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# Hungarian National Seismological Bulletin

## 2022

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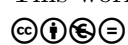
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# Foreword

In 2022 four new temporary broadband seismological stations have been installed in the eastern part of Hungary in the framework of international AdriaArray project. At the end of the year, the Kövesligethy Radó Seismological Observatory operated 47 seismological stations in the territory of Hungary.

During the year, 1937 local events have been detected by the Network in the area confined by the latitudes 45.5-49.0°N and longitudes 16.0-23.0°E and 7 earthquakes were felt by the public in Hungary.

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





# 1. The Hungarian National Seismological Network

## Seismological stations and data collection

In 2022, the Kövesligethy Radó Seismological Observatory (KRSO), Institute of Earth Physics and Space Science (EPSS) used the data coming from the following seismological stations:

- the 15 permanent broadband seismological station of the Hungarian National Seismological Network (HNSN);
- the 26 temporary stations installed and operated in the previous years in the frame of AlpArray and PACASE (Pannonian-Carpathian-Alpine Seismic Experiment) projects continued to work in the frame of AdriaArray, a new international project, started in 2022;
- in the frame of AdriaArray, 4 new stations were installed in 2022 (HU11A, HU12A, HU13A, HU14A);
- the broadband seismological station at Gyöngyösoroszi, co-operated with the Institute of Particle and Nuclear Physics;
- one seismological station at Badacsonytördemic, part of the Integrated Geodynamical Station;
- 3 stations monitoring the local seismicity of the Mór Graben, installed in 2020 and operated until January 10, 2022.

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

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

- Austrian Seismological Network (OE) – <http://www.zamg.ac.at>  
stations: ARSA, CONA, OBKA
- Croatian Seismological Network (CR) – <http://www.gfz.hr/eng/seizmologija/>  
stations: PTJ, ZAG
- Czech Seismological Network (CZ) – <https://www.ig.cas.cz/en/seismic-service>  
stations: CKRC, JAVC, KRUC, MORC, PRU, TREC, VRAC
- GEOFON (GE) – <http://geofon.gfz-potsdam.de>  
stations: STU, TIRR, VSU
- MEDNET (MN) – <http://mednet.rm.ingv.it>  
stations: AQU, BLY, DIVS, TIR, TRI, VTS
- Polish Seismological Network (PL) – <http://www.igf.edu.pl/plsn-en.php>  
stations: KWP, NIE, OJC
- Romanian Seismological Network (RO) – <http://www.infp.ro/>  
stations: ARCR, BANR, BISRR, BMR, BURAR, BZS, CJR, CRAR, DEV, DRGR, GZR, IAS, LOT, MLR, SIRR, VRI
- Serbian Seismological Network (SJ) – <http://www.seismo.gov.rs/>  
stations: BBLS, BEO, DJES, FRGS
- Slovak Seismological Network (SK) – <http://www.seismology.sk/>

- stations: CRVS, IZAB, KECS, KOLS, LANS, MASL, MODS, PODL, SMOL, SRO, STHS, VYHS, ZST
- Slovenian Seismological Network (SL) – <http://www.arso.gov.si/en/Seismology/>  
stations: CRES, KOGS
  - Carpathian Seismological Network of Ukraine (UA) – <http://seism.lviv.ua/>  
stations: BRIU, CHRU, HOLU, HORU, KORU, KSV, MEZ, MORS, MUKU, NDNU, NSLU, RAKU, SHIU, STNU, STZU, TRSU, UZH

Table 1.1: Parameters of the permanent stations of the Hungarian National Seismological Network in 2022

Station	Lat. (°N)	Lon. (°E)	Height (m)	Sensor <sup>a</sup>	Acquisition <sup>b</sup>	Org. <sup>c</sup>	Period <sup>d</sup>
ABAH Abaujker	48.2961	21.2397	195	STS-2.5	DM24S3	EPSS	01.01-12.31
AMBH Ambrózfalva	46.3501	20.7258	88	CMG-3T Radian	CMG-DAS Radian	EPSS	01.01-06.22 06.22-12.31
BEHE Becsehely	46.4706	16.7757	289	CMG-3T	DM24S3	EPSS	01.01-12.31
BSZH Besenyszög	47.2996	20.2670	82	CMG-3T	DM24S3	EPSS	01.01-12.31
BUD Budapest	47.4831	19.0201	195	STS-2	PS-6-24 and SeisComP PC	EPSS	01.01-12.31
CSKK Csókakő	48.3631	18.2605	319	CMG-3T	DM24SE	EPSS	01.01-12.31
EGYH Egyházaskesző	47.4163	17.3319	129	CMG-3T	DM24S3	EPSS	01.01-12.31
KOVH Kővágótöttös	46.0883	18.0999	270	STS-2.5	PS-6-24 and SeisComP PC	EPSS	01.01-12.31
LTVH Létavértes	47.3849	21.9007	121	CMG-3T	DM24S3	EPSS	01.01-12.31
MORH Mórággy	46.2149	18.6435	135	STS-2	DM24S3	EPSS	01.01-12.31
MPLH Magyarpolány	47.1712	17.5348	337	STS-2.5	PS-6-24 and SeisComP PC	EPSS	01.01-12.31
PSZ Piszkéstető	47.9181	19.8933	940	STS-2	PS-6-24 and SeisComP PC	GEOFON EPSS	01.01-12.31
SOP Sopron	47.6807	16.5567	260	STS-2	PS-6-24 and SeisComP PC	EPSS	01.01-12.31
TIH Tihany	46.9001	17.8878	189	CMG-3T CMG-3ESP	DM24S3 CMG-3ESP	SZTFH EPSS	01.01-05.26 05.26-12.31
TRPA Tarpa	48.1304	22.5391	113	STS-2	DM24S3	EPSS	01.01-12.31

<sup>a</sup> Sensors:

CMG-3T – Guralp CMG-3T broadband seismometer  
 STS-2 and STS-2.5 – Streckeisen broadband seismometers  
 CMG-3ESP – Guralp CMG-3SP seismometer/digitizer

<sup>b</sup> Data acquisition units (the recording is digital and continuous at all stations):

DM24S3 – Guralp CMG-DM24S3EAM data acquisition system  
 CMG-DAS – Guralp CMG-DAS data acquisition system; PS-6-24 – Earth Data 24-bit digitizer  
 Radian – Guralp Radian seismometer/digitizer surface unit  
 CMG-3ESP – Guralp CMG-3SP seismometer/digitizer  
 SeisComP PC – PrioComP computer equipped with SeisComP software

<sup>c</sup> Operating organization:

GEOFON – GEOFON Global Seismic Network, GFZ, Germany  
 EPSS – Institute of Earth Physics and Space Science, Hungary  
 SZTFH – Supervisory Authority for Regulatory Affairs, Hungary

<sup>d</sup> Availability period in 2022

Table 1.2: Parameters of the temporary stations of the Hungarian National Seismological Network in 2022

Station	Lat. (°N)	Lon. (°E)	Height (m)	Sensor <sup>a</sup>	Acquisition <sup>b</sup>	Org. <sup>c</sup>	Period <sup>d</sup>
HU01A Pánd	47.3447	19.6203	151	CMG-3T	DM24S3	EPSS	01.01-12.31
HU02A Szentlélek	48.1222	20.525	760	CMG-3T	DM24S3	EPSS	01.01-12.31
HU03A Ecseg	47.9039	19.5997	175	CMG-3T	DM24S3	EPSS	01.01-12.31
HU04A Ágasegyháza	46.8123	19.4784	116	CMG-3T	DM24S3	EPSS	01.01-09.07
HU04B Ágasegyháza	46.8138	19.4386	120	CMG-3T	DM24S3	EPSS	10.07-12.31
HU05A Hortobágy	47.5514	21.1376	91	CMG-3T	DM24S3	EPSS	01.01-12.31
HU06A Eperjes	46.7123	20.5675	79	CMG-3T	DM24S3	EPSS	01.01-12.31
HU07A Apagy	47.9811	21.9143	118	CMG-3T	DM24S3	EPSS	01.01-12.31
HU08A Réde	47.6386	18.3824	195	CMG-3T	DM24S3	EPSS	01.01-12.31
HU09A Baj	47.4313	17.9238	201	CMG-3T	DM24S3	EPSS	01.01-12.31
HU10A Szokolya	47.8452	19.0186	152	CMG-3T	DM24S3	EPSS	01.01-12.31
HU11A Újtikos	47.9245	21.1677	156	Horizon120	Centaur	EPSS	10.26-12.31
HU12A Kisújszállás	47.1827	20.8267	88	CMG-3T	DM24S3	EPSS	12.01-12.31
HU13A Tiszakécske	46.9877	20.0345	150	Horizon120	Centaur	EPSS	10.19-12.31
HU14A Dóc	46.4475	20.0790	120	Horizon120	Centaur	EPSS	10.05-12.31
HU21A Pusztamérges	46.3329	19.729	163	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
HU22A Érsekhalma	46.3278	19.1311	135	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
HU23A Bernáthegy	47.6389	20.2496	158	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
HU24A Bélmegyer	46.9099	21.159	120	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
JOS Jósvafő	48.4955	20.5374	288	STS-2	EDR	EPSS	01.01-12.31

<sup>a</sup> Sensors:

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

<sup>b</sup> Data acquisition units (at all stations the recording is digital and continuous):

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

<sup>c</sup> Operating organization:

DSEBRA – German Seismological Broadband Array  
EPSS – Institute of Earth Physics and Space Science, Hungary

<sup>d</sup> Availability period in 2022

Table 1.3: Parameters of the temporary stations of the Hungarian National Seismological Network in 2022

Station	Lat. (°N)	Lon. (°E)	Height (m)	Sensor <sup>a</sup>	Acquisition <sup>b</sup>	Org. <sup>c</sup>	Period <sup>d</sup>
A260A Vassurány	47.2834	16.7056	243	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A261A Óhíd	46.9520	17.1486	171	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A262A Szaknyér	46.8642	16.5276	240	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A263A Hollád	46.6408	17.3149	165	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A264A Tarany	46.1597	17.2897	143	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A265A Kaposfüred	46.4245	17.7954	151	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A266A Gyulaj	46.5256	18.2647	219	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A267A Káloz	46.9463	18.4820	116	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A271A Ivácsa	47.1547	18.8341	165	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A272A Bölcske	46.7444	18.9654	170	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
A273A Marócsa	45.9163	17.8161	100	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
ET1H Gyöngyösoroszi	47.8791	19.8713	400	CMG-3T	DM24S3	RMKI EPSS	01.01-12.31
MSW1 Pusztavám	47.3929	18.259	141	LE-3D	DM24S3	EPSS	01.01-01.10
MSW2 Fehérvárcsurgó	47.3023	18.2109	286	CMG-3ESP	CMG-3ESP	EPSS	01.01-01.10
MSW3 Tímárpusztá	47.3831	18.1261	199	LE-3D	DM24S3	EPSS	01.01-01.10
BADH Badacsonytördemic	46.8053	17.4726	158	Horizon120 LE-3D	Centaur DM24S3	EPSS	01.01-06.03 06.03-12.31

<sup>a</sup> Sensors:

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

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

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

<sup>b</sup> Data acquisition units (at all stations the recording is digital and continuous):

DM24S3 – Guralp CMG-DM24S3EAM data acquisition system

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

Centaur – Nanometrics Centaur 24-bit digitiser

<sup>c</sup> Operating organization:

DSEBRA – German Seismological Broadband Array

EPSS – Institute of Earth Physics and Space Science, Hungary

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

<sup>d</sup> Availability period in 2022

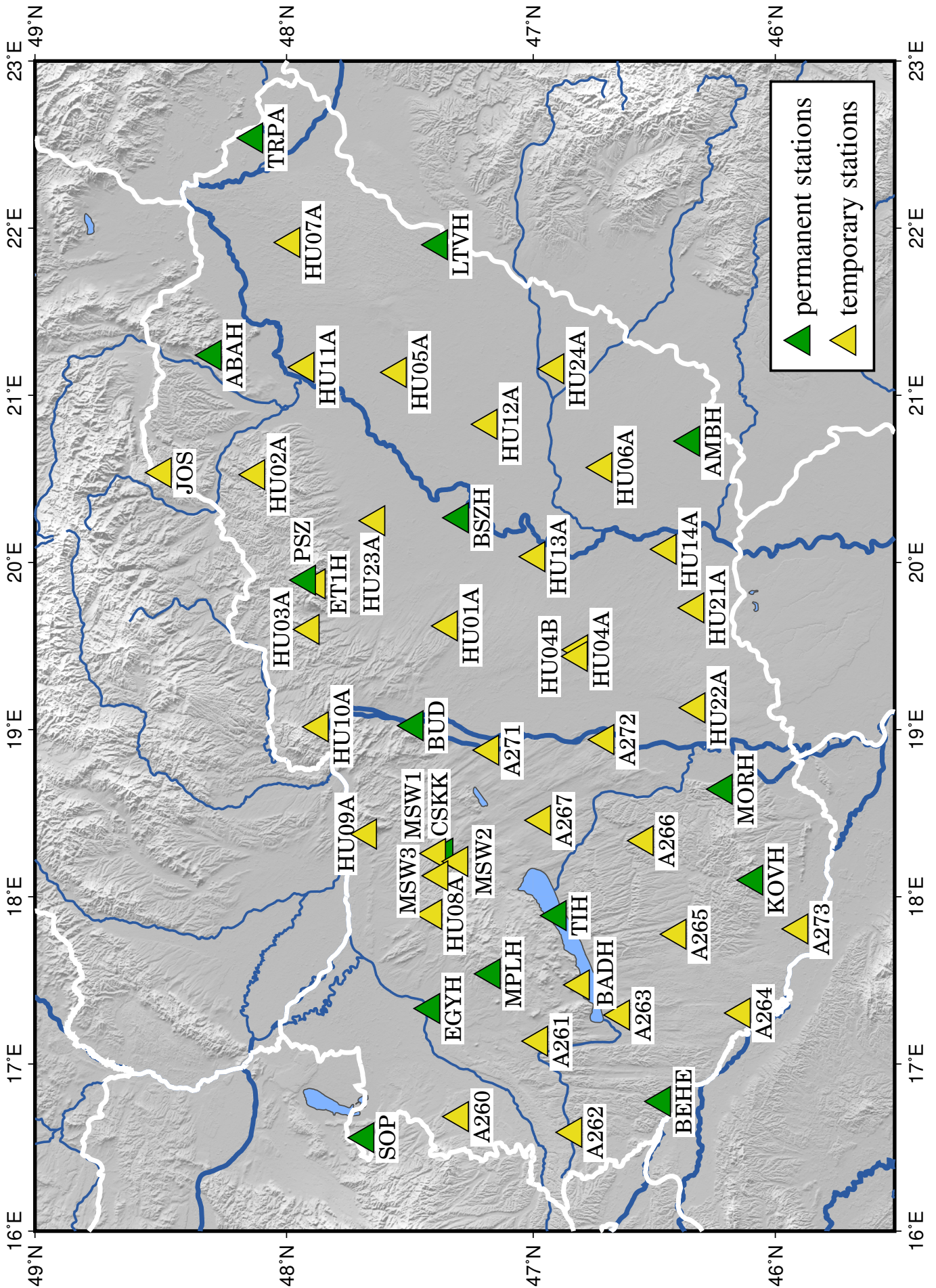


Figure 1.1: Permanent and temporary stations of the Hungarian National Seismological Network in 2022

## Data processing

### The iLoc location algorithm

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

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

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

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

### Location procedure

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

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

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



## 2. Local events

In 2022, 1937 local events (Table 2.1) have been detected by the Hungarian National Seismological Network in the area confined by the latitudes 45.5-49.0°N and longitudes 16.0-23.0°E. From these events 475 earthquakes (Fig. 2.1) and 1462 quarry explosions (Fig. 2.2) have been identified. One hundred and fifty-six explosions were labeled as ground truth events based on the reports of the respective mines (Fig. 2.3).

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

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

	Date	Time	Lat. (°N)	Long. (°E)	Depth (km)	Magnitude	Type	Locality
1.	2022.01.02	18:33:52.2	46.0077	16.9139	2.3	2.0	EQ	Croatia
2.	2022.01.03	00:28:28.3	45.8103	17.1278	0.2	2.0	EQ	Croatia
3.	2022.01.03	09:36:17.1	48.5020	20.7718	0.0	1.4	EX	Tornaszentandrás
4.	2022.01.04	00:26:27.5	47.3411	18.1822	5.2	0.9	EQ	Balinka
5.	2022.01.04	12:01:22.2	48.5841	20.2068	0.0	1.1	EX	Slovakia
6.	2022.01.05	07:29:26.9	46.0561	22.8729	0.0	1.7	EX	Romania
7.	2022.01.05	08:35:16.0	46.1097	22.8416	0.0	1.7	EX	Romania
8.	2022.01.05	14:17:24.7	45.9954	18.5128	0.0	-	EX	Versend
9.	2022.01.06	23:26:12.1	45.7477	21.6421	0.0	2.2	EQ	Romania
10.	2022.01.07	07:35:06.6	47.9590	20.3545	0.0	-	GT	Eger-III.
11.	2022.01.07	09:13:59.0	46.1173	18.0977	0.0	-	EX	Abaliget
12.	2022.01.07	10:27:05.4	46.4724	16.2921	11.0	-	EQ	Croatia
13.	2022.01.07	10:34:24.2	48.5449	20.7938	0.0	1.7	EX	Bódvalenke
14.	2022.01.07	10:59:29.1	47.8693	20.1539	0.0	1.8	EX	Kisnána
15.	2022.01.08	16:02:19.1	46.4554	16.2153	7.1	1.7	EQ	Slovenia
16.	2022.01.08	16:08:08.4	46.4559	16.1980	8.0	2.2	EQ	Slovenia
17.	2022.01.09	05:42:02.7	46.0542	16.8741	11.1	2.1	EQ	Croatia
18.	2022.01.09	12:27:03.7	45.5144	16.1007	0.0	2.1	EQ	Croatia
19.	2022.01.09	12:35:45.5	45.7560	16.9424	0.6	2.4	EQ	Croatia
20.	2022.01.10	06:27:30.2	48.0232	16.1437	0.0	-	EX	Austria
21.	2022.01.10	08:02:07.3	48.0471	20.6805	0.0	1.5	GT	Miskolc-Mexikóvölgy
22.	2022.01.10	09:00:28.6	47.3690	18.3607	0.0	-	EX	Gánt
23.	2022.01.10	10:45:34.4	48.5603	20.7542	0.0	1.4	EX	Komjáti
24.	2022.01.10	11:00:14.0	48.1595	16.9476	0.0	-	EX	Austria
25.	2022.01.10	12:20:03.0	48.3879	17.3198	0.0	1.9	EX	Slovakia
26.	2022.01.11	08:39:13.5	46.0483	22.8365	0.0	1.7	EX	Romania
27.	2022.01.11	09:08:50.0	47.4078	18.3624	0.0	1.8	EX	Gánt
28.	2022.01.11	10:31:49.3	48.5567	20.7892	0.0	1.7	EX	Tornanádaska
29.	2022.01.11	11:11:05.0	48.4288	19.5458	0.0	1.7	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
30.	2022.01.12	11:01:43.4	48.5477	17.3737	0.0	-	EX	Slovakia
31.	2022.01.12	13:28:17.7	47.8327	19.1394	0.0	1.7	GT	Sejce-Vác
32.	2022.01.13	08:09:38.2	47.3897	18.3667	0.0	-	EX	Gánt
33.	2022.01.13	11:15:38.5	47.5577	18.4810	0.0	-	GT	Tatabánya
34.	2022.01.13	12:44:23.6	48.8107	21.5807	0.0	2.3	EX	Slovakia
35.	2022.01.13	14:15:32.5	47.9336	16.1101	0.0	-	EX	Austria
36.	2022.01.13	14:19:04.3	47.8844	16.0844	0.0	1.1	EX	Austria
37.	2022.01.14	09:04:32.3	47.8327	16.2804	0.0	1.0	EQ	Austria
38.	2022.01.14	10:05:24.5	48.5404	20.7946	0.0	1.9	EX	Bódvalenke
39.	2022.01.14	10:42:59.4	48.9119	21.1631	0.0	1.9	EX	Slovakia
40.	2022.01.14	10:51:36.6	47.7791	19.0372	0.0	2.0	GT	Dunabogdány
41.	2022.01.14	11:11:29.9	47.9047	20.1408	0.0	1.7	EX	Recsk
42.	2022.01.14	23:03:06.2	47.7476	16.0649	2.0	2.8	EQ	Austria
43.	2022.01.15	02:07:35.7	46.4773	16.2309	0.0	1.8	EQ	Slovenia
44.	2022.01.15	02:40:23.8	46.4251	16.3150	11.0	-	EQ	Croatia
45.	2022.01.15	09:52:52.7	46.1671	18.2843	0.0	1.5	EX	Komló
46.	2022.01.15	19:21:55.9	47.8168	16.2695	4.7	0.8	EQ	Austria
47.	2022.01.16	21:52:58.0	47.9420	16.4524	11.0	1.2	EQ	Austria
48.	2022.01.16	22:36:41.6	47.7722	16.2299	11.0	1.0	EQ	Austria
49.	2022.01.17	08:05:45.1	47.9590	20.3545	0.0	1.7	GT	Eger-III.
50.	2022.01.17	08:18:10.9	48.0471	20.6805	0.0	1.7	GT	Miskolc-Mexikóvölgy
51.	2022.01.17	09:08:52.8	46.1256	18.0347	0.0	-	EX	Hetvehely
52.	2022.01.17	10:21:39.4	48.0291	16.1086	0.0	-	EX	Austria
53.	2022.01.17	11:24:51.2	48.5590	20.8119	0.0	1.8	EX	Tornanádaska
54.	2022.01.17	18:56:18.6	46.8248	16.5564	9.7	1.9	EQ	Csőde
55.	2022.01.18	00:30:06.5	47.8377	16.2740	0.0	0.8	EQ	Austria
56.	2022.01.18	08:35:31.9	47.3730	18.3738	0.0	1.4	EX	Gánt
57.	2022.01.18	09:04:57.7	48.5444	20.8147	0.0	1.6	EX	Bódvalenke
58.	2022.01.18	10:49:20.9	47.5577	18.4810	0.0	1.3	GT	Tatabánya
59.	2022.01.18	11:58:38.5	46.1492	22.8706	0.0	1.7	EX	Romania
60.	2022.01.19	05:05:19.5	47.8538	16.2606	5.1	1.4	EQ	Austria
61.	2022.01.19	08:24:54.5	47.9997	16.6307	0.0	-	EX	Austria
62.	2022.01.19	09:15:41.8	48.7190	18.7186	0.0	2.1	EX	Slovakia
63.	2022.01.19	10:02:40.2	48.2474	21.7950	0.0	-	EX	Tiszacsermely
64.	2022.01.19	10:45:08.3	47.7883	16.2385	11.0	0.9	EQ	Austria
65.	2022.01.19	11:00:08.9	48.3906	20.6531	0.0	-	EX	Szuhogy
66.	2022.01.19	16:34:58.2	47.7619	16.2141	11.0	0.8	EQ	Austria
67.	2022.01.19	17:17:08.4	45.9695	17.0722	8.9	2.9	EQ	Croatia
68.	2022.01.19	18:33:36.4	47.9257	16.4274	6.4	1.6	EQ	Austria
69.	2022.01.20	00:14:50.0	47.8089	16.2164	9.0	-	EQ	Austria
70.	2022.01.20	01:20:00.4	47.7974	16.2379	9.0	-	EQ	Austria
71.	2022.01.20	06:22:48.6	47.7746	16.2590	9.0	-	EQ	Austria
72.	2022.01.20	07:54:52.7	47.8082	16.2190	9.0	-	EQ	Austria
73.	2022.01.20	08:03:44.6	47.3206	18.3171	0.0	-	EX	Söréd
74.	2022.01.20	08:06:56.9	47.3870	18.3918	0.0	1.7	EX	Gánt
75.	2022.01.20	08:30:23.4	47.3167	18.3081	0.0	-	GT	Magyaralmás
76.	2022.01.20	09:54:53.0	47.3830	18.4018	0.0	2.1	EX	Gánt
77.	2022.01.20	11:43:38.1	48.7681	20.9496	0.0	1.7	EX	Slovakia
78.	2022.01.20	19:08:24.3	47.8315	16.2676	0.0	1.6	EQ	Austria
79.	2022.01.20	21:15:57.6	47.8162	16.2655	1.1	0.9	EQ	Austria
80.	2022.01.21	00:54:48.6	48.0258	20.5176	0.0	1.4	EQ	Répáshuta

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
81.	2022.01.21	03:57:29.7	47.8410	16.2464	0.0	1.0	EQ	Austria
82.	2022.01.21	08:40:14.1	48.4375	17.4418	0.0	-	EX	Slovakia
83.	2022.01.21	09:00:51.7	47.3347	18.3851	0.0	1.9	EX	Zámoly
84.	2022.01.21	09:09:23.1	46.1433	18.3001	0.0	-	EX	Hosszúhetény
85.	2022.01.21	09:12:47.4	47.8327	19.1394	0.0	-	GT	Sejce-Vác
86.	2022.01.21	11:06:10.1	47.8858	20.1729	0.0	1.6	EX	Tarnaszentmária
87.	2022.01.21	11:08:52.5	48.5246	20.8248	0.0	1.9	EX	Becskeháza
88.	2022.01.21	11:32:19.8	47.5589	18.4824	0.0	-	EX	Szárliget
89.	2022.01.21	18:19:27.3	46.0672	18.8553	10.0	-	EQ	Nagybaracska
90.	2022.01.22	03:41:50.2	47.7841	16.2433	9.0	0.8	EQ	Austria
91.	2022.01.22	07:54:32.7	47.8272	16.2125	9.0	1.1	EQ	Austria
92.	2022.01.22	09:09:21.3	47.7856	16.2593	11.0	-	EQ	Austria
93.	2022.01.22	09:15:26.2	47.8389	16.3150	0.0	0.7	EX	Austria
94.	2022.01.22	09:21:35.5	47.8448	16.3089	11.0	-	EQ	Austria
95.	2022.01.22	09:55:25.8	46.1385	18.2972	0.0	-	EX	Mánfa
96.	2022.01.22	09:59:42.9	47.8541	16.2732	3.8	1.2	EQ	Austria
97.	2022.01.22	10:24:20.6	47.8393	16.2446	3.0	1.3	EQ	Austria
98.	2022.01.22	11:04:53.1	47.7787	16.2435	11.0	0.7	EQ	Austria
99.	2022.01.22	13:38:11.0	47.8186	16.2752	0.0	0.7	EQ	Austria
100.	2022.01.22	13:43:18.1	47.7687	16.2217	11.0	0.6	EQ	Austria
101.	2022.01.22	13:59:02.7	47.8003	16.2284	9.0	0.8	EQ	Austria
102.	2022.01.22	14:30:12.0	47.8299	16.2713	0.0	0.8	EQ	Austria
103.	2022.01.22	16:53:18.1	47.8134	16.2815	0.0	0.7	EQ	Austria
104.	2022.01.22	17:50:23.8	47.7903	16.2453	12.5	0.8	EQ	Austria
105.	2022.01.22	18:41:14.5	46.0834	21.5847	15.0	1.0	EQ	Romania
106.	2022.01.22	21:54:20.4	47.8255	16.2673	3.3	0.7	EQ	Austria
107.	2022.01.22	23:24:27.1	47.7921	16.2290	9.0	-	EQ	Austria
108.	2022.01.23	00:05:54.0	47.8035	16.2260	9.0	0.6	EQ	Austria
109.	2022.01.23	03:45:16.5	47.8221	16.2631	9.0	0.6	EQ	Austria
110.	2022.01.23	04:17:28.9	47.8141	16.2509	9.0	0.8	EQ	Austria
111.	2022.01.23	17:14:29.5	47.8284	16.2691	8.0	1.5	EQ	Austria
112.	2022.01.23	18:19:28.1	45.9222	17.0246	8.3	2.0	EQ	Croatia
113.	2022.01.23	20:14:41.1	47.8167	16.2629	3.7	1.0	EQ	Austria
114.	2022.01.23	20:27:06.5	47.7972	16.2243	9.0	0.9	EQ	Austria
115.	2022.01.24	05:53:01.8	47.7812	16.2311	11.0	-	EQ	Austria
116.	2022.01.24	06:35:54.1	47.8181	16.2891	3.9	1.0	EQ	Austria
117.	2022.01.24	08:07:30.4	48.0471	20.6805	0.0	1.7	GT	Miskolc-Mexikóvölgy
118.	2022.01.24	09:45:23.0	48.0061	19.6278	0.0	1.5	GT	Nagylóc
119.	2022.01.24	11:16:52.9	47.8051	16.2217	6.4	1.6	EQ	Austria
120.	2022.01.24	12:55:30.4	48.1130	21.3408	0.0	1.7	EX	Tarcal
121.	2022.01.24	13:03:30.7	47.9407	16.2323	0.0	1.1	EQ	Austria
122.	2022.01.24	13:44:56.9	47.8681	16.0655	0.0	1.7	EX	Austria
123.	2022.01.24	13:57:35.9	46.9743	22.3442	0.0	2.1	EX	Romania
124.	2022.01.25	08:44:46.4	47.3655	18.3927	0.0	1.8	EX	Gánt
125.	2022.01.25	09:00:37.8	48.8094	16.1708	0.0	2.0	EX	Czech
126.	2022.01.25	09:52:35.9	48.4741	20.7554	0.0	1.6	EX	Martonyi
127.	2022.01.25	10:13:07.8	47.3458	18.4079	0.0	-	EX	Zámoly
128.	2022.01.25	11:00:19.7	48.1207	17.0191	0.0	2.0	EX	Austria
129.	2022.01.25	13:45:24.2	47.8848	16.0859	0.0	2.0	EX	Austria
130.	2022.01.25	15:16:21.1	47.8043	16.2831	11.0	1.0	EQ	Austria
131.	2022.01.26	07:51:21.2	47.8049	19.0951	0.0	-	EX	Vác

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
132.	2022.01.26	08:52:19.8	47.9590	20.3545	0.0	1.5	GT	Eger-III.
133.	2022.01.26	10:07:31.9	48.5258	20.7468	0.0	1.4	EX	Bódvaszilas
134.	2022.01.26	10:44:48.2	48.3729	19.0344	0.0	1.8	EX	Slovakia
135.	2022.01.26	19:21:49.3	47.9663	16.9798	20.7	1.8	EQ	Austria
136.	2022.01.26	21:14:09.2	47.7856	16.2310	11.0	0.8	EQ	Austria
137.	2022.01.27	08:44:14.8	46.1058	18.0577	0.0	1.5	EX	Bakonya
138.	2022.01.27	08:52:41.9	47.3753	18.3973	0.0	1.8	EX	Gánt
139.	2022.01.27	10:56:13.4	46.8570	22.7025	0.0	-	EX	Romania
140.	2022.01.27	13:39:22.7	47.9040	16.0820	0.0	1.1	EX	Austria
141.	2022.01.28	00:20:22.7	47.8406	16.2573	5.2	0.9	EQ	Austria
142.	2022.01.28	00:33:53.5	47.8290	19.2946	16.1	1.2	EQ	Nézsza
143.	2022.01.28	02:40:28.2	47.7230	16.2142	14.0	0.8	EQ	Austria
144.	2022.01.28	03:07:49.6	47.7039	16.2082	15.1	0.8	EQ	Austria
145.	2022.01.28	09:18:28.7	47.1519	18.0606	0.0	-	EX	Öskü
146.	2022.01.28	09:26:15.1	48.0471	20.6805	0.0	1.5	GT	Miskolc-Mexikóvölgy
147.	2022.01.28	09:44:05.9	46.0527	18.1073	0.0	1.8	EX	Kővágószőlős
148.	2022.01.28	10:21:26.0	48.6205	20.8132	0.0	1.6	EX	Slovakia
149.	2022.01.28	10:41:00.5	47.8727	20.1464	0.0	1.5	EX	Kisnána
150.	2022.01.30	06:24:17.8	45.6876	18.1046	0.0	2.0	EQ	Croatia
151.	2022.01.30	16:54:13.5	48.0163	19.4111	0.2	1.3	EQ	Iliny
152.	2022.01.31	10:35:56.4	48.0374	16.1115	0.0	-	EX	Austria
153.	2022.02.01	08:15:27.4	48.5732	20.7411	0.0	1.3	EX	Slovakia
154.	2022.02.01	08:30:39.1	47.2735	17.7116	0.0	1.5	EX	Bakonybél
155.	2022.02.01	09:30:57.7	47.3931	18.3448	0.0	1.6	EX	Gánt
156.	2022.02.01	10:25:05.1	48.8034	21.2650	0.0	1.8	EX	Slovakia
157.	2022.02.01	11:00:10.2	48.1626	16.9360	0.0	-	EX	Austria
158.	2022.02.01	11:31:00.7	48.3129	22.2969	0.0	2.0	EQ	Lónya
159.	2022.02.01	12:44:19.1	47.8779	16.0675	0.0	0.9	EX	Austria
160.	2022.02.01	14:17:21.1	46.4828	16.2980	8.0	1.9	EQ	Croatia
161.	2022.02.01	14:44:27.9	48.5559	20.8188	0.0	1.3	EX	Hidvégdárdó
162.	2022.02.02	08:47:03.1	47.8440	16.3034	0.0	1.4	EQ	Austria
163.	2022.02.02	11:02:03.3	47.8534	20.1594	0.0	1.6	EX	Kisnána
164.	2022.02.02	11:19:43.6	48.8333	21.1308	0.0	1.6	EX	Slovakia
165.	2022.02.02	11:45:07.5	46.0688	22.0598	0.0	1.8	EX	Romania
166.	2022.02.02	12:23:01.4	47.8863	16.0855	0.0	1.0	EX	Austria
167.	2022.02.02	22:04:42.0	47.8450	16.2630	2.2	1.0	EQ	Austria
168.	2022.02.03	04:28:44.4	47.8235	16.2854	0.0	0.8	EQ	Austria
169.	2022.02.03	04:35:29.0	47.8482	16.4058	0.0	1.0	EQ	Austria
170.	2022.02.03	05:26:33.6	47.7743	16.2419	11.0	0.6	EQ	Austria
171.	2022.02.03	06:04:38.4	47.8349	16.2811	0.0	0.6	EQ	Austria
172.	2022.02.03	07:26:21.1	47.8602	16.2837	0.0	-	EQ	Austria
173.	2022.02.03	08:16:16.8	46.1158	18.1071	0.0	-	EX	Abaliget
174.	2022.02.03	09:34:12.7	48.5545	20.7410	0.0	1.3	EX	Komjáti
175.	2022.02.03	09:47:02.6	47.8327	19.1394	0.0	1.6	GT	Sejce-Vác
176.	2022.02.03	10:02:25.4	47.8797	16.5072	0.0	-	EX	Austria
177.	2022.02.03	11:00:12.2	48.1420	16.9606	0.0	-	EX	Austria
178.	2022.02.04	08:34:22.5	47.8358	16.2811	2.6	1.1	EQ	Austria
179.	2022.02.04	09:56:20.5	48.5378	20.8054	0.0	1.7	EX	Bódvalenke
180.	2022.02.04	10:00:25.9	48.5767	17.5046	0.0	1.5	EX	Slovakia
181.	2022.02.04	11:41:49.4	46.7889	22.8294	0.0	1.8	EX	Romania
182.	2022.02.04	13:55:12.6	47.8381	16.2668	3.5	1.7	EQ	Austria

CHAPTER 2. LOCAL EVENTS

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
183.	2022.02.04	23:11:16.2	47.7726	16.2285	11.0	-	EQ	Austria
184.	2022.02.05	00:31:13.9	47.8472	16.2995	0.0	0.9	EQ	Austria
185.	2022.02.05	01:37:57.4	47.7578	16.2494	11.0	-	EQ	Austria
186.	2022.02.05	07:53:00.8	47.8160	16.2607	5.5	1.5	EQ	Austria
187.	2022.02.05	08:16:05.5	47.7643	16.2430	11.0	-	EQ	Austria
188.	2022.02.05	13:00:52.6	47.8379	16.2673	4.4	1.7	EQ	Austria
189.	2022.02.05	18:33:59.5	47.8390	16.2830	5.6	1.5	EQ	Austria
190.	2022.02.05	18:37:50.9	47.8428	16.2536	2.4	1.8	EQ	Austria
191.	2022.02.05	18:52:21.4	47.7848	16.3252	11.0	-	EQ	Austria
192.	2022.02.06	00:55:19.9	47.8229	16.2795	0.0	0.9	EQ	Austria
193.	2022.02.06	01:25:19.9	47.8500	16.2785	0.0	2.3	EQ	Austria
194.	2022.02.06	01:28:05.8	47.8402	16.2576	2.0	1.6	EQ	Austria
195.	2022.02.06	01:30:57.9	47.8112	16.2452	0.0	-	EQ	Austria
196.	2022.02.06	01:35:25.1	47.8311	16.2567	4.2	1.8	EQ	Austria
197.	2022.02.06	02:31:17.7	47.7428	16.1992	11.0	-	EQ	Austria
198.	2022.02.06	02:46:19.6	47.8299	16.3114	11.0	-	EQ	Austria
199.	2022.02.06	03:34:53.3	47.7638	16.2438	11.0	-	EQ	Austria
200.	2022.02.06	03:36:02.3	47.7332	16.2131	11.0	-	EQ	Austria
201.	2022.02.06	04:00:02.2	47.9946	20.4420	6.8	1.6	EQ	Felsőtárkány
202.	2022.02.06	04:15:13.7	47.7366	16.2716	11.0	-	EQ	Austria
203.	2022.02.06	05:12:22.7	47.8186	16.2954	0.0	1.1	EQ	Austria
204.	2022.02.06	06:00:36.7	47.8087	16.2227	9.0	-	EQ	Austria
205.	2022.02.06	07:50:47.1	47.8306	16.2794	0.0	1.0	EQ	Austria
206.	2022.02.06	11:43:40.8	47.8217	16.2910	0.0	0.8	EQ	Austria
207.	2022.02.06	11:48:53.7	47.8279	16.2901	0.0	0.8	EQ	Austria
208.	2022.02.06	15:01:57.2	47.7881	16.2395	11.0	-	EQ	Austria
209.	2022.02.06	18:16:36.1	47.8263	16.2831	0.0	1.0	EQ	Austria
210.	2022.02.06	18:23:35.7	47.8345	16.2678	0.0	0.9	EQ	Austria
211.	2022.02.06	20:54:40.3	47.8401	16.2670	4.8	1.1	EQ	Austria
212.	2022.02.06	23:23:47.0	47.7845	16.2259	9.0	-	EQ	Austria
213.	2022.02.07	06:02:49.3	47.8054	16.2811	7.3	-	EQ	Austria
214.	2022.02.07	07:26:39.9	47.3167	18.3081	0.0	-	GT	Magyaralmás
215.	2022.02.07	09:07:24.2	48.6689	18.4022	0.0	2.2	EX	Slovakia
216.	2022.02.07	09:39:35.8	48.6306	20.7841	0.0	-	EX	Slovakia
217.	2022.02.07	10:03:30.0	48.4885	17.5029	0.0	1.6	EX	Slovakia
218.	2022.02.07	10:28:32.5	48.4984	20.8289	0.0	-	EX	Tornabarakony
219.	2022.02.07	10:59:21.1	48.5027	20.8867	0.0	-	EX	Viszló
220.	2022.02.07	13:05:20.4	46.1678	16.0269	0.0	1.8	EX	Croatia
221.	2022.02.07	16:35:20.9	47.8030	16.2612	9.0	1.0	EQ	Austria
222.	2022.02.07	17:58:02.1	47.7613	16.2360	11.0	-	EQ	Austria
223.	2022.02.08	00:24:16.5	45.5184	16.4704	5.6	2.1	EQ	Croatia
224.	2022.02.08	06:39:26.0	47.8218	16.2795	0.0	1.1	EQ	Austria
225.	2022.02.08	07:59:26.6	46.8296	22.6767	0.0	-	EX	Romania
226.	2022.02.08	09:01:02.2	47.3973	18.3261	0.0	-	EX	Gánt
227.	2022.02.08	09:55:47.6	47.9674	16.0567	0.0	-	EX	Austria
228.	2022.02.08	10:03:44.8	48.5630	20.7780	0.0	1.3	EX	Tornanádaska
229.	2022.02.08	10:11:20.4	48.8549	20.4975	0.0	2.5	EX	Slovakia
230.	2022.02.08	10:32:39.2	48.5273	19.3550	0.0	2.0	EX	Slovakia
231.	2022.02.08	12:32:42.8	46.1395	16.4525	0.0	1.9	EX	Croatia
232.	2022.02.09	04:25:59.0	47.8388	16.3096	0.0	1.7	EQ	Austria
233.	2022.02.09	05:07:52.0	47.8192	16.2676	3.6	1.2	EQ	Austria

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
234.	2022.02.09	05:29:25.7	47.8248	16.2613	0.0	1.1	EQ	Austria
235.	2022.02.09	07:29:43.6	46.8756	22.8429	0.4	1.7	EQ	Romania
236.	2022.02.09	08:07:50.9	47.7837	16.2106	11.0	-	EQ	Austria
237.	2022.02.09	08:23:53.2	47.8134	16.2515	4.0	1.1	EQ	Austria
238.	2022.02.09	08:54:20.5	48.4889	20.8066	0.0	1.8	EX	Tornabarakony
239.	2022.02.09	10:08:11.7	48.0023	20.3608	0.0	1.7	EX	Szarvaskő
240.	2022.02.09	11:00:20.4	48.1079	16.9826	0.0	2.1	EX	Austria
241.	2022.02.09	12:13:10.4	47.9295	20.1282	0.0	1.7	EX	Recsk
242.	2022.02.09	15:13:25.7	47.8209	16.2598	7.2	1.7	EQ	Austria
243.	2022.02.09	20:29:51.6	47.8527	16.2854	0.0	2.2	EQ	Austria
244.	2022.02.09	20:33:27.8	47.9964	16.4750	0.0	-	EQ	Austria
245.	2022.02.10	04:53:29.6	47.8218	16.2471	5.7	1.6	EQ	Austria
246.	2022.02.10	05:14:33.5	47.8324	16.2635	4.2	1.9	EQ	Austria
247.	2022.02.10	08:00:59.0	46.9098	22.7991	0.0	1.7	EX	Romania
248.	2022.02.10	08:53:03.7	47.3439	18.4006	0.0	-	EX	Zámoly
249.	2022.02.10	09:32:36.8	48.5295	17.4651	0.0	2.2	EX	Slovakia
250.	2022.02.10	09:39:12.3	48.3137	18.5225	0.0	2.1	EX	Slovakia
251.	2022.02.10	09:46:32.1	46.0732	22.0385	0.0	1.8	EX	Romania
252.	2022.02.10	09:53:51.3	48.0195	16.1040	0.0	-	EX	Austria
253.	2022.02.10	10:00:00.7	48.5235	20.7856	0.0	1.7	EX	Tornaszentandrás
254.	2022.02.10	13:59:33.6	47.7840	16.2065	11.0	1.0	EQ	Austria
255.	2022.02.10	15:40:03.4	47.8503	16.3229	0.0	1.1	EQ	Austria
256.	2022.02.10	17:22:58.2	47.8521	16.2682	1.6	1.8	EQ	Austria
257.	2022.02.10	22:02:07.8	47.8459	16.2887	8.5	1.3	EQ	Austria
258.	2022.02.10	23:02:02.3	47.7745	16.2961	11.0	-	EQ	Austria
259.	2022.02.11	08:36:15.0	47.0245	22.3141	0.0	2.0	EX	Romania
260.	2022.02.11	09:03:40.9	48.4748	20.7804	0.0	1.4	EX	Martonyi
261.	2022.02.11	11:41:52.9	46.9364	22.3426	0.0	1.7	EX	Romania
262.	2022.02.11	19:53:47.5	46.4441	16.2425	0.0	1.5	EQ	Slovenia
263.	2022.02.12	03:48:59.6	46.4404	16.1972	2.8	-	EQ	Slovenia
264.	2022.02.12	12:13:28.8	45.7022	22.0792	0.0	1.9	EX	Romania
265.	2022.02.12	17:58:50.4	47.8069	16.2856	11.0	-	EQ	Austria
266.	2022.02.12	19:23:24.5	47.8248	16.2532	5.1	1.0	EQ	Austria
267.	2022.02.13	17:18:11.2	46.0586	22.0933	0.0	2.7	EQ	Romania
268.	2022.02.13	17:47:21.6	47.7841	16.2273	9.0	-	EQ	Austria
269.	2022.02.13	19:25:39.7	47.8193	16.2815	0.0	-	EQ	Austria
270.	2022.02.13	23:10:23.9	47.8315	16.3211	11.0	-	EQ	Austria
271.	2022.02.13	23:20:05.7	47.7997	16.2405	11.0	1.0	EQ	Austria
272.	2022.02.13	23:48:24.6	47.7511	16.2580	11.0	-	EQ	Austria
273.	2022.02.14	01:21:24.1	47.8349	16.2808	2.6	1.1	EQ	Austria
274.	2022.02.14	01:53:28.1	47.8323	16.2607	5.5	1.7	EQ	Austria
275.	2022.02.14	05:01:18.8	47.8211	16.2821	11.0	-	EQ	Austria
276.	2022.02.14	10:41:01.6	47.8327	19.1394	0.0	1.8	GT	Sejce-Vác
277.	2022.02.14	12:48:19.4	47.8839	16.0807	0.0	1.1	EX	Austria
278.	2022.02.14	16:16:11.5	47.8170	16.2889	12.0	1.4	EQ	Austria
279.	2022.02.14	17:06:29.7	47.8297	16.2905	3.5	0.9	EQ	Austria
280.	2022.02.14	17:39:43.8	47.8154	16.2933	0.0	0.8	EQ	Austria
281.	2022.02.14	18:12:34.8	47.8224	16.2716	4.1	1.0	EQ	Austria
282.	2022.02.14	18:18:48.0	47.8235	16.2774	3.8	0.8	EQ	Austria
283.	2022.02.14	18:21:29.9	47.8395	16.2660	2.9	1.3	EQ	Austria
284.	2022.02.14	20:03:52.1	47.7837	16.2354	11.0	-	EQ	Austria

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
285.	2022.02.14	20:19:21.0	47.8151	16.2681	4.2	0.9	EQ	Austria
286.	2022.02.14	20:26:53.1	47.8489	16.2929	5.4	1.0	EQ	Austria
287.	2022.02.14	20:28:09.9	47.7396	16.0524	4.6	-	EQ	Austria
288.	2022.02.14	21:08:21.7	47.7475	16.3045	11.0	-	EQ	Austria
289.	2022.02.14	21:13:48.5	47.7955	16.2347	11.0	-	EQ	Austria
290.	2022.02.15	00:43:36.4	47.8144	16.2521	7.1	0.8	EQ	Austria
291.	2022.02.15	02:06:46.6	47.8296	16.2886	0.0	0.8	EQ	Austria
292.	2022.02.15	02:48:10.3	47.8400	16.2556	3.2	2.1	EQ	Austria
293.	2022.02.15	02:57:31.0	47.7926	16.2693	11.0	0.8	EQ	Austria
294.	2022.02.15	04:35:38.1	47.8379	16.2929	0.0	1.3	EQ	Austria
295.	2022.02.15	07:12:42.4	48.0147	16.1107	0.0	-	EX	Austria
296.	2022.02.15	07:21:51.8	47.7903	16.2322	11.0	1.0	EQ	Austria
297.	2022.02.15	07:31:04.5	47.8034	16.2385	9.0	-	EQ	Austria
298.	2022.02.15	08:27:30.0	47.7799	16.2177	11.0	-	EQ	Austria
299.	2022.02.15	09:06:11.5	48.5259	20.7718	0.0	1.6	EX	Tornaszentandrás
300.	2022.02.15	09:43:45.9	48.0471	20.6805	0.0	1.4	GT	Miskolc-Mexikóvölgy
301.	2022.02.15	09:47:51.4	48.4078	19.5390	0.0	1.6	EX	Slovakia
302.	2022.02.15	10:03:14.9	47.4019	18.3702	0.0	-	EX	Gánt
303.	2022.02.15	11:01:04.1	48.1500	16.9908	0.0	1.7	EX	Austria
304.	2022.02.15	11:07:57.0	48.7981	21.6844	0.0	1.7	EX	Slovakia
305.	2022.02.15	19:57:12.6	47.7782	16.2239	11.0	-	EQ	Austria
306.	2022.02.15	23:07:34.6	47.3128	18.3319	3.5	1.3	EQ	Magyaralmás
307.	2022.02.16	08:30:03.7	45.5045	17.3214	0.0	-	EX	Croatia
308.	2022.02.16	10:06:50.8	46.1382	18.2996	0.0	-	EX	Hosszúhetény
309.	2022.02.16	10:44:44.4	48.5055	20.7407	0.0	-	EX	Bódvarákó
310.	2022.02.16	11:49:17.6	47.8476	20.1812	0.0	1.6	EX	Kisnána
311.	2022.02.16	12:25:19.7	47.8829	16.5325	0.0	-	EX	Austria
312.	2022.02.16	13:58:54.5	46.1277	21.6422	0.0	1.5	EX	Romania
313.	2022.02.16	16:16:02.5	48.7491	18.7930	0.0	1.9	EX	Slovakia
314.	2022.02.17	08:38:38.6	47.6540	18.4848	0.0	1.5	EX	Héreg
315.	2022.02.17	08:40:01.8	47.8920	19.4049	0.0	1.4	GT	Bercel
316.	2022.02.17	08:51:49.0	48.4751	17.5066	0.0	-	EX	Slovakia
317.	2022.02.17	09:02:32.8	47.3172	17.6996	0.0	-	EX	Bakonykoppány
318.	2022.02.17	09:29:00.3	47.3498	18.4136	0.0	1.8	EX	Zámoly
319.	2022.02.17	10:08:46.1	48.6084	19.6663	0.0	1.7	EX	Slovakia
320.	2022.02.17	10:30:30.9	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
321.	2022.02.17	11:32:42.6	46.8027	22.8408	0.0	-	EX	Romania
322.	2022.02.17	11:56:01.8	48.4148	20.7773	0.0	1.7	EX	Galvács
323.	2022.02.17	13:55:35.2	47.8851	16.0747	0.0	1.6	EX	Austria
324.	2022.02.17	22:01:40.3	47.7696	16.2175	11.0	0.9	EQ	Austria
325.	2022.02.18	06:56:00.5	47.8437	16.2138	9.0	-	EQ	Austria
326.	2022.02.18	08:30:22.6	47.9590	20.3545	0.0	-	GT	Eger-III.
327.	2022.02.18	08:36:51.9	47.3167	18.3081	0.0	1.8	GT	Magyaralmás
328.	2022.02.18	09:01:35.0	48.5317	20.8454	0.0	1.3	EX	Becskeháza
329.	2022.02.18	10:23:12.2	47.8955	16.5085	0.0	-	EX	Austria
330.	2022.02.18	12:38:28.6	46.8460	22.7077	0.0	-	EX	Romania
331.	2022.02.19	08:19:57.7	46.1772	18.2809	0.0	-	EX	Komló
332.	2022.02.20	06:05:12.2	45.9325	17.2086	4.5	2.1	EQ	Croatia
333.	2022.02.21	10:04:52.0	48.5535	20.8121	0.0	1.7	EX	Bódvalenke
334.	2022.02.21	10:15:41.6	46.0874	22.0287	0.0	1.8	EX	Romania
335.	2022.02.21	12:32:42.2	46.1482	16.4477	0.0	-	EX	Croatia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
336.	2022.02.21	15:45:10.6	47.9048	16.4078	0.0	1.4	EQ	Austria
337.	2022.02.21	20:23:31.5	47.8389	16.2510	9.0	-	EQ	Austria
338.	2022.02.22	09:29:02.2	48.2235	22.1383	35.0	2.0	EQ	Pap
339.	2022.02.22	09:43:09.9	48.5376	20.8210	0.0	1.8	EX	Bódvalenke
340.	2022.02.22	10:00:01.4	48.4242	17.2739	0.0	2.0	EX	Slovakia
341.	2022.02.22	10:06:48.8	48.4768	17.5245	0.0	-	EX	Slovakia
342.	2022.02.22	13:18:23.7	47.9364	16.0202	0.0	-	EX	Austria
343.	2022.02.22	19:37:57.0	48.2307	22.2204	11.7	2.0	EQ	Újkenéz
344.	2022.02.23	07:45:32.9	48.4561	21.6561	0.0	1.8	EX	Slovakia
345.	2022.02.23	08:37:41.2	48.0471	20.6805	0.0	-	GT	Miskolc-Mexikóvölgy
346.	2022.02.23	09:28:43.5	48.4493	17.5507	0.0	-	EX	Slovakia
347.	2022.02.23	09:39:50.1	48.3500	21.1820	0.0	1.5	EX	Hernádcéce
348.	2022.02.23	11:01:32.8	48.0993	18.9478	0.0	2.1	EX	Slovakia
349.	2022.02.23	13:14:27.4	46.9025	22.7423	0.0	-	EX	Romania
350.	2022.02.23	17:45:31.2	47.7876	16.2272	11.5	1.1	EQ	Austria
351.	2022.02.24	07:56:58.9	47.3783	18.2947	0.0	-	EX	Csókakő
352.	2022.02.24	09:12:52.2	48.9291	21.1876	0.0	2.0	EX	Slovakia
353.	2022.02.24	09:51:31.4	48.0514	21.3651	0.0	-	EX	Tiszatardos
354.	2022.02.24	10:08:43.1	48.5414	20.7798	0.0	1.9	EX	Komjáti
355.	2022.02.24	11:09:03.8	48.4994	19.3555	0.0	2.0	EX	Slovakia
356.	2022.02.24	12:47:34.7	45.5364	16.0747	0.0	2.4	EQ	Croatia
357.	2022.02.24	13:02:34.9	47.8899	16.0725	0.0	-	EX	Austria
358.	2022.02.24	20:53:53.0	47.6176	16.2362	7.0	1.1	EQ	Austria
359.	2022.02.25	08:03:40.3	47.2815	17.6636	0.0	2.0	EX	Bakonykoppány
360.	2022.02.25	09:37:17.6	48.4667	20.7049	0.0	-	EX	Perkupa
361.	2022.02.25	10:30:12.9	48.4524	17.5639	0.0	-	EX	Slovakia
362.	2022.02.25	11:01:28.9	46.1563	16.0180	9.0	1.8	EQ	Croatia
363.	2022.02.25	16:20:25.9	45.8957	17.0748	12.0	2.2	EQ	Croatia
364.	2022.02.25	18:26:13.0	47.9382	16.4448	11.0	1.5	EQ	Austria
365.	2022.02.26	09:45:17.9	46.1501	18.2948	0.0	1.5	EX	Mánfa
366.	2022.02.26	22:49:27.1	46.2072	16.5432	7.3	2.8	EQ	Croatia
367.	2022.02.28	08:02:00.4	48.9745	19.3499	0.0	1.9	EX	Slovakia
368.	2022.02.28	08:26:34.8	47.8609	19.9374	0.0	2.0	EX	Gyöngyösoroszi
369.	2022.02.28	08:28:39.6	48.9917	16.3393	0.0	2.1	EX	Czech
370.	2022.02.28	08:49:44.6	48.0206	19.9664	4.2	2.0	EQ	Mátraterenye
371.	2022.02.28	09:19:55.3	47.8719	16.0588	0.0	-	EX	Austria
372.	2022.02.28	09:32:06.9	48.3908	19.5338	0.0	1.7	EX	Slovakia
373.	2022.02.28	10:05:34.6	48.5360	19.2847	0.0	1.9	EX	Slovakia
374.	2022.02.28	11:27:08.6	48.8046	21.6034	0.0	-	EX	Slovakia
375.	2022.02.28	13:42:05.6	47.8892	20.1134	0.0	1.7	EX	Kisnána
376.	2022.02.28	16:24:29.9	45.5109	16.3574	0.0	2.1	EQ	Croatia
377.	2022.02.28	21:45:52.2	47.8173	16.2787	0.0	0.8	EQ	Austria
378.	2022.03.01	01:13:16.7	47.1216	16.0907	0.0	1.9	EQ	Austria
379.	2022.03.01	02:26:17.5	46.4574	17.7035	9.5	1.7	EQ	Csombárd
380.	2022.03.01	07:00:04.2	48.9886	19.4105	0.0	1.8	EX	Slovakia
381.	2022.03.01	07:38:34.8	47.3024	18.2705	0.0	-	EX	Fehérvárcsurgó
382.	2022.03.01	09:25:42.1	48.0471	20.6805	0.0	1.6	GT	Miskolc-Mexikóvölgy
383.	2022.03.01	09:49:42.4	48.2100	21.3159	0.0	1.6	EX	Mád
384.	2022.03.01	10:01:10.7	48.4717	17.5628	0.0	-	EX	Slovakia
385.	2022.03.01	10:24:58.9	48.4826	17.5550	0.0	-	EX	Slovakia
386.	2022.03.01	10:52:11.2	48.4842	20.7689	0.0	1.8	EX	Martonyi



	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
387.	2022.03.01	11:00:11.1	48.1021	17.0150	0.0	-	EX	Austria
388.	2022.03.01	12:13:58.1	47.8799	16.0729	0.0	1.5	EX	Austria
389.	2022.03.01	12:23:18.2	47.8829	16.0759	0.0	1.4	EX	Austria
390.	2022.03.02	08:02:55.5	47.9828	20.3456	0.0	1.4	EX	Szarvaskő
391.	2022.03.02	08:36:44.2	48.4866	21.4909	0.0	-	EX	Filkeháza
392.	2022.03.02	08:52:30.8	48.4648	17.5602	0.0	-	EX	Slovakia
393.	2022.03.02	09:25:33.1	48.5370	20.8221	0.0	1.8	EX	Becskeháza
394.	2022.03.02	10:16:38.9	48.8633	21.0935	0.0	-	EX	Slovakia
395.	2022.03.02	11:16:35.5	46.1055	18.0610	0.0	1.6	EX	Bakonya
396.	2022.03.02	11:21:53.9	48.5871	20.8075	0.0	1.6	EX	Slovakia
397.	2022.03.03	01:28:54.6	45.5099	16.0230	13.0	-	EQ	Croatia
398.	2022.03.03	07:28:23.6	48.0885	16.1784	0.0	1.2	EX	Austria
399.	2022.03.03	08:46:45.8	48.6162	19.9479	0.0	-	EX	Slovakia
400.	2022.03.03	08:55:06.2	47.4049	18.3717	0.0	-	EX	Gánt
401.	2022.03.03	09:09:56.0	47.8532	19.8225	0.0	-	EX	Gyöngyöspata
402.	2022.03.03	09:22:00.9	48.4138	17.2918	0.0	-	EX	Slovakia
403.	2022.03.03	09:29:36.4	48.7138	21.0555	0.0	-	EX	Slovakia
404.	2022.03.03	09:57:34.1	48.7127	17.7910	0.0	1.6	EX	Slovakia
405.	2022.03.03	10:05:43.8	47.8327	19.1394	0.0	1.6	GT	Sejce-Vác
406.	2022.03.03	10:38:14.4	48.5221	20.8068	0.0	1.8	EX	Bódvalenke
407.	2022.03.03	14:35:14.5	48.9367	17.7322	0.0	-	EX	Czech
408.	2022.03.04	08:32:30.6	48.5026	17.5254	0.0	-	EX	Slovakia
409.	2022.03.04	08:49:15.6	48.4875	19.3699	0.0	1.8	EX	Slovakia
410.	2022.03.04	09:01:48.8	48.4156	19.1322	0.0	1.9	EX	Slovakia
411.	2022.03.04	11:10:10.5	47.9115	19.4096	0.0	1.9	EX	Becske
412.	2022.03.04	12:01:19.3	48.6849	18.7845	0.0	1.9	EX	Slovakia
413.	2022.03.05	09:00:42.4	46.1574	18.2846	0.0	1.6	EX	Mánfa
414.	2022.03.05	09:16:23.0	48.0061	19.6278	0.0	1.4	GT	Nagylóc
415.	2022.03.05	22:02:29.8	45.5681	18.3115	0.0	2.2	EQ	Croatia
416.	2022.03.07	09:47:02.1	48.4533	20.7467	0.0	1.0	EX	Szalonna
417.	2022.03.07	10:46:18.7	48.2285	21.2475	0.0	1.9	EX	Tállya
418.	2022.03.07	11:00:42.0	48.5381	20.7841	0.0	1.4	EX	Bódvalenke
419.	2022.03.07	12:56:22.8	47.8603	20.1579	0.0	1.3	EX	Kisnána
420.	2022.03.08	09:40:59.6	47.3377	18.4170	0.0	-	EX	Zámoly
421.	2022.03.08	09:56:15.2	48.5402	20.7817	0.0	-	EX	Komjáti
422.	2022.03.08	10:21:18.4	47.7239	19.3980	0.0	1.5	EX	Galgagyörk
423.	2022.03.08	11:54:07.7	48.5479	21.7546	0.0	1.8	EX	Slovakia
424.	2022.03.09	04:06:58.6	45.9754	17.2004	12.0	2.0	EQ	Croatia
425.	2022.03.09	10:00:00.8	48.5240	20.7647	0.0	-	EX	Tornaszentandrás
426.	2022.03.09	10:56:51.2	47.8327	19.1394	0.0	1.5	GT	Sejce-Vác
427.	2022.03.09	12:03:12.0	48.6176	20.1798	0.0	1.2	EX	Slovakia
428.	2022.03.09	17:54:52.5	45.5032	16.2019	13.0	-	EQ	Croatia
429.	2022.03.10	08:58:17.8	48.2221	21.2274	0.0	1.6	EX	Rátka
430.	2022.03.10	09:29:47.2	48.5638	20.8044	0.0	-	EX	Tornanádaska
431.	2022.03.10	09:57:24.1	48.4370	19.1465	0.0	1.8	EX	Slovakia
432.	2022.03.10	10:56:18.5	48.8860	21.0013	0.0	1.8	EX	Slovakia
433.	2022.03.10	11:05:43.9	48.7775	20.0893	0.0	-	EX	Slovakia
434.	2022.03.10	12:35:40.6	46.1768	16.4147	0.0	-	EX	Croatia
435.	2022.03.11	04:35:09.6	48.0242	19.9645	4.2	1.5	EQ	Mátraterenyé
436.	2022.03.11	07:42:22.4	48.0246	20.6853	0.0	1.2	EX	Kisgyőr
437.	2022.03.11	08:16:18.9	47.6997	18.4915	0.0	1.9	EX	Tardos

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
438.	2022.03.11	08:42:10.0	47.4649	18.6869	0.0	1.8	EX	Bicske
439.	2022.03.11	09:10:14.5	48.4806	17.5270	0.0	-	EX	Slovakia
440.	2022.03.11	09:59:28.1	47.0710	17.9602	0.0	-	EX	Szentkirályszabadja
441.	2022.03.11	10:44:32.2	48.4159	17.2858	0.0	2.0	EX	Slovakia
442.	2022.03.11	11:03:33.3	47.8427	20.1659	0.0	1.4	EX	Kisnána
443.	2022.03.11	11:48:17.8	47.0170	22.2107	0.6	2.3	EQ	Romania
444.	2022.03.11	12:07:25.5	47.5577	18.4810	0.0	1.6	GT	Tatabánya
445.	2022.03.12	07:30:57.7	46.1336	21.3352	15.0	-	EQ	Romania
446.	2022.03.12	11:39:03.1	47.0018	19.5560	3.8	2.1	EQ	Lajosmizse
447.	2022.03.13	03:41:16.0	45.9165	16.0325	0.0	1.5	EQ	Croatia
448.	2022.03.13	06:53:29.7	45.9032	16.0262	9.0	1.3	EQ	Croatia
449.	2022.03.13	11:51:43.2	45.6186	21.2645	5.8	1.9	EQ	Romania
450.	2022.03.14	10:01:15.4	48.5120	19.3138	0.0	1.7	EX	Slovakia
451.	2022.03.14	11:27:14.2	48.4870	20.7921	0.0	1.4	EX	Tornabarakony
452.	2022.03.15	00:33:22.6	47.7994	16.2431	11.0	-	EQ	Austria
453.	2022.03.15	01:07:44.2	47.8298	16.2740	0.0	-	EQ	Austria
454.	2022.03.15	04:31:02.8	47.8212	16.2959	0.0	-	EQ	Austria
455.	2022.03.15	09:36:05.0	48.8878	21.0925	0.0	1.5	EX	Slovakia
456.	2022.03.15	10:20:20.5	48.5299	20.7808	0.0	1.4	EX	Tornaszentandrás
457.	2022.03.15	12:16:20.1	48.3396	18.1343	0.0	1.7	EX	Slovakia
458.	2022.03.15	12:22:25.6	47.8972	16.0903	0.0	-	EX	Austria
459.	2022.03.15	12:58:06.4	48.8894	20.7267	0.0	1.6	EX	Slovakia
460.	2022.03.16	08:38:40.2	47.9968	16.7041	0.0	-	EX	Austria
461.	2022.03.16	08:54:18.7	48.5231	20.7956	0.0	1.2	EX	Tornaszentandrás
462.	2022.03.16	09:27:40.2	47.3613	18.4043	0.0	1.8	EX	Gánt
463.	2022.03.16	09:39:25.0	48.3198	19.8590	0.0	2.0	EX	Slovakia
464.	2022.03.16	10:24:06.9	47.5614	18.4387	0.0	1.4	EX	Tatabánya
465.	2022.03.16	11:02:31.0	46.1360	16.1353	0.0	2.0	EX	Croatia
466.	2022.03.16	12:21:28.3	45.5251	17.3110	0.0	-	EX	Croatia
467.	2022.03.16	20:55:36.4	45.9714	16.0627	8.0	1.4	EQ	Croatia
468.	2022.03.17	09:30:07.4	48.4902	17.5196	0.0	-	EX	Slovakia
469.	2022.03.17	09:47:28.9	48.2160	21.2126	0.0	1.9	EX	Rátka
470.	2022.03.17	09:59:05.1	48.4936	20.7922	0.0	1.3	EX	Tornabarakony
471.	2022.03.17	14:48:58.6	47.9087	19.7881	0.0	0.7	EX	Tar
472.	2022.03.17	15:32:56.1	47.7466	19.8572	0.0	1.1	EX	Nagyréde
473.	2022.03.18	05:44:02.0	47.8161	16.2867	0.0	-	EQ	Austria
474.	2022.03.18	08:27:12.5	46.0544	22.8741	0.0	2.0	EX	Romania
475.	2022.03.18	09:29:38.9	48.0434	20.7414	0.0	-	EX	Kisgyőr
476.	2022.03.18	10:41:44.4	48.8833	21.3553	0.0	1.7	EX	Slovakia
477.	2022.03.18	12:01:01.5	47.9219	16.1064	0.0	-	EX	Austria
478.	2022.03.18	12:22:19.1	47.1112	18.0767	0.0	1.8	EX	Vilonya
479.	2022.03.18	12:41:46.2	48.6089	20.2022	0.0	-	EX	Slovakia
480.	2022.03.19	09:06:32.7	46.0974	18.3234	0.0	1.5	EX	Bogád
481.	2022.03.19	19:50:12.2	47.8200	16.2440	5.5	1.8	EQ	Austria
482.	2022.03.20	03:16:50.0	47.9515	16.4062	6.0	2.4	EQ	Austria
483.	2022.03.21	07:07:41.4	47.7351	16.2037	16.4	-	EQ	Austria
484.	2022.03.21	07:54:57.5	47.8327	19.1394	0.0	1.4	GT	Sejce-Vác
485.	2022.03.21	09:41:37.1	48.5366	20.7932	0.0	1.8	EX	Bódvalenke
486.	2022.03.21	10:38:55.1	48.3240	19.8458	0.0	1.8	EX	Slovakia
487.	2022.03.21	11:11:00.3	47.8481	20.1807	0.0	1.6	EX	Kisnána
488.	2022.03.21	13:16:27.8	47.8877	16.0809	0.0	-	EX	Austria

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
489.	2022.03.21	18:05:20.9	47.7464	18.3143	12.0	1.3	EQ	Dunaalmás
490.	2022.03.22	08:17:40.6	47.9487	20.3758	0.0	1.4	EX	Felsőtárkány
491.	2022.03.22	08:23:09.9	47.9816	16.6627	0.0	-	EX	Austria
492.	2022.03.22	09:31:01.0	48.4085	17.3374	0.0	-	EX	Slovakia
493.	2022.03.22	10:03:31.4	48.8874	21.1238	0.0	-	EX	Slovakia
494.	2022.03.22	10:14:09.5	45.6299	17.2898	0.0	2.1	EX	Croatia
495.	2022.03.22	10:20:49.5	47.4150	18.3231	0.0	-	EX	Gánt
496.	2022.03.22	10:21:49.6	47.4045	18.3731	0.0	-	EX	Gánt
497.	2022.03.22	10:29:35.3	48.5438	20.8260	0.0	1.7	EX	Bódvalenke
498.	2022.03.22	11:24:05.8	47.8504	20.1436	0.0	1.8	EX	Kisnána
499.	2022.03.22	23:37:06.9	45.8721	16.0042	9.0	2.3	EQ	Croatia
500.	2022.03.23	01:26:16.6	47.9747	20.3829	0.0	-	EQ	Felsőtárkány
501.	2022.03.23	08:50:53.9	48.4711	17.4264	0.0	1.7	EX	Slovakia
502.	2022.03.23	09:08:44.1	47.6938	18.5543	0.0	1.9	EX	Nagysáp
503.	2022.03.23	09:19:13.9	46.1129	18.0631	0.0	1.4	EX	Hetvehely
504.	2022.03.23	10:13:11.9	48.5026	20.7909	0.0	1.6	EX	Tornaszentandrás
505.	2022.03.23	11:01:09.0	47.3099	17.6778	0.0	-	EX	Bakonykoppány
506.	2022.03.23	11:27:48.7	48.8714	20.7214	0.0	1.6	EX	Slovakia
507.	2022.03.24	00:16:42.1	47.7784	16.0756	4.0	1.8	EQ	Austria
508.	2022.03.24	08:01:58.6	48.4568	19.5476	0.0	1.6	EX	Slovakia
509.	2022.03.24	09:21:25.8	48.5329	17.4693	0.0	-	EX	Slovakia
510.	2022.03.24	09:27:00.1	48.5510	20.7996	0.0	1.6	EX	Bódvalenke
511.	2022.03.24	10:00:02.2	48.4265	17.2449	0.0	1.6	EX	Slovakia
512.	2022.03.24	10:02:15.6	48.2782	19.8463	0.0	1.8	EX	Slovakia
513.	2022.03.24	10:44:17.9	48.4598	21.4002	0.0	-	EX	Telkibánya
514.	2022.03.25	07:42:07.7	47.9704	20.3715	0.0	1.1	EX	Felsőtárkány
515.	2022.03.25	08:08:54.5	47.9813	16.6445	0.0	-	EX	Austria
516.	2022.03.25	09:10:45.1	48.8374	21.2921	0.0	1.6	EX	Slovakia
517.	2022.03.25	09:36:50.5	48.2258	18.8183	0.0	1.8	EX	Slovakia
518.	2022.03.25	10:30:40.1	48.4137	21.4286	0.0	1.4	EX	Háromhuta
519.	2022.03.25	11:03:47.5	48.1158	18.9765	0.0	1.7	EX	Slovakia
520.	2022.03.25	11:32:34.1	47.5577	18.4810	0.0	-	GT	Tatabánya
521.	2022.03.25	12:32:02.6	47.8621	20.1540	0.0	1.6	EX	Kisnána
522.	2022.03.25	12:50:27.7	48.4899	20.8005	0.0	-	EX	Tornabarakony
523.	2022.03.25	20:30:13.9	45.7108	20.4665	16.0	-	EQ	Serbia
524.	2022.03.26	09:55:48.5	46.1649	18.2829	0.0	-	EX	Mánfa
525.	2022.03.26	10:17:44.8	48.2326	21.2233	0.0	1.8	EX	Tállya
526.	2022.03.27	00:26:33.3	47.8066	16.2467	3.8	1.2	EQ	Austria
527.	2022.03.27	11:14:28.1	48.2487	21.5521	10.0	-	EQ	Sárazsadány
528.	2022.03.27	21:20:38.2	47.8200	16.2816	0.0	-	EQ	Austria
529.	2022.03.28	07:31:00.4	48.0471	20.6805	0.0	1.6	GT	Miskolc-Mexikóvölgy
530.	2022.03.28	07:39:25.4	48.0471	20.6805	0.0	1.5	GT	Miskolc-Mexikóvölgy
531.	2022.03.28	07:45:29.3	45.9375	18.3816	0.0	1.0	EX	Újpetre
532.	2022.03.28	07:53:21.1	48.2096	21.4755	0.0	1.8	EX	Viss
533.	2022.03.28	09:00:19.4	48.5177	20.7620	0.0	1.6	EX	Tornaszentandrás
534.	2022.03.28	10:00:18.7	48.1276	17.0002	0.0	2.0	EX	Austria
535.	2022.03.28	10:04:41.7	47.3845	18.3782	0.0	2.1	EX	Gánt
536.	2022.03.28	10:58:08.1	48.4719	19.5685	0.0	2.0	EX	Slovakia
537.	2022.03.28	13:51:54.2	47.9253	16.1082	0.0	-	EX	Austria
538.	2022.03.28	13:58:41.8	47.8668	16.0495	0.0	-	EX	Austria
539.	2022.03.29	07:40:51.0	46.8764	22.7307	0.0	-	EX	Romania

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
540.	2022.03.29	08:03:16.4	48.5112	17.5133	0.0	-	EX	Slovakia
541.	2022.03.29	08:07:38.5	48.8616	21.1289	0.0	1.6	EX	Slovakia
542.	2022.03.29	08:46:51.4	47.8327	19.1394	0.0	1.5	GT	Sejce-Vác
543.	2022.03.29	09:26:02.7	46.1233	21.6015	0.0	2.3	EX	Romania
544.	2022.03.29	11:36:49.4	47.8156	19.1193	0.0	1.6	EX	Kosd
545.	2022.03.29	19:24:28.1	47.9378	20.1033	0.0	0.7	EQ	Recsk
546.	2022.03.30	06:07:20.1	47.3167	18.3081	0.0	1.6	GT	Magyaralmás
547.	2022.03.30	08:02:49.2	47.4215	18.3826	0.0	1.6	EX	Gánt
548.	2022.03.30	08:11:30.1	48.5878	20.7892	0.0	1.3	EX	Slovakia
549.	2022.03.30	08:52:32.9	46.5011	17.1416	0.0	1.8	EX	Zalaszentjakab
550.	2022.03.30	08:59:53.5	48.8118	16.1575	0.0	1.8	EX	Czech
551.	2022.03.30	09:56:43.5	47.9338	16.2891	11.0	-	EQ	Austria
552.	2022.03.31	09:16:20.9	46.8887	22.7670	0.0	-	EX	Romania
553.	2022.03.31	09:23:45.1	48.3904	19.1009	0.0	1.8	EX	Slovakia
554.	2022.03.31	09:45:49.7	48.2281	21.2070	0.0	1.8	EX	Golop
555.	2022.03.31	09:59:59.8	48.1183	16.9837	0.0	-	EX	Austria
556.	2022.03.31	12:20:36.3	47.8816	16.4718	0.0	-	EX	Austria
557.	2022.04.01	07:39:01.0	48.5092	20.7141	0.0	1.4	EX	Bódvarákó
558.	2022.04.01	08:00:58.4	48.2205	18.7728	0.0	1.8	EX	Slovakia
559.	2022.04.01	08:20:40.5	46.0907	22.8008	0.0	1.8	EX	Romania
560.	2022.04.01	08:45:56.2	47.5319	18.7175	0.0	1.2	EX	Zsámbék
561.	2022.04.01	09:17:32.0	48.8640	21.3464	0.0	-	EX	Slovakia
562.	2022.04.02	03:49:28.1	47.9826	20.3147	5.0	1.3	EQ	Szarvaskő
563.	2022.04.02	08:09:48.2	46.1412	18.2891	0.0	-	EX	Mánfa
564.	2022.04.02	08:22:08.0	45.6015	16.0459	5.0	1.7	EQ	Croatia
565.	2022.04.02	12:35:29.7	46.1312	16.0044	0.0	2.0	EX	Croatia
566.	2022.04.02	14:42:05.3	47.8569	18.7650	0.0	1.6	EX	Slovakia
567.	2022.04.03	01:28:58.1	47.9619	18.8692	10.0	-	EQ	Perőcsény
568.	2022.04.03	15:32:53.3	46.2132	16.4800	5.0	1.3	EQ	Croatia
569.	2022.04.03	17:23:14.9	46.2338	16.5610	5.0	-	EQ	Croatia
570.	2022.04.03	21:35:01.1	46.2592	16.4016	5.0	1.5	EQ	Croatia
571.	2022.04.03	21:45:49.7	45.6437	18.6983	8.0	1.3	EQ	Croatia
572.	2022.04.04	07:25:05.3	48.4334	17.2883	0.0	-	EX	Slovakia
573.	2022.04.04	08:06:12.5	48.1042	21.3105	0.0	1.5	EX	Tarcal
574.	2022.04.04	08:28:45.9	48.5144	17.5245	0.0	1.6	EX	Slovakia
575.	2022.04.04	08:42:44.7	47.9768	16.1880	0.0	-	EX	Austria
576.	2022.04.04	09:18:18.7	48.8146	21.0512	0.0	-	EX	Slovakia
577.	2022.04.04	09:51:22.5	48.5523	20.8366	0.0	1.3	EX	Slovakia
578.	2022.04.04	13:48:49.5	47.8970	16.0866	0.0	1.7	EX	Austria
579.	2022.04.05	07:39:06.1	48.2472	21.2144	0.0	1.0	EX	Tállya
580.	2022.04.05	08:13:55.9	47.9590	20.3545	0.0	1.0	GT	Eger-III.
581.	2022.04.05	09:21:41.2	48.7175	18.6841	0.0	2.1	EX	Slovakia
582.	2022.04.05	09:36:21.8	48.4887	20.3517	0.0	1.3	EX	Slovakia
583.	2022.04.05	10:35:39.0	48.6664	21.1835	0.0	1.2	EX	Slovakia
584.	2022.04.05	11:16:51.1	47.3619	18.4232	0.0	-	EX	Gánt
585.	2022.04.05	19:12:57.6	45.7185	20.8624	12.0	-	EQ	Romania
586.	2022.04.05	23:54:12.4	45.5854	16.0668	5.0	2.2	EQ	Croatia
587.	2022.04.06	02:03:26.7	45.5175	20.9570	5.0	1.5	EQ	Romania
588.	2022.04.06	07:29:26.2	47.3008	18.3183	0.0	1.7	EX	Magyaralmás
589.	2022.04.06	07:58:38.3	48.5025	17.5235	0.0	-	EX	Slovakia
590.	2022.04.06	08:22:36.9	48.5185	20.8681	0.0	-	EX	Tornaszentjakab

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
591.	2022.04.06	08:44:52.6	48.5302	19.3164	0.0	1.7	EX	Slovakia
592.	2022.04.06	08:53:42.6	48.7454	19.9756	15.3	1.5	EQ	Slovakia
593.	2022.04.06	11:00:02.7	48.1181	18.9862	0.0	1.4	EX	Slovakia
594.	2022.04.06	11:30:25.8	48.0956	19.0027	0.0	1.5	EX	Slovakia
595.	2022.04.06	13:53:53.9	47.7541	16.3289	17.0	1.1	EQ	Austria
596.	2022.04.06	15:00:55.4	45.5836	16.0680	5.0	2.7	EQ	Croatia
597.	2022.04.06	17:04:03.3	48.7001	19.2709	7.5	2.4	EQ	Slovakia
598.	2022.04.07	07:13:24.8	48.0471	20.6805	0.0	1.6	GT	Miskolc-Mexikóvölgy
599.	2022.04.07	08:14:12.4	48.4737	21.4527	0.0	-	EX	Bózsva
600.	2022.04.07	08:18:27.8	48.4603	17.2350	0.0	-	EX	Slovakia
601.	2022.04.07	08:34:07.7	48.9311	19.8546	0.0	1.6	EX	Slovakia
602.	2022.04.07	09:18:27.1	48.5436	20.8174	0.0	-	EX	Bódvalenke
603.	2022.04.07	09:25:22.0	47.3550	18.4161	0.0	-	EX	Zámoly
604.	2022.04.07	09:43:52.1	48.3728	21.3213	0.0	1.4	EX	Mogyoróska
605.	2022.04.07	10:27:45.7	48.3347	19.8247	0.0	1.6	EX	Slovakia
606.	2022.04.07	11:31:16.6	47.5687	16.3743	0.0	-	EX	Austria
607.	2022.04.07	13:43:41.3	47.8826	16.0698	0.0	-	EX	Austria
608.	2022.04.08	06:51:18.6	46.0643	22.8607	0.0	-	EX	Romania
609.	2022.04.08	08:44:40.4	46.0635	22.9076	0.0	1.6	EX	Romania
610.	2022.04.08	09:12:20.7	47.8327	19.1394	0.0	-	GT	Sejce-Vác
611.	2022.04.08	09:41:28.4	48.2378	21.2234	0.0	1.8	EX	Tállya
612.	2022.04.08	09:57:35.4	48.4965	19.3404	0.0	1.6	EX	Slovakia
613.	2022.04.08	11:35:14.2	48.4141	17.2769	0.0	1.9	EX	Slovakia
614.	2022.04.09	00:26:56.4	46.0153	20.8449	17.3	1.9	EQ	Romania
615.	2022.04.09	08:36:55.6	46.1383	18.3001	0.0	-	EX	Hosszúhetény
616.	2022.04.11	02:01:03.7	47.9928	19.9769	10.9	-	EQ	Mátraballa
617.	2022.04.11	04:03:15.7	48.0026	19.9992	5.0	1.1	EQ	Mátraballa
618.	2022.04.11	06:37:58.5	47.0456	17.9376	0.0	1.7	EX	Szentkirályszabadja
619.	2022.04.11	08:01:15.6	48.6811	18.4181	0.0	2.1	EX	Slovakia
620.	2022.04.11	08:12:21.1	46.8866	22.7896	0.0	-	EX	Romania
621.	2022.04.11	08:14:14.9	48.4919	20.8419	0.0	-	EX	Tornabarakony
622.	2022.04.11	08:55:04.1	48.7423	18.7315	0.0	2.0	EX	Slovakia
623.	2022.04.11	10:40:56.0	48.3410	19.8632	0.0	1.5	EX	Slovakia
624.	2022.04.12	04:11:42.4	45.7255	21.7729	2.9	2.0	EQ	Romania
625.	2022.04.12	07:01:10.8	47.3637	18.3913	0.0	2.0	EX	Gánt
626.	2022.04.12	07:23:18.4	47.9636	16.6593	0.0	-	EX	Austria
627.	2022.04.12	07:46:58.7	48.5425	20.8556	0.0	-	EX	Becskeháza
628.	2022.04.12	08:35:43.6	48.6388	19.9338	0.0	1.4	EX	Slovakia
629.	2022.04.12	09:05:25.1	48.4666	20.3982	0.0	1.2	EX	Slovakia
630.	2022.04.12	09:55:45.1	48.6399	19.6512	0.0	1.8	EX	Slovakia
631.	2022.04.12	10:08:43.0	47.3141	18.3081	0.0	1.8	EX	Söréd
632.	2022.04.12	14:36:01.6	47.1743	19.2909	0.0	1.8	EX	Dabas
633.	2022.04.13	08:04:41.5	48.9137	19.3619	0.0	1.5	EX	Slovakia
634.	2022.04.13	10:47:35.7	47.5577	18.4810	0.0	-	GT	Tatabánya
635.	2022.04.13	11:07:18.4	47.8830	16.0442	0.0	-	EX	Austria
636.	2022.04.14	06:24:19.1	48.4000	17.4025	0.0	-	EX	Slovakia
637.	2022.04.14	07:15:29.4	47.8327	19.1394	0.0	1.4	GT	Sejce-Vác
638.	2022.04.14	08:04:25.1	48.5626	20.7270	0.0	1.2	EX	Slovakia
639.	2022.04.14	08:12:23.6	47.3643	18.3934	0.0	1.8	EX	Gánt
640.	2022.04.14	08:46:28.4	47.8327	19.1394	0.0	1.3	GT	Sejce-Vác
641.	2022.04.14	08:54:57.5	48.5570	17.4988	0.0	1.7	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
642.	2022.04.14	08:57:17.4	48.2479	21.2117	0.0	1.9	EX	Tálya
643.	2022.04.14	09:53:49.7	46.6021	22.5147	0.0	-	EX	Romania
644.	2022.04.14	10:09:04.4	48.8429	21.3644	0.0	1.5	EX	Slovakia
645.	2022.04.14	10:23:24.8	48.7687	18.2250	0.0	1.1	EX	Slovakia
646.	2022.04.14	11:16:56.2	47.8694	16.0688	0.0	-	EX	Austria
647.	2022.04.14	12:03:07.2	47.8145	18.3733	5.1	1.8	EQ	Slovakia
648.	2022.04.14	14:45:50.9	45.7303	21.7373	7.2	1.6	EQ	Romania
649.	2022.04.14	23:43:39.2	46.1559	17.7716	9.0	1.1	EQ	Somogyhárság
650.	2022.04.15	00:00:39.9	46.1522	17.7729	14.2	1.1	EQ	Somogyhárság
651.	2022.04.15	08:09:35.8	47.9774	16.6455	0.0	1.5	EX	Austria
652.	2022.04.15	10:16:12.4	46.0239	22.8772	0.0	1.7	EX	Romania
653.	2022.04.17	15:17:01.9	48.9397	21.9546	7.9	1.6	EQ	Slovakia
654.	2022.04.18	09:38:35.2	45.5428	16.1056	13.0	-	EQ	Croatia
655.	2022.04.18	19:55:47.1	47.1196	19.7493	8.0	1.9	EQ	Csemő
656.	2022.04.19	07:41:01.4	47.3557	18.4098	0.0	-	EX	Gánt
657.	2022.04.19	08:28:20.8	48.8552	21.0853	0.0	-	EX	Slovakia
658.	2022.04.19	08:40:34.3	48.5438	20.7725	0.0	1.1	EX	Komjáti
659.	2022.04.19	09:12:09.2	46.8689	22.8312	0.0	1.5	EX	Romania
660.	2022.04.19	09:52:24.0	47.8794	16.0725	0.0	1.6	EX	Austria
661.	2022.04.19	10:24:33.5	47.9339	20.0812	0.0	2.1	EX	Mátraderecske
662.	2022.04.19	11:19:42.5	46.0090	21.7629	0.0	1.2	EX	Romania
663.	2022.04.19	13:25:50.9	48.5165	22.9838	0.0	1.9	EX	Ukraine
664.	2022.04.20	01:45:31.7	45.5128	16.2974	5.0	2.0	EQ	Croatia
665.	2022.04.20	07:07:59.2	46.0330	22.8945	0.0	1.4	EX	Romania
666.	2022.04.20	07:41:05.5	48.5519	20.7764	0.0	1.3	EX	Tornanádaska
667.	2022.04.20	07:45:00.3	48.0471	20.6805	0.0	1.1	GT	Miskolc-Mexikóvölgy
668.	2022.04.20	07:54:00.8	46.9790	17.3040	0.0	-	GT	Sümege
669.	2022.04.20	08:02:20.0	48.4785	21.4474	0.0	1.1	EX	Bózsza
670.	2022.04.21	09:22:25.7	48.5740	20.8200	0.0	1.6	EX	Slovakia
671.	2022.04.21	11:26:58.0	47.8903	16.0740	0.0	-	EX	Austria
672.	2022.04.21	11:49:33.9	48.4266	17.2689	0.0	1.8	EX	Slovakia
673.	2022.04.22	07:29:48.2	47.3247	17.6711	0.0	1.9	EX	Bakonykoppány
674.	2022.04.22	07:44:50.0	47.3765	18.3730	0.0	-	EX	Gánt
675.	2022.04.22	08:18:30.9	47.9614	19.5550	0.0	1.3	EX	Kutasó
676.	2022.04.22	09:02:43.8	48.8216	21.2311	0.0	-	EX	Slovakia
677.	2022.04.22	12:27:05.5	47.3220	17.6902	0.0	1.6	EX	Bakonykoppány
678.	2022.04.23	03:26:56.8	47.8463	16.2979	11.0	-	EQ	Austria
679.	2022.04.23	07:37:55.9	46.1442	18.3032	0.0	-	EX	Hosszúhetény
680.	2022.04.24	06:21:28.8	45.6841	17.4363	11.1	2.5	EQ	Croatia
681.	2022.04.25	08:13:00.1	48.3197	19.8841	0.0	1.8	EX	Slovakia
682.	2022.04.25	11:01:09.2	47.8741	18.8785	0.0	1.5	EX	Márianosztra
683.	2022.04.26	07:04:08.4	47.9640	16.6935	0.0	-	EX	Austria
684.	2022.04.26	08:41:45.8	47.9068	19.4017	0.0	-	EX	Becske
685.	2022.04.26	11:51:34.2	47.8931	16.0994	0.0	-	EX	Austria
686.	2022.04.27	00:27:38.3	45.8866	21.2196	35.0	1.6	EQ	Romania
687.	2022.04.27	07:11:27.7	47.6637	18.4848	0.0	1.8	EX	Héreg
688.	2022.04.27	08:50:30.9	48.5525	20.8063	0.0	1.4	EX	Bódvalenke
689.	2022.04.27	10:07:23.2	48.7842	21.6089	0.0	2.1	EX	Slovakia
690.	2022.04.27	11:10:54.8	48.5118	20.8353	0.0	1.6	EX	Becskeháza
691.	2022.04.28	01:26:09.7	46.1647	19.1601	10.0	1.3	EQ	Csávoly
692.	2022.04.28	06:49:46.9	48.4081	17.2995	0.0	-	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
693.	2022.04.28	07:03:09.3	47.7452	19.0537	0.0	-	EX	Tahitótfalu
694.	2022.04.28	07:29:44.6	48.4906	19.1170	0.0	1.6	EX	Slovakia
695.	2022.04.28	07:59:17.0	47.8327	19.1394	0.0	1.5	GT	Sejce-Vác
696.	2022.04.28	08:13:11.5	48.0471	20.6805	0.0	1.3	GT	Miskolc-Mexikóvölgy
697.	2022.04.28	08:28:22.8	48.5120	17.4800	0.0	1.5	EX	Slovakia
698.	2022.04.28	08:48:01.1	47.7025	16.1386	10.6	1.5	EQ	Austria
699.	2022.04.28	08:52:44.7	46.1503	18.3025	0.0	-	EX	Hosszúhetény
700.	2022.04.28	09:02:28.1	47.3434	18.3888	0.0	1.8	EX	Zámoly
701.	2022.04.28	09:21:46.1	48.5233	20.8748	0.0	1.6	EX	Tornaszentjakab
702.	2022.04.28	09:40:09.1	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
703.	2022.04.28	09:42:59.7	48.5446	20.7850	0.0	1.5	EX	Bódvalenke
704.	2022.04.28	10:14:06.2	48.2293	21.2064	0.0	1.9	EX	Golop
705.	2022.04.28	10:47:56.1	46.0891	22.0637	0.0	-	EX	Romania
706.	2022.04.28	10:58:12.3	47.9135	16.1110	0.0	-	EX	Austria
707.	2022.04.28	11:08:43.5	48.6521	21.4556	0.0	1.8	EX	Slovakia
708.	2022.04.28	12:02:46.0	48.7389	20.1702	0.0	1.4	EX	Slovakia
709.	2022.04.29	05:52:46.9	48.3108	21.5038	0.0	-	EX	Bodrogolaszi
710.	2022.04.29	07:23:02.5	46.1044	18.0643	0.0	1.2	EX	Bakonya
711.	2022.04.29	08:03:08.7	47.8920	19.4049	0.0	1.7	GT	Bercel
712.	2022.04.29	08:40:48.4	48.8983	21.8455	0.0	1.6	EX	Slovakia
713.	2022.04.29	10:06:03.8	47.6302	16.5611	0.0	2.1	EX	Harka
714.	2022.04.29	22:51:25.4	48.0525	20.7516	3.5	1.2	EQ	Kisgyőr
715.	2022.04.30	11:27:23.8	48.6071	20.1616	0.0	1.5	EX	Slovakia
716.	2022.05.01	20:46:30.9	48.9197	22.0419	5.0	1.6	EQ	Slovakia
717.	2022.05.02	08:13:06.2	48.8715	21.1256	0.0	1.6	EX	Slovakia
718.	2022.05.02	08:38:58.0	48.5527	20.7934	0.0	1.4	EX	Tornanádaska
719.	2022.05.03	06:49:24.2	48.2305	19.8748	0.0	1.5	EX	Slovakia
720.	2022.05.03	07:34:42.0	48.0506	20.7137	0.0	1.4	EX	Kisgyőr
721.	2022.05.03	07:47:01.9	48.3224	19.0168	0.0	1.8	EX	Slovakia
722.	2022.05.03	08:06:08.6	47.9590	20.3545	0.0	-	GT	Eger-III.
723.	2022.05.03	09:04:47.1	48.5474	20.8205	0.0	1.2	EX	Bódvalenke
724.	2022.05.03	10:58:43.0	47.8845	16.1099	0.0	1.6	EX	Austria
725.	2022.05.03	11:02:01.6	48.5764	20.1833	0.0	1.1	EX	Slovakia
726.	2022.05.03	13:44:23.7	47.3310	16.4812	0.0	1.6	EX	Bozsok
727.	2022.05.04	07:57:23.1	48.5461	17.6667	0.0	-	EX	Slovakia
728.	2022.05.04	08:10:40.8	48.4671	17.5266	0.0	1.5	EX	Slovakia
729.	2022.05.04	08:24:07.7	45.9991	22.8251	0.0	1.6	EX	Romania
730.	2022.05.04	08:30:55.8	48.5290	17.4548	0.0	1.4	EX	Slovakia
731.	2022.05.04	08:44:47.2	48.5376	20.8088	0.0	1.5	EX	Bódvalenke
732.	2022.05.04	09:11:06.7	48.5112	19.3148	0.0	1.6	EX	Slovakia
733.	2022.05.04	09:30:31.7	47.2302	18.2835	0.0	1.4	GT	Iszkaszentgyörgy
734.	2022.05.04	10:12:29.5	46.8902	17.3220	0.0	2.1	GT	Uzsa
735.	2022.05.04	10:28:41.3	47.8429	16.2657	5.6	0.8	EQ	Austria
736.	2022.05.05	05:56:25.4	47.4131	18.3012	0.0	1.5	EX	Pusztavám
737.	2022.05.05	07:20:44.2	48.4533	17.4381	0.0	-	EX	Slovakia
738.	2022.05.05	08:33:42.9	48.5963	21.3751	0.0	1.8	EX	Slovakia
739.	2022.05.05	08:41:57.5	48.2477	21.2178	0.0	1.7	EX	Tállya
740.	2022.05.05	09:17:00.7	47.9181	16.0530	0.0	-	EX	Austria
741.	2022.05.05	09:33:20.1	48.4977	20.7205	0.0	1.0	EX	Bódvarákó
742.	2022.05.05	10:56:33.2	47.3990	18.3337	0.0	-	EX	Gánt
743.	2022.05.05	11:02:07.4	47.9194	16.1203	0.0	-	EX	Austria

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
744.	2022.05.05	11:35:26.1	47.3555	18.3963	0.0	1.8	EX	Gánt
745.	2022.05.05	16:24:46.4	47.5573	18.1049	1.0	-	EQ	Csép
746.	2022.05.05	23:03:29.2	47.2009	17.6564	6.7	1.2	EQ	Németbánya
747.	2022.05.06	06:41:35.5	48.4156	19.5487	0.0	1.5	EX	Slovakia
748.	2022.05.06	07:56:38.0	48.2356	18.7912	0.0	1.8	EX	Slovakia
749.	2022.05.06	08:27:22.1	47.7791	19.0372	0.0	1.7	GT	Dunabogdány
750.	2022.05.06	10:00:58.3	48.8504	20.1984	0.0	1.5	EX	Slovakia
751.	2022.05.06	19:10:47.5	45.5037	16.0668	6.5	3.4	EQ	Croatia
752.	2022.05.07	16:11:40.9	47.9234	20.4709	3.0	1.4	EQ	Noszvaj
753.	2022.05.08	05:04:06.3	46.4364	16.2256	4.6	1.9	EQ	Slovenia
754.	2022.05.08	15:49:08.3	46.1401	21.5735	5.6	1.1	EQ	Romania
755.	2022.05.09	07:10:52.0	48.5262	20.7818	0.0	1.5	EX	Tornaszentandrás
756.	2022.05.09	08:32:12.1	46.1868	18.2738	0.0	-	EX	Komló
757.	2022.05.09	08:55:22.9	47.0341	18.0259	0.0	-	EX	Balatonalmádi
758.	2022.05.09	09:49:50.3	48.3416	19.8876	0.0	1.6	EX	Slovakia
759.	2022.05.09	10:23:11.6	48.8322	21.3004	0.0	1.9	EX	Slovakia
760.	2022.05.09	11:57:25.4	47.1046	18.0500	0.0	1.6	EX	Királyszentistván
761.	2022.05.10	04:07:09.2	47.7739	16.4220	13.0	-	EQ	Austria
762.	2022.05.10	07:01:48.9	47.9320	19.4294	0.0	1.7	EX	Szanda
763.	2022.05.10	07:21:38.6	47.4096	18.3112	0.0	-	EX	Gánt
764.	2022.05.10	08:55:23.2	48.4563	21.7490	0.0	1.7	EX	Slovakia
765.	2022.05.10	09:01:20.3	48.4603	19.3866	0.0	1.6	EX	Slovakia
766.	2022.05.10	09:22:00.5	47.8677	16.0646	0.0	1.7	EX	Austria
767.	2022.05.10	09:34:03.8	48.5118	20.7848	0.0	1.2	EX	Tornaszentandrás
768.	2022.05.10	10:13:15.7	47.5577	18.4810	0.0	1.4	GT	Tatabánya
769.	2022.05.10	10:39:02.0	47.6194	16.3658	0.0	1.4	EX	Austria
770.	2022.05.11	06:22:25.0	46.0373	22.8744	0.0	1.6	EX	Romania
771.	2022.05.11	07:38:30.5	47.9840	16.6451	0.0	-	EX	Austria
772.	2022.05.11	07:50:35.2	47.8920	19.4049	0.0	1.7	GT	Bercel
773.	2022.05.11	08:27:27.6	48.5546	20.8067	0.0	1.7	EX	Tornanádaska
774.	2022.05.11	09:10:47.9	48.6643	18.5998	0.0	1.9	EX	Slovakia
775.	2022.05.11	11:10:35.7	48.1273	18.9866	0.0	1.7	EX	Slovakia
776.	2022.05.11	11:49:18.9	48.1176	18.9734	0.0	1.6	EX	Slovakia
777.	2022.05.11	23:31:23.2	47.4204	18.2168	9.0	-	EQ	Pusztavám
778.	2022.05.12	06:05:47.7	47.3724	18.3824	0.0	-	EX	Gánt
779.	2022.05.12	08:19:17.4	47.3312	18.3602	0.0	1.9	EX	Csákberény
780.	2022.05.12	08:37:47.2	48.2498	21.2346	0.0	2.0	EX	Tállya
781.	2022.05.12	08:58:50.7	48.8957	21.3458	0.0	1.7	EX	Slovakia
782.	2022.05.12	09:07:30.4	48.8084	19.8158	0.0	1.5	EX	Slovakia
783.	2022.05.12	09:10:08.7	48.9733	18.2945	0.0	1.7	EX	Slovakia
784.	2022.05.12	09:31:14.5	48.4504	17.4612	0.0	-	EX	Slovakia
785.	2022.05.13	06:26:03.1	47.9590	20.3545	0.0	1.1	GT	Eger-III.
786.	2022.05.13	07:04:00.7	47.6379	18.5244	0.0	1.8	EX	Héreg
787.	2022.05.13	07:32:43.8	46.2475	17.2510	7.6	1.6	EQ	Bolhás
788.	2022.05.13	07:33:54.4	48.5380	20.8687	0.0	-	EX	Tornaszentjakab
789.	2022.05.13	08:01:03.8	48.3860	19.1322	0.0	1.9	EX	Slovakia
790.	2022.05.13	08:13:48.6	48.4798	21.4429	0.0	1.4	EX	Bózsva
791.	2022.05.13	08:40:53.6	47.8327	19.1394	0.0	1.4	GT	Sejce-Vác
792.	2022.05.13	09:54:18.8	46.1216	21.6295	0.0	1.6	EX	Romania
793.	2022.05.14	19:15:03.3	46.5496	17.8338	15.7	1.0	EQ	Ecseny
794.	2022.05.15	16:29:08.4	45.9064	16.0147	5.0	0.7	EQ	Croatia



	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
795.	2022.05.16	07:11:20.6	48.9895	19.3616	0.0	1.7	EX	Slovakia
796.	2022.05.16	07:43:04.6	47.8841	16.4446	0.0	-	EX	Austria
797.	2022.05.16	09:22:47.4	48.9812	19.8568	0.0	1.5	EX	Slovakia
798.	2022.05.17	06:47:03.0	47.8222	19.8572	0.0	2.0	GT	Gyöngyöstarján
799.	2022.05.17	06:55:46.5	47.3608	18.1075	9.0	-	EQ	Nagyveleg
800.	2022.05.17	08:00:55.6	48.5461	19.1372	0.0	1.6	EX	Slovakia
801.	2022.05.17	08:11:41.7	48.5373	20.7608	0.0	1.4	EX	Komjáti
802.	2022.05.17	11:19:29.2	48.0297	16.2258	0.0	-	EX	Austria
803.	2022.05.18	06:43:33.1	46.1081	22.8324	0.0	-	EX	Romania
804.	2022.05.18	07:10:34.2	47.9824	16.6212	0.0	-	EX	Austria
805.	2022.05.18	08:08:20.3	48.5517	20.7579	0.0	1.2	EX	Komjáti
806.	2022.05.18	08:25:23.9	48.8484	20.5041	0.0	2.1	EX	Slovakia
807.	2022.05.18	08:41:21.2	48.7518	18.0800	0.0	1.3	EX	Slovakia
808.	2022.05.18	10:58:01.8	48.8975	20.7062	0.0	1.6	EX	Slovakia
809.	2022.05.18	11:00:03.6	48.4319	17.2839	0.0	1.6	EX	Slovakia
810.	2022.05.18	11:34:27.1	48.3704	17.3849	0.0	-	EX	Slovakia
811.	2022.05.18	13:45:22.9	46.1785	16.4354	5.6	2.0	EQ	Croatia
812.	2022.05.19	04:26:36.2	47.8891	19.7072	11.9	0.8	EQ	Pásztó
813.	2022.05.19	08:17:45.6	47.8327	19.1394	0.0	1.4	GT	Sejce-Vác
814.	2022.05.19	08:33:37.4	48.5473	20.7998	0.0	1.3	EX	Bódvalenke
815.	2022.05.19	09:05:13.3	48.2074	21.1950	0.0	1.6	EX	Rátka
816.	2022.05.19	09:06:56.1	48.2410	21.2381	0.0	1.6	EX	Tállya
817.	2022.05.19	09:16:30.6	47.3577	18.3601	0.0	-	EX	Csákberény
818.	2022.05.19	09:57:52.0	47.8327	19.1394	0.0	-	GT	Sejce-Vác
819.	2022.05.19	12:16:36.1	48.8840	21.3633	0.0	-	EX	Slovakia
820.	2022.05.19	20:39:41.1	45.5159	16.4368	5.0	1.5	EQ	Croatia
821.	2022.05.20	03:02:33.8	47.3194	18.0981	9.0	-	EQ	Bakonycsernye
822.	2022.05.20	06:45:38.0	48.7936	18.9449	0.0	1.6	EX	Slovakia
823.	2022.05.20	08:41:05.5	48.9793	19.4146	0.0	1.6	EX	Slovakia
824.	2022.05.20	09:13:58.5	48.4403	18.6935	0.0	1.7	EX	Slovakia
825.	2022.05.20	09:25:59.7	48.2469	21.2398	0.0	1.7	EX	Tállya
826.	2022.05.20	10:19:29.6	46.8876	22.8524	0.0	2.0	EX	Romania
827.	2022.05.20	14:26:27.1	48.7768	20.8354	0.0	-	EX	Slovakia
828.	2022.05.21	07:27:20.7	47.2101	18.1497	5.7	2.1	EQ	Várpalota
829.	2022.05.22	21:34:05.3	46.1832	16.4624	10.1	1.4	EQ	Croatia
830.	2022.05.22	23:35:44.5	46.1635	16.4521	4.8	1.7	EQ	Croatia
831.	2022.05.23	06:13:36.5	47.6789	18.4473	0.0	1.6	EX	Tardos
832.	2022.05.23	07:59:23.6	47.0406	18.0305	0.0	-	EX	Balatonalmádi
833.	2022.05.23	08:33:59.3	48.4563	17.5815	0.0	-	EX	Slovakia
834.	2022.05.23	10:08:04.2	47.5971	16.3813	0.0	-	EX	Austria
835.	2022.05.23	12:11:39.4	48.5517	20.9758	0.0	-	EX	Slovakia
836.	2022.05.23	12:28:34.3	47.6218	16.3817	0.0	-	EX	Austria
837.	2022.05.24	02:04:10.6	48.0637	16.5950	11.0	1.2	EQ	Austria
838.	2022.05.24	07:31:17.1	47.3533	18.4006	0.0	-	EX	Zámoly
839.	2022.05.24	08:18:36.4	48.5264	17.5193	0.0	-	EX	Slovakia
840.	2022.05.24	08:45:28.0	48.5362	20.8527	0.0	-	EX	Becskeháza
841.	2022.05.24	09:01:47.6	48.4999	21.4363	0.0	-	EX	Nyíri
842.	2022.05.24	09:35:24.4	47.5577	18.4810	0.0	1.6	GT	Tatabánya
843.	2022.05.24	12:17:35.3	47.1043	18.0198	0.0	-	EX	Litér
844.	2022.05.25	07:52:12.1	48.5123	17.4610	0.0	-	EX	Slovakia
845.	2022.05.25	08:22:09.8	47.8875	20.1022	0.0	1.4	EX	Kisnána

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
846.	2022.05.25	08:52:03.2	47.7203	20.1480	0.0	1.3	EX	Nagyút
847.	2022.05.25	08:55:07.7	48.3172	18.5600	0.0	1.8	EX	Slovakia
848.	2022.05.25	12:40:30.2	46.8923	22.7919	0.0	-	EX	Romania
849.	2022.05.26	08:58:22.2	48.2362	21.2307	0.0	1.8	EX	Tálya
850.	2022.05.26	10:39:54.9	48.6259	19.6413	0.0	-	EX	Slovakia
851.	2022.05.26	23:05:18.0	46.4304	16.2877	5.0	-	EQ	Croatia
852.	2022.05.27	06:21:57.2	48.3430	21.4963	0.0	1.4	EX	Makkoshotyka
853.	2022.05.27	07:54:21.0	46.9790	17.3040	0.0	-	GT	Sümeğ
854.	2022.05.27	08:22:35.8	46.1582	18.2931	0.0	-	EX	Mánfa
855.	2022.05.27	09:33:19.9	48.6801	20.8205	0.0	1.2	EX	Slovakia
856.	2022.05.27	10:44:13.7	47.5577	18.4810	0.0	-	GT	Tatabánya
857.	2022.05.27	12:22:40.2	47.1058	18.0245	0.0	-	EX	Litér
858.	2022.05.28	07:32:19.2	46.1394	18.2938	0.0	-	EX	Mánfa
859.	2022.05.30	07:40:11.9	48.4248	19.5444	0.0	1.4	EX	Slovakia
860.	2022.05.30	07:57:02.3	48.9538	19.3478	0.0	1.5	EX	Slovakia
861.	2022.05.30	08:14:59.7	47.1057	17.9846	0.0	-	EX	Litér
862.	2022.05.30	09:58:02.8	47.8657	18.8484	0.0	-	EX	Márianosztra
863.	2022.05.30	11:34:50.5	47.8887	16.0797	0.0	-	EX	Austria
864.	2022.05.31	01:35:42.1	47.5730	18.2289	9.0	-	EQ	Kömlőd
865.	2022.05.31	06:44:13.6	46.9662	22.8400	0.0	-	EX	Romania
866.	2022.05.31	07:50:35.8	47.9419	16.0627	0.0	-	EX	Austria
867.	2022.05.31	08:31:30.5	48.8215	16.1154	0.0	-	EX	Czech
868.	2022.05.31	08:34:55.5	48.7386	18.6918	0.0	1.8	EX	Slovakia
869.	2022.05.31	08:37:24.7	47.3497	18.4046	0.0	-	EX	Zámoly
870.	2022.05.31	09:26:33.1	48.8454	21.2203	0.0	-	EX	Slovakia
871.	2022.05.31	10:36:56.0	47.5577	18.4810	0.0	1.3	GT	Tatabánya
872.	2022.05.31	11:29:33.0	47.8757	16.0558	0.0	-	EX	Austria
873.	2022.06.01	06:33:15.1	47.3167	18.3081	0.0	1.2	GT	Magyaralmás
874.	2022.06.01	07:33:40.1	47.9878	16.6595	0.0	-	EX	Austria
875.	2022.06.01	08:01:36.2	48.5649	20.7497	0.0	1.6	EX	Slovakia
876.	2022.06.01	08:04:25.9	46.8902	17.3220	0.0	-	GT	Uzsa
877.	2022.06.01	09:31:12.2	48.9107	21.2172	0.0	-	EX	Slovakia
878.	2022.06.01	09:53:47.9	48.8758	21.0745	0.0	1.6	EX	Slovakia
879.	2022.06.01	10:12:05.8	48.7807	21.6301	0.0	1.7	EX	Slovakia
880.	2022.06.01	10:33:11.5	46.1156	18.0798	0.0	1.7	EX	Bakonya
881.	2022.06.01	20:39:47.5	48.6191	19.4522	23.0	1.3	EQ	Slovakia
882.	2022.06.02	06:50:07.1	47.3514	18.3941	0.0	-	EX	Zámoly
883.	2022.06.02	08:40:09.4	48.2473	21.1996	0.0	1.9	EX	Golop
884.	2022.06.02	08:49:52.5	47.3500	18.3668	0.0	-	EX	Csákberény
885.	2022.06.02	09:53:13.4	47.8088	19.1261	0.0	1.0	EX	Vác
886.	2022.06.02	11:25:47.6	48.3437	19.8560	0.0	1.8	EX	Slovakia
887.	2022.06.02	11:27:08.5	48.3460	19.8530	0.0	1.5	EX	Slovakia
888.	2022.06.02	17:44:40.2	46.2998	19.8818	10.6	1.8	EQ	Zákányszék
889.	2022.06.02	19:35:59.1	48.8142	22.0939	4.8	1.5	EQ	Slovakia
890.	2022.06.03	08:30:38.0	48.1858	18.7956	0.0	1.8	EX	Slovakia
891.	2022.06.03	08:38:52.0	46.0562	22.8212	0.0	1.5	EX	Romania
892.	2022.06.03	08:41:21.6	48.7402	18.6516	0.0	1.6	EX	Slovakia
893.	2022.06.03	18:26:46.5	45.7014	17.5118	12.0	1.4	EQ	Croatia
894.	2022.06.04	17:52:58.3	45.6003	21.3033	11.8	1.7	EQ	Romania
895.	2022.06.06	08:15:26.3	48.8285	16.1599	0.0	1.8	EX	Czech
896.	2022.06.06	08:28:11.0	48.4905	19.3343	0.0	1.6	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
897.	2022.06.06	09:15:48.8	48.5593	20.7928	0.0	1.6	EX	Tornanádaska
898.	2022.06.06	10:12:05.5	48.8202	19.7973	0.0	-	EX	Slovakia
899.	2022.06.06	14:38:35.2	48.5481	20.8071	0.0	1.0	EX	Bódvalenke
900.	2022.06.07	08:07:11.7	48.5721	20.7739	0.0	1.5	EX	Slovakia
901.	2022.06.07	08:26:31.2	48.9857	18.4490	0.0	1.5	EX	Slovakia
902.	2022.06.07	09:48:33.4	47.9230	16.1187	0.0	-	EX	Austria
903.	2022.06.07	10:12:37.3	48.3164	19.8740	0.0	1.6	EX	Slovakia
904.	2022.06.07	11:35:41.7	46.1182	21.6815	0.0	1.2	EX	Romania
905.	2022.06.08	01:52:17.5	45.5291	16.1291	13.0	1.6	EQ	Croatia
906.	2022.06.08	08:13:33.2	46.9790	17.3040	0.0	-	GT	Sümege
907.	2022.06.08	08:31:11.5	48.0471	20.6805	0.0	1.5	GT	Miskolc-Mexikóvölgy
908.	2022.06.08	08:36:50.6	48.5077	20.7725	0.0	-	EX	Tornaszentandrás
909.	2022.06.08	09:15:30.2	48.3709	19.0619	0.0	1.9	EX	Slovakia
910.	2022.06.08	09:34:10.5	48.7987	20.1445	0.0	1.3	EX	Slovakia
911.	2022.06.08	09:44:43.0	48.4995	20.3573	0.0	-	EX	Slovakia
912.	2022.06.09	07:16:12.1	48.2557	21.2285	0.0	1.9	EX	Tálya
913.	2022.06.09	07:48:10.9	48.4803	21.3722	0.0	-	EX	Telkibánya
914.	2022.06.09	08:24:57.2	46.1131	18.0578	0.0	-	EX	Hetvehely
915.	2022.06.09	08:53:30.6	47.3928	18.3808	0.0	1.6	EX	Gánt
916.	2022.06.09	09:33:11.4	46.8834	22.8343	0.0	1.6	EX	Romania
917.	2022.06.10	03:09:43.2	47.6916	16.0053	7.0	-	EQ	Austria
918.	2022.06.10	08:01:44.0	48.4875	20.7261	0.0	1.4	EX	Bódvarákó
919.	2022.06.10	08:43:28.6	47.8327	19.1394	0.0	-	GT	Sejce-Vác
920.	2022.06.10	08:47:44.8	46.0783	22.9149	0.0	-	EX	Romania
921.	2022.06.10	09:14:57.0	48.3687	17.3844	0.0	-	EX	Slovakia
922.	2022.06.10	09:55:45.4	47.9161	16.1054	0.0	-	EX	Austria
923.	2022.06.10	11:04:43.5	46.0065	22.6898	0.0	1.9	EX	Romania
924.	2022.06.10	11:24:08.9	48.6914	19.3238	0.0	1.6	EX	Slovakia
925.	2022.06.10	12:55:23.4	48.5621	16.3648	0.0	1.7	EX	Austria
926.	2022.06.11	08:32:26.1	46.1383	18.3029	0.0	1.5	EX	Hosszúhetény
927.	2022.06.13	04:25:06.3	46.2557	16.4089	11.0	2.0	EQ	Croatia
928.	2022.06.13	07:01:28.4	48.3129	18.6507	0.0	1.7	EX	Slovakia
929.	2022.06.13	08:12:34.6	48.5345	20.8385	0.0	1.4	EX	Becskeháza
930.	2022.06.13	08:27:26.3	48.5124	17.4813	0.0	-	EX	Slovakia
931.	2022.06.13	10:02:59.5	48.4236	19.6188	0.0	1.4	EX	Slovakia
932.	2022.06.13	10:21:23.9	48.6482	21.4164	0.0	1.4	EX	Slovakia
933.	2022.06.13	14:33:31.9	45.8160	21.5357	5.8	1.9	EQ	Romania
934.	2022.06.14	05:20:29.5	48.1516	21.9660	8.0	1.4	EQ	Gégény
935.	2022.06.14	08:07:30.6	48.5182	20.8520	0.0	1.6	EX	Tornaszentjakab
936.	2022.06.14	08:59:08.2	47.3749	18.3476	0.0	-	EX	Csákberény
937.	2022.06.15	07:28:26.1	46.9075	22.7811	0.0	-	EX	Romania
938.	2022.06.15	07:35:24.0	48.2329	21.2485	0.0	1.7	EX	Tálya
939.	2022.06.15	08:17:00.8	48.5104	20.7565	0.0	1.3	EX	Bódvarákó
940.	2022.06.15	08:23:29.6	46.8902	17.3220	0.0	2.0	GT	Uzsa
941.	2022.06.15	08:49:50.8	47.9590	20.3545	0.0	1.1	GT	Eger-III.
942.	2022.06.15	09:05:33.7	48.5042	17.5365	0.0	-	EX	Slovakia
943.	2022.06.15	10:03:42.1	48.6546	19.8726	0.0	1.3	EX	Slovakia
944.	2022.06.15	12:14:35.4	48.3946	17.2788	0.0	1.8	EX	Slovakia
945.	2022.06.16	08:00:17.6	47.1282	17.8591	0.0	-	EX	Márkó
946.	2022.06.16	08:34:07.6	48.3982	17.3226	0.0	-	EX	Slovakia
947.	2022.06.16	08:36:24.2	48.2477	21.2500	0.0	1.8	EX	Tálya

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
948.	2022.06.16	09:48:28.7	46.4802	16.1758	4.5	2.1	EQ	Slovenia
949.	2022.06.17	06:17:26.9	48.3751	21.4797	0.0	1.4	EX	Makkoshotyka
950.	2022.06.17	06:23:34.7	47.4451	18.6181	0.0	-	EX	Alcsútdoboz
951.	2022.06.17	06:48:32.9	48.4453	17.4636	0.0	-	EX	Slovakia
952.	2022.06.17	06:59:43.9	47.8362	19.9346	0.0	1.8	GT	Gyöngyössolymos
953.	2022.06.17	08:05:46.6	48.4148	17.4854	0.0	-	EX	Slovakia
954.	2022.06.17	10:00:14.0	47.7180	18.7130	0.0	-	GT	Dorog
955.	2022.06.17	11:01:08.4	48.5277	19.3499	0.0	1.7	EX	Slovakia
956.	2022.06.17	16:13:56.6	48.7839	22.2018	0.0	-	EX	Slovakia
957.	2022.06.18	11:33:16.3	46.9335	22.5849	5.0	-	EQ	Romania
958.	2022.06.18	22:03:39.4	45.8688	16.0396	7.3	3.0	EQ	Croatia
959.	2022.06.19	04:52:25.5	47.7905	16.2453	11.0	-	EQ	Austria
960.	2022.06.20	06:54:07.3	46.0876	22.9327	0.0	-	EX	Romania
961.	2022.06.20	08:11:36.0	48.8627	21.0470	0.0	-	EX	Slovakia
962.	2022.06.20	08:16:45.7	48.8173	20.9200	0.0	1.0	EX	Slovakia
963.	2022.06.20	08:39:50.7	48.9352	19.8663	0.0	1.7	EX	Slovakia
964.	2022.06.20	09:43:28.8	48.5757	20.7570	0.0	1.3	EX	Slovakia
965.	2022.06.20	09:45:43.9	48.5986	17.5642	0.0	-	EX	Slovakia
966.	2022.06.20	15:03:47.3	47.7587	19.8835	0.0	0.7	EX	Nagyréde
967.	2022.06.20	19:08:44.0	48.0112	16.4684	11.0	1.0	EQ	Austria
968.	2022.06.21	06:20:41.4	46.8861	22.8055	0.0	1.4	EX	Romania
969.	2022.06.21	06:59:58.1	47.0194	17.9469	0.0	-	EX	Felsőörs
970.	2022.06.21	07:50:42.3	47.3755	18.3601	0.0	-	EX	Gánt
971.	2022.06.21	07:59:42.6	48.0471	20.6805	0.0	-	GT	Miskolc-Mexikóvölgy
972.	2022.06.21	08:48:38.2	47.8951	16.0846	0.0	-	EX	Austria
973.	2022.06.21	10:44:17.1	48.3427	18.9956	0.0	1.8	EX	Slovakia
974.	2022.06.21	13:10:28.8	47.5577	18.4810	0.0	-	GT	Tatabánya
975.	2022.06.22	06:56:47.2	46.1031	18.0898	0.0	-	EX	Bakonya
976.	2022.06.22	08:12:26.6	48.7354	18.7300	0.0	1.8	EX	Slovakia
977.	2022.06.22	08:20:35.7	48.9943	19.3816	0.0	1.7	EX	Slovakia
978.	2022.06.22	08:32:36.4	46.0421	22.6007	0.0	2.0	EX	Romania
979.	2022.06.23	06:24:24.9	46.0520	22.8302	0.0	-	EX	Romania
980.	2022.06.23	07:12:07.3	47.0607	18.0439	0.0	-	EX	Balatonfüzfő
981.	2022.06.23	07:18:43.4	48.8051	18.9848	0.0	1.6	EX	Slovakia
982.	2022.06.23	07:29:37.6	46.0327	22.8452	0.0	1.6	EX	Romania
983.	2022.06.23	07:38:17.1	48.2478	21.2407	0.0	1.9	EX	Tálya
984.	2022.06.23	08:16:59.4	48.5564	20.7905	0.0	1.4	EX	Tornanádaska
985.	2022.06.23	08:27:38.8	47.9549	16.0678	0.0	-	EX	Austria
986.	2022.06.23	09:22:06.4	48.3129	21.2464	0.0	1.2	EX	Boldogkőújfalu
987.	2022.06.23	10:42:52.9	48.3295	19.8442	0.0	1.8	EX	Slovakia
988.	2022.06.23	12:44:06.0	47.1398	19.3215	0.0	2.1	EX	Dabas
989.	2022.06.24	07:18:24.4	48.9915	19.3633	0.0	-	EX	Slovakia
990.	2022.06.24	07:32:35.6	47.8505	19.8377	0.0	1.5	EX	Gyöngyöstarján
991.	2022.06.24	07:35:23.7	47.6818	18.5457	0.0	1.8	EX	Nagysáp
992.	2022.06.24	08:17:16.9	47.9024	16.1090	0.0	-	EX	Austria
993.	2022.06.24	08:32:46.2	48.1218	21.2768	0.0	1.5	EX	Mezőzombor
994.	2022.06.24	08:58:46.8	48.3861	21.8472	0.0	1.7	EX	Slovakia
995.	2022.06.24	10:00:47.2	48.1340	16.9701	0.0	-	EX	Austria
996.	2022.06.24	20:04:15.0	47.7009	16.1256	10.8	-	EQ	Austria
997.	2022.06.25	06:08:35.5	47.7277	18.2472	8.4	1.2	EQ	Almásfüzitő
998.	2022.06.25	07:18:46.8	47.8326	18.1941	10.0	-	EQ	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
999.	2022.06.25	16:32:23.5	46.1229	18.1697	0.2	0.8	EQ	Orfű
1000.	2022.06.26	04:45:21.7	46.0074	18.1487	5.0	0.7	EQ	Aranyosgadány
1001.	2022.06.26	20:34:07.6	45.8733	16.0889	3.5	1.2	EQ	Croatia
1002.	2022.06.27	06:06:11.3	48.3041	21.4737	0.0	1.4	EX	Tolcsva
1003.	2022.06.27	07:55:05.7	47.8327	19.1394	0.0	1.4	GT	Sejce-Vác
1004.	2022.06.27	08:11:59.9	48.5034	20.6912	0.0	1.0	EX	Szin
1005.	2022.06.27	13:20:59.0	46.1236	17.0019	13.5	2.2	EQ	Croatia
1006.	2022.06.27	16:28:11.8	48.9307	22.1905	0.0	1.5	EX	Slovakia
1007.	2022.06.28	01:29:24.5	47.6864	20.3085	5.6	0.8	EQ	Erdőtelek
1008.	2022.06.28	05:42:31.6	47.3452	17.5997	0.0	1.6	EX	Béb
1009.	2022.06.28	06:36:31.3	47.3858	18.3652	0.0	-	EX	Gánt
1010.	2022.06.28	06:46:56.0	47.2864	17.7175	0.0	1.6	EX	Bakonybél
1011.	2022.06.28	07:29:46.9	47.0524	18.0442	0.0	1.5	EX	Balatonfűzfő
1012.	2022.06.28	08:32:44.6	48.8215	20.2746	0.0	1.2	EX	Slovakia
1013.	2022.06.28	08:40:25.7	48.7621	19.4123	0.0	1.5	EX	Slovakia
1014.	2022.06.28	08:42:15.6	48.5331	20.7833	0.0	1.3	EX	Tornaszentandrás
1015.	2022.06.28	09:23:04.2	48.4321	17.4971	0.0	1.5	EX	Slovakia
1016.	2022.06.28	09:38:42.8	48.6517	21.3911	0.0	1.3	EX	Slovakia
1017.	2022.06.28	09:42:38.8	48.4047	19.1404	0.0	1.4	EX	Slovakia
1018.	2022.06.29	01:49:56.5	47.9379	20.5928	10.0	-	EQ	Cserépváralja
1019.	2022.06.29	06:16:35.9	46.1202	22.9432	0.0	1.8	EX	Romania
1020.	2022.06.29	07:58:06.1	46.8548	17.2699	0.0	2.3	GT	Várvolgy
1021.	2022.06.29	08:17:33.0	47.9590	20.3545	0.0	1.4	GT	Eger-III.
1022.	2022.06.29	08:22:17.9	48.5187	20.7832	0.0	1.2	EX	Tornaszentandrás
1023.	2022.06.29	08:38:44.4	48.0412	16.1566	0.0	-	EX	Austria
1024.	2022.06.30	03:51:13.3	46.9339	22.8181	0.0	1.3	EX	Romania
1025.	2022.06.30	07:22:55.3	47.3616	18.3864	0.0	1.7	EX	Gánt
1026.	2022.06.30	08:21:02.3	48.5476	20.7940	0.0	-	EX	Bódvalenke
1027.	2022.06.30	08:28:50.0	48.4933	17.5153	0.0	1.3	EX	Slovakia
1028.	2022.06.30	09:11:33.6	48.9708	21.2550	0.0	1.9	EX	Slovakia
1029.	2022.06.30	10:00:23.8	48.1262	16.9872	0.0	-	EX	Austria
1030.	2022.07.01	06:48:53.3	48.3397	18.4467	0.0	1.5	EX	Slovakia
1031.	2022.07.01	07:04:22.6	48.0595	20.6963	0.0	1.3	EX	Bükkszentkereszt
1032.	2022.07.01	08:36:53.6	48.2232	18.7852	0.0	1.6	EX	Slovakia
1033.	2022.07.01	09:35:10.0	48.8597	20.6996	0.0	1.5	EX	Slovakia
1034.	2022.07.01	11:29:03.9	46.9133	22.3037	0.0	-	EX	Romania
1035.	2022.07.04	06:56:30.1	48.9931	19.3510	0.0	1.6	EX	Slovakia
1036.	2022.07.04	07:04:35.7	46.1495	17.9978	0.0	-	EX	Hetvehely
1037.	2022.07.04	07:22:57.9	47.9153	20.1092	0.0	1.5	EX	Recsk
1038.	2022.07.04	07:24:07.8	47.9143	20.0849	0.0	1.3	EX	Recsk
1039.	2022.07.04	07:54:58.7	47.7070	18.5275	0.0	2.1	EX	Bajót
1040.	2022.07.04	08:32:56.6	48.8426	20.4654	0.0	2.0	EX	Slovakia
1041.	2022.07.04	09:24:35.8	47.9056	16.1079	0.0	-	EX	Austria
1042.	2022.07.04	09:52:48.4	45.9997	22.7219	0.0	1.5	EX	Romania
1043.	2022.07.05	04:37:23.8	47.7656	18.2196	5.2	1.3	EQ	Slovakia
1044.	2022.07.05	07:37:59.0	47.3613	18.3766	0.0	-	EX	Gánt
1045.	2022.07.06	05:59:48.0	47.9498	16.0590	0.0	-	EX	Austria
1046.	2022.07.06	06:36:02.9	46.0543	22.9251	0.0	1.4	EX	Romania
1047.	2022.07.06	07:07:07.2	47.9712	16.6626	0.0	1.5	EX	Austria
1048.	2022.07.06	07:37:33.3	48.2694	19.9056	0.0	1.4	EX	Slovakia
1049.	2022.07.06	07:42:24.3	48.5867	18.8427	0.0	1.5	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1050.	2022.07.06	08:08:05.1	47.5346	18.7134	0.0	1.6	EX	Zsámbék
1051.	2022.07.06	08:24:57.6	46.0611	22.8034	0.0	1.6	EX	Romania
1052.	2022.07.06	09:14:32.1	48.4959	20.7764	0.0	1.3	EX	Tornaszentandrás
1053.	2022.07.06	10:14:33.3	47.9019	20.1361	0.0	1.3	EX	Recsk
1054.	2022.07.06	15:17:43.0	46.1270	21.5457	0.0	1.0	EX	Romania
1055.	2022.07.07	06:34:06.8	47.3613	18.3780	0.0	1.7	EX	Gánt
1056.	2022.07.07	07:18:34.8	46.1099	18.0963	0.0	1.5	EX	Kővágóötös
1057.	2022.07.07	08:09:59.0	48.3937	18.4979	0.0	1.7	EX	Slovakia
1058.	2022.07.07	08:27:46.0	48.5294	17.4907	0.0	-	EX	Slovakia
1059.	2022.07.07	08:49:19.8	48.1994	21.1907	0.0	1.7	EX	Rátka
1060.	2022.07.07	10:00:34.7	48.1238	16.9031	0.0	1.4	EX	Austria
1061.	2022.07.07	10:49:49.5	47.8881	16.0732	0.0	-	EX	Austria
1062.	2022.07.08	05:16:15.9	47.3167	18.3081	0.0	-	GT	Magyaralmás
1063.	2022.07.08	05:44:21.8	46.9887	22.8638	0.0	1.7	EX	Romania
1064.	2022.07.08	07:10:30.0	47.3458	16.4031	0.0	-	EX	Austria
1065.	2022.07.08	07:27:43.1	48.5184	17.5045	0.0	1.5	EX	Slovakia
1066.	2022.07.08	09:00:40.7	46.0922	22.0180	0.0	1.2	EX	Romania
1067.	2022.07.08	09:11:51.4	48.5436	20.7663	0.0	1.5	EX	Komjáti
1068.	2022.07.08	09:27:24.8	47.8327	19.1394	0.0	-	GT	Sejce-Vác
1069.	2022.07.08	10:02:37.2	48.0122	19.5809	0.0	1.5	EX	Hollókő
1070.	2022.07.08	11:29:17.1	47.3556	17.6361	0.0	1.9	EX	Csót
1071.	2022.07.09	08:47:53.6	46.1475	18.2935	0.0	-	EX	Mánfa
1072.	2022.07.11	07:48:00.5	48.0438	20.6950	0.0	1.4	EX	Kisgyőr
1073.	2022.07.11	10:58:39.3	47.0857	19.4308	0.0	1.8	EX	Táborfalva
1074.	2022.07.12	07:45:33.4	46.8323	22.7819	0.0	-	EX	Romania
1075.	2022.07.12	08:12:22.7	48.4987	18.6981	0.0	1.6	EX	Slovakia
1076.	2022.07.12	08:38:02.5	48.7212	17.7509	0.0	-	EX	Slovakia
1077.	2022.07.12	09:17:30.4	48.2853	21.2078	0.0	1.8	EX	Abaujszántó
1078.	2022.07.12	10:00:19.2	48.1403	16.9797	0.0	-	EX	Austria
1079.	2022.07.12	10:59:34.7	48.8465	20.9397	0.0	1.9	EX	Slovakia
1080.	2022.07.13	06:28:22.8	47.8888	19.4350	0.0	1.9	EX	Bercel
1081.	2022.07.13	07:20:06.5	47.8849	20.1520	0.0	1.5	EX	Kisnána
1082.	2022.07.13	08:15:11.6	46.0700	22.8735	0.0	1.7	EX	Romania
1083.	2022.07.13	09:52:44.0	47.1372	18.0341	0.0	1.9	EX	Sóly
1084.	2022.07.14	07:31:09.6	47.3912	18.3883	0.0	-	EX	Gánt
1085.	2022.07.14	07:35:54.6	48.5539	19.3496	0.0	1.8	EX	Slovakia
1086.	2022.07.14	08:18:43.5	47.8327	19.1394	0.0	1.5	GT	Sejce-Vác
1087.	2022.07.14	08:25:10.2	48.4739	21.4021	0.0	-	EX	Telkibánya
1088.	2022.07.14	08:58:58.8	48.4003	17.3127	0.0	1.6	EX	Slovakia
1089.	2022.07.14	09:14:41.2	48.5385	20.8015	0.0	1.3	EX	Bódvalenke
1090.	2022.07.14	09:36:31.0	47.3598	18.3926	0.0	-	EX	Gánt
1091.	2022.07.14	09:39:43.2	47.8327	19.1394	0.0	1.5	GT	Sejce-Vác
1092.	2022.07.14	09:47:48.8	47.9919	16.1061	0.0	-	EX	Austria
1093.	2022.07.14	10:31:26.8	48.9494	19.4917	0.0	1.6	EX	Slovakia
1094.	2022.07.14	10:36:40.6	47.0891	19.4237	0.0	1.9	EX	Tatárszentgyörgy
1095.	2022.07.14	11:47:01.2	47.8843	16.0637	0.0	1.4	EX	Austria
1096.	2022.07.15	08:39:03.0	48.5459	20.8001	0.0	1.4	EX	Bódvalenke
1097.	2022.07.15	10:00:30.4	48.1644	16.9571	0.0	-	EX	Austria
1098.	2022.07.15	10:30:54.8	48.8410	20.9158	0.0	1.9	EX	Slovakia
1099.	2022.07.15	11:44:46.6	48.8935	20.6220	0.0	1.4	EX	Slovakia
1100.	2022.07.16	00:21:41.6	46.2205	16.6904	10.9	2.4	EQ	Croatia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1101.	2022.07.16	02:18:39.1	46.2634	16.6756	0.4	1.1	EQ	Croatia
1102.	2022.07.16	03:03:39.8	46.2327	16.6745	5.5	2.1	EQ	Croatia
1103.	2022.07.16	08:06:33.5	46.1357	18.3010	0.0	-	EX	Hosszúhetény
1104.	2022.07.17	01:15:59.1	46.2636	16.6883	11.0	1.9	EQ	Croatia
1105.	2022.07.17	22:01:21.7	47.7504	18.2322	2.7	1.0	EQ	Almásfüzitő
1106.	2022.07.18	07:01:10.6	48.0401	20.6854	0.0	1.1	EX	Kisgyőr
1107.	2022.07.18	10:54:06.5	47.1324	19.3520	0.0	1.9	EX	Hernád
1108.	2022.07.18	12:01:12.3	46.0733	22.6101	0.0	1.6	EX	Romania
1109.	2022.07.19	07:06:33.5	48.5009	19.3140	0.0	1.5	EX	Slovakia
1110.	2022.07.19	08:03:14.0	48.5769	20.7873	0.0	1.4	EX	Slovakia
1111.	2022.07.19	09:31:14.8	48.3252	19.8504	0.0	1.9	EX	Slovakia
1112.	2022.07.19	11:05:07.2	47.0922	19.5128	0.0	2.0	EX	Táborfalva
1113.	2022.07.19	14:42:48.6	45.5316	17.8307	3.3	1.9	EQ	Croatia
1114.	2022.07.20	06:45:59.4	48.9529	19.4417	0.0	1.5	EX	Slovakia
1115.	2022.07.20	07:10:09.5	48.0580	20.7010	0.0	1.4	EX	Kisgyőr
1116.	2022.07.20	07:58:06.5	48.4601	19.1581	0.0	1.6	EX	Slovakia
1117.	2022.07.20	09:03:09.5	47.9590	20.3545	0.0	1.2	GT	Eger-III.
1118.	2022.07.20	09:20:33.0	48.5898	20.7833	0.0	1.4	EX	Slovakia
1119.	2022.07.20	11:27:26.8	48.7145	18.6295	0.0	1.7	EX	Slovakia
1120.	2022.07.20	11:41:06.2	47.1564	19.3664	0.0	1.9	EX	Hernád
1121.	2022.07.20	11:43:14.7	48.7529	18.7187	0.0	1.5	EX	Slovakia
1122.	2022.07.20	23:21:56.8	47.8611	18.7280	11.0	1.4	EQ	Slovakia
1123.	2022.07.21	00:42:38.1	48.3699	22.1524	12.9	1.3	EQ	Tiszabezdéd
1124.	2022.07.21	07:34:57.6	46.0114	22.8316	0.0	1.6	EX	Romania
1125.	2022.07.21	07:50:45.0	48.2444	21.1994	0.0	1.7	EX	Golop
1126.	2022.07.21	07:58:12.7	47.3538	18.3861	0.0	-	EX	Gánt
1127.	2022.07.21	08:02:40.3	48.7413	20.8377	0.0	1.7	EX	Slovakia
1128.	2022.07.21	10:30:08.1	47.1684	19.2199	0.0	1.9	EX	Dabas
1129.	2022.07.21	10:40:49.6	48.3354	19.8368	0.0	1.4	EX	Slovakia
1130.	2022.07.21	11:13:05.6	48.6440	21.4171	0.0	1.7	EX	Slovakia
1131.	2022.07.21	11:15:13.8	47.8657	16.0804	0.0	-	EX	Austria
1132.	2022.07.21	12:07:44.5	48.9515	19.3856	0.0	1.6	EX	Slovakia
1133.	2022.07.22	06:04:05.0	47.3167	18.3081	0.0	1.8	GT	Magyaralmás
1134.	2022.07.22	06:29:22.1	48.3850	19.5287	0.0	-	EX	Slovakia
1135.	2022.07.22	07:02:23.9	47.9050	19.4652	0.0	1.1	EX	Szanda
1136.	2022.07.22	08:58:24.7	48.9912	21.2413	0.0	1.6	EX	Slovakia
1137.	2022.07.22	09:04:54.7	48.8081	21.6448	0.0	2.0	EX	Slovakia
1138.	2022.07.22	09:47:23.7	48.7914	20.1437	0.0	-	EX	Slovakia
1139.	2022.07.23	16:00:55.2	47.4463	16.9362	11.6	3.4	EQ	Iván
1140.	2022.07.24	02:03:16.6	47.3344	20.1880	10.2	1.2	EQ	Jászládány
1141.	2022.07.24	02:20:55.8	45.9040	16.0224	5.0	1.6	EQ	Croatia
1142.	2022.07.25	07:21:19.1	47.9121	20.0373	0.0	1.7	EX	Parád
1143.	2022.07.25	07:43:20.8	48.5150	19.3149	0.0	1.8	EX	Slovakia
1144.	2022.07.25	08:50:05.9	47.8756	16.4769	0.0	-	EX	Austria
1145.	2022.07.25	10:00:19.6	48.1207	16.9885	0.0	-	EX	Austria
1146.	2022.07.25	10:03:32.4	47.7914	20.1803	0.0	1.5	EX	Vécs
1147.	2022.07.25	11:10:23.8	47.8953	16.0735	0.0	-	EX	Austria
1148.	2022.07.26	05:50:16.6	46.8691	22.8538	0.0	1.3	EX	Romania
1149.	2022.07.26	05:58:38.9	48.2969	21.5035	0.0	-	EX	Bodrogolaszi
1150.	2022.07.26	07:11:47.2	47.8970	20.5008	0.0	1.1	EX	Szomolya
1151.	2022.07.26	08:00:04.7	47.8517	19.0928	0.0	1.4	EX	Szendehely

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1152.	2022.07.26	09:22:31.5	48.4533	19.5590	0.0	1.3	EX	Slovakia
1153.	2022.07.26	10:41:02.8	47.8327	19.1394	0.0	-	GT	Sejce-Vác
1154.	2022.07.27	05:48:25.2	46.0662	22.8603	0.0	-	EX	Romania
1155.	2022.07.27	06:59:27.9	48.4223	17.2912	0.0	1.8	EX	Slovakia
1156.	2022.07.27	07:49:53.0	48.4801	20.7696	0.0	1.6	EX	Martonyi
1157.	2022.07.27	08:05:08.9	46.8548	17.2699	0.0	-	GT	Várvölgy
1158.	2022.07.27	08:53:25.1	48.4028	20.6596	0.0	1.1	EX	Alsótelekes
1159.	2022.07.28	06:33:14.7	47.8920	19.4049	0.0	1.8	GT	Bercel
1160.	2022.07.28	08:07:03.5	48.5810	20.8343	0.0	1.3	EX	Slovakia
1161.	2022.07.28	08:22:42.4	48.9400	21.3123	0.0	1.7	EX	Slovakia
1162.	2022.07.28	08:37:28.9	47.3577	18.3731	0.0	-	EX	Csákberény
1163.	2022.07.28	08:47:33.0	48.6438	18.5777	0.0	1.6	EX	Slovakia
1164.	2022.07.28	08:57:12.4	47.9685	16.0968	0.0	-	EX	Austria
1165.	2022.07.28	09:05:24.4	48.4960	17.5513	0.0	-	EX	Slovakia
1166.	2022.07.28	09:56:26.1	47.7180	18.7130	0.0	-	GT	Dorog
1167.	2022.07.28	09:59:56.3	48.7133	21.4176	0.0	1.5	EX	Slovakia
1168.	2022.07.28	10:42:39.5	48.0850	20.4946	4.7	0.7	EQ	Répáshuta
1169.	2022.07.28	10:46:48.0	48.0549	20.4972	7.4	1.6	EQ	Répáshuta
1170.	2022.07.28	11:42:58.6	47.8642	16.0524	0.0	-	EX	Austria
1171.	2022.07.28	12:40:06.6	46.1177	16.0968	0.0	1.9	EX	Croatia
1172.	2022.07.28	14:00:51.2	48.0778	20.5220	6.1	-	EQ	Répáshuta
1173.	2022.07.28	15:22:12.2	48.0507	20.5130	8.2	2.6	EQ	Répáshuta
1174.	2022.07.28	16:24:01.7	48.0733	20.4982	4.6	0.8	EQ	Répáshuta
1175.	2022.07.28	16:41:51.9	47.9728	20.6521	5.0	1.1	EQ	Sály
1176.	2022.07.28	17:59:04.8	48.0669	20.5123	8.8	-	EQ	Répáshuta
1177.	2022.07.28	20:36:29.6	48.0549	20.5060	4.1	-	EQ	Répáshuta
1178.	2022.07.29	05:44:51.3	48.0526	20.5147	6.6	1.0	EQ	Répáshuta
1179.	2022.07.29	06:26:27.7	48.3866	19.5029	0.0	-	EX	Slovakia
1180.	2022.07.29	06:29:53.2	46.9824	22.7867	17.0	-	EQ	Romania
1181.	2022.07.29	08:33:39.0	48.6250	19.6425	0.0	1.5	EX	Slovakia
1182.	2022.07.29	08:58:00.9	48.2479	21.2136	0.0	1.7	EX	Tállya
1183.	2022.07.29	17:20:29.9	48.0594	20.5647	5.0	-	EQ	Répáshuta
1184.	2022.07.29	22:47:40.9	48.0698	20.5940	5.0	-	EQ	Bükkszentkereszt
1185.	2022.07.30	01:42:33.4	45.5180	16.2705	3.2	1.2	EQ	Croatia
1186.	2022.07.30	20:57:59.1	48.0779	22.1116	8.4	1.3	EQ	Nyírkarász
1187.	2022.07.31	07:19:50.7	47.8787	16.0669	5.1	1.1	EQ	Austria
1188.	2022.07.31	16:03:05.5	46.1802	17.0358	8.2	1.6	EQ	Gyékényes
1189.	2022.08.01	07:20:28.5	46.0323	22.8818	0.0	2.1	EX	Romania
1190.	2022.08.01	07:35:35.0	48.0471	20.6805	0.0	-	GT	Miskolc-Mexikóvölgy
1191.	2022.08.01	10:04:15.2	48.8612	21.0483	0.0	1.7	EX	Slovakia
1192.	2022.08.01	10:10:17.7	48.8763	21.0381	0.0	-	EX	Slovakia
1193.	2022.08.01	10:59:11.9	48.0061	19.6278	0.0	1.2	GT	Nagylóc
1194.	2022.08.01	16:48:25.9	47.7605	16.4610	11.0	-	EQ	Austria
1195.	2022.08.02	08:06:28.0	48.5118	20.7796	0.0	1.3	EX	Tornaszentandrás
1196.	2022.08.02	08:30:34.8	46.9021	22.7959	0.0	1.9	EX	Romania
1197.	2022.08.02	08:39:30.0	48.2114	18.7847	0.0	1.8	EX	Slovakia
1198.	2022.08.02	09:47:57.5	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
1199.	2022.08.02	09:56:42.4	48.4577	20.3976	0.0	1.3	EX	Slovakia
1200.	2022.08.02	10:42:50.7	46.1546	22.8554	0.0	-	EX	Romania
1201.	2022.08.03	06:46:30.1	48.0360	20.5061	5.0	1.3	EQ	Répáshuta
1202.	2022.08.03	07:12:01.2	45.5141	16.4932	2.5	2.0	EQ	Croatia



	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1203.	2022.08.03	07:21:50.0	47.8408	19.8242	0.0	1.8	EX	Gyöngyöspata
1204.	2022.08.03	08:44:09.8	48.4947	17.5119	0.0	-	EX	Slovakia
1205.	2022.08.03	09:07:08.7	48.8785	21.0428	0.0	-	EX	Slovakia
1206.	2022.08.03	10:26:49.2	48.7196	18.7066	0.0	1.8	EX	Slovakia
1207.	2022.08.04	07:47:06.0	48.3172	21.2817	0.0	-	EX	Sima
1208.	2022.08.04	07:55:25.2	46.1146	18.1010	0.0	1.3	EX	Kővágótöttös
1209.	2022.08.04	08:06:01.9	47.3508	18.2874	0.0	1.7	EX	Csókakő
1210.	2022.08.04	08:27:27.0	48.9523	19.4021	0.0	1.2	EX	Slovakia
1211.	2022.08.04	08:34:35.3	48.4476	19.3736	0.0	1.6	EX	Slovakia
1212.	2022.08.04	08:48:58.6	48.6809	20.8136	0.0	1.2	EX	Slovakia
1213.	2022.08.04	09:04:44.7	48.9946	20.3604	0.0	1.3	EX	Slovakia
1214.	2022.08.04	09:19:37.3	48.7538	21.6440	0.0	1.9	EX	Slovakia
1215.	2022.08.04	09:33:42.4	47.8584	16.0526	0.0	-	EX	Austria
1216.	2022.08.04	10:03:44.1	48.4502	20.5981	0.0	-	EX	Teresztenye
1217.	2022.08.05	07:29:28.8	47.9590	20.3545	0.0	1.2	GT	Eger-III.
1218.	2022.08.05	07:31:44.0	48.0471	20.6805	0.0	1.2	GT	Miskolc-Mexikóvölgy
1219.	2022.08.05	08:56:03.5	46.9219	22.8179	0.0	-	EX	Romania
1220.	2022.08.05	09:08:13.2	48.7094	21.4452	0.0	1.5	EX	Slovakia
1221.	2022.08.05	09:23:30.4	48.4798	20.6997	0.0	0.6	EX	Perkupa
1222.	2022.08.05	12:46:24.2	47.7364	16.0668	0.0	-	EX	Austria
1223.	2022.08.05	17:38:06.9	48.0782	20.5313	10.0	0.7	EQ	Répáshuta
1224.	2022.08.06	07:36:45.0	46.1144	18.3159	0.0	-	EX	Bogád
1225.	2022.08.06	11:28:47.7	45.5071	16.1560	5.0	1.6	EQ	Croatia
1226.	2022.08.06	19:07:12.7	47.4133	19.7409	12.6	-	EQ	Nagykáta
1227.	2022.08.07	11:40:18.3	47.7096	16.1897	13.1	1.0	EQ	Austria
1228.	2022.08.07	18:13:34.3	45.5804	16.0276	13.0	-	EQ	Croatia
1229.	2022.08.07	19:16:42.1	46.1593	16.0860	4.4	1.6	EQ	Croatia
1230.	2022.08.08	07:03:22.1	47.7287	18.5019	0.0	-	EX	Lábatlan
1231.	2022.08.08	08:10:02.2	48.5427	17.5033	0.0	-	EX	Slovakia
1232.	2022.08.08	12:22:57.8	46.1654	16.0113	0.0	1.6	EX	Croatia
1233.	2022.08.09	08:59:51.0	48.4129	17.3577	0.0	-	EX	Slovakia
1234.	2022.08.09	09:10:52.5	48.5934	20.3840	0.0	1.1	EX	Slovakia
1235.	2022.08.09	09:19:18.8	48.7558	20.3845	0.0	1.4	EX	Slovakia
1236.	2022.08.09	09:47:48.9	45.5325	16.1255	13.0	1.5	EQ	Croatia
1237.	2022.08.09	10:30:40.1	48.0061	19.6278	0.0	-	GT	Nagylóc
1238.	2022.08.10	07:30:14.1	48.5723	20.8534	0.0	1.2	EX	Slovakia
1239.	2022.08.10	07:36:01.1	48.8314	21.5846	0.0	1.8	EX	Slovakia
1240.	2022.08.10	07:40:39.3	48.8198	16.1472	0.0	1.7	EX	Czech
1241.	2022.08.10	08:55:34.4	46.8548	17.2699	0.0	1.9	GT	Várköly
1242.	2022.08.10	09:00:19.3	48.4067	17.2916	0.0	-	EX	Slovakia
1243.	2022.08.10	09:04:10.1	48.3915	17.3432	0.0	1.5	EX	Slovakia
1244.	2022.08.10	10:00:22.4	48.1419	16.9650	0.0	-	EX	Austria
1245.	2022.08.10	10:45:14.5	47.8857	20.1559	0.0	1.4	EX	Tarnaszentmária
1246.	2022.08.10	11:01:46.5	45.9867	22.3289	0.0	1.6	EX	Romania
1247.	2022.08.11	06:17:08.4	46.0712	22.9985	0.0	1.4	EX	Romania
1248.	2022.08.11	07:00:32.4	48.2916	19.8700	0.0	1.6	EX	Slovakia
1249.	2022.08.11	08:51:31.2	47.3582	18.3896	0.0	-	EX	Gánt
1250.	2022.08.11	09:01:26.6	48.4508	17.4956	0.0	-	EX	Slovakia
1251.	2022.08.11	09:10:57.1	47.8490	19.0786	0.0	1.8	EX	Szendehely
1252.	2022.08.11	09:19:31.0	48.6612	18.6197	0.0	1.9	EX	Slovakia
1253.	2022.08.11	10:54:34.1	48.6181	20.1893	0.0	-	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1254.	2022.08.12	05:29:31.7	47.3066	18.2792	0.0	1.6	EX	Söréd
1255.	2022.08.12	06:51:20.8	47.3167	18.3081	0.0	-	GT	Magyaralmás
1256.	2022.08.12	07:12:08.8	47.9879	16.6414	0.0	-	EX	Austria
1257.	2022.08.12	07:47:06.7	48.4406	19.5537	0.0	-	EX	Slovakia
1258.	2022.08.12	07:56:06.1	48.2405	21.1994	0.0	1.8	EX	Golop
1259.	2022.08.12	08:34:51.7	48.4569	20.7959	0.0	1.4	EX	Meszies
1260.	2022.08.12	09:19:55.2	46.1126	21.6130	0.0	2.4	EX	Romania
1261.	2022.08.12	09:42:33.1	48.4419	19.5788	0.0	1.4	EX	Slovakia
1262.	2022.08.13	07:56:41.1	46.5964	21.2452	4.2	1.6	EQ	Gyula
1263.	2022.08.13	07:58:57.1	46.5684	21.2148	17.1	1.8	EQ	Kétegyháza
1264.	2022.08.13	08:44:51.0	48.0398	20.5326	5.0	-	EQ	Répáshuta
1265.	2022.08.14	13:28:58.8	48.1040	20.4014	5.0	-	EQ	Szilvásvár
1266.	2022.08.15	07:44:11.4	48.6781	21.3704	0.0	1.6	EX	Slovakia
1267.	2022.08.15	08:28:36.9	48.5771	17.5012	0.0	1.5	EX	Slovakia
1268.	2022.08.15	08:49:58.7	46.0927	18.0363	0.0	1.6	EX	Boda
1269.	2022.08.15	10:37:13.0	48.5499	20.7962	0.0	1.4	EX	Bódvalenke
1270.	2022.08.15	12:47:23.1	48.3338	19.8557	0.0	1.6	EX	Slovakia
1271.	2022.08.16	06:56:34.7	48.5871	18.4858	0.0	1.5	EX	Slovakia
1272.	2022.08.16	07:47:16.5	47.8466	19.1058	0.0	1.4	EX	Szendehely
1273.	2022.08.16	08:18:52.6	47.1182	17.9942	0.0	-	EX	Litér
1274.	2022.08.16	08:56:08.0	48.5885	20.7674	0.0	1.4	EX	Slovakia
1275.	2022.08.16	11:41:13.8	47.3515	18.3821	0.0	1.7	EX	Csákberény
1276.	2022.08.16	11:53:03.5	46.2201	16.6110	4.9	1.8	EQ	Croatia
1277.	2022.08.17	06:42:08.0	47.9255	16.0532	0.0	-	EX	Austria
1278.	2022.08.17	06:56:37.6	47.8222	19.8572	0.0	1.8	GT	Gyöngyöstarján
1279.	2022.08.17	07:15:32.3	48.5194	17.4854	0.0	1.5	EX	Slovakia
1280.	2022.08.17	07:36:59.9	48.5673	20.8074	0.0	1.4	EX	Slovakia
1281.	2022.08.17	07:44:38.4	48.5551	18.8001	0.0	1.7	EX	Slovakia
1282.	2022.08.17	08:27:08.4	48.9134	19.8412	0.0	-	EX	Slovakia
1283.	2022.08.18	03:40:36.2	47.1116	17.5518	10.0	1.2	EQ	Ajka
1284.	2022.08.18	06:36:17.6	48.5344	17.4942	0.0	-	EX	Slovakia
1285.	2022.08.18	07:29:45.7	48.9982	19.3739	0.0	1.6	EX	Slovakia
1286.	2022.08.18	08:02:24.6	48.2655	21.1898	0.0	2.0	EX	Abaújszántó
1287.	2022.08.18	08:22:31.7	48.5097	20.8789	0.0	-	EX	Debréte
1288.	2022.08.18	08:25:42.1	48.4173	21.4291	0.0	1.6	EX	Háromhuta
1289.	2022.08.18	09:13:16.1	47.8855	16.0770	0.0	-	EX	Austria
1290.	2022.08.18	09:57:23.1	47.8940	20.1408	0.0	1.4	EX	Kisnána
1291.	2022.08.18	10:05:45.5	48.5365	20.7751	0.0	1.4	EX	Komjáti
1292.	2022.08.19	06:44:46.5	47.9573	20.4061	0.0	1.1	EX	Felsőtárkány
1293.	2022.08.19	08:42:25.2	48.5332	20.7983	0.0	-	EX	Bódvalenke
1294.	2022.08.19	09:14:06.5	47.8661	16.0608	0.0	-	EX	Austria
1295.	2022.08.21	03:33:02.9	45.8993	21.5734	11.3	1.5	EQ	Romania
1296.	2022.08.21	18:43:13.1	47.9011	16.2887	7.8	0.8	EQ	Austria
1297.	2022.08.22	08:49:46.9	48.5360	20.7485	0.0	1.4	EX	Bódvaszilás
1298.	2022.08.22	14:31:25.3	48.5162	18.5484	0.0	1.5	EX	Slovakia
1299.	2022.08.22	14:32:26.6	48.5777	18.6063	0.0	1.4	EX	Slovakia
1300.	2022.08.22	14:39:48.9	46.1065	21.6499	0.0	1.6	EX	Romania
1301.	2022.08.23	07:57:47.6	48.0061	19.6278	0.0	1.3	GT	Nagylóc
1302.	2022.08.23	08:03:20.3	48.2018	18.7744	0.0	1.8	EX	Slovakia
1303.	2022.08.23	08:24:54.0	48.5511	17.4354	0.0	-	EX	Slovakia
1304.	2022.08.23	08:28:06.5	47.3499	18.3622	0.0	1.7	EX	Csákberény

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1305.	2022.08.23	08:42:11.4	48.5414	20.7794	0.0	1.3	EX	Komjáti
1306.	2022.08.23	08:55:14.1	46.1625	18.2996	0.0	-	EX	Hosszúhetény
1307.	2022.08.23	09:03:04.8	48.0471	20.6805	0.0	1.6	GT	Miskolc-Mexikóvölgy
1308.	2022.08.23	10:54:25.2	47.5462	18.5156	0.0	-	EX	Szárliget
1309.	2022.08.23	11:28:09.0	48.0035	16.5589	0.0	-	EX	Austria
1310.	2022.08.24	07:39:57.6	48.3705	17.4237	0.0	1.7	EX	Slovakia
1311.	2022.08.24	07:46:25.9	47.8571	20.1282	0.0	2.0	EX	Kisnána
1312.	2022.08.24	07:49:52.6	48.5572	20.7947	0.0	1.5	EX	Tornanádaska
1313.	2022.08.24	08:06:49.9	46.9790	17.3040	0.0	1.9	GT	Sümege
1314.	2022.08.24	08:07:54.3	48.8866	21.0438	0.0	1.5	EX	Slovakia
1315.	2022.08.24	08:56:32.0	48.9729	20.2457	0.0	1.6	EX	Slovakia
1316.	2022.08.24	09:06:38.3	48.8175	16.1379	0.0	1.8	EX	Czech
1317.	2022.08.24	09:17:46.6	48.5598	20.7912	0.0	-	EX	Tornanádaska
1318.	2022.08.24	11:57:34.4	47.8646	16.0571	0.0	-	EX	Austria
1319.	2022.08.24	12:09:20.8	47.8909	16.0813	0.0	-	EX	Austria
1320.	2022.08.25	07:00:40.8	47.8327	19.1394	0.0	1.5	GT	Sejce-Vác
1321.	2022.08.25	07:09:52.5	48.2790	21.1927	0.0	1.7	EX	Abaújszántó
1322.	2022.08.25	07:15:48.5	46.8942	22.8456	0.0	-	EX	Romania
1323.	2022.08.25	09:49:19.4	48.7636	18.7194	0.0	1.7	EX	Slovakia
1324.	2022.08.25	09:53:57.5	48.9277	21.3811	0.0	1.6	EX	Slovakia
1325.	2022.08.26	05:28:08.4	45.5298	16.0771	0.2	1.9	EQ	Croatia
1326.	2022.08.26	10:11:24.2	48.5465	20.9055	0.0	1.6	EX	Slovakia
1327.	2022.08.27	00:39:59.7	45.8843	16.0074	4.5	1.8	EQ	Croatia
1328.	2022.08.27	02:01:20.8	48.8816	21.7734	10.1	-	EQ	Slovakia
1329.	2022.08.28	01:27:17.8	46.2581	22.4869	13.1	1.4	EQ	Romania
1330.	2022.08.28	07:37:46.7	46.0600	17.2174	12.0	1.3	EQ	Croatia
1331.	2022.08.29	08:15:56.9	47.0832	17.9367	0.0	1.5	EX	Veszprém
1332.	2022.08.29	08:18:35.4	48.4756	20.7703	0.0	-	EX	Martonyi
1333.	2022.08.29	10:04:25.2	46.1135	18.0915	0.0	1.9	EX	Bakonya
1334.	2022.08.29	11:02:19.8	48.4102	20.7053	0.0	1.0	EX	Szendró
1335.	2022.08.29	11:20:55.2	47.8334	16.0351	0.0	-	EX	Austria
1336.	2022.08.29	12:05:30.8	47.0074	18.8459	10.0	1.3	EQ	Nagyvenyim
1337.	2022.08.29	22:19:21.4	47.8296	16.3164	8.4	1.1	EQ	Austria
1338.	2022.08.30	06:03:40.6	47.2998	17.6588	0.0	-	EX	Bakonykoppány
1339.	2022.08.30	07:58:09.2	48.9354	19.4067	0.0	-	EX	Slovakia
1340.	2022.08.30	08:15:00.2	48.1848	19.9783	0.0	1.5	EX	Slovakia
1341.	2022.08.30	08:25:31.9	48.9163	19.3115	0.0	-	EX	Slovakia
1342.	2022.08.30	08:33:40.2	47.8691	16.0531	0.0	-	EX	Austria
1343.	2022.08.30	09:22:37.4	48.6243	21.4616	0.0	1.7	EX	Slovakia
1344.	2022.08.30	14:37:49.3	48.0061	19.6278	0.0	1.2	GT	Nagylóc
1345.	2022.08.31	04:38:47.6	46.0974	16.6288	7.4	1.9	EQ	Croatia
1346.	2022.08.31	07:27:55.5	47.9590	20.3545	0.0	1.1	GT	Eger-III.
1347.	2022.08.31	08:01:57.5	48.3923	19.1511	0.0	1.4	EX	Slovakia
1348.	2022.08.31	08:18:11.1	48.6441	21.4099	0.0	1.3	EX	Slovakia
1349.	2022.08.31	08:25:53.9	46.9790	17.3040	0.0	1.9	GT	Sümege
1350.	2022.08.31	08:54:42.1	48.3932	18.4864	0.0	-	EX	Slovakia
1351.	2022.08.31	09:16:33.1	48.6380	22.3867	0.0	1.5	EX	Ukraine
1352.	2022.08.31	09:25:28.9	48.7352	21.6494	0.0	1.8	EX	Slovakia
1353.	2022.09.01	01:07:26.6	45.9009	16.0361	3.2	1.7	EQ	Croatia
1354.	2022.09.01	02:28:02.4	45.8111	16.5990	30.5	1.5	EQ	Croatia
1355.	2022.09.01	08:24:33.5	47.8327	19.1394	0.0	1.4	GT	Sejce-Vác

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1356.	2022.09.01	08:48:13.7	48.2598	21.2174	0.0	1.8	EX	Tálya
1357.	2022.09.01	10:28:35.8	47.8327	19.1394	0.0	1.7	GT	Sejce-Vác
1358.	2022.09.01	18:57:56.6	45.5250	21.0759	6.3	1.9	EQ	Romania
1359.	2022.09.02	00:40:28.5	46.1670	16.8944	6.8	1.7	EQ	Croatia
1360.	2022.09.02	05:58:22.7	47.9744	16.0941	0.0	-	EX	Austria
1361.	2022.09.02	07:00:44.6	47.1531	18.0119	0.0	1.2	EX	Hajmáskér
1362.	2022.09.02	09:30:55.8	47.8817	16.0754	0.0	-	EX	Austria
1363.	2022.09.02	09:47:46.7	47.8706	16.0456	0.0	-	EX	Austria
1364.	2022.09.02	10:53:16.6	47.0987	18.0537	0.0	1.4	EX	Királyszentistván
1365.	2022.09.03	18:17:05.9	47.8691	16.3921	14.6	-	EQ	Austria
1366.	2022.09.04	20:45:15.0	47.7792	16.1580	10.1	-	EQ	Austria
1367.	2022.09.05	06:38:30.8	47.3167	18.3081	0.0	1.9	GT	Magyaralmás
1368.	2022.09.05	08:00:39.8	46.9624	17.3289	0.0	1.7	EX	Sümeg
1369.	2022.09.05	08:08:06.2	48.5117	17.5307	0.0	-	EX	Slovakia
1370.	2022.09.05	08:41:49.6	48.9717	21.2710	0.0	1.6	EX	Slovakia
1371.	2022.09.05	09:09:13.2	48.6698	18.4220	0.0	1.7	EX	Slovakia
1372.	2022.09.05	12:50:17.1	47.5577	18.4810	0.0	-	GT	Tatabánya
1373.	2022.09.05	12:56:11.8	47.9015	16.1052	0.0	-	EX	Austria
1374.	2022.09.05	14:12:51.4	48.6808	19.1765	0.0	1.5	EX	Slovakia
1375.	2022.09.06	06:29:40.0	47.0569	17.9954	0.0	1.5	EX	Szentkirályszabadja
1376.	2022.09.06	08:14:08.8	47.3504	18.3846	0.0	1.5	EX	Csákberény
1377.	2022.09.06	08:17:44.9	48.5652	20.7792	0.0	1.6	EX	Tornanádaska
1378.	2022.09.06	08:51:17.3	48.6349	21.3682	0.0	1.6	EX	Slovakia
1379.	2022.09.06	08:58:32.3	48.3960	19.2051	0.0	1.6	EX	Slovakia
1380.	2022.09.06	09:21:24.9	47.2302	18.2835	0.0	-	GT	Izszakszentgyörgy
1381.	2022.09.06	09:37:21.7	47.9097	16.1054	0.0	-	EX	Austria
1382.	2022.09.06	09:45:18.4	47.8017	20.1914	0.0	1.4	EX	Vécs
1383.	2022.09.06	19:20:30.3	47.8025	16.3404	11.3	2.2	EQ	Austria
1384.	2022.09.06	22:59:50.4	47.9584	16.4430	8.6	-	EQ	Austria
1385.	2022.09.07	07:10:57.3	48.0471	20.6805	0.0	1.3	GT	Miskolc-Mexikóvölgy
1386.	2022.09.07	07:14:32.8	46.8651	22.8432	0.0	-	EX	Romania
1387.	2022.09.07	07:50:57.8	48.5405	19.3336	0.0	1.7	EX	Slovakia
1388.	2022.09.07	08:36:46.2	48.3223	19.8613	0.0	1.8	EX	Slovakia
1389.	2022.09.07	08:47:44.4	48.5353	17.5605	0.0	-	EX	Slovakia
1390.	2022.09.07	08:51:50.5	46.8902	17.3220	0.0	2.1	GT	Uzsa
1391.	2022.09.07	09:11:07.9	46.1313	18.0490	0.0	1.7	EX	Hetvehely
1392.	2022.09.07	09:25:27.0	48.5314	17.4629	0.0	-	EX	Slovakia
1393.	2022.09.07	09:28:18.2	48.7420	21.1893	0.0	1.6	EX	Slovakia
1394.	2022.09.07	09:59:55.8	47.0398	17.7176	0.0	-	EX	Tótvázsony
1395.	2022.09.07	11:44:48.0	46.0555	21.7831	0.0	-	EX	Romania
1396.	2022.09.08	06:47:28.1	48.3904	19.5438	0.0	1.5	EX	Slovakia
1397.	2022.09.08	08:21:02.7	47.9122	16.4711	0.0	-	EX	Austria
1398.	2022.09.08	08:41:33.1	48.9469	18.3220	0.0	1.7	EX	Slovakia
1399.	2022.09.08	08:44:52.4	48.5269	20.4166	0.0	1.3	EX	Slovakia
1400.	2022.09.08	09:23:50.9	48.3968	20.6156	0.0	1.2	EX	Felsőtelekes
1401.	2022.09.08	09:39:27.9	47.4282	18.7444	0.0	-	EX	Etyek
1402.	2022.09.08	10:48:11.0	48.2756	21.2033	0.0	1.7	EX	Abaújszántó
1403.	2022.09.09	08:37:02.0	47.8951	20.0754	0.0	1.9	EX	Parád
1404.	2022.09.09	08:46:35.9	47.9002	20.0755	0.0	1.4	EX	Parád
1405.	2022.09.09	09:45:04.3	48.4091	17.2719	0.0	1.9	EX	Slovakia
1406.	2022.09.09	10:01:00.1	48.1277	16.9580	0.0	-	EX	Austria

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1407.	2022.09.09	11:29:17.7	48.7003	19.2366	0.0	-	EX	Slovakia
1408.	2022.09.12	06:53:49.8	48.1691	21.4938	0.0	1.4	EX	Szabolcs
1409.	2022.09.12	08:17:39.2	48.5462	20.7397	0.0	1.2	EX	Bódvaszilás
1410.	2022.09.12	08:19:33.2	48.4379	21.4194	0.0	-	EX	Kishuta
1411.	2022.09.12	08:38:47.4	48.8884	21.3153	0.0	1.8	EX	Slovakia
1412.	2022.09.12	08:54:46.8	48.0471	20.6805	0.0	-	GT	Miskolc-Mexikóvölgy
1413.	2022.09.12	13:49:41.2	48.8427	21.3189	0.0	1.8	EX	Slovakia
1414.	2022.09.13	06:04:51.8	47.8269	20.1446	0.0	1.4	EX	Domoszló
1415.	2022.09.13	07:04:04.1	46.1035	18.0223	0.0	1.4	EX	Bükkösd
1416.	2022.09.13	08:09:21.5	47.3663	18.3810	0.0	-	EX	Gánt
1417.	2022.09.13	09:02:01.1	48.5529	20.7815	0.0	1.4	EX	Tornanádaska
1418.	2022.09.13	09:08:30.9	48.6405	21.5023	0.0	1.6	EX	Slovakia
1419.	2022.09.13	10:14:06.0	47.5577	18.4810	0.0	-	GT	Tatabánya
1420.	2022.09.13	10:31:30.1	46.1611	18.2925	0.0	1.3	EX	Mánfa
1421.	2022.09.13	11:44:31.5	48.7854	20.3903	0.0	-	EX	Slovakia
1422.	2022.09.14	07:39:40.9	48.8377	20.9631	0.0	1.6	EX	Slovakia
1423.	2022.09.14	07:49:39.8	48.5221	17.4675	0.0	1.7	EX	Slovakia
1424.	2022.09.14	08:17:26.5	47.8297	19.4148	0.0	1.6	EX	Vanyarc
1425.	2022.09.14	08:36:46.2	48.5510	20.8757	0.0	0.9	EX	Slovakia
1426.	2022.09.14	09:00:42.9	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
1427.	2022.09.14	09:18:12.2	48.7933	20.1001	0.0	-	EX	Slovakia
1428.	2022.09.14	10:11:04.5	46.8548	17.2699	0.0	-	GT	Várköly
1429.	2022.09.14	10:22:46.0	47.7180	18.7130	0.0	1.5	GT	Dorog
1430.	2022.09.14	15:21:49.2	48.0061	19.6278	0.0	1.3	GT	Nagylóc
1431.	2022.09.15	07:50:01.7	48.2435	21.2367	0.0	1.8	EX	Tállya
1432.	2022.09.15	07:56:17.1	47.3419	18.4353	0.0	1.9	EX	Zámoly
1433.	2022.09.15	08:37:44.2	46.1398	18.3091	0.0	-	EX	Hosszúhetény
1434.	2022.09.16	06:34:42.2	46.0076	22.7155	0.0	-	EX	Romania
1435.	2022.09.16	07:31:55.9	48.0990	21.3149	0.0	1.4	EX	Taktabáj
1436.	2022.09.16	08:17:46.3	47.8327	19.1394	0.0	1.5	GT	Sejce-Vác
1437.	2022.09.16	08:27:01.6	48.9962	19.3695	0.0	-	EX	Slovakia
1438.	2022.09.16	09:22:49.3	47.9590	20.3545	0.0	1.1	GT	Eger-III.
1439.	2022.09.16	15:17:33.4	47.7016	16.0009	3.1	2.5	EQ	Austria
1440.	2022.09.19	07:16:50.6	48.0432	20.6572	0.0	-	EX	Bükkszentkereszt
1441.	2022.09.19	07:55:33.8	48.1157	21.3273	0.0	1.5	EX	Tarcal
1442.	2022.09.19	09:13:32.8	48.5105	20.8069	0.0	-	EX	Tornabarakony
1443.	2022.09.19	09:56:10.1	48.4369	19.5818	0.0	1.4	EX	Slovakia
1444.	2022.09.19	10:15:05.1	48.5905	21.3825	0.0	1.7	EX	Slovakia
1445.	2022.09.19	12:11:35.1	47.8561	16.0609	0.0	-	EX	Austria
1446.	2022.09.19	19:22:05.5	47.6629	18.2893	8.5	-	EQ	Tata
1447.	2022.09.19	19:26:42.0	45.5308	16.0981	13.0	2.9	EQ	Croatia
1448.	2022.09.20	07:42:05.6	48.2158	18.8080	0.0	1.8	EX	Slovakia
1449.	2022.09.20	08:28:01.2	48.8176	16.1620	0.0	1.8	EX	Czech
1450.	2022.09.20	08:42:18.6	48.6881	18.7069	0.0	2.0	EX	Slovakia
1451.	2022.09.20	08:44:54.2	48.4975	20.7925	0.0	1.4	EX	Tornabarakony
1452.	2022.09.20	10:22:07.2	48.3261	19.8775	0.0	1.7	EX	Slovakia
1453.	2022.09.20	10:50:35.1	48.3000	19.9113	0.0	1.4	EX	Slovakia
1454.	2022.09.20	16:36:26.7	46.1586	22.5366	14.3	1.9	EQ	Romania
1455.	2022.09.21	08:44:50.5	48.4115	17.2828	0.0	1.5	EX	Slovakia
1456.	2022.09.21	09:05:49.4	48.9745	18.3031	0.0	1.6	EX	Slovakia
1457.	2022.09.21	09:41:35.9	48.4074	17.3490	0.0	-	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1458.	2022.09.21	10:00:15.7	48.1674	16.9423	0.0	-	EX	Austria
1459.	2022.09.21	10:31:38.3	46.8902	17.3220	0.0	1.9	GT	Uzsa
1460.	2022.09.21	11:56:42.0	47.8928	16.0887	0.0	-	EX	Austria
1461.	2022.09.21	12:10:17.8	47.8393	20.1587	0.0	1.6	EX	Kisnána
1462.	2022.09.21	15:45:02.0	45.6077	16.0705	1.9	1.7	EQ	Croatia
1463.	2022.09.22	06:20:17.9	48.2107	21.2228	0.0	1.8	EX	Rátka
1464.	2022.09.22	07:18:36.9	47.3589	18.3818	0.0	-	EX	Gánt
1465.	2022.09.22	07:31:03.6	48.7732	19.4297	0.0	2.4	EX	Slovakia
1466.	2022.09.22	08:40:04.8	48.8698	21.0745	0.0	-	EX	Slovakia
1467.	2022.09.22	08:47:30.6	48.5174	20.7930	0.0	1.3	EX	Tornaszentandrás
1468.	2022.09.22	09:05:29.2	47.7040	18.5536	0.0	1.9	EX	Bajót
1469.	2022.09.22	09:45:21.8	47.7476	19.0748	0.0	1.5	EX	Tahitótfalu
1470.	2022.09.22	10:06:02.2	48.0061	19.6278	0.0	1.4	GT	Nagylóc
1471.	2022.09.22	20:16:07.1	47.3766	18.2384	3.7	1.5	EQ	Mór
1472.	2022.09.23	07:19:39.1	48.7581	19.3663	0.0	1.6	EX	Slovakia
1473.	2022.09.23	07:28:45.8	48.5238	20.7895	0.0	1.5	EX	Tornaszentandrás
1474.	2022.09.23	08:05:21.1	48.9758	21.2200	0.0	2.0	EX	Slovakia
1475.	2022.09.23	08:10:05.0	45.9295	22.5183	0.0	1.8	EX	Romania
1476.	2022.09.23	08:57:08.8	48.4953	17.5209	0.0	-	EX	Slovakia
1477.	2022.09.23	09:15:53.8	46.1102	18.0288	0.0	1.8	EX	Bükkösd
1478.	2022.09.23	09:24:17.8	46.8902	17.3220	0.0	2.1	GT	Uzsa
1479.	2022.09.23	12:29:22.6	47.6410	20.1583	13.2	1.4	EQ	Tarnaméra
1480.	2022.09.24	08:16:57.0	46.1061	16.1594	12.7	2.1	EQ	Croatia
1481.	2022.09.26	07:27:49.3	48.0666	20.6981	0.0	-	EX	Bükkszentkereszt
1482.	2022.09.26	07:38:20.3	47.0984	18.0762	0.0	1.4	EX	Vilonya
1483.	2022.09.26	08:44:56.3	48.4040	19.1432	0.0	1.9	EX	Slovakia
1484.	2022.09.26	10:00:15.0	48.1439	16.9335	0.0	-	EX	Austria
1485.	2022.09.26	11:26:32.4	48.8964	20.7115	0.0	1.8	EX	Slovakia
1486.	2022.09.26	12:00:20.7	48.9466	19.3615	0.0	-	EX	Slovakia
1487.	2022.09.26	13:29:46.1	47.1602	22.2603	0.0	-	EX	Romania
1488.	2022.09.27	01:11:30.3	45.5360	16.0201	5.0	1.9	EQ	Croatia
1489.	2022.09.27	07:38:07.5	48.7332	18.7194	0.0	1.8	EX	Slovakia
1490.	2022.09.27	08:28:44.0	48.6060	20.8274	0.0	1.8	EX	Slovakia
1491.	2022.09.27	10:13:46.5	47.1272	17.8195	0.0	-	EX	Márkó
1492.	2022.09.27	11:32:35.1	47.9008	16.1033	0.0	-	EX	Austria
1493.	2022.09.28	07:24:22.9	46.9790	17.3040	0.0	-	GT	Sümeg
1494.	2022.09.28	07:30:14.6	48.4123	17.3076	0.0	1.8	EX	Slovakia
1495.	2022.09.28	07:53:21.0	48.7306	18.7222	0.0	1.8	EX	Slovakia
1496.	2022.09.28	08:50:27.3	47.9703	16.0463	0.0	-	EX	Austria
1497.	2022.09.28	09:29:32.7	48.5033	21.3881	0.0	-	EX	Telkibánya
1498.	2022.09.28	11:53:59.9	47.3577	16.3629	0.0	1.6	EX	Austria
1499.	2022.09.28	14:24:12.8	47.8444	16.5900	11.5	1.1	EQ	Austria
1500.	2022.09.29	06:30:13.6	48.0206	20.6816	0.0	-	EX	Kisgyőr
1501.	2022.09.29	07:35:34.0	46.1110	18.0682	0.0	1.7	EX	Bakonya
1502.	2022.09.29	07:56:33.3	48.5378	17.4465	0.0	1.5	EX	Slovakia
1503.	2022.09.29	08:01:04.1	46.0620	22.8769	0.0	-	EX	Romania
1504.	2022.09.29	08:06:47.6	47.9049	16.0767	0.0	-	EX	Austria
1505.	2022.09.29	08:24:38.7	48.4958	19.3986	0.0	-	EX	Slovakia
1506.	2022.09.29	08:47:06.0	48.4346	20.7877	0.0	-	EX	Meszes
1507.	2022.09.29	08:58:25.6	48.2401	21.2166	0.0	1.9	EX	Tállya
1508.	2022.09.29	13:20:04.0	46.4411	17.1954	5.0	1.5	EQ	Pat

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1509.	2022.09.30	06:39:31.5	48.5462	19.3220	0.0	1.6	EX	Slovakia
1510.	2022.09.30	08:02:19.1	48.8167	16.1992	0.0	1.7	EX	Czech
1511.	2022.09.30	11:46:13.3	47.0519	22.2983	0.0	-	EX	Romania
1512.	2022.09.30	13:43:28.7	46.0865	21.7321	0.0	1.5	EX	Romania
1513.	2022.09.30	17:02:16.9	46.1240	17.0158	8.5	2.2	EQ	Croatia
1514.	2022.09.30	17:12:19.3	45.5003	16.1157	3.7	1.6	EQ	Croatia
1515.	2022.10.01	00:29:36.4	47.9764	19.4721	1.2	1.1	EQ	Herencsény
1516.	2022.10.02	05:52:53.0	48.2935	16.8428	5.3	2.7	EQ	Austria
1517.	2022.10.02	06:28:10.2	48.2840	16.8345	5.3	1.5	EQ	Austria
1518.	2022.10.02	08:17:35.1	48.3084	16.8376	6.0	2.4	EQ	Austria
1519.	2022.10.02	08:28:26.6	48.3048	16.8395	5.4	1.7	EQ	Austria
1520.	2022.10.02	08:34:04.2	48.3002	16.8399	5.3	1.9	EQ	Austria
1521.	2022.10.02	08:41:32.3	48.3194	16.8407	8.1	1.8	EQ	Austria
1522.	2022.10.02	08:54:50.3	48.3074	16.8592	5.0	-	EQ	Austria
1523.	2022.10.02	09:10:08.9	48.3110	16.8456	7.3	1.8	EQ	Austria
1524.	2022.10.02	09:10:34.6	48.3099	16.8565	5.0	-	EQ	Austria
1525.	2022.10.02	12:25:20.4	48.4361	16.8906	10.9	-	EQ	Slovakia
1526.	2022.10.02	12:32:58.1	48.4150	16.9033	9.0	1.9	EQ	Slovakia
1527.	2022.10.03	06:26:56.1	48.5131	17.6059	0.0	-	EX	Slovakia
1528.	2022.10.03	09:03:50.1	47.8327	19.1394	0.0	1.5	GT	Sejce-Vác
1529.	2022.10.03	15:15:59.6	47.8981	16.2568	0.0	-	EX	Austria
1530.	2022.10.03	22:47:30.0	45.8983	16.0009	7.1	2.0	EQ	Croatia
1531.	2022.10.04	06:49:51.4	46.1400	22.8063	0.0	1.8	EX	Romania
1532.	2022.10.04	07:14:29.1	47.3052	17.6923	0.0	1.9	EX	Bakonykoppány
1533.	2022.10.04	07:31:58.4	46.1086	18.1014	0.0	-	EX	Kővágótöttös
1534.	2022.10.04	09:22:29.2	47.8429	16.0128	0.0	-	EX	Austria
1535.	2022.10.04	10:57:56.8	48.4264	19.5531	0.0	1.4	EX	Slovakia
1536.	2022.10.04	12:49:39.7	46.9531	22.3118	0.0	-	EX	Romania
1537.	2022.10.04	18:27:35.5	45.5070	16.4442	8.5	1.5	EQ	Croatia
1538.	2022.10.05	07:52:33.6	48.5254	21.4015	0.0	-	EX	Hollóháza
1539.	2022.10.05	08:21:34.4	48.5397	20.3932	0.0	1.4	EX	Slovakia
1540.	2022.10.05	08:54:58.3	47.9590	20.3545	0.0	1.2	GT	Eger-III.
1541.	2022.10.05	10:00:10.8	48.1455	16.9303	0.0	-	EX	Austria
1542.	2022.10.05	10:41:03.8	46.9243	22.8346	0.0	2.0	EX	Romania
1543.	2022.10.05	12:07:47.9	48.5809	20.8716	0.0	1.2	EX	Slovakia
1544.	2022.10.06	08:12:02.5	48.9898	21.2590	0.0	2.0	EX	Slovakia
1545.	2022.10.06	09:52:31.2	48.5519	20.7299	0.0	-	EX	Bódvaszilas
1546.	2022.10.06	10:35:47.4	47.5577	18.4810	0.0	-	GT	Tatabánya
1547.	2022.10.06	10:42:48.5	48.9201	18.2840	0.0	-	EX	Slovakia
1548.	2022.10.07	05:08:08.1	46.2963	19.8375	10.6	-	EQ	Zákányszék
1549.	2022.10.07	08:10:59.2	48.5042	20.7563	0.0	1.4	EX	Bódvarákó
1550.	2022.10.07	08:40:03.8	48.4275	17.2716	0.0	-	EX	Slovakia
1551.	2022.10.07	10:00:31.4	48.1196	16.9694	0.0	-	EX	Austria
1552.	2022.10.10	08:07:31.5	48.0471	20.6805	0.0	1.6	GT	Miskolc-Mexikóvölgy
1553.	2022.10.10	08:08:33.9	47.2865	17.6572	0.0	1.1	EX	Bakonykoppány
1554.	2022.10.10	08:52:47.1	47.8603	19.8666	0.0	-	EX	Gyöngyösorosi
1555.	2022.10.10	09:09:54.3	47.8574	20.1400	0.0	-	EX	Kisnána
1556.	2022.10.10	11:46:05.0	47.8901	16.0702	0.0	1.7	EX	Austria
1557.	2022.10.10	19:04:03.2	47.4244	18.1695	9.0	-	EQ	Pusztavám
1558.	2022.10.11	06:42:20.4	47.9475	20.3889	5.0	1.0	EQ	Felsőtárkány
1559.	2022.10.11	08:28:23.1	48.5139	17.5101	0.0	-	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1560.	2022.10.11	09:00:27.7	47.9618	16.0717	0.0	-	EX	Austria
1561.	2022.10.11	09:30:00.6	48.4240	17.2756	0.0	2.0	EX	Slovakia
1562.	2022.10.11	09:35:24.3	47.7791	19.0372	0.0	1.9	GT	Dunabogdány
1563.	2022.10.12	04:18:14.8	46.5003	17.2043	9.9	1.5	EQ	Somogysimonyi
1564.	2022.10.12	07:28:29.1	47.8327	19.1394	0.0	1.7	GT	Sejce-Vác
1565.	2022.10.12	08:34:16.2	46.9105	22.8826	0.0	-	EX	Romania
1566.	2022.10.12	08:44:27.5	48.6142	20.8110	0.0	1.5	EX	Slovakia
1567.	2022.10.12	09:10:55.5	48.4523	19.1548	0.0	1.7	EX	Slovakia
1568.	2022.10.12	09:20:30.8	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
1569.	2022.10.12	11:38:42.5	46.8755	17.3139	0.0	-	EX	Várvölgy
1570.	2022.10.13	03:36:58.0	47.4177	18.2075	9.0	-	EQ	Pusztavám
1571.	2022.10.13	05:49:34.8	47.4004	18.2647	9.0	-	EQ	Pusztavám
1572.	2022.10.13	07:01:13.9	48.4526	17.6194	0.0	-	EX	Slovakia
1573.	2022.10.13	07:48:10.9	47.3857	18.3914	0.0	-	EX	Gánt
1574.	2022.10.13	08:13:37.9	48.6229	20.4068	5.0	0.9	EQ	Slovakia
1575.	2022.10.13	09:13:18.3	48.2724	21.2037	0.0	1.9	EX	Abaujszántó
1576.	2022.10.13	09:18:46.7	48.3941	20.6203	0.0	1.0	EX	Felsőtelekes
1577.	2022.10.13	10:00:10.4	48.0847	17.0094	0.0	-	EX	Austria
1578.	2022.10.13	13:42:20.7	47.9019	19.2467	0.0	2.1	EX	Romhány
1579.	2022.10.14	06:34:43.8	47.9590	20.3545	0.0	1.2	GT	Eger-III.
1580.	2022.10.14	07:28:26.0	48.4208	18.6188	0.0	1.7	EX	Slovakia
1581.	2022.10.14	07:45:32.7	48.2170	18.8036	0.0	1.6	EX	Slovakia
1582.	2022.10.14	07:59:33.6	48.5976	20.7980	0.0	1.4	EX	Slovakia
1583.	2022.10.14	08:06:49.2	48.5580	19.3184	0.0	1.6	EX	Slovakia
1584.	2022.10.14	08:08:22.2	48.5296	19.3327	0.0	1.6	EX	Slovakia
1585.	2022.10.14	10:18:37.2	47.5577	18.4810	0.0	-	GT	Tatabánya
1586.	2022.10.14	11:20:54.0	48.9501	21.2898	0.0	1.7	EX	Slovakia
1587.	2022.10.14	11:37:03.9	47.8763	20.1393	0.0	1.3	EX	Kisnána
1588.	2022.10.15	21:50:56.2	47.4654	18.2118	5.0	-	EQ	Bokod
1589.	2022.10.17	07:39:20.9	48.3775	19.5377	0.0	1.5	EX	Slovakia
1590.	2022.10.17	07:48:24.4	47.1349	17.8461	0.0	1.5	EX	Márkó
1591.	2022.10.17	08:21:54.5	46.9109	22.8595	0.0	-	EX	Romania
1592.	2022.10.17	08:54:28.0	48.5016	17.4563	0.0	1.4	EX	Slovakia
1593.	2022.10.17	08:57:24.3	47.8920	19.4049	0.0	2.0	GT	Bercel
1594.	2022.10.17	09:33:11.0	47.8751	16.0610	0.0	1.6	EX	Austria
1595.	2022.10.17	10:04:28.5	48.4398	19.5471	0.0	1.5	EX	Slovakia
1596.	2022.10.17	23:31:58.0	46.2581	16.4753	22.6	1.4	EQ	Croatia
1597.	2022.10.18	02:41:31.3	46.2325	16.5580	5.0	1.5	EQ	Croatia
1598.	2022.10.18	07:58:39.6	48.0471	20.6805	0.0	1.5	GT	Miskolc-Mexikóvölgy
1599.	2022.10.18	08:13:55.6	47.3600	18.3560	0.0	-	EX	Csákberény
1600.	2022.10.18	09:51:50.3	48.4095	19.1040	0.0	1.7	EX	Slovakia
1601.	2022.10.18	10:26:45.6	47.7777	20.1747	0.0	1.6	EX	Vécs
1602.	2022.10.18	16:12:00.2	47.3850	18.2476	7.3	-	EQ	Mór
1603.	2022.10.19	07:22:20.6	46.5041	17.2138	9.5	2.3	EQ	Somogysimonyi
1604.	2022.10.19	10:16:47.6	48.2993	19.9439	0.0	1.2	EX	Slovakia
1605.	2022.10.19	13:25:37.0	46.5258	17.1968	15.0	1.5	EQ	Zalakomár
1606.	2022.10.19	14:57:47.7	46.5092	17.2475	13.0	1.7	EQ	Nemesvid
1607.	2022.10.20	07:32:12.4	47.3167	18.3081	0.0	-	GT	Magyaralmás
1608.	2022.10.20	08:00:03.0	48.4128	17.2950	0.0	1.9	EX	Slovakia
1609.	2022.10.20	08:24:49.1	47.7541	19.1187	0.0	1.7	EX	Vác
1610.	2022.10.20	08:32:32.5	48.4829	17.6122	0.0	-	EX	Slovakia



	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1611.	2022.10.20	08:59:50.1	48.2160	21.2003	0.0	1.8	EX	Rátka
1612.	2022.10.20	09:57:56.2	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
1613.	2022.10.20	11:08:57.9	47.8793	16.0396	0.0	-	EX	Austria
1614.	2022.10.20	11:50:48.3	46.3449	22.9279	0.0	1.6	EX	Romania
1615.	2022.10.21	07:14:38.4	48.4124	19.1105	0.0	-	EX	Slovakia
1616.	2022.10.21	07:57:47.2	48.4279	17.4719	0.0	-	EX	Slovakia
1617.	2022.10.21	10:32:41.2	48.6121	19.6724	0.0	-	EX	Slovakia
1618.	2022.10.21	21:49:10.9	47.4044	19.9609	12.0	1.4	EQ	Jászboldogháza
1619.	2022.10.22	00:03:00.2	46.4541	16.2077	8.3	1.9	EQ	Slovenia
1620.	2022.10.22	09:19:54.9	47.1275	19.7736	9.0	1.7	EQ	Nyársapát
1621.	2022.10.22	19:50:38.3	46.5016	17.2269	10.0	2.2	EQ	Somogysimonyi
1622.	2022.10.22	20:59:57.4	46.4999	17.2199	11.9	2.5	EQ	Somogysimonyi
1623.	2022.10.22	22:42:37.4	46.0022	17.2226	8.6	1.8	EQ	Croatia
1624.	2022.10.22	23:34:58.1	46.5615	17.1872	21.5	1.5	EQ	Zalakomár
1625.	2022.10.22	23:51:24.4	46.5191	17.2255	9.3	1.5	EQ	Somogysimonyi
1626.	2022.10.23	07:00:33.5	46.5500	17.1992	14.0	-	EQ	Zalakomár
1627.	2022.10.24	05:20:00.1	48.1693	22.1430	10.8	1.9	EQ	Szabolcsbáka
1628.	2022.10.24	06:08:28.8	47.3516	18.2229	5.0	-	EQ	Mór
1629.	2022.10.24	09:07:10.9	47.5577	18.4810	0.0	1.5	GT	Tatabánya
1630.	2022.10.24	09:27:15.6	47.7897	16.1526	6.6	-	EQ	Austria
1631.	2022.10.25	06:45:13.4	46.8752	22.8365	0.0	1.6	EX	Romania
1632.	2022.10.25	08:09:19.6	45.7749	18.4133	0.0	-	EX	Kásád
1633.	2022.10.25	08:30:35.5	47.9590	20.3545	0.0	1.1	GT	Eger-III.
1634.	2022.10.25	09:03:28.6	48.5385	19.3710	0.0	1.6	EX	Slovakia
1635.	2022.10.25	10:00:31.6	48.1296	16.9530	0.0	-	EX	Austria
1636.	2022.10.25	11:09:56.4	48.6578	21.4661	0.0	1.6	EX	Slovakia
1637.	2022.10.26	07:58:14.2	46.8548	17.2699	0.0	2.0	GT	Várvolgy
1638.	2022.10.26	08:14:59.5	48.7781	21.6497	0.0	1.9	EX	Slovakia
1639.	2022.10.26	08:58:31.9	48.9751	21.3518	0.0	1.6	EX	Slovakia
1640.	2022.10.26	09:16:13.8	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
1641.	2022.10.27	08:29:18.4	48.5156	17.4523	0.0	-	EX	Slovakia
1642.	2022.10.27	08:57:38.0	48.4981	19.3950	0.0	1.6	EX	Slovakia
1643.	2022.10.27	09:12:46.1	48.2210	21.2304	0.0	1.8	EX	Rátka
1644.	2022.10.27	09:35:55.7	48.8500	20.5038	0.0	1.9	EX	Slovakia
1645.	2022.10.27	11:45:00.3	47.3209	18.4060	0.0	1.8	EX	Zámoly
1646.	2022.10.27	12:33:52.5	47.9263	20.1285	0.0	1.3	EX	Recsk
1647.	2022.10.27	16:18:36.6	47.6956	16.0040	6.9	1.6	EQ	Austria
1648.	2022.10.27	16:42:25.5	47.6857	16.0207	12.0	-	EQ	Austria
1649.	2022.10.27	18:05:43.2	47.9560	16.4823	18.6	-	EQ	Austria
1650.	2022.10.28	03:49:53.1	48.5377	17.5341	4.7	1.4	EQ	Slovakia
1651.	2022.10.28	07:43:07.0	46.8688	22.8980	0.0	2.0	EX	Romania
1652.	2022.10.28	09:30:19.2	48.6034	21.3787	0.0	1.6	EX	Slovakia
1653.	2022.10.28	09:50:56.9	46.1522	18.2998	0.0	-	EX	Hosszúhetény
1654.	2022.10.28	10:13:08.7	48.7959	20.0939	0.0	1.4	EX	Slovakia
1655.	2022.10.28	10:18:48.6	48.9270	19.3737	0.0	1.7	EX	Slovakia
1656.	2022.10.28	10:40:55.9	48.3906	17.3321	0.0	1.7	EX	Slovakia
1657.	2022.10.30	11:56:50.2	45.5623	16.4462	10.0	1.7	EQ	Croatia
1658.	2022.10.30	19:15:28.4	45.5124	16.2705	5.0	1.3	EQ	Croatia
1659.	2022.10.31	03:06:53.4	45.5024	18.3426	11.8	3.3	EQ	Croatia
1660.	2022.10.31	10:44:50.3	48.6707	18.5750	0.0	1.8	EX	Slovakia
1661.	2022.10.31	10:50:58.0	48.7014	18.6663	0.0	1.9	EX	Slovakia

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1662.	2022.10.31	12:04:24.0	46.8832	22.7822	0.0	1.8	EX	Romania
1663.	2022.10.31	13:05:57.0	47.8741	16.0636	0.0	-	EX	Austria
1664.	2022.10.31	14:27:36.4	48.6592	20.8526	0.0	1.6	EX	Slovakia
1665.	2022.10.31	17:17:16.0	45.9136	16.8937	16.5	1.9	EQ	Croatia
1666.	2022.11.02	09:07:16.3	48.6431	21.4401	0.0	-	EX	Slovakia
1667.	2022.11.02	09:27:40.5	47.3554	18.4695	0.0	1.7	EX	Csákvár
1668.	2022.11.02	09:30:04.6	46.4966	17.2060	9.7	2.0	EQ	Somogyssimonyi
1669.	2022.11.02	09:34:03.2	48.5052	20.7699	0.0	1.5	EX	Tornaszentandrás
1670.	2022.11.02	09:36:13.8	47.4052	18.4491	0.0	-	EX	Csákvár
1671.	2022.11.02	09:47:59.6	48.5207	18.7318	0.0	1.8	EX	Slovakia
1672.	2022.11.02	10:04:39.7	46.9790	17.3040	0.0	2.1	GT	Sümege
1673.	2022.11.02	13:01:13.0	47.9366	16.1120	0.0	-	EX	Austria
1674.	2022.11.02	13:04:39.2	47.8622	16.0618	0.0	-	EX	Austria
1675.	2022.11.03	03:46:43.3	48.5577	17.6772	5.9	1.9	EQ	Slovakia
1676.	2022.11.03	08:43:29.2	48.8476	21.8366	0.0	1.7	EX	Slovakia
1677.	2022.11.03	09:57:44.2	47.3418	18.3872	0.0	-	EX	Zámoly
1678.	2022.11.03	10:00:03.3	48.4146	17.3142	0.0	1.9	EX	Slovakia
1679.	2022.11.03	10:21:48.2	48.8000	20.1069	0.0	1.4	EX	Slovakia
1680.	2022.11.03	12:03:27.4	46.8852	22.8876	0.0	-	EX	Romania
1681.	2022.11.03	19:53:39.2	45.8455	16.1145	5.0	1.8	EQ	Croatia
1682.	2022.11.04	00:43:31.9	47.9876	16.8997	8.3	2.0	EQ	Austria
1683.	2022.11.04	07:51:39.3	47.3167	18.3081	0.0	1.7	GT	Magyaralmás
1684.	2022.11.04	08:40:06.5	47.8665	19.3955	0.0	1.6	EX	Bercel
1685.	2022.11.04	11:13:34.5	47.5487	18.5654	0.0	-	EX	Csabdi
1686.	2022.11.05	12:04:17.8	47.6778	16.7026	12.2	-	EQ	Fertőboz
1687.	2022.11.06	07:14:45.3	47.5599	18.4124	10.0	-	EQ	Tatabánya
1688.	2022.11.07	08:23:44.3	48.4514	18.6985	0.0	1.9	EX	Slovakia
1689.	2022.11.07	10:02:35.5	48.5464	20.7883	0.0	1.4	EX	Bódvalenke
1690.	2022.11.07	12:34:11.1	46.1444	16.3969	11.0	-	EQ	Croatia
1691.	2022.11.07	13:12:41.6	47.8515	20.1760	0.0	-	EX	Kisnána
1692.	2022.11.07	13:27:04.8	48.6218	21.4155	0.0	1.4	EX	Slovakia
1693.	2022.11.08	07:30:22.4	47.3279	18.3417	0.0	1.9	EX	Csákberény
1694.	2022.11.08	09:35:44.6	48.8833	21.0086	0.0	1.7	EX	Slovakia
1695.	2022.11.08	10:46:38.5	47.8327	19.1394	0.0	1.7	GT	Sejce-Vác
1696.	2022.11.08	11:15:14.8	45.9573	22.6752	0.0	1.5	EX	Romania
1697.	2022.11.08	12:38:05.1	47.8741	16.0318	0.0	1.9	EX	Austria
1698.	2022.11.09	08:54:50.5	48.7926	20.1211	0.0	1.6	EX	Slovakia
1699.	2022.11.09	09:27:31.6	46.8867	22.8649	0.0	-	EX	Romania
1700.	2022.11.09	10:06:51.1	48.5451	20.7516	0.0	1.6	EX	Komjáti
1701.	2022.11.09	10:37:18.6	46.9078	16.7871	6.4	2.3	EQ	Kiskutas
1702.	2022.11.09	10:49:55.5	45.9878	22.3262	0.0	1.7	EX	Romania
1703.	2022.11.09	12:05:34.6	47.8322	19.8341	0.0	1.7	EX	Gyöngyöstarján
1704.	2022.11.09	13:52:26.4	48.8787	20.6777	0.0	-	EX	Slovakia
1705.	2022.11.10	08:07:49.0	46.7708	21.2810	5.6	2.4	EQ	Doboz
1706.	2022.11.10	09:26:31.6	48.5242	20.8116	0.0	1.3	EX	Becskeháza
1707.	2022.11.10	09:47:46.2	48.2587	21.2135	0.0	1.8	EX	Tállya
1708.	2022.11.10	11:02:00.2	46.8800	22.8580	0.0	-	EX	Romania
1709.	2022.11.10	12:11:56.4	47.3548	18.4216	0.0	-	EX	Zámoly
1710.	2022.11.10	12:21:02.6	47.8767	16.0783	0.0	-	EX	Austria
1711.	2022.11.11	08:00:10.3	48.2596	18.8158	0.0	1.8	EX	Slovakia
1712.	2022.11.11	08:32:26.7	46.9317	17.3679	0.0	1.6	EX	Uzsa

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1713.	2022.11.11	08:43:42.2	48.9681	19.3447	0.0	1.9	EX	Slovakia
1714.	2022.11.11	09:16:31.1	46.0786	18.3426	0.0	-	EX	Romonya
1715.	2022.11.11	09:24:24.9	48.5379	20.8106	0.0	1.5	EX	Bódvalenke
1716.	2022.11.11	10:07:43.0	48.3900	20.6152	0.0	1.3	EX	Rudabánya
1717.	2022.11.11	10:23:14.3	47.8717	16.0516	0.0	-	EX	Austria
1718.	2022.11.11	10:25:02.0	48.9285	19.7595	0.0	1.6	EX	Slovakia
1719.	2022.11.11	13:03:52.0	48.3327	19.8877	0.0	1.9	EX	Slovakia
1720.	2022.11.12	01:08:08.6	45.5373	16.3000	5.0	1.8	EQ	Croatia
1721.	2022.11.13	09:24:06.0	45.9032	16.0140	5.0	1.2	EQ	Croatia
1722.	2022.11.14	09:36:38.0	46.8902	17.3220	0.0	1.7	GT	Uzsa
1723.	2022.11.14	09:41:29.1	48.4927	20.7947	0.0	1.2	EX	Tornabarakony
1724.	2022.11.14	10:02:27.9	48.8738	21.3009	0.0	1.6	EX	Slovakia
1725.	2022.11.15	09:29:36.1	46.8975	22.8571	0.0	-	EX	Romania
1726.	2022.11.15	09:31:54.3	47.8958	19.4125	0.0	2.1	EX	Becske
1727.	2022.11.15	09:55:12.8	48.4374	17.4763	0.0	-	EX	Slovakia
1728.	2022.11.16	05:34:08.0	47.1328	22.8950	5.0	2.0	EQ	Romania
1729.	2022.11.16	08:05:02.5	46.8548	17.2699	0.0	2.0	GT	Várvölgy
1730.	2022.11.16	08:29:42.3	48.4269	17.2787	0.0	-	EX	Slovakia
1731.	2022.11.16	09:01:45.1	48.4913	19.3203	0.0	1.7	EX	Slovakia
1732.	2022.11.16	10:08:58.7	48.5641	20.7749	0.0	1.5	EX	Tornanádaska
1733.	2022.11.16	11:02:23.2	48.6758	21.3751	0.0	1.8	EX	Slovakia
1734.	2022.11.16	12:43:03.8	47.8709	16.0704	0.0	-	EX	Austria
1735.	2022.11.16	23:09:49.5	47.6656	20.3230	11.3	1.1	EQ	Tenk
1736.	2022.11.17	08:41:22.1	48.4718	21.6938	0.0	1.6	EX	Slovakia
1737.	2022.11.17	08:45:26.2	47.9590	20.3545	0.0	1.2	GT	Eger-III.
1738.	2022.11.17	09:14:05.5	48.2343	21.1908	0.0	1.9	EX	Golop
1739.	2022.11.17	09:15:38.6	46.1773	18.2840	0.0	-	EX	Komló
1740.	2022.11.17	09:44:41.1	48.2287	22.3407	14.1	1.9	EQ	Tiszaadony
1741.	2022.11.17	09:48:49.9	48.4270	20.7701	0.0	1.0	EX	Galvács
1742.	2022.11.17	12:12:42.5	47.8763	16.0656	0.0	-	EX	Austria
1743.	2022.11.17	15:25:38.9	45.8658	20.9091	15.7	1.8	EQ	Romania
1744.	2022.11.18	07:11:46.1	47.3167	18.3081	0.0	1.6	GT	Magyaralmás
1745.	2022.11.18	07:36:02.3	46.1335	22.8188	0.0	1.6	EX	Romania
1746.	2022.11.18	08:32:21.4	46.0370	22.8730	0.0	1.6	EX	Romania
1747.	2022.11.18	09:39:13.9	48.8732	21.5657	0.0	2.1	EX	Slovakia
1748.	2022.11.19	06:26:11.8	45.9073	16.0146	1.9	1.2	EQ	Croatia
1749.	2022.11.19	12:10:22.2	46.8310	22.3445	5.0	-	EQ	Romania
1750.	2022.11.19	15:59:09.8	45.8993	16.0131	5.0	1.2	EQ	Croatia
1751.	2022.11.20	01:45:11.4	47.8919	20.3157	5.0	1.1	EQ	Egerszalók
1752.	2022.11.20	12:52:36.8	45.8954	20.7350	11.0	2.0	EQ	Romania
1753.	2022.11.21	06:41:05.7	47.4471	18.2151	4.4	2.1	EQ	Pusztavám
1754.	2022.11.21	07:59:39.2	48.3618	21.9500	0.0	1.6	EX	Semjén
1755.	2022.11.21	09:28:42.4	48.5037	17.5260	0.0	-	EX	Slovakia
1756.	2022.11.21	09:35:21.9	48.7165	20.8294	0.0	-	EX	Slovakia
1757.	2022.11.21	10:56:25.9	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
1758.	2022.11.21	11:00:17.4	48.1836	16.9823	0.0	-	EX	Slovakia
1759.	2022.11.22	07:04:43.7	46.9183	22.9130	0.0	-	EX	Romania
1760.	2022.11.22	08:13:40.4	48.4228	19.5495	0.0	1.6	EX	Slovakia
1761.	2022.11.22	09:27:41.6	48.3289	18.5713	0.0	2.0	EX	Slovakia
1762.	2022.11.22	09:37:29.7	48.9908	21.2553	0.0	1.9	EX	Slovakia
1763.	2022.11.22	09:40:34.4	48.4800	21.3577	0.0	-	EX	Telkibánya

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1764.	2022.11.22	10:00:09.4	48.4536	21.3851	0.0	-	EX	Telkibánya
1765.	2022.11.22	10:07:13.7	46.0539	22.8419	0.0	1.8	EX	Romania
1766.	2022.11.22	10:25:59.7	47.2302	18.2835	0.0	2.0	GT	Iszkaszentgyörgy
1767.	2022.11.22	10:41:24.2	48.4384	19.1372	0.0	1.9	EX	Slovakia
1768.	2022.11.22	12:06:02.4	47.8914	20.0676	0.0	1.6	EX	Parád
1769.	2022.11.23	08:10:08.5	48.4887	17.6045	0.0	1.8	EX	Slovakia
1770.	2022.11.23	08:21:32.2	47.9590	20.3545	0.0	1.3	GT	Eger-III.
1771.	2022.11.23	10:38:06.9	48.5279	20.8043	0.0	1.1	EX	Bódvalenke
1772.	2022.11.23	10:58:50.3	46.8973	22.8491	0.0	2.1	EX	Romania
1773.	2022.11.23	11:00:13.4	48.1766	16.9786	0.0	-	EX	Slovakia
1774.	2022.11.24	07:34:28.8	47.2852	17.7205	0.0	2.0	EX	Bakonybél
1775.	2022.11.24	08:33:31.3	47.3568	17.7293	0.0	2.1	EX	Fenyőfő
1776.	2022.11.24	09:04:51.6	48.2822	21.4416	0.0	1.6	EX	Tolcsva
1777.	2022.11.24	10:08:13.9	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
1778.	2022.11.24	10:12:39.1	48.5852	21.3964	0.0	1.6	EX	Slovakia
1779.	2022.11.24	11:20:12.6	48.7793	21.2007	0.0	1.9	EX	Slovakia
1780.	2022.11.24	13:00:22.5	46.0762	21.9985	0.0	1.7	EX	Romania
1781.	2022.11.25	02:45:42.1	48.0025	17.3145	10.4	2.2	EQ	Slovakia
1782.	2022.11.25	09:07:18.6	46.0145	22.8215	0.0	1.6	EX	Romania
1783.	2022.11.25	09:27:29.5	47.5167	18.7552	0.0	-	EX	Herceghalom
1784.	2022.11.25	09:45:40.4	48.4629	17.5966	0.0	-	EX	Slovakia
1785.	2022.11.25	10:08:44.6	47.5664	18.6822	0.0	1.2	EX	Szomor
1786.	2022.11.25	23:04:05.0	47.5930	18.5078	5.0	1.4	EQ	Tarján
1787.	2022.11.26	00:49:48.5	45.6942	17.8567	9.6	1.4	EQ	Croatia
1788.	2022.11.26	07:58:57.0	48.5058	17.5488	5.8	1.7	EQ	Slovakia
1789.	2022.11.26	13:19:06.5	48.5367	22.8612	0.0	2.2	EX	Ukraine
1790.	2022.11.26	15:42:01.6	47.7222	16.0269	6.8	1.4	EQ	Austria
1791.	2022.11.27	23:48:58.6	47.4364	18.1548	5.0	0.4	EQ	Bakonysárkány
1792.	2022.11.28	10:44:33.4	47.8758	16.0728	0.0	-	EX	Austria
1793.	2022.11.28	11:06:44.1	47.8916	20.0962	0.0	1.2	EX	Recsk
1794.	2022.11.28	20:21:45.4	46.0333	17.0779	5.0	1.6	EQ	Croatia
1795.	2022.11.28	20:50:07.6	46.0118	17.0549	5.0	1.6	EQ	Croatia
1796.	2022.11.29	07:27:19.3	46.0781	22.8447	0.0	1.4	EX	Romania
1797.	2022.11.29	08:10:53.4	46.0567	22.8661	0.0	1.6	EX	Romania
1798.	2022.11.29	08:41:08.3	47.7337	19.0687	0.0	1.7	EX	Leányfalu
1799.	2022.11.29	08:48:30.2	48.5414	18.5574	0.0	1.8	EX	Slovakia
1800.	2022.11.29	10:08:45.0	48.5064	19.4131	0.0	-	EX	Slovakia
1801.	2022.11.29	10:24:44.7	46.1358	21.6362	0.0	1.9	EX	Romania
1802.	2022.11.29	10:33:23.8	47.2302	18.2835	0.0	-	GT	Iszkaszentgyörgy
1803.	2022.11.29	10:49:49.0	47.3837	18.4163	0.0	1.8	EX	Gánt
1804.	2022.11.29	12:11:18.7	47.8805	16.0709	0.0	-	EX	Austria
1805.	2022.11.29	13:39:31.1	47.1397	19.3350	0.0	1.9	EX	Dabas
1806.	2022.11.30	09:26:27.0	48.4681	17.5655	0.0	-	EX	Slovakia
1807.	2022.11.30	09:47:01.3	48.9831	18.2552	0.0	2.0	EX	Slovakia
1808.	2022.11.30	09:50:29.4	48.4421	19.3583	0.0	1.6	EX	Slovakia
1809.	2022.11.30	10:26:03.0	48.6460	21.4205	0.0	1.5	EX	Slovakia
1810.	2022.11.30	10:34:24.2	45.6180	17.2963	0.0	2.2	EX	Croatia
1811.	2022.11.30	10:37:30.1	48.8656	21.4098	0.0	1.7	EX	Slovakia
1812.	2022.11.30	11:00:13.2	48.1843	16.9586	0.0	-	EX	Austria
1813.	2022.11.30	11:05:38.0	46.8902	17.3220	0.0	1.6	GT	Uzsa
1814.	2022.11.30	13:16:48.1	47.6204	16.3769	0.0	-	EX	Austria

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1815.	2022.11.30	13:53:03.6	47.1383	19.3030	0.0	1.7	EX	Dabas
1816.	2022.12.01	08:07:13.7	47.9590	20.3545	0.0	-	GT	Eger-III.
1817.	2022.12.01	08:10:20.7	47.6913	18.5609	0.0	1.8	EX	Nagysáp
1818.	2022.12.01	09:27:31.1	48.9581	19.3223	0.0	1.9	EX	Slovakia
1819.	2022.12.01	09:36:30.0	48.5217	20.7870	0.0	1.1	EX	Tornaszentandrás
1820.	2022.12.01	10:00:03.5	48.4156	17.2956	0.0	1.9	EX	Slovakia
1821.	2022.12.01	10:12:41.2	45.9434	16.1296	5.0	1.6	EQ	Croatia
1822.	2022.12.01	11:36:16.9	47.8327	19.1394	0.0	1.5	GT	Sejce-Vác
1823.	2022.12.01	12:26:00.2	47.1956	19.1827	0.0	1.6	EX	Bugyi
1824.	2022.12.01	12:44:03.2	47.1119	19.4144	0.0	1.7	EX	Örkény
1825.	2022.12.01	13:05:56.5	47.8829	16.0607	0.0	1.8	EX	Austria
1826.	2022.12.02	07:26:29.5	47.1353	17.8962	0.0	1.6	EX	Veszprém
1827.	2022.12.02	08:23:13.5	46.1356	16.4614	0.0	-	EX	Croatia
1828.	2022.12.02	09:48:46.4	47.0025	17.3153	0.0	-	EX	Csabrendek
1829.	2022.12.02	10:11:58.7	47.8854	20.1498	0.0	1.3	EX	Kisnána
1830.	2022.12.02	10:18:34.8	48.6166	20.8168	0.0	1.4	EX	Slovakia
1831.	2022.12.02	12:12:41.7	46.1635	16.0358	0.0	1.5	EX	Croatia
1832.	2022.12.05	09:14:21.5	47.6898	18.5070	0.0	-	EX	Héreg
1833.	2022.12.05	09:38:12.1	48.9419	21.2669	0.0	1.7	EX	Slovakia
1834.	2022.12.05	09:43:35.8	48.5482	20.7776	0.0	1.2	EX	Komjáti
1835.	2022.12.05	09:49:50.1	48.2107	17.0025	0.0	-	EX	Slovakia
1836.	2022.12.05	09:51:08.9	46.1848	18.2646	0.0	-	EX	Komló
1837.	2022.12.05	11:00:00.1	48.1716	16.9040	0.0	-	EX	Austria
1838.	2022.12.05	13:06:12.4	47.8678	16.0835	0.0	-	EX	Austria
1839.	2022.12.05	23:42:38.7	47.4439	18.2397	8.4	1.0	EQ	Pusztavám
1840.	2022.12.06	08:46:37.8	48.2502	21.4647	0.0	-	EX	Vámosújfalú
1841.	2022.12.06	09:41:28.8	48.5625	20.7712	0.0	1.8	EX	Tornanádaska
1842.	2022.12.06	11:45:57.9	46.0278	22.6886	0.0	-	EX	Romania
1843.	2022.12.06	12:36:19.5	48.2706	19.9079	0.0	1.6	EX	Slovakia
1844.	2022.12.06	13:16:31.0	47.9911	19.7477	0.0	0.8	EX	Sámsonháza
1845.	2022.12.06	13:37:45.3	48.5556	20.8765	0.0	-	EX	Slovakia
1846.	2022.12.07	04:27:09.9	47.6577	20.2966	8.9	1.6	EQ	Erdőtelek
1847.	2022.12.07	09:40:53.1	48.3892	17.3115	0.0	-	EX	Slovakia
1848.	2022.12.07	09:43:04.6	48.5374	20.7785	0.0	1.6	EX	Komjáti
1849.	2022.12.07	10:22:13.0	47.2636	18.2350	0.0	-	EX	Kincsesbánya
1850.	2022.12.07	10:30:22.6	47.8840	20.1480	0.0	1.4	EX	Kisnána
1851.	2022.12.07	10:48:21.5	46.7744	16.8393	10.4	1.9	EQ	Bocfölde
1852.	2022.12.07	10:57:05.6	46.1151	18.0635	0.0	1.7	EX	Hetvehely
1853.	2022.12.07	12:15:58.7	48.5937	20.8601	0.0	1.7	EX	Slovakia
1854.	2022.12.07	12:56:22.3	47.8745	16.0655	0.0	-	EX	Austria
1855.	2022.12.07	13:24:02.2	48.6393	19.6407	0.0	1.8	EX	Slovakia
1856.	2022.12.08	07:45:21.0	48.8894	21.6928	0.0	-	EX	Slovakia
1857.	2022.12.08	08:24:13.8	47.3460	18.4076	0.0	1.7	EX	Zámoly
1858.	2022.12.08	08:54:57.7	48.4605	17.6094	0.0	-	EX	Slovakia
1859.	2022.12.08	09:57:19.0	48.2192	21.1819	0.0	1.9	EX	Golop
1860.	2022.12.08	11:00:49.0	48.7727	20.8426	0.0	-	EX	Slovakia
1861.	2022.12.08	13:05:54.2	48.6746	21.3762	0.0	1.7	EX	Slovakia
1862.	2022.12.09	11:14:24.9	47.3547	17.6439	0.0	2.2	EX	Csót
1863.	2022.12.09	19:25:13.3	47.6736	16.0028	11.3	1.5	EQ	Austria
1864.	2022.12.10	06:37:56.6	48.0460	20.1917	5.0	0.6	EQ	Tarnalelesz
1865.	2022.12.10	06:39:18.6	48.0080	20.2176	5.0	0.5	EQ	Hevesaranyos

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1866.	2022.12.10	06:46:41.5	48.0472	20.1898	5.0	0.6	EQ	Tarnalelesz
1867.	2022.12.12	05:39:30.8	47.1161	18.0960	11.5	1.8	EQ	Vilonya
1868.	2022.12.12	08:29:18.6	46.0493	22.8834	0.0	-	EX	Romania
1869.	2022.12.12	09:37:20.0	47.2838	18.3228	0.0	-	EX	Magyaralmás
1870.	2022.12.12	10:43:08.6	48.2420	21.1884	0.0	1.4	EX	Golop
1871.	2022.12.12	10:59:59.0	48.1319	16.9723	0.0	-	EX	Austria
1872.	2022.12.12	12:07:55.7	48.4012	20.6208	0.0	1.0	EX	Felsőtelekes
1873.	2022.12.12	12:45:49.4	47.8875	16.0914	0.0	-	EX	Austria
1874.	2022.12.13	08:51:12.5	47.3167	18.3081	0.0	1.9	GT	Magyaralmás
1875.	2022.12.13	09:06:45.0	48.9887	21.2439	0.0	1.8	EX	Slovakia
1876.	2022.12.13	09:08:57.8	48.4994	17.5742	0.0	2.0	EX	Slovakia
1877.	2022.12.13	09:22:04.7	47.9590	20.3545	0.0	1.2	GT	Eger-III.
1878.	2022.12.13	10:26:17.4	47.8491	19.8563	0.0	1.8	EX	Gyöngyösoroszi
1879.	2022.12.13	10:49:40.1	48.6801	19.9013	0.0	1.6	EX	Slovakia
1880.	2022.12.13	11:30:01.9	47.8927	20.1295	0.0	1.1	EX	Kisnána
1881.	2022.12.13	12:30:58.3	46.1317	16.3685	0.0	1.5	EX	Croatia
1882.	2022.12.14	09:25:52.9	46.9790	17.3040	0.0	2.1	GT	Sümeg
1883.	2022.12.14	09:38:53.1	48.6783	21.3081	0.0	1.8	EX	Slovakia
1884.	2022.12.14	09:48:28.6	48.4992	17.5544	0.0	-	EX	Slovakia
1885.	2022.12.14	09:59:29.0	48.3887	17.2948	0.0	2.2	EX	Slovakia
1886.	2022.12.14	10:01:33.6	48.5023	20.7724	0.0	1.6	EX	Tornaszentandrás
1887.	2022.12.14	10:12:53.6	48.4244	18.6571	0.0	2.2	EX	Slovakia
1888.	2022.12.15	06:37:11.4	47.2805	17.7720	5.0	1.0	EQ	Bakonybél
1889.	2022.12.15	08:21:34.4	46.0648	22.8492	0.0	1.7	EX	Romania
1890.	2022.12.15	08:23:28.4	46.1053	18.0560	0.0	1.4	EX	Bakonya
1891.	2022.12.15	08:31:00.8	45.5388	16.2748	5.0	1.8	EQ	Croatia
1892.	2022.12.15	08:38:55.2	47.8616	19.4005	0.0	1.5	EX	Bercel
1893.	2022.12.15	09:36:19.2	48.4695	17.6058	0.0	1.8	EX	Slovakia
1894.	2022.12.15	10:01:24.2	47.5094	18.6856	0.0	1.5	EX	Mány
1895.	2022.12.15	10:08:19.3	47.2839	17.6798	0.0	-	EX	Bakonykoppány
1896.	2022.12.15	11:40:04.7	48.7099	18.7321	0.0	2.0	EX	Slovakia
1897.	2022.12.15	11:50:49.9	48.6681	18.6362	0.0	2.0	EX	Slovakia
1898.	2022.12.15	12:48:34.0	47.3403	16.3546	0.0	2.0	EX	Austria
1899.	2022.12.16	07:27:05.8	47.9590	20.3545	0.0	1.0	GT	Eger-III.
1900.	2022.12.16	10:05:32.3	48.2415	21.2263	0.0	1.8	EX	Tállya
1901.	2022.12.16	11:45:49.4	46.9076	22.8628	0.0	1.9	EX	Romania
1902.	2022.12.17	08:00:28.6	47.8565	21.4785	14.4	1.6	EQ	Hajdúnánás
1903.	2022.12.17	11:39:02.3	47.8313	20.6975	4.0	2.8	EQ	Mezőkeresztes
1904.	2022.12.17	18:42:54.6	46.1547	20.7804	5.1	2.1	EQ	Romania
1905.	2022.12.18	08:21:46.1	47.8540	16.3065	8.2	1.0	EQ	Austria
1906.	2022.12.18	09:49:04.8	47.7063	19.3281	0.0	1.4	EX	Váckisújfalu
1907.	2022.12.19	07:33:41.2	47.7186	16.1047	7.0	-	EQ	Austria
1908.	2022.12.19	09:38:01.8	46.0354	22.5703	0.0	1.9	EX	Romania
1909.	2022.12.19	09:53:35.8	48.4807	20.8035	0.0	1.7	EX	Tornabarakony
1910.	2022.12.19	11:00:28.3	48.1798	16.9342	0.0	-	EX	Austria
1911.	2022.12.19	12:56:34.9	47.9031	16.1042	0.0	-	EX	Austria
1912.	2022.12.20	10:16:59.9	48.4906	20.7938	0.0	-	EX	Tornabarakony
1913.	2022.12.20	10:28:42.2	48.3515	19.8555	0.0	1.8	EX	Slovakia
1914.	2022.12.20	10:54:14.3	47.9190	20.1345	0.0	1.2	EX	Recsk
1915.	2022.12.20	13:33:33.4	48.2452	21.1840	0.0	1.8	EX	Golop
1916.	2022.12.21	08:05:49.6	46.0804	22.8865	0.0	1.9	EX	Romania

CHAPTER 2. LOCAL EVENTS

	Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magnitude	Type	Locality
1917.	2022.12.21	08:48:46.0	47.0655	18.0746	0.0	-	EX	Papkeszi
1918.	2022.12.21	09:05:12.5	45.5000	16.5193	5.0	2.5	EQ	Croatia
1919.	2022.12.21	09:38:46.5	48.9586	21.2214	0.0	1.9	EX	Slovakia
1920.	2022.12.21	17:58:29.1	45.8975	21.7183	5.8	1.7	EQ	Romania
1921.	2022.12.22	09:35:17.1	48.5118	20.7866	0.0	1.8	EX	Tornaszentandrás
1922.	2022.12.22	11:04:58.0	48.7233	22.3037	0.0	1.9	EX	Slovakia
1923.	2022.12.22	11:22:03.8	46.1092	18.0554	0.0	1.5	EX	Hetvehely
1924.	2022.12.22	12:15:26.1	47.9946	16.6363	0.0	-	EX	Austria
1925.	2022.12.22	17:54:11.5	47.5771	22.6775	35.0	-	EQ	Romania
1926.	2022.12.23	12:08:23.6	45.7718	17.2793	15.0	1.7	EQ	Croatia
1927.	2022.12.25	04:52:33.5	47.4247	18.2378	9.0	-	EQ	Pusztavám
1928.	2022.12.25	04:58:27.4	47.4472	18.2218	5.0	1.2	EQ	Pusztavám
1929.	2022.12.25	18:10:54.5	45.5778	16.0665	5.0	1.7	EQ	Croatia
1930.	2022.12.26	02:13:19.7	45.6213	17.7814	0.0	1.5	EQ	Croatia
1931.	2022.12.27	12:20:13.3	47.8878	16.0953	0.0	-	EX	Austria
1932.	2022.12.27	17:42:33.5	48.2272	21.5007	22.2	1.7	EQ	Viss
1933.	2022.12.27	23:19:24.3	48.1028	20.8289	5.2	1.2	EQ	Felsőzsolca
1934.	2022.12.29	04:07:36.6	47.5458	16.2530	7.0	-	EQ	Austria
1935.	2022.12.29	09:42:34.1	45.9472	22.6967	0.0	1.5	EX	Romania
1936.	2022.12.31	00:02:16.1	45.5186	16.0425	5.0	2.2	EQ	Croatia
1937.	2022.12.31	04:35:25.6	46.1086	17.0157	7.7	2.0	EQ	Croatia

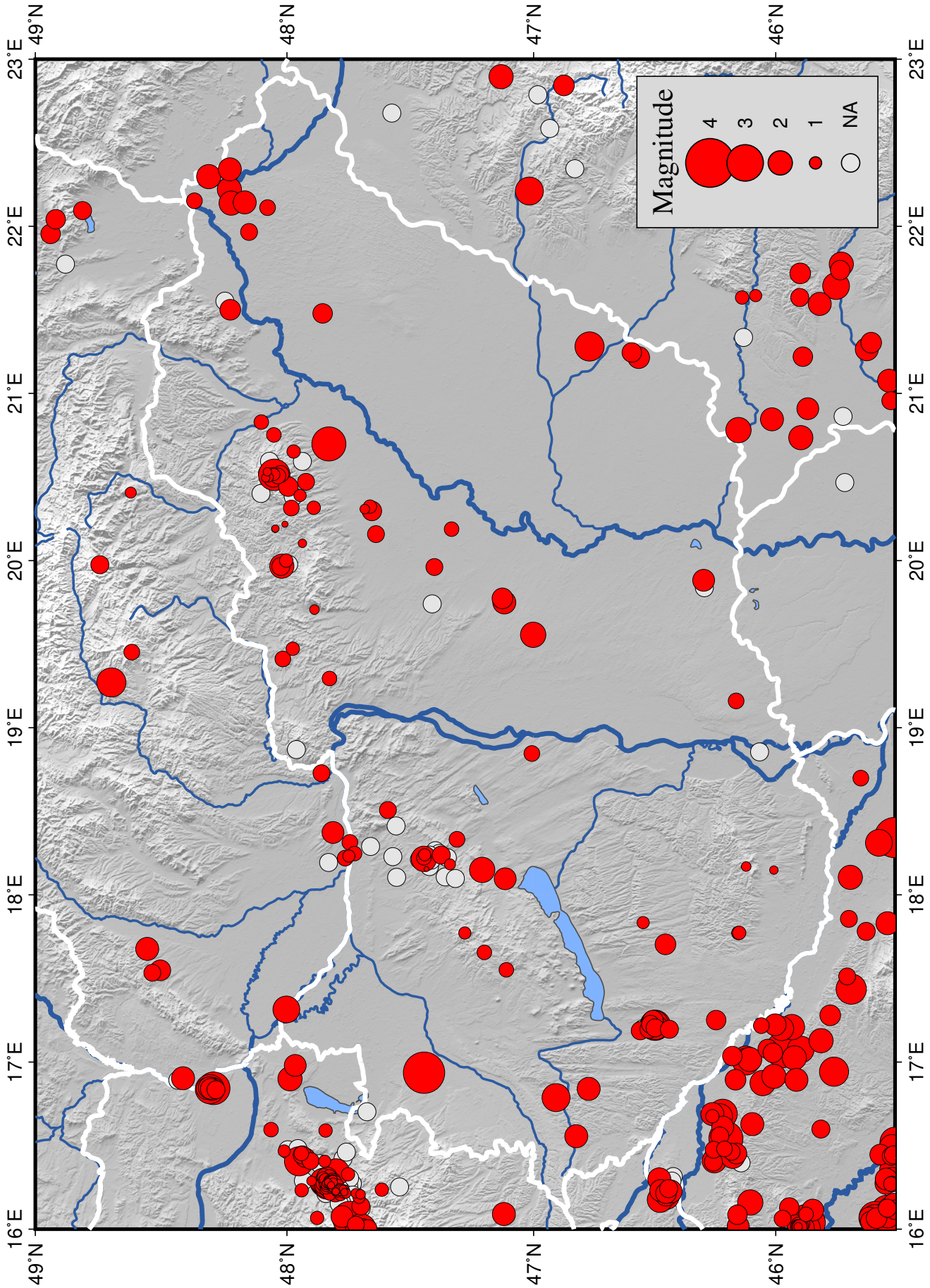


Figure 2.1: The epicenters of the located earthquakes in 2022. The earthquakes with unknown magnitudes are marked by gray circles.



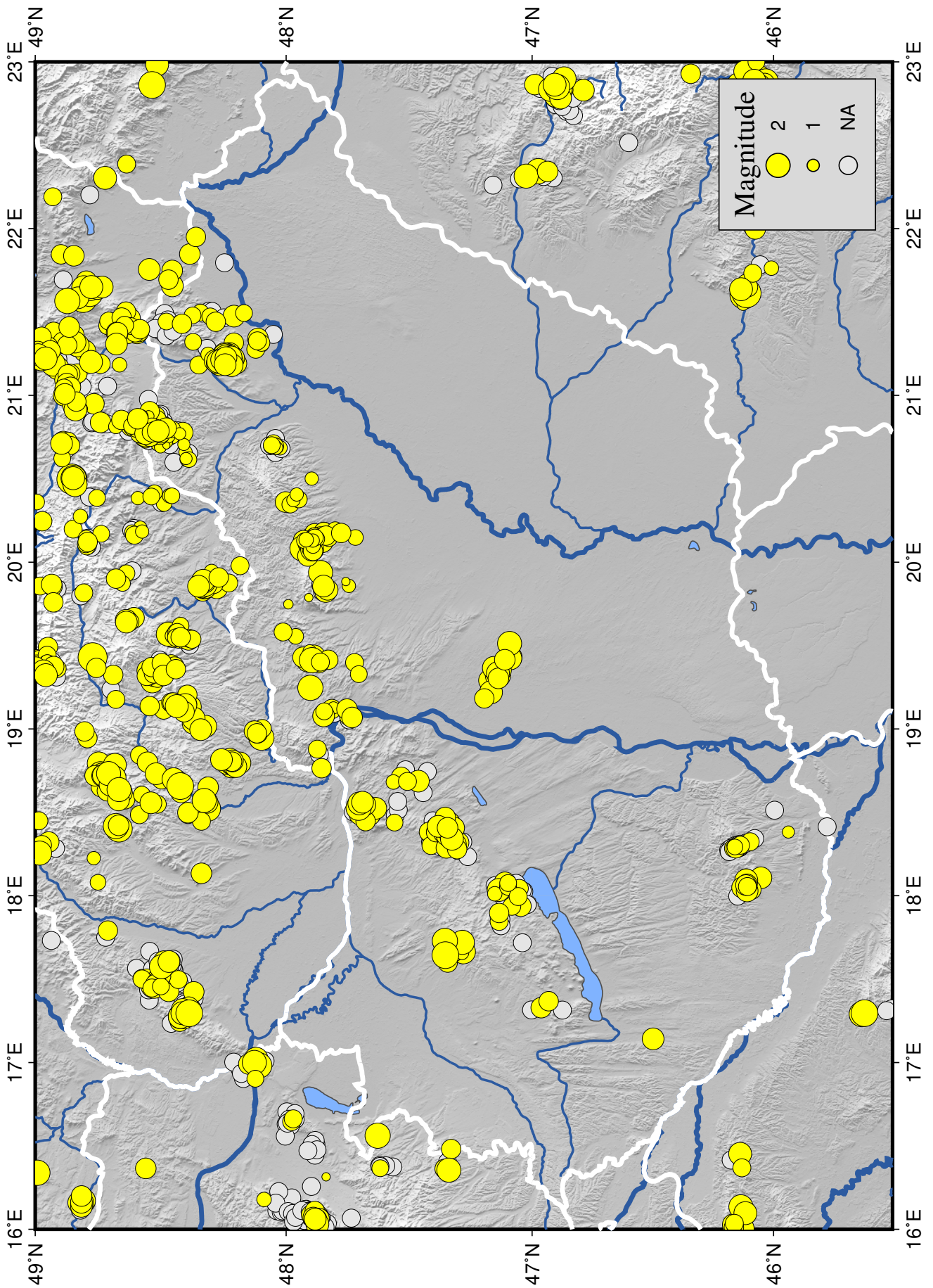


Figure 2.2: The epicenters of the located explosions in 2022. The explosions with unknown magnitudes are marked by gray circles.

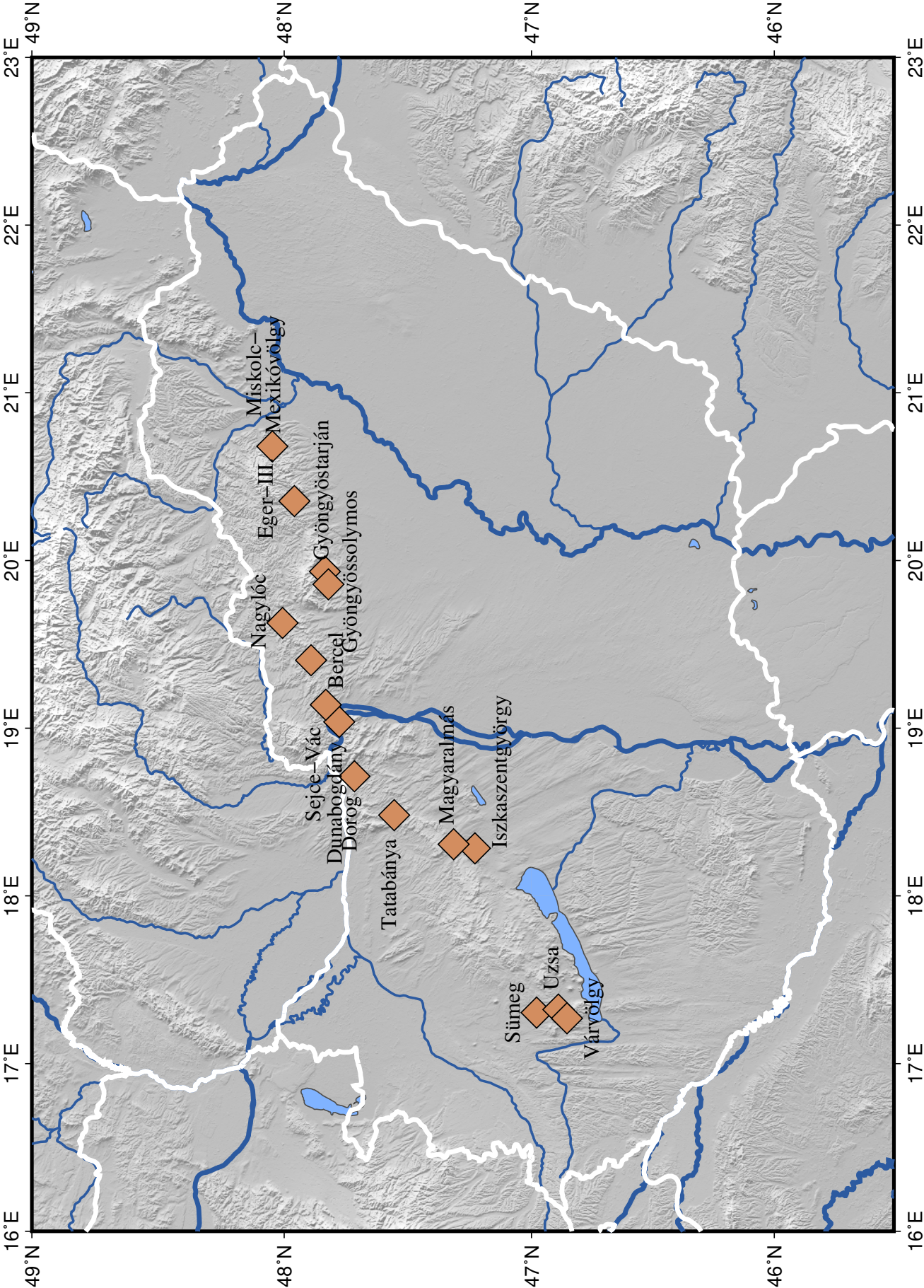


Figure 2.3: The location of the quarries with identified explosions (ground truth events).

### 3. Macroseismic data

During the year 2022, 7 earthquakes have been felt by the public in the territory of Hungary (Table 3.1). One of them occurred in Bosnia and Herzegovina, outside of the area of this bulletin (latitudes 45.5-49.0°N and longitudes 16.0-23.0°E), hence its hypocentral and phase data are not shown in Chapter 2 and Chapter 4. The hypocentral parameters of these events and the maximum intensity (reported from the territory of Hungary) are shown in Table 3.1.

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

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

Date	Time	Lat. (°N)	Lon. (°E)	Depth (km)	Magn. (ML)	Max. intensity (EMS)
2022.04.22	21:07:49.3	42.9691	18.2508	7.0	6.0	II
2022.07.23	16:00:55.2	47.4463	16.9362	11.6	3.4	IV
2022.07.28	15:22:12.2	48.0507	20.5130	8.2	2.6	III
2022.10.19	07:22:20.6	46.5041	17.2138	9.5	2.3	II
2022.10.22	20:59:57.4	46.4999	17.2199	11.9	2.5	IV
2022.11.09	10:37:18.6	46.9078	16.7871	6.4	2.3	III-IV
2022.12.17	11:39:02.3	47.8313	20.6975	4.0	2.8	IV

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

2022.04.22 21:07 – Bosnia and Herzegovina

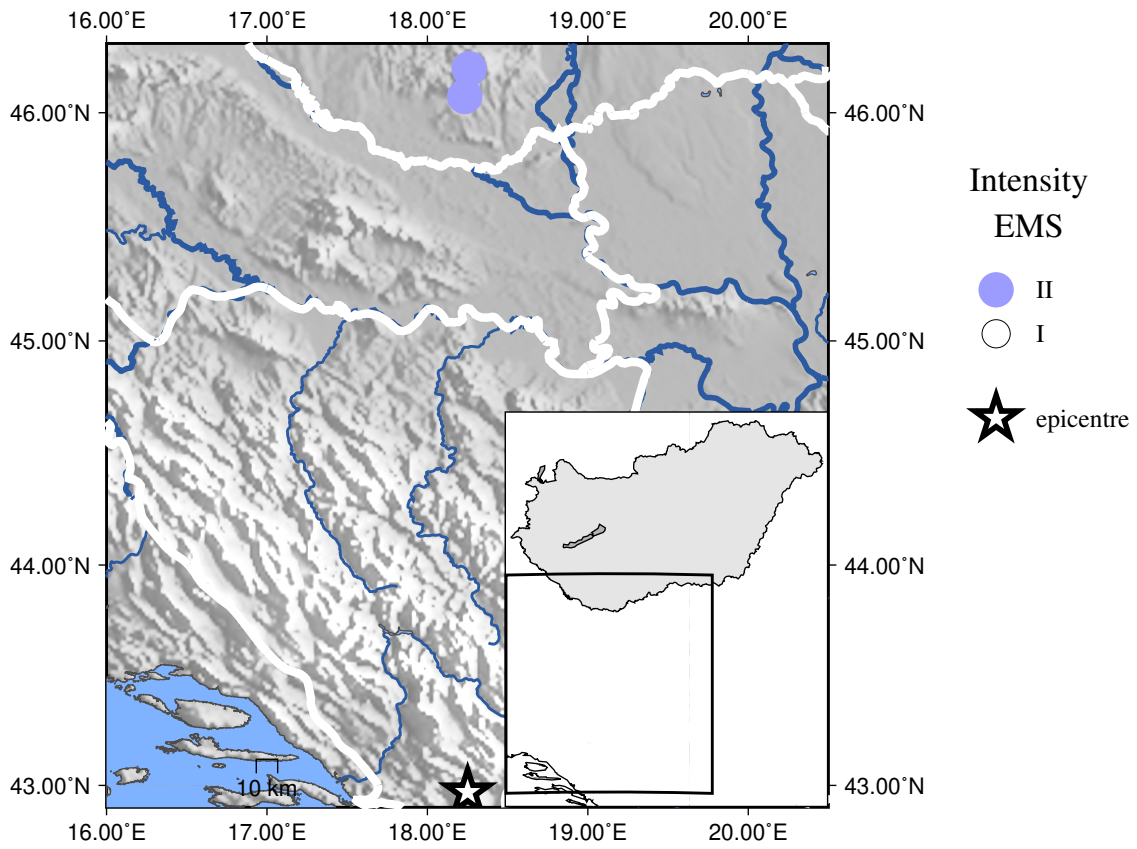


Figure 3.1:

EMS intensity distribution for the earthquake of 2022.04.22 21:07 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Koml6	46.19111	18.26111	II	5
Pecs	46.07083	18.23306	II	4

Table 3.2:

Felt EMS intensities for the earthquake of 2022.04.22 21:07 UTC

2022.07.23 16:00 – Iván

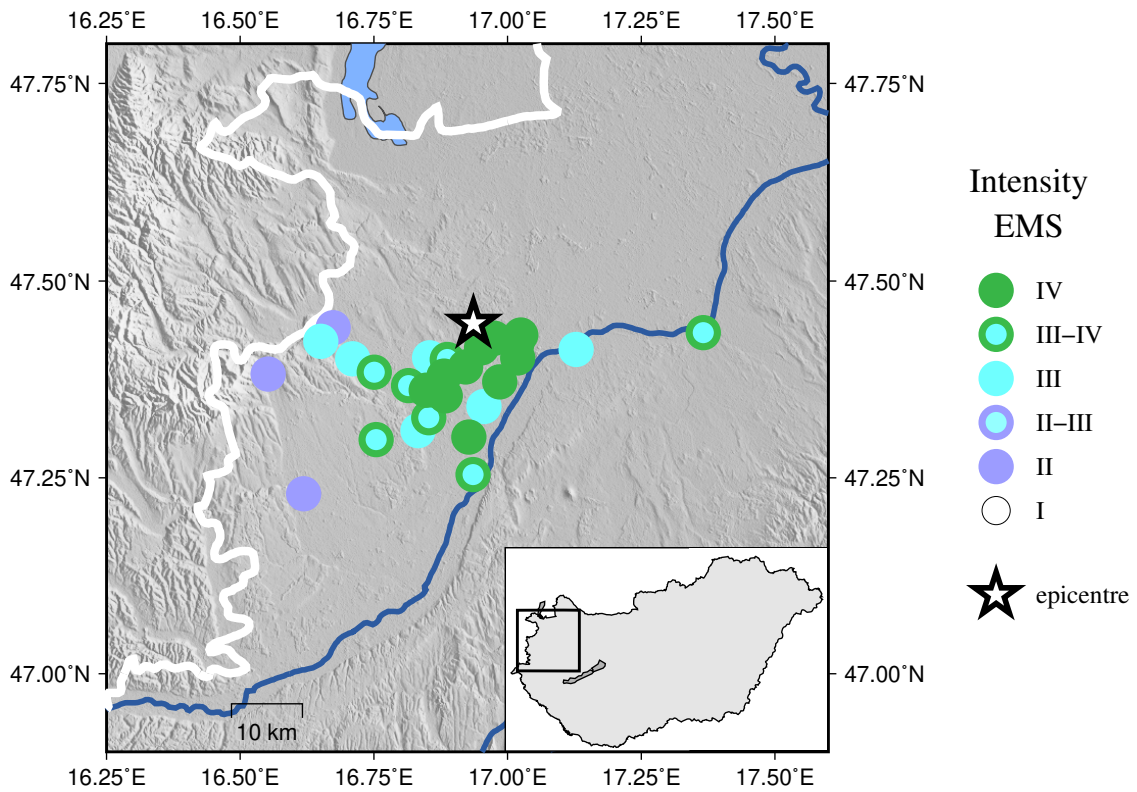


Figure 3.2:  
EMS intensity distribution for the earthquake of 2022.07.23 16:00 UTC

Table 3.3: Felt EMS intensities for the earthquake of 2022.07.23 16:00 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Csepreg	47.40139	16.71028	III	2
Bó	47.36745	16.81470	III-IV	1
Bük	47.38444	16.75083	III-IV	3
Chernelházadamonya	47.36161	16.84794	IV	1
Csáfordjánosfa	47.41543	16.95126	IV	1
Csánig	47.43163	17.02465	IV	2
Hegyfalu	47.35442	16.88328	IV	2
Jákfa	47.34071	16.95579	III	2
Kőszeg	47.38191	16.55221	II	1
Marcaltó	47.43458	17.36606	III-IV	1
Nagygeresd	47.39115	16.92163	IV	1
Nemesládony	47.40058	16.88723	III-IV	1
Nick	47.40253	17.01889	IV	2
Pápoc	47.41333	17.12833	III	1
Peresznye	47.42361	16.65083	III	1
Pósa	47.32657	16.85275	III-IV	1
Rábapaty	47.30202	16.92755	IV	2
Répcelak	47.41942	17.01694	IV	8
Répcszemere	47.42748	16.97512	IV	2
Répcevis	47.44087	16.67375	II	1
Sajtoskál	47.40278	16.85417	III	1

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Locality	Latitude ( $^{\circ}$ N)	Longitude ( $^{\circ}$ E)	Intensity (EMS)	N
Sárvár	47.25415	16.93545	III-IV	4
Siófok	46.91523	18.07682	II	1
Szeleste	47.31011	16.83264	III	1
Szombathely	47.22972	16.61861	II	1
Tompaládony	47.37936	16.88122	IV	1
Uraiújfalu	47.37219	16.98544	IV	2
Vasszilvág	47.29861	16.75417	III-IV	2

2022.07.28 15:22 – Répáshuta

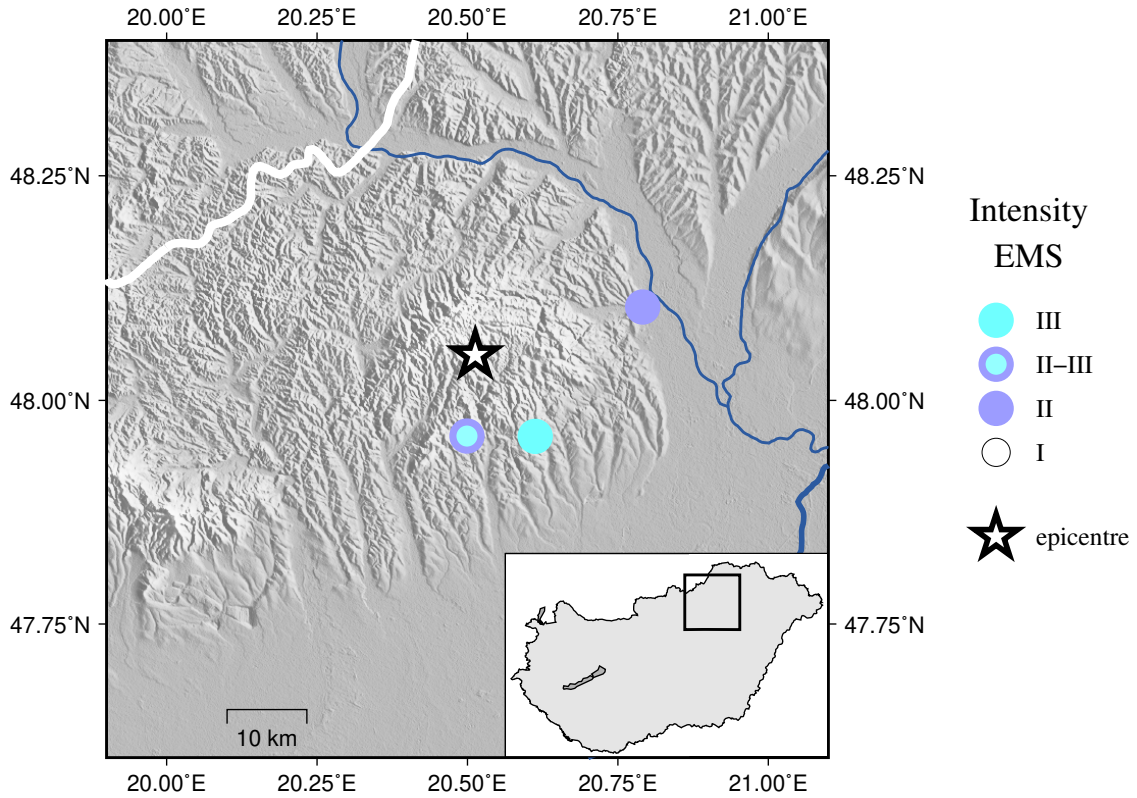


Figure 3.3:  
EMS intensity distribution for the earthquake of 2022.07.28 15:22 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Bükkzsérc	47.96034	20.49911	II-III	1
Kács	47.95991	20.61275	III	2
Miskolc	48.10417	20.79139	II	1

Table 3.4:  
Felt EMS intensities for the earthquake of 2022.07.28 15:22 UTC

2022.10.19 07:22 – Somogysimonyi

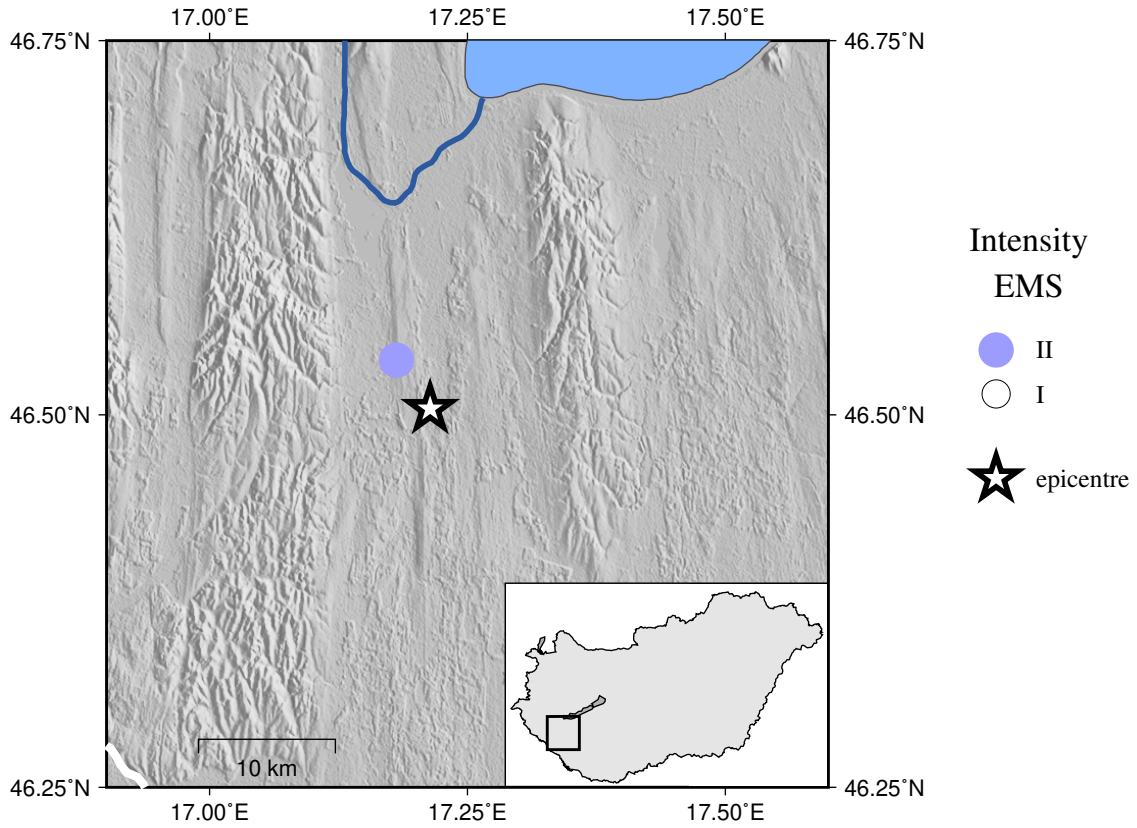


Figure 3.4:  
EMS intensity distribution for the earthquake of 2022.10.19 07:22 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Zalakomár	46.53661	17.18118	II	1

Table 3.5:  
Felt EMS intensities for the earthquake of 2022.10.19 07:22 UTC



2022.10.22 20:59 – Somogysimonyi

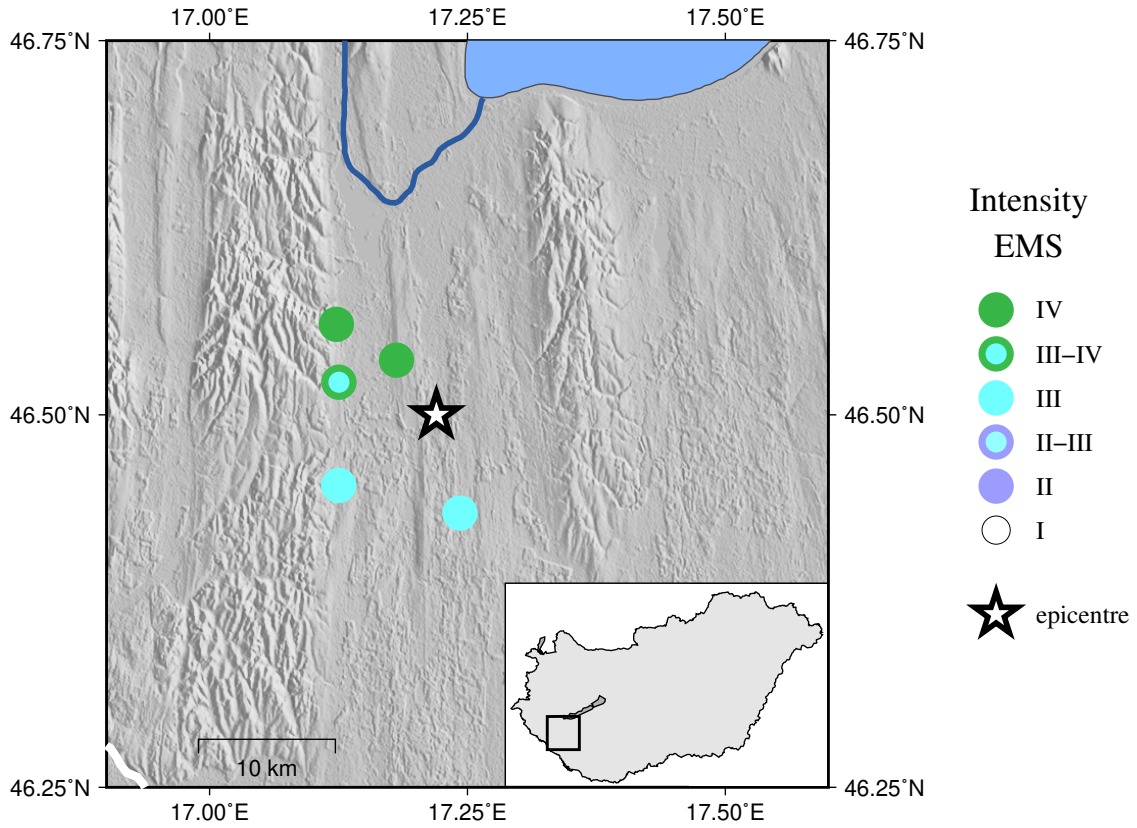


Figure 3.5:

EMS intensity distribution for the earthquake of 2022.10.22 20:59 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Galambok	46.52180	17.12543	III-IV	1
Miháld	46.45268	17.12516	III	1
Nemesdéd	46.43410	17.24276	III	2
Zalakaros	46.56057	17.12299	IV	3
Zalakomár	46.53661	17.18118	IV	1

Table 3.6:

Felt EMS intensities for the earthquake of 2022.10.22 20:59 UTC

2022.11.09 10:37 – Kiskutas

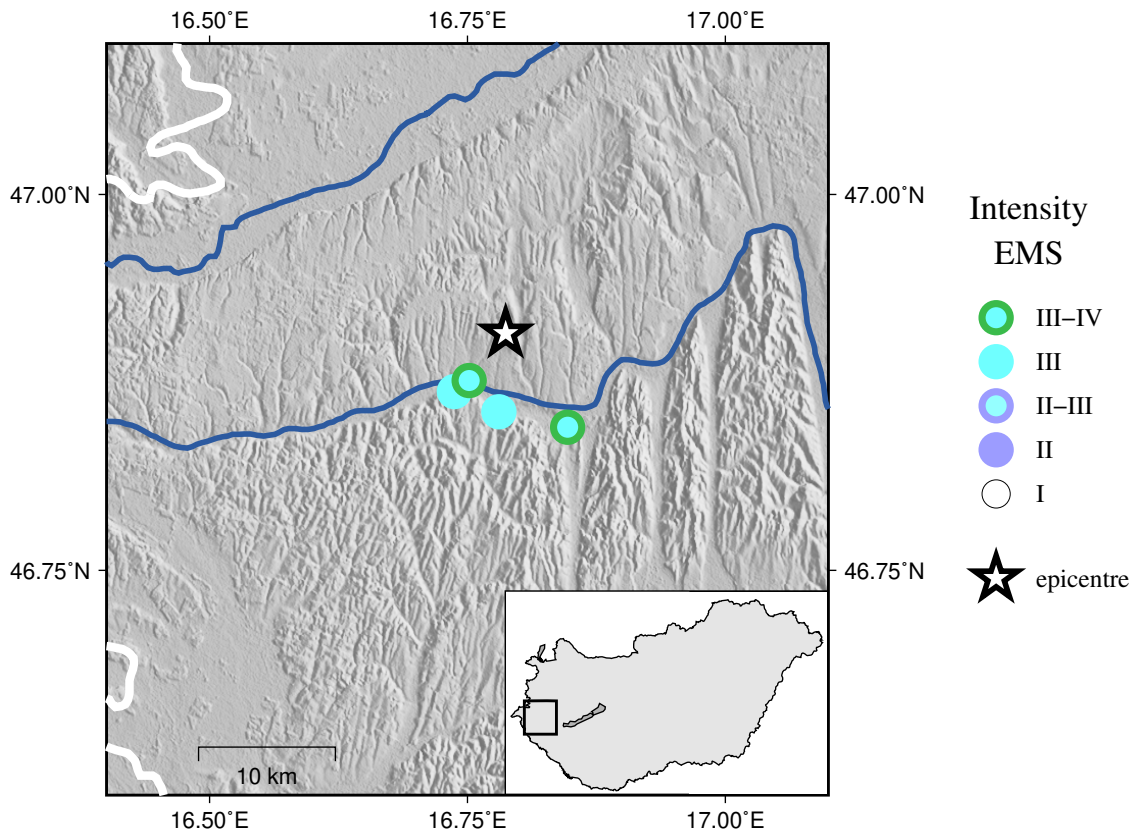


Figure 3.6:

EMS intensity distribution for the earthquake of 2022.11.09 10:37 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Bagod	46.87639	16.75166	III-IV	2
Boncodfölde	46.86901	16.73726	III	1
Teskánd	46.85557	16.78046	III	1
Zalaegerszeg	46.84538	16.84721	III-IV	3

Table 3.7:

Felt EMS intensities for the earthquake of 2022.11.09 10:37 UTC

2022.12.17 11:39 – Mezőkeresztes

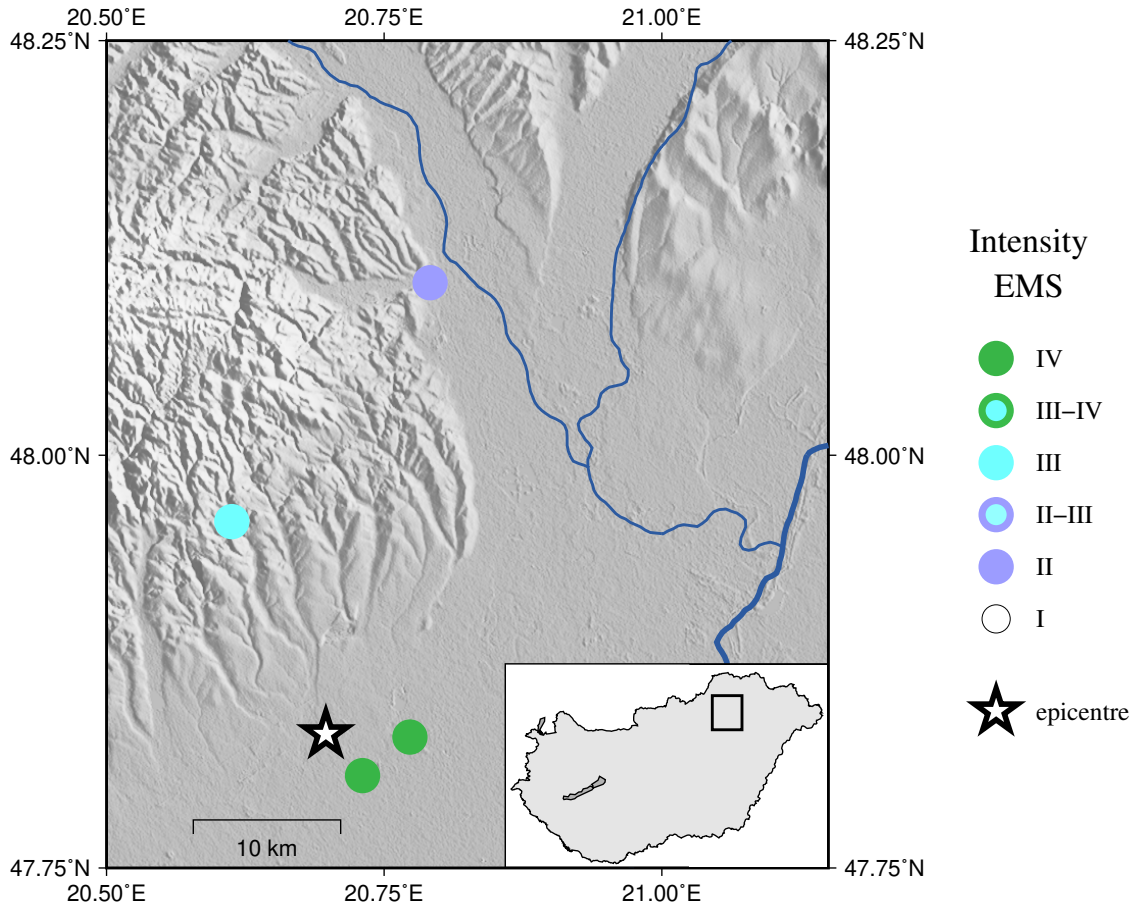


Figure 3.7:

EMS intensity distribution for the earthquake of 2022.12.17 11:39 UTC

Locality	Latitude (°N)	Longitude (°E)	Intensity (EMS)	N
Gelej	47.82941	20.77311	IV	2
Kács	47.95991	20.61275	III	1
Mezőnagymihály	47.80605	20.73046	IV	4
Miskolc	48.10417	20.79139	II	1

Table 3.8:

Felt EMS intensities for the earthquake of 2022.12.17 11:39 UTC

## 4. Phase data

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

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

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

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

### Event block

---

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

---

### Origin block

---

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

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

---

Magnitude block

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

---

Phase block


---

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

---

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/02	18:33:52.19	1.19	0.48	46.0077	16.9139	9.0	4.3	4	2.3	20.1	12	8	176	0.30	1.22	ke	BUD	18000004	BUD			180

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	4 BUD	18000004

Sta	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	0.30	59.7	Lg	18:34:02.417	-0.4					T__						142304	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
BEHE	0.47	348.3	Lg	18:34:07.623	-0.6					T__						142308	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOGS	0.64	314.0	Pg	18:34:05.122	0.4					T__	117.8			---	ML	1.9	142300	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.64	314.0	Lg	18:34:12.967	-0.1					T__				---		142309	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PTJ	0.67	261.7	Lg	18:34:14.262	-0.8					T__				---		142305	FDSN	CR	--	BUD	iLoc	BHN	???	_	
KOVH	0.83	84.0	Pg	18:34:09.062	0.2					T__	118.3			---	ML	2.0	142301	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.83	84.0	Lg	18:34:20.094	0.1					T__				---		142310	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A262A	0.90	342.8	Lg	18:34:21.532	0.0					T__				---		142306	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CRES	1.03	260.4	Pg	18:34:12.318	0.3					T__	120.8			---	ML	2.2	142307	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.03	260.4	Lg	18:34:26.565	-0.5					T__				---		142302	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
MORH	1.22	79.6	Pg	18:34:15.932	-0.0					T__	67.0			---	ML	2.0	142303	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.22	79.6	Sn	18:34:32.222	0.2					T__				---		142311	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/03	00:28:28.26	2.57	0.85	45.8103	17.1278	12.7	7.5	2	0.2	4.0	11	7	202	0.37	1.17	ke	BUD	18000006	BUD			208

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 BUD	18000006

Sta	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	0.37	17.8	Pg	00:28:36.238	0.0					T__	179.9			_c_	ML	1.6	142368	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.37	17.8	Lg	00:28:41.507	-0.2					T__				---		142372	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOVH	0.73	67.4	Pg	00:28:43.412	0.1					T__	83.0			---	ML	1.8	142374	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.73	67.4	Lg	00:28:53.946	0.3					T__				---		142373	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A265A	0.77	36.8	Pg	00:28:43.719	-0.3					T__	160.4			---	ML	2.1	142369	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.77	36.8	Lg	00:28:56.112	1.2					T__				---		142375	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PTJ	0.82	277.2	Lg	00:28:56.339	0.1					T__				---		142370	FDSN	CR	--	BUD	iLoc	BHN	???	_	
KOGS	0.88	316.6	Sn	00:28:59.643	-1.1					T__				---		142376	FDSN	SL	--	BUD	iLoc	BHN	???	_	
MORH	1.13	68.5	Pn	00:28:50.504	0.3					T__	89.4			---	ML	2.1	142378	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.13	68.5	Lg	00:29:06.111	-1.4					T__				---		142377	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									

(Station ML: 2.1 magdef=1  
 CRES 1.17 271.4 Sn 00:29:07.744 -0.5 T\_\_ --- 142371 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  
 2022/01/03 09:36:17.12 1.22 1.31 48.5020 20.7718 8.5 3.6 15 0.0f 12 8 196 0.15 1.29 sx BUD 18000008 BUD 212

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.2 4 BUD 18000008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.15	267.8	Pg	09:36:20.774	0.3					T__		160.7		---	ML	0.9	142410	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.15	267.8	Lg	09:36:23.109	0.0					T__				---		142413	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1)																										
KECS	0.19	264.5	Pg	09:36:21.281	0.1					T__		518.7		---	ML	1.5	142411	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.19	264.5	Lg	09:36:24.297	-0.1					T__				---		142414	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
ABAH	0.37	123.3	Pg	09:36:25.433	0.6					T__		171.6		---	ML	1.6	142412	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.37	123.3	Lg	09:36:29.979	-1.5					T__				---		142415	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																										
HU02A	0.41	203.5	Pg	09:36:26.484	0.5					T__		62.0		---	ML	1.2	142417	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.41	203.5	Lg	09:36:32.993	0.2					T__				---		142416	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																										
PSZ	0.83	225.5	Lg	09:36:46.107	-1.0					T__				---		142418	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.87	224.4	Lg	09:36:47.445	-0.6					T__				---		142419	FDSN	HU	--	BUD	iLoc	HHN	???	_		
TRPA	1.24	106.8	Sn	09:36:56.605	-2.8					T__				---		142420	FDSN	HU	--	BUD	iLoc	HHN	???	_		
VYHS	1.29	270.4	Sn	09:36:58.916	-1.9					T__				---		142421	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  
 2022/01/04 00:26:27.49 1.49 0.37 47.3411 18.1822 5.5 4.1 36 5.2 10.0 11 6 144 0.04 0.33 ke BUD 18000014 BUD 229

Magnitude Err Nsta Author OrigID  
 ML 0.9 0.1 5 BUD 18000014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
MSW2	0.04	153.2	Pg	00:26:29.153	0.1					T__		338.3		_c_	ML	1.0	142659	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.04	153.2	Lg	00:26:30.210	-0.3					T__				---		142660	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1)																										
MSW3	0.06	317.8	Pg	00:26:29.377	0.2					T__		194.1		_c_	ML	0.7	142655	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW3	0.06	317.8	Lg	00:26:30.449	-0.3					T__				---		142656	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1)																										
CSKK	0.06	67.5	Pg	00:26:29.553	0.3					T__		260.3		_d_	ML	0.9	142650	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.06	67.5	Lg	00:26:30.911	-0.0					T__				---		142653	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1)																										



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MSW1  0.07 45.2 Pg      00:26:29.749  0.2      T__      333.9    _d_ ML    1.0 142658    FDSN HU    -- BUD  iLoc  HHZ HHZ  _
MSW1  0.07 45.2 Lg      00:26:31.535  0.1      T__      ---      ---      142657    FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU08A  0.20 297.3 Pg     00:26:31.921  0.2      T__      76.1     ___ ML    0.7 142651    FDSN ZJ    00 BUD  iLoc  HHZ HHZ  _
HU08A  0.20 297.3 Lg     00:26:35.189 -0.1     T__      ---      ---      142652    FDSN ZJ    00 BUD  iLoc  HHN ???  _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
HU09A  0.33 24.4 Lg      00:26:39.087 -0.7     T__      ---      ---      142654    FDSN ZJ    00 BUD  iLoc  HHN ???  _

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/01/04 12:01:22.17 3.74 0.36 48.5841 20.2068 22.1 11.1 137 0.0f      6   3 316 0.21 0.51  sx BUD      18000016    BUD                353

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Magnitude Err Nsta Author      OrigID
ML      1.1 0.4   3 BUD      18000016

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Sta      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     0.21 118.5 Pg     12:01:26.803  0.2      T__      164.8    --- ML    1.1 142727    FDSN SK    -- BUD  iLoc  EHZ EHZ  _
KECS     0.21 118.5 Lg     12:01:30.245  0.2      T__      ---      ---      142728    FDSN SK    -- BUD  iLoc  EHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS      0.24 111.7 Pg     12:01:26.912 -0.2     T__      76.1     ___ ML    0.8 142725    FDSN ZJ    -- BUD  iLoc  HHZ HHZ  _
JOS      0.24 111.7 Lg     12:01:30.944  0.0      T__      ---      ---      142726    FDSN ZJ    -- BUD  iLoc  HHN ???  _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
HU02A    0.51 155.2 Pg     12:01:33.068  0.2      T__      64.0     ___ ML    1.5 142730    FDSN ZJ    00 BUD  iLoc  HHZ HHZ  _
HU02A    0.51 155.2 Lg     12:01:40.573 -0.5     T__      ---      ---      142729    FDSN ZJ    00 BUD  iLoc  HHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/01/05 07:29:26.92 1.39 0.52 46.0561 22.8729 10.0 6.0 51 0.0f      10  7 89 0.17 1.45  sx BUD      18000026    BUD                142

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Magnitude Err Nsta Author      OrigID
ML      1.7 0.1   3 BUD      18000026

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```

Sta      Dist EvAz Phase      Time      TRes Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
DEV      0.17 173.0 Pg     07:29:30.361  0.1      T__      787.2    --- ML    1.7 143191    FDSN RO    -- BUD  iLoc  HHZ HHZ  _
DEV      0.17 173.0 Lg     07:29:32.798  0.1      T__      ---      ---      143183    FDSN RO    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR      0.67 185.8 Pg     07:29:39.745  0.0      T__      56.6     ___ ML    1.6 143184    FDSN RO    -- BUD  iLoc  HHZ HHZ  _
GZR      0.67 185.8 Lg     07:29:48.680 -0.5     T__      ---      ---      143185    FDSN RO    -- BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR     0.74 351.4 Lg     07:29:53.545 -0.4     T__      ---      ---      143187    FDSN RO    -- BUD  iLoc  HHN ???  _
SIRR     0.87 284.5 Lg     07:29:56.869 -0.3     T__      ---      ---      143190    FDSN RO    -- BUD  iLoc  HHN ???  _
LOT      0.87 133.8 Lg     07:29:56.251 -0.3     T__      ---      ---      143186    FDSN RO    -- BUD  iLoc  HHN ???  _
BZS      0.98 243.9 Pg     07:29:46.606  0.5      T__      47.0     ___ ML    1.7 143189    FDSN RO    -- BUD  iLoc  HHZ HHZ  _
BZS      0.98 243.9 Lg     07:29:59.173 -0.7     T__      ---      ---      143188    FDSN RO    -- BUD  iLoc  HHN ???  _

```

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 ARCR 1.45 44.2 Sn 07:30:15.256 0.7 T\_\_ --- 143192 FDSN RO -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/05	08:35:16.02	1.32	0.82	46.1097	22.8416	10.0	4.8	50	0.0f	10	6	142	0.23	0.99	sx	BUD	18000028	BUD				213

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	18000028

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.23	169.2	Pg	08:35:20.852	0.4					T__		379.5		---	ML	1.5	143219	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.23	169.2	Lg	08:35:22.958	-0.7					T__				---		143221	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
DRGR	0.69	352.5	Lg	08:35:40.520	-0.6					T__				---		143223	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.72	183.7	Pg	08:35:30.402	0.6					T__		65.8		---	ML	1.7	143220	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.72	183.7	Lg	08:35:39.192	-0.7					T__				---		143222	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
SIRR	0.84	281.3	Pg	08:35:33.280	0.2					T__		68.9		---	ML	1.8	143225	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.84	281.3	Lg	08:35:44.975	-0.3					T__				---		143224	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
LOT	0.93	135.2	Lg	08:35:45.974	-1.4					T__				---		143226	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.99	240.5	Pg	08:35:35.685	0.4					T__		52.5		---	ML	1.8	143228	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.99	240.5	Lg	08:35:48.397	-0.8					T__				---		143227	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/05	14:17:24.68	2.69	0.49	45.9954	18.5128	21.0	5.6	155	0.0f	5	3	265	0.24	0.56	sx	BUD	18000032	BUD				319

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MORH	0.24	22.4	Pg	14:17:30.108	0.1					T__		74.2		---	ML	0.8	143313	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.24	22.4	Lg	14:17:34.113	-0.3					T__				---		143314	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
KOVH	0.30	288.1	Pg	14:17:31.525	0.2					T__		87.1		---	ML	1.1	143312	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.30	288.1	Lg	14:17:35.702	-0.6					T__				---		143311	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
A266A	0.56	342.1	Lg	14:17:45.238	0.3					T__				---		143315	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
2022/01/06	23:26:12.13	0.84	0.76	45.7477	21.6421	5.2	3.6	122	0.0f	21	13	74	0.13	2.30	ke	BUD	18000038	BUD				110

Magnitude Err Nsta Author OrigID  
 ML 2.2 0.1 9 BUD 18000038

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BZS	0.13	187.7	Pg	23:26:15.041	-0.0					T__		2609.4		_c_	ML	2.1 143958	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.13	187.7	Lg	23:26:16.621	-0.8					T__				---		143959	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
BANR	0.51	224.4	Pg	23:26:22.758	0.5					T__		1858.8		---	ML	3.0 143960	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BANR	0.51	224.4	Lg	23:26:29.708	-0.3					T__				---		143969	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.0 magdef=1 Station ML: 3.0 magdef=0)																								
SIRR	0.52	1.3	Pg	23:26:23.527	0.5					T__		90.6		---	ML	1.7 143957	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.52	1.3	Lg	23:26:30.496	-0.9					T__				---		143970	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																								
GZR	0.87	113.6	Pg	23:26:29.142	0.4					T__		148.7		---	ML	2.2 143956	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.87	113.6	Lg	23:26:40.224	-0.8					T__				---		143971	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
AMBH	0.88	313.7	Pn	23:26:30.061	-0.5					T__				---		143972	FDSN	HU	--	BUD	iLoc	HHZ	???	_
AMBH	0.88	313.7	Lg	23:26:42.601	-0.3					T__				---		143961	FDSN	HU	--	BUD	iLoc	HHN	???	_
DEV	0.89	80.8	Pg	23:26:29.669	0.6					T__		231.7		---	ML	2.4 143955	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																								
HU06A	1.22	322.7	Sn	23:26:52.596	-0.6					T__				---		143962	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
DRGR	1.28	35.0	Pn	23:26:36.990	0.4					T__		76.7		---	ML	2.1 143973	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.28	35.0	Sn	23:26:54.027	-1.5					T__				---		143974	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
FRGS	1.42	246.1	Pg	23:26:40.021	0.7					T__		75.4		---	ML	2.2 143964	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	1.42	246.1	Sn	23:26:58.203	-0.3					T__				---		143963	FDSN	SJ	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
LOT	1.52	100.6	Pg	23:26:41.283	0.2					T__		93.2		---	ML	2.3 143975	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																								
LTVH	1.65	6.1	Sn	23:27:04.674	0.9					T__				---		143967	FDSN	HU	--	BUD	iLoc	HHN	???	_
CJR	1.67	53.9	Pg	23:26:44.597	-0.1					T__		101.3		---	ML	2.4 143966	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	1.67	53.9	Lg	23:27:07.407	0.3					T__				---		143965	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																								
ARCR	2.30	53.5	Lg	23:27:28.392	1.6					T__				---		143968	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/01/07 07:35:08.30 0.74 0.17 47.9581 20.3698 10.8 3.5 147 0.0A 0.0 7 6 197 0.19 0.67 m kx BUD 18000042 BUD 360  
 2022/01/07 07:35:06.62 1.01 1.09 47.9590 20.3545f 0.0f 7 6 196 0.20 0.68 kx BUD\_GT 18000043 BUD\_GT 221  
 (locality : Eger-III. Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	07:35:12.068	0.8					T__		163.4		---	ML	1.1	144258	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	07:35:14.361	-0.7					T__				---		144260	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
PSZ	0.31	262.7	Lg	07:35:18.197	-1.0					T__				---		144261	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.33	256.4	Lg	07:35:19.061	-0.4					T__				---		144262	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.53	9.4	Lg	07:35:24.921	-0.7					T__				---		144263	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.55	12.9	Lg	07:35:25.801	-0.4					T__				---		144264	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
ABAH	0.68	60.0	Lg	07:35:29.749	-2.1					T__				---		144259	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
2022/01/07	09:13:59.05	3.15	2.35	46.1173	18.0977	28.1	4.6	121	0.0f		5	3	163	0.03	1.12	sx	BUD	18000044	BUD			264

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	177.0	Pg	09:14:00.568	0.2					T__		966.5		_c	ML	1.4	144304	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	177.0	Lg	09:14:01.394	-0.4					T__				---		144305	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.39	75.4	Pg	09:14:07.654	0.3					T__		53.3		---	ML	1.1	144307	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.39	75.4	Lg	09:14:13.274	-0.5					T__				---		144306	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MPLH	1.12	340.1	Sn	09:14:34.344	-3.2					T__				---		144308	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
2022/01/07	10:27:05.36	3.36	0.57	46.4724	16.2921	39.8	17.7	103	11.0f		4	3	331	0.04	0.87	ke	BUD	18000046	BUD			352

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.04	230.0	Pg	10:27:07.716	0.1					T__		426.0		---	ML	1.0	144325	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.04	230.0	Lg	10:27:08.892	-0.4					T__				---		144326	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
PTJ	0.61	201.8	Lg	10:27:26.386	-0.2					T__				---		144327	FDSN	CR	--	BUD	iLoc	BHN	???	_	
CHES	0.87	222.2	Lg	10:27:35.337	0.4					T__				---		144328	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
2022/01/07	10:34:24.20	0.95	0.98	48.5449	20.7938	4.6	3.7	9	0.0f		16	9	88	0.18	1.30	sx	BUD	18000048	BUD			159

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	7 BUD	18000048

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	253.9	Pg	10:34:28.285	0.4					T__		283.8		---	ML	1.2	144360	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	253.9	Lg	10:34:31.095	0.2					T__				---		144364	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.21 253.3 Pg 10:34:28.915 0.2 T__ 1091.7 ___ ML 1.9 144361 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 253.3 Lg 10:34:32.138 -0.1 T__ ___ 144365 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.39 129.8 Pg 10:34:32.871 0.7 T__ 95.7 ___ ML 1.4 144363 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 129.8 Lg 10:34:38.161 -0.8 T__ ___ 144366 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.46 203.1 Pg 10:34:34.194 0.2 T__ 97.5 ___ ML 1.6 144362 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 203.1 Lg 10:34:41.012 -0.4 T__ ___ 144367 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.87 224.1 Pg 10:34:43.427 0.9 T__ 99.1 ___ ML 2.0 144369 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.87 224.1 Lg 10:34:54.336 -1.3 T__ ___ 144368 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
ET1H 0.91 223.1 Pn 10:34:43.112 0.0 T__ 80.1 ___ ML 1.9 144372 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.91 223.1 Lg 10:34:55.591 -0.9 T__ ___ 144373 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 0.93 339.8 Pg 10:34:42.262 0.4 T__ 50.7 ___ ML 1.7 144371 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.93 339.8 Lg 10:34:54.328 -0.7 T__ ___ 144370 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 1.05 67.8 Lg 10:34:58.467 -2.2 T__ ___ 144374 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.30 268.5 Sn 10:35:06.807 -1.5 T__ ___ 144375 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
2022/01/07 10:59:29.15 0.96 0.94 47.8693 20.1539 5.6 3.0 161 0.0f 18 11 105 0.18 1.55 sx BUD 18000050 BUD 209

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 7 BUD 18000050

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Sta 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 0.18 285.8 Pg 10:59:34.170 0.6 T__ 662.0 ___ ML 1.6 144421 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 285.8 Lg 10:59:36.464 -0.8 T__ ___ 144426 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.19 273.0 Pg 10:59:34.156 0.5 T__ 467.3 ___ ML 1.5 144422 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 273.0 Lg 10:59:36.801 -0.3 T__ ___ 144428 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU23A 0.24 164.3 Lg 10:59:38.607 -0.3 T__ ___ 144429 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.36 44.4 Pg 10:59:36.783 -0.1 T__ 165.0 ___ ML 1.5 144423 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.4 Lg 10:59:42.465 -0.6 T__ ___ 144430 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.37 275.5 Lg 10:59:42.555 -0.7 T__ ___ 144431 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.65 19.7 Pg 10:59:43.037 0.7 T__ 100.2 ___ ML 1.9 144433 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.65 19.7 Lg 10:59:52.211 -0.1 T__ ___ 144432 FDSN SK -- BUD iLoc EHN ??? _

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.68 22.2 Pg 10:59:43.047 0.3 T__ 84.5 ___ ML 1.8 144435 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.2 Lg 10:59:53.377 0.3 T__ ___ 144434 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.76 268.6 Pg 10:59:45.812 0.9 T__ 232.4 ___ ML 2.3 144425 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.76 268.6 Lg 10:59:55.398 -1.8 T__ ___ 144436 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
ABAH 0.84 59.2 Pg 10:59:46.674 0.7 T__ 97.4 ___ ML 2.0 144424 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.84 59.2 Lg 10:59:58.492 -1.2 T__ ___ 144427 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.08 305.8 Lg 11:00:06.154 -0.6 T__ ___ 144437 FDSN SK -- BUD iLoc HHN ??? _
NIE 1.55 3.5 Sn 11:00:21.281 2.0 T__ ___ 144438 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
2022/01/08 16:02:19.11 1.10 0.45 46.4554 16.2153 8.8 6.0 166 7.1 5.7 7 4 118 0.03 0.93 ke BUD 18000056 BUD 227

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 3 BUD 18000056

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KOGS 0.03 106.7 Pg 16:02:20.790 0.1 T__ 471.3 ___ ML 1.0 145545 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.03 106.7 Lg 16:02:21.736 -0.1 T__ ___ 145546 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
BEHE 0.39 87.6 Pg 16:02:27.388 0.2 T__ 224.5 ___ ML 1.7 145548 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.39 87.6 Lg 16:02:32.069 -0.5 T__ ___ 145547 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CRES 0.82 220.2 Pg 16:02:35.086 0.2 T__ 95.3 ___ ML 1.9 145549 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.82 220.2 Lg 16:02:46.544 -0.4 T__ ___ 145550 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ARSA 0.93 329.4 Lg 16:02:48.514 -0.2 T__ ___ 145551 FDSN OE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/08 16:08:08.43 0.81 0.66 46.4559 16.1980 4.0 3.8 159 8.0f 29 18 53 0.04 1.84 ke BUD 18000058 BUD 103

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Magnitude Err Nsta Author OrigID
ML 2.2 0.0 12 BUD 18000058

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KOGS 0.04 102.1 Pg 16:08:09.400 -0.8 T__ 5813.2 ___ ML 2.2 145606 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.04 102.1 Lg 16:08:10.867 -0.7 T__ ___ 145611 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BEHE 0.40 87.7 Pg 16:08:16.508 -0.2 T__ 511.6 ___ ML 2.1 145605 FDSN HU -- BUD iLoc HHZ HHZ _

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BEHE	0.40	87.7	Lg	16:08:22.561	0.3	T__				145612	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=0															
A262A	0.47	28.9	Pg	16:08:17.561	-0.3	T__	408.4		ML	2.2	145608	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.47	28.9	Lg	16:08:24.524	0.3	T__					145613	FDSN	Z3	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.2 magdef=1															
				(Station ML: 2.2 magdef=1															
PTJ	0.57	196.3	Pg	16:08:19.937	-0.1	T__	283.5		ML	2.3	145609	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 2.3 magdef=1															
				(Station ML: 2.3 magdef=1															
ZAG	0.65	193.2	Lg	16:08:30.337	0.3	T__					145614	FDSN	CR	--	BUD	iLoc	BHN	???	_
A263A	0.79	76.1	Lg	16:08:34.972	0.1	T__					145615	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A264A	0.81	111.0	Pg	16:08:24.400	0.0	T__	208.2		ML	2.3	145607	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.81	111.0	Lg	16:08:35.723	0.6	T__					145617	FDSN	Z3	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.3 magdef=1															
				(Station ML: 2.3 magdef=1															
CRES	0.81	219.5	Pg	16:08:24.194	0.2	T__	156.5		ML	2.1	145610	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.81	219.5	Lg	16:08:35.351	-0.7	T__					145616	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=1															
ARSA	0.92	330.0	Pg	16:08:25.928	-0.3	T__	115.6		ML	2.1	145619	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.92	330.0	Lg	16:08:38.655	0.8	T__					145618	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=0															
OBKA	1.14	273.3	Pg	16:08:29.914	0.2	T__	183.2		ML	2.4	145621	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.14	273.3	Lg	16:08:45.616	0.2	T__					145620	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.4 magdef=1															
				(Station ML: 2.4 magdef=0															
MPLH	1.17	51.7	Pn	16:08:30.217	0.1	T__	129.8		ML	2.3	145622	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.17	51.7	Sn	16:08:46.415	0.4	T__					145623	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.3 magdef=1															
				(Station ML: 2.3 magdef=1															
EGYH	1.24	38.5	Sn	16:08:48.399	0.7	T__					145624	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.25	3.1	Pn	16:08:31.492	-0.0	T__	108.2		ML	2.2	145626	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.25	3.1	Sn	16:08:48.517	0.3	T__					145625	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.2 magdef=1															
				(Station ML: 2.2 magdef=1															
A019A	1.25	322.8	Pn	16:08:31.600	-0.3	T__	167.6		ML	2.4	145628	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	1.25	322.8	Lg	16:08:47.716	-0.9	T__					145627	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
				(Reading ML: 2.4 magdef=1															
				(Station ML: 2.4 magdef=0															
KOVH	1.37	104.9	Pg	16:08:34.793	0.2	T__	132.7		ML	2.4	145630	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.37	104.9	Lg	16:08:52.272	-0.1	T__					145629	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.4 magdef=1															
				(Station ML: 2.4 magdef=1															
CONA	1.49	351.3	Lg	16:08:57.667	1.3	T__					145631	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORH	1.71	97.2	Lg	16:09:05.112	1.9	T__					145632	FDSN	HU	--	BUD	iLoc	HHN	???	_
BLY	1.84	157.6	Lg	16:09:05.420	-0.9	T__					145633	FDSN	MN	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/09	05:42:02.67	0.88	0.40	46.0542	16.8741	5.0	3.8	161	11.1	8.3	25	15	86	0.31	1.32	ke	BUD	18000062	BUD			169

Magnitude Err Nsta Author OrigID  
ML 2.1 0.1 13 BUD 18000062

Sta	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	0.31	69.8	Pg	05:42:08.962	-0.3					T__		431.7		___	ML	1.8 145860	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.31	69.8	Lg	05:42:13.856	0.1					T__				---		145872	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
BEHE	0.42	350.7	Pg	05:42:11.400	0.0					T__		521.7		___	ML	2.2 145857	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.42	350.7	Lg	05:42:17.677	0.3					T__				---		145873	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
KOGS	0.59	312.5	Pg	05:42:13.883	-0.3					T__		190.8		___	ML	2.1 145859	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.59	312.5	Lg	05:42:22.624	0.6					T__				---		145858	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
PTJ	0.65	257.2	Pg	05:42:15.205	-0.3					T__		124.6		___	ML	2.0 145870	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.65	257.2	Lg	05:42:24.531	-0.6					T__				---		145874	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																								
A263A	0.66	27.3	Lg	05:42:25.000	0.3					T__				---		145865	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A265A	0.74	59.6	Pg	05:42:16.728	-0.5					T__		453.6		___	ML	2.6 145866	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.74	59.6	Lg	05:42:27.420	0.3					T__				---		145875	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0)																								
A262A	0.84	343.7	Lg	05:42:30.804	0.7					T__				---		145871	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KOVH	0.85	87.3	Pn	05:42:19.476	0.2					T__		109.4		___	ML	2.0 145862	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.85	87.3	Lg	05:42:31.001	0.3					T__				---		145863	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
BADH	0.86	28.6	Pg	05:42:18.945	-0.3					T__		143.8		___	ML	2.1 145861	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.86	28.6	Lg	05:42:31.285	0.5					T__				---		145876	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
CRES	1.01	257.5	Pg	05:42:21.551	0.0					T__		90.2		___	ML	2.0 145864	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.01	257.5	Sn	05:42:36.285	-0.2					T__				---		145867	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
A266A	1.07	63.4	Pg	05:42:23.129	-0.3					T__		177.4		___	ML	2.3 145877	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																								
TIH	1.10	39.4	Pg	05:42:23.729	0.0					T__		467.2		___	ML	2.8 145878	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1 Station ML: 2.8 magdef=0)																								
MPLH	1.21	22.1	Pg	05:42:25.099	-0.6					T__		85.5		___	ML	2.1 145879	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
MORH	1.24	81.9	Pg	05:42:26.429	-0.0					T__		90.3		___	ML	2.1 145869	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.24	81.9	Lg	05:42:43.664	-0.3					T__				---		145868	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
BLY	1.32	170.4	Pg	05:42:27.333	0.1					T__		110.6		___	ML	2.3 145880	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.32	170.4	Lg	05:42:44.780	0.6					T__				---		145881	FDSN	MN	--	BUD	iLoc	HHN	???	_



(Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/09	12:27:03.74	2.05	1.08	45.5144	16.1007	13.2	6.9	178	0.0f		16	10	237	0.32	2.06	ke	BUD	18000064	BUD			253

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	6 BUD	18000064

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.32	345.7	Pg	12:27:10.417	0.0					T__		880.5		___	ML	2.1	145961	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.32	345.7	Lg	12:27:16.108	0.9					T__				---		145968	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
PTJ	0.40	346.7	Pg	12:27:11.393	-0.9					T__		141.9		___	ML	1.6	145959	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.40	346.7	Lg	12:27:17.988	-0.6					T__				---		145969	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																									
CRES	0.55	304.8	Pg	12:27:14.553	0.1					T__		131.4		___	ML	1.9	145960	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.55	304.8	Lg	12:27:21.752	-0.7					T__				---		145970	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
KOGS	0.94	6.3	Pg	12:27:22.499	0.0					T__		130.5		___	ML	2.1	145957	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.94	6.3	Lg	12:27:36.009	1.1					T__				---		145971	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
A264A	1.05	51.7	Pg	12:27:24.350	-0.1					T__		213.7		___	ML	2.4	145958	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	1.05	51.7	Lg	12:27:39.155	-0.1					T__				---		145962	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
BEHE	1.07	26.0	Lg	12:27:39.695	-0.1					T__				---		145956	FDSN	HU	--	BUD	iLoc	HHN	???	_	
OBKA	1.47	313.2	Pn	12:27:31.603	-0.2					T__		171.6		___	ML	2.6	145964	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.47	313.2	Lg	12:27:52.312	1.1					T__				---		145963	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0																									
ARSA	1.78	347.2	Sn	12:27:59.208	0.7					T__				---		145965	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORH	1.91	67.6	Sn	12:28:02.666	1.2					T__				---		145966	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A019A	2.06	340.4	Lg	12:28:12.432	2.8					T__				---		145967	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	
2022/01/09	12:35:45.47	1.05	0.78	45.7560	16.9424	8.1	4.4	9	0.6		2.9	30	18	104	0.47	1.99	ke	BUD	18000066	BUD			199

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.1	12 BUD	18000066

Sta	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	0.47	30.8	Pg	12:35:55.208	-0.1					T__		332.4		___	ML	2.1	146037	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.47	30.8	Lg	12:36:01.476	-0.4					T__				---		146060	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																									

A273A	0.63	75.0	Lg	12:36:06.091	-0.5	T__					146038	FDSN	Z3	00	BUD	iLoc	HHN	???	_
ZAG	0.67	276.4	Lg	12:36:08.079	0.2	T__					146039	FDSN	CR	--	BUD	iLoc	BHN	???	_
PTJ	0.70	282.8	Pg	12:35:59.574	0.1	T__	238.4	---	ML	2.3	146035	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.70	282.8	Lg	12:36:08.457	-1.0	T__		---			146036	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
BEHE	0.72	350.8	Pg	12:36:01.187	1.0	T__	445.9	---	ML	2.6	146032	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.72	350.8	Lg	12:36:09.964	-0.1	T__		---			146033	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
KOGS	0.84	325.4	Pg	12:36:01.258	-0.8	T__	267.9	---	ML	2.4	146034	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.84	325.4	Lg	12:36:13.927	0.9	T__		---			146040	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
KOVH	0.87	67.2	Pn	12:36:03.493	-0.3	T__	208.4	---	ML	2.3	146041	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.87	67.2	Lg	12:36:14.167	-0.9	T__		---			146042	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A263A	0.92	16.2	Pg	12:36:03.998	-0.0	T__	238.5	---	ML	2.4	146044	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.92	16.2	Lg	12:36:15.629	-1.0	T__		---			146043	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
BLY	1.02	170.3	Lg	12:36:18.600	0.3	T__		---			146061	FDSN	MN	--	BUD	iLoc	HHN	???	_
CRES	1.04	274.4	Pn	12:36:06.466	-0.4	T__	112.1	---	ML	2.1	146045	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.04	274.4	Lg	12:36:20.012	-0.6	T__		---			146046	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
A262A	1.15	345.6	Pn	12:36:07.884	0.1	T__	198.3	---	ML	2.4	146047	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	1.15	345.6	Lg	12:36:23.823	0.8	T__		---			146048	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
A266A	1.20	49.6	Pn	12:36:08.564	0.3	T__	207.4	---	ML	2.5	146049	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	1.20	49.6	Lg	12:36:25.142	0.2	T__		---			146050	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MORH	1.27	68.2	Pg	12:36:10.430	0.1	T__	99.5	---	ML	2.2	146052	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.27	68.2	Lg	12:36:27.310	0.2	T__		---			146051	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
MPLH	1.47	16.1	Pg	12:36:14.189	0.1	T__	120.9	---	ML	2.4	146054	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.47	16.1	Sn	12:36:32.487	0.5	T__		---			146053	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
HU22A	1.63	68.6	Lg	12:36:39.816	1.1	T__		---			146055	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ARSA	1.79	327.3	Lg	12:36:42.349	0.0	T__		---			146056	FDSN	OE	--	BUD	iLoc	HHN	???	_
OBKA	1.83	295.2	Lg	12:36:43.203	-1.1	T__		---			146057	FDSN	OE	--	BUD	iLoc	HHN	???	_
RONA	1.99	347.4	Pn	12:36:21.103	1.5	T__	137.2	---	ML	2.7	146059	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.99	347.4	Lg	12:36:47.273	-1.9	T__		---			146058	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/01/10 06:27:30.19 0.99 0.78 48.0232 16.1437 5.0 4.7 8 0.0f 9 7 97 0.21 1.32 sx BUD 18000070 BUD 149

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.21	243.5	Pg	06:27:34.754	0.1					T__		204.3		---	ML	1.2	146145	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.21	243.5	Lg	06:27:36.633	-1.1					T__				---		146148	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
RONA	0.34	162.3	Pg	06:27:37.699	0.5					T__		64.3		---	ML	1.1	146146	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.34	162.3	Lg	06:27:41.564	-0.4					T__				---		146147	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A008A	0.48	316.6	Lg	06:27:46.065	0.2					T__				---		146149	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	0.84	64.8	Lg	06:27:58.997	-1.2					T__				---		146151	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ARSA	0.88	208.7	Lg	06:27:58.688	0.4					T__				---		146150	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.05	9.0	Lg	06:28:06.548	0.6					T__				---		146152	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.32	12.9	Sn	06:28:13.731	-0.0					T__				---		146153	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/10	08:02:09.05	0.40	0.28	48.0671	20.6932	5.4	3.2	163	0.0A	0.0	12	7	165	0.13	1.24	m	kx BUD	18000072	BUD			360
2022/01/10	08:02:07.35	0.92	0.84	48.0471	20.6805f				0.0f		12	7	167	0.13	1.25		kx BUD_GT	18000073	BUD_GT			196
(locality : Miskolc-Mexikóvölgy Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID  
ML 1.5 0.0 5 BUD 18000073

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	08:02:10.957	0.4					T__		666.0		_c	ML	1.5	146181	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	08:02:12.925	-0.4					T__				---		146182	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.45	56.1	Pg	08:02:17.217	0.6					T__		85.3		---	ML	1.5	146186	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	08:02:22.820	-1.6					T__				---		146185	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.46	343.5	Pg	08:02:17.464	0.8					T__		162.8		---	ML	1.8	146183	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	343.5	Lg	08:02:22.925	-0.8					T__				---		146187	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
JOS	0.46	348.2	Pg	08:02:17.340	0.7					T__		68.8		---	ML	1.4	146184	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	08:02:23.014	-0.8					T__				---		146188	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
PSZ	0.54	256.6	Pg	08:02:19.585	0.4					T__		64.9		---	ML	1.6	146190	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	256.6	Lg	08:02:26.819	-1.0					T__				---		146189	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.57	253.1	Lg	08:02:27.900	-0.3					T__				---		146191	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TRPA	1.25	85.5	Sn	08:02:48.854	-0.8					T__				---		146192	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
2022/01/10	09:00:28.58	1.24	0.79	47.3690	18.3607	6.7	5.8	97	0.0f		13	11	105	0.07	1.29	sx	BUD	18000074	BUD			107

Magnitude	Err	Nsta	Author	OrigID

Sta	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	265.1	Pg	09:00:30.805	0.2					T__		2552.3		_c_	ML	1.9	146224	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	265.1	Lg	09:00:32.383	-0.3					T__						146225	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU09A	0.27	3.1	Lg	09:00:39.271	-0.3					T__						146227	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.30	282.0	Lg	09:00:39.874	-0.7					T__						146226	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
A267A	0.43	168.9	Lg	09:00:44.156	-0.7					T__						146230	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.59	250.7	Pg	09:00:41.829	1.0					T__		82.3			ML	1.7	146228	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.59	250.7	Lg	09:00:49.241	-0.7					T__						146231	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	1.14	62.9	Sn	09:01:08.175	-0.1					T__						146229	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.17	15.7	Sn	09:01:08.323	-1.1					T__						146233	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.17	170.3	Sn	09:01:07.826	-0.8					T__						146232	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.17	61.5	Sn	09:01:08.535	-1.0					T__						146234	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MODS	1.24	324.4	Sn	09:01:10.436	-0.7					T__						146235	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.29	188.1	Sn	09:01:11.457	-0.2					T__						146236	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
2022/01/10	10:45:34.41	0.94	1.14	48.5603	20.7542	5.5	3.5	169	0.0f		16	9	88	0.16	1.28	sx	BUD	18000076	BUD			161

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	6 BUD	18000076

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	245.7	Pg	10:45:38.443	0.7					T__		358.8			ML	1.3	146284	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	245.7	Lg	10:45:40.637	0.2					T__						146287	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KECS	0.19	246.7	Pg	10:45:38.945	0.4					T__		743.2			ML	1.7	146285	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	246.7	Lg	10:45:41.547	-0.2					T__						146288	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.42	129.1	Pg	10:45:43.737	0.8					T__		90.2			ML	1.4	146290	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	129.1	Lg	10:45:49.216	-1.0					T__						146289	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.46	199.3	Pg	10:45:44.633	0.4					T__		55.7			ML	1.3	146286	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	199.3	Lg	10:45:51.052	-0.7					T__						146291	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.86	222.1	Lg	10:46:04.056	-1.5					T__						146293	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.90	221.2	Pn	10:45:52.860	-0.3					T__		61.7			ML	1.8	146295	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	221.2	Lg	10:46:05.413	-1.1					T__						146294	FDSN	HU	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
NIE 0.91 340.9 Lg 10:46:03.096 -1.4 T__ --- 146292 FDSN PL -- BUD iLoc BHN ??? _
KOLS 1.07 69.1 Pg 10:45:55.505 0.7 T__ --- 146297 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.07 69.1 Lg 10:46:09.547 -1.9 T__ --- 146296 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.28 267.7 Pn 10:45:59.436 0.8 T__ 18.6 --- ML 1.5 146298 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.28 267.7 Sn 10:46:15.890 -2.0 T__ --- 146299 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/10 11:00:13.96 1.02 0.65 48.1595 16.9476 11.1 4.3 134 0.0f 9 6 178 0.31 1.32 sx BUD 18000080 BUD 189

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.31 45.7 Pg 11:00:20.602 -0.1 T__ --- 146372 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.31 45.7 Lg 11:00:25.851 -0.3 T__ --- 146376 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.64 223.8 Lg 11:00:34.326 -0.9 T__ --- 146374 FDSN OE -- BUD iLoc HHN ??? _
CONA 0.76 252.8 Lg 11:00:39.148 -0.0 T__ --- 146375 FDSN OE -- BUD iLoc HHE ??? _
JAVC 0.85 34.2 Pg 11:00:32.160 0.8 T__ 102.7 --- ML 2.0 146378 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.85 34.2 Lg 11:00:44.075 -0.5 T__ --- 146377 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KRUC 0.97 338.1 Lg 11:00:46.524 -0.6 T__ --- 146373 FDSN CZ -- BUD iLoc HHN ??? _
ARSA 1.32 227.1 Pn 11:00:39.836 0.5 T__ 108.1 --- ML 2.3 146380 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.32 227.1 Lg 11:00:56.645 0.5 T__ --- 146379 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/10 12:20:02.96 0.85 0.95 48.3879 17.3198 4.3 3.4 137 0.0f 17 9 73 0.03 1.40 sx BUD 18000082 BUD 141

```

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 7 BUD 18000082

```

Sta 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 0.03 243.2 Pg 12:20:04.862 0.6 T__ _c_ 146453 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.03 243.2 Lg 12:20:06.138 0.4 T__ --- 146465 FDSN SK -- BUD iLoc HHE ??? _
JAVC 0.53 26.1 Pg 12:20:14.556 0.6 T__ 273.7 --- ML 2.2 146454 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.53 26.1 Lg 12:20:21.816 -0.7 T__ --- 146466 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
KRUC 0.91 318.1 Pg 12:20:20.731 0.3 T__ 67.2 --- ML 1.8 146455 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.91 318.1 Lg 12:20:31.681 -2.2 T__ --- 146467 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
RONA 0.97 225.3 Pg 12:20:22.560 0.3 T__ 91.1 --- ML 2.0 146456 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.97 225.3 Lg 12:20:34.042 -0.9 T__ --- 146468 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1

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```

(Station ML: 2.0 magdef=1
VYHS 1.02 83.4 Pg 12:20:23.072 -0.4 T__ 17.0 --- ML 1.3 146457 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.02 83.4 Lg 12:20:39.126 1.0 T__ --- 146469 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
VRAC 1.04 332.8 Pg 12:20:22.972 0.3 T__ 28.4 --- ML 1.5 146459 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.04 332.8 Lg 12:20:37.724 -0.2 T__ --- 146458 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU08A 1.04 156.8 Lg 12:20:38.571 -1.1 T__ --- 146460 FDSN ZJ 00 BUD iLoc HHN ??? _
CONA 1.08 245.3 Pg 12:20:23.583 -0.7 T__ 70.7 --- ML 1.9 146462 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.08 245.3 Lg 12:20:39.044 0.8 T__ --- 146461 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORC 1.40 5.9 Pn 12:20:30.651 1.3 T__ 68.9 --- ML 2.1 146464 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.40 5.9 Lg 12:20:48.205 -0.2 T__ --- 146463 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/11 08:39:13.51 1.18 0.66 46.0483 22.8365 8.5 4.5 43 0.0f 11 6 138 0.17 0.96 sx BUD 18000088 BUD 206

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 5 BUD 18000088

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.17 164.2 Pg 08:39:16.870 0.1 T__ 517.5 --- ML 1.5 147829 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.17 164.2 Lg 08:39:19.376 0.2 T__ --- 147830 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
GZR 0.66 183.7 Pg 08:39:26.168 0.1 T__ 69.4 --- ML 1.7 147832 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.66 183.7 Lg 08:39:34.703 -0.7 T__ --- 147831 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.75 353.4 Lg 08:39:39.711 -1.0 T__ --- 147834 FDSN RO -- BUD iLoc HHN ??? _
SIRR 0.85 285.4 Pg 08:39:31.053 0.3 T__ 47.0 --- ML 1.6 147837 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.85 285.4 Lg 08:39:42.820 -0.2 T__ --- 147838 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LOT 0.89 132.2 Pg 08:39:31.083 0.5 T__ 67.2 --- ML 1.8 147836 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.89 132.2 Lg 08:39:42.705 -0.8 T__ --- 147835 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BZS 0.96 243.6 Pg 08:39:32.709 0.6 T__ 61.8 --- ML 1.8 147839 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.96 243.6 Lg 08:39:44.927 -0.7 T__ --- 147833 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/11 09:08:49.95 1.00 1.21 47.4078 18.3624 8.4 3.0 140 0.0f 18 13 106 0.08 1.62 sx BUD 18000090 BUD 123

```

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 5 BUD 18000090

Sta	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	237.1	Pg	09:08:52.926	0.7					T__		2930.9		---	ML	2.0 147879	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	237.1	Lg	09:08:53.679	-0.9					T__				---		147880	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=0)																								
HU09A	0.23	3.4	Lg	09:08:59.845	0.3					T__				---		147881	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	0.30	274.7	Pg	09:08:56.436	0.0					T__		145.9		---	ML	1.3 147883	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.30	274.7	Lg	09:09:01.302	-0.5					T__				---		147882	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
MPLH	0.61	247.3	Lg	09:09:10.719	-1.0					T__				---		147884	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU10A	0.62	45.2	Pg	09:09:03.465	0.5					T__		123.2		---	ML	1.9 147886	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.62	45.2	Lg	09:09:11.818	-1.4					T__				---		147885	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
EGYH	0.70	271.1	Lg	09:09:15.119	0.3					T__				---		147887	FDSN	HU	--	BUD	iLoc	HHN	???	_
ET1H	1.12	64.6	Pn	09:09:12.525	0.7					T__		44.5		---	ML	1.8 147889	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.12	64.6	Sn	09:09:27.634	-1.6					T__				---		147888	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
VYHS	1.13	16.2	Pn	09:09:13.774	1.6					T__		25.1		---	ML	1.5 147893	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.13	16.2	Lg	09:09:29.028	-0.4					T__				---		147892	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
PSZ	1.15	63.2	Sn	09:09:28.207	-2.2					T__				---		147890	FDSN	GE	--	BUD	iLoc	HHN	???	_
MORH	1.21	170.7	Sn	09:09:28.563	-2.3					T__				---		147891	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.21	323.3	Sn	09:09:31.346	-0.4					T__				---		147894	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.33	187.9	Sn	09:09:33.287	-0.7					T__				---		147895	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	1.62	63.1	Sn	09:09:41.986	0.4					T__				---		147896	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/01/11 10:31:49.34 1.03 1.16 48.5567 20.7892 6.1 3.7 4 0.0f 18 10 88 0.18 1.30 sx BUD 18000094 BUD 160

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.2 8 BUD 18000094

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.18	250.0	Pg	10:31:53.540	0.5					T__		353.4		---	ML	1.3 148005	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	250.0	Lg	10:31:56.518	0.5					T__				---		148013	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
KECS	0.21	250.1	Pg	10:31:54.038	0.2					T__		808.1		---	ML	1.8 148006	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	250.1	Lg	10:31:57.597	0.2					T__				---		148014	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
ABAH	0.40	130.8	Pg	10:31:58.323	0.8					T__		93.4		---	ML	1.4 148009	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	130.8	Lg	10:32:03.117	-1.3					T__				---		148015	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								

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(Station ML: 1.4 magdef=1
HU02A 0.47 202.2 Pg 10:32:00.199 0.9 T__ 82.7 --- ML 1.5 148008 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.47 202.2 Lg 10:32:06.046 -0.9 T__ --- 148007 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.88 223.5 Pn 10:32:07.398 -0.6 T__ 73.3 --- ML 1.9 148017 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.88 223.5 Lg 10:32:19.310 -1.6 T__ --- 148016 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.91 222.5 Pn 10:32:08.833 0.5 T__ 58.6 --- ML 1.8 148010 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.91 222.5 Lg 10:32:20.673 -1.2 T__ --- 148019 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.92 339.7 Lg 10:32:19.134 -0.7 T__ --- 148018 FDSN PL -- BUD iLoc BHN ??? _
HU03A 1.03 231.0 Pn 10:32:10.442 0.6 T__ 93.1 --- ML 2.0 148011 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.03 231.0 Lg 10:32:24.098 -1.6 T__ --- 148021 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
KOLS 1.05 68.4 Lg 10:32:23.505 -2.2 T__ --- 148020 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.30 268.0 Pn 10:32:14.917 1.0 T__ 25.3 --- ML 1.6 148012 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.30 268.0 Sn 10:32:32.060 -1.3 T__ --- 148022 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/11	11:11:05.05	0.96	0.86	48.4288	19.5458	7.6	3.6	9	0.0f		9	6	165	0.48	0.72	sx	BUD	18000096	BUD			285

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3 BUD	18000096

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.48	278.1	Pg	11:11:15.272	0.4					T__		18.6		---	ML	0.9	148065	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	278.1	Lg	11:11:21.228	-0.8					T__				---		148058	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
PSZ	0.56	155.3	Lg	11:11:25.398	-0.6					T__				---		148059	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.59	158.3	Lg	11:11:26.368	-0.2					T__				---		148057	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.63	84.7	Lg	11:11:26.479	-0.7					T__				---		148060	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.66	83.8	Pg	11:11:18.977	0.7					T__	64.7			---	ML	1.7	148062	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	83.8	Lg	11:11:27.693	-0.7					T__				---		148061	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
HU02A	0.72	114.8	Pg	11:11:20.829	0.8					T__	57.8			---	ML	1.7	148063	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	114.8	Lg	11:11:30.199	-1.2					T__				---		148064	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/12	11:01:43.44	2.23	0.66	48.5477	17.3737	17.1	5.2	75	0.0f		5	3	251	0.19	0.83	sx	BUD	18000102	BUD			309



Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.19	200.2	Pg	11:01:47.906	0.2					T__						148235	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	200.2	Lg	11:01:50.866	-0.5					T__						148236	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A002B	0.55	250.7	Lg	11:02:02.830	0.2					T__						148237	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KRUC	0.83	308.9	Pg	11:01:59.613	0.3					T__		82.0		---	ML	1.9	148239	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.83	308.9	Lg	11:02:10.800	-0.7					T__				---		148238	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/01/12	13:28:19.18	0.35	0.26	47.8362	19.1196	5.7	3.1	179	0.0A	0.0	16	9	105	0.07	1.16	m	kx	BUD	18000104	BUD			360
2022/01/12	13:28:17.70	0.86	1.05	47.8327	19.1394f				0.0f		16	9	108	0.08	1.15		kx	BUD_GT	18000105	BUD_GT			194
(locality : Sejce-Vác Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	8 BUD	18000105

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.08	278.8	Pg	13:28:20.581	0.7					T__		710.1		---	ML	1.4	148383	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	13:28:21.035	-0.8					T__				---		148384	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU03A	0.32	76.9	Pg	13:28:25.683	1.0					T__		154.6		---	ML	1.4	148385	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	13:28:29.897	0.0					T__				---		148387	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
BUD	0.36	192.6	Pg	13:28:25.867	0.4					T__		295.1		---	ML	1.8	148388	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	0.50	84.3	Pg	13:28:28.887	0.5					T__		157.0		---	ML	1.9	148389	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	13:28:35.424	-0.7					T__				---		148390	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	0.52	80.1	Pg	13:28:29.380	0.4					T__		92.2		---	ML	1.7	148386	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	13:28:36.244	-1.0					T__				---		148391	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	0.69	343.1	Pg	13:28:32.275	0.4					T__		33.5		---	ML	1.4	148393	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	13:28:41.319	-0.8					T__				---		148392	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.98	72.2	Pn	13:28:38.140	0.5					T__		86.2		---	ML	2.0	148395	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	13:28:51.142	-2.1					T__				---		148394	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KECS	1.11	53.7	Sn	13:28:54.843	-1.8					T__				---		148396	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.15	54.2	Pn	13:28:40.606	0.7					T__		108.4		---	ML	2.2	148398	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	13:28:55.788	-1.7					T__				---		148397	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									

(Station ML: 2.2 magdef=0)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/13	08:09:38.16	2.03	1.07	47.3897	18.3667	15.8	5.0	128	0.0f		8	6	154	0.08	1.31	sx	BUD	18000110	BUD			172

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.08	249.8	Pg	08:09:40.752	0.4					T__		1770.7		___	ML	1.8	148560	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	249.8	Lg	08:09:41.823	-0.8					T__				---		148561	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU09A	0.25	2.4	Lg	08:09:48.131	-0.3					T__				---		148562	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU08A	0.30	278.0	Pg	08:09:45.483	0.8					T__		103.3		---	ML	1.2	148564	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.30	278.0	Lg	08:09:49.369	-0.8					T__				---		148563	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
VYHS	1.15	15.8	Lg	08:10:17.219	-1.0					T__				---		148567	FDSN	SK	--	BUD	iLoc	HNN	???	_	
MORH	1.19	170.7	Sn	08:10:17.201	-1.5					T__				---		148566	FDSN	HU	--	BUD	iLoc	HNN	???	_	
KOVH	1.31	188.1	Sn	08:10:21.024	-0.7					T__				---		148565	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/01/13	11:15:39.83	0.81	0.17	47.5545	18.5003	11.1	4.2	110	0.0A	0.0	6	4	207	0.12	0.97	m	kx	BUD	18000112	BUD			360
2022/01/13	11:15:38.54	0.97	0.94	47.5577	18.4810f				0.0f		6	4	203	0.10	0.97		kx	BUD_GT	18000113	BUD_GT			257

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

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	320.5	Pg	11:15:41.866	0.7					T__		1068.4		___	ML	1.6	148603	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	11:15:43.028	-0.7					T__				---		148607	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.25	217.6	Pg	11:15:44.615	0.6					T__		130.0		___	ML	1.1	148606	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	11:15:47.557	-1.2					T__				---		148604	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MPLH	0.75	239.1	Lg	11:16:04.267	-0.6					T__				---		148608	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	0.97	14.1	Lg	11:16:11.239	-1.1					T__				---		148605	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/01/13	12:44:23.60	0.92	1.05	48.8107	21.5807	5.6	4.4	171	0.0f		26	15	128	0.47	2.55	sx	BUD	18000114	BUD				190

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.1	10 BUD	18000114

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOLS	0.47	74.7	Pg	12:44:33.451	0.6					T__				---		148661	FDSN	SK	--	BUD	iLoc	HHZ	???	_

KOLS	0.47	74.7	Lg	12:44:38.591	-2.1	T__								148662	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	0.56	203.9	Pg	12:44:35.288	0.4	T__	231.0			ML	2.2	148664	FDSN	HU	--	BUD	iLoc	HHZ	HHZ			_
ABAH	0.56	203.9	Lg	12:44:43.569	-0.8	T__								148663	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
JOS	0.76	245.9	Pg	12:44:39.261	0.6	T__	170.7			ML	2.2	148665	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ			_
JOS	0.76	245.9	Lg	12:44:49.539	-0.5	T__								148658	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=0)																						
KECS	0.80	246.1	Pg	12:44:40.823	1.4	T__	246.0			ML	2.3	148656	FDSN	SK	--	BUD	iLoc	EHZ	EHZ			_
KECS	0.80	246.1	Lg	12:44:50.629	-0.7	T__								148657	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
TRPA	0.93	136.5	Pg	12:44:41.622	-0.0	T__	175.2			ML	2.3	148667	FDSN	HU	--	BUD	iLoc	HHZ	HHZ			_
TRPA	0.93	136.5	Lg	12:44:54.988	-1.6	T__								148666	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
HU02A	0.98	226.0	Pn	12:44:43.075	-0.6	T__	132.4			ML	2.2	148655	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ			_
HU02A	0.98	226.0	Lg	12:44:57.276	-1.3	T__								148670	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
NIE	1.04	306.3	Pg	12:44:43.414	0.2	T__	65.5			ML	1.9	148668	FDSN	PL	--	BUD	iLoc	BHZ	BHZ			_
NIE	1.04	306.3	Lg	12:44:57.071	-1.6	T__								148669	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=0)																						
PSZ	1.44	232.2	Pn	12:44:50.629	0.5	T__	117.4			ML	2.4	148659	FDSN	GE	--	BUD	iLoc	HHZ	HHZ			_
PSZ	1.44	232.2	Sn	12:45:11.368	0.3	T__								148671	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																						
(Station ML: 2.4 magdef=1)																						
LTVH	1.44	171.3	Sn	12:45:10.604	-0.1	T__								148672	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU23A	1.47	217.7	Sn	12:45:13.126	2.0	T__								148674	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	1.47	231.4	Pn	12:44:51.065	0.6	T__	92.6			ML	2.3	148660	FDSN	HU	--	BUD	iLoc	HHZ	HHZ			_
ET1H	1.47	231.4	Sn	12:45:11.585	0.1	T__								148673	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
HU03A	1.60	236.3	Pg	12:44:54.972	-1.5	T__	168.7			ML	2.6	148676	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ			_
HU03A	1.60	236.3	Sn	12:45:14.839	0.4	T__								148675	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																						
(Station ML: 2.6 magdef=0)																						
VYHS	1.85	261.2	Lg	12:45:25.242	-0.1	T__								148677	FDSN	SK	--	BUD	iLoc	HHN	???	_
DRGR	2.16	158.9	Pg	12:45:05.959	1.0	T__	102.1			ML	2.7	148678	FDSN	RO	--	BUD	iLoc	HHZ	HHZ			_
DRGR	2.16	158.9	Lg	12:45:35.959	0.6	T__								148679	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=0)																						
SIRR	2.55	178.8	Lg	12:45:48.293	1.2	T__								148680	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/01/13 14:15:32.51 1.15 0.58 47.9336 16.1101 7.8 4.4 34 0.0f 7 5 142 0.17 1.49 sx BUD 18000118 BUD 204

Magnitude Err Nsta Author OrigID

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

CONA	0.17	268.3	Pg	14:15:35.934	-0.1	T__	168.1	_c_ ML	1.0	148745	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	268.3	Lg	14:15:38.441	-0.2	T__		---		148746	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																		
(Station ML: 1.0 magdef=1)																		
RONA	0.27	151.7	Pg	14:15:37.962	-0.1	T__	79.6	___ ML	0.9	148747	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.27	151.7	Lg	14:15:41.748	-0.2	T__		---		148748	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																		
(Station ML: 0.9 magdef=1)																		
ARSA	0.79	210.4	Lg	14:15:58.515	0.8	T__		---		148749	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.15	9.4	Lg	14:16:11.834	0.4	T__		---		148750	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.49	307.1	Sn	14:16:21.189	0.7	T__		---		148751	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/13	14:19:04.32	0.95	0.70	47.8844	16.0844	6.3	3.6	28	0.0f		10	7	75	0.16	1.51	sx	BUD	18000120	BUD			144

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	3 BUD	18000120

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.16	286.4	Pg	14:19:08.014	0.3					T__		216.1		___	ML	1.1	148775	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	286.4	Lg	14:19:09.449	-0.6					T__				---		148776	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
RONA	0.23	142.2	Pg	14:19:09.903	0.6					T__		96.6		___	ML	0.9	148777	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	142.2	Lg	14:19:12.064	-0.7					T__				---		148778	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
SOP	0.38	122.0	Lg	14:19:17.276	-0.2					T__				---		148779	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.74	211.1	Pg	14:19:18.438	-0.2					T__		91.2		___	ML	1.9	148781	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	211.1	Lg	14:19:27.445	-0.5					T__				---		148780	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MODS	0.94	58.1	Lg	14:19:36.888	-0.9					T__				---		148782	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	9.8	Sn	14:19:44.588	-0.1					T__				---		148783	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.51	309.0	Lg	14:19:54.249	0.9					T__				---		148784	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/01/14	09:04:32.34	1.12	0.56	47.8327	16.2804	7.8	3.7	34	0.0f		7	4	199	0.13	0.78	ke	BUD	18000122	BUD					266

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.3	3 BUD	18000122

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.13	175.4	Pg	09:04:35.288	-0.1					T__		148.6		___	ML	0.8	148823	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	175.4	Lg	09:04:37.172	-0.4					T__				---		148822	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
SOP	0.24	128.5	Pg	09:04:37.708	0.3					T__		117.0		___	ML	1.0	148824	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	128.5	Lg	09:04:40.659	-0.4					T__				---		148825	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									

```

(Station ML: 1.0 magdef=1
CONA 0.30 288.9 Pg 09:04:38.567 0.1 T__ 135.5 ___ ML 1.3 148820 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 288.9 Lg 09:04:42.090 -0.5 T__ ___ 148821 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ARSA 0.78 221.7 Lg 09:04:57.927 0.8 T__ ___ 148826 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/14 10:05:24.47 0.93 1.32 48.5404 20.7946 5.8 3.3 178 0.0f 16 10 87 0.18 1.30 sx BUD 18000124 BUD 158

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.4 5 BUD 18000124

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 255.4 Pg 10:05:28.766 0.6 T__ 468.8 ___ ML 1.5 148860 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 255.4 Lg 10:05:31.299 0.2 T__ ___ 148861 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KECS 0.21 254.6 Pg 10:05:29.281 0.3 T__ 1016.2 ___ ML 1.9 148863 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 254.6 Lg 10:05:32.277 -0.2 T__ ___ 148862 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.38 129.3 Pg 10:05:33.162 0.8 T__ 177.9 ___ ML 1.6 148864 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.38 129.3 Lg 10:05:37.774 -1.4 T__ ___ 148865 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.46 203.4 Lg 10:05:40.986 -0.6 T__ ___ 148866 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.87 224.4 Lg 10:05:54.313 -1.4 T__ ___ 148867 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.91 223.4 Pn 10:05:43.850 0.5 T__ 157.1 ___ ML 2.2 148869 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.91 223.4 Lg 10:05:55.508 -1.2 T__ ___ 148870 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
NIE 0.94 339.8 Lg 10:05:54.741 -0.8 T__ ___ 148868 FDSN PL -- BUD iLoc BHN ??? _
KOLS 1.05 67.6 Pg 10:05:44.868 0.3 T__ ___ 148872 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.05 67.6 Lg 10:05:58.597 -2.4 T__ ___ 148871 FDSN SK -- BUD iLoc HHE ??? _
TRPA 1.23 108.8 Pg 10:05:49.417 1.2 T__ 167.8 ___ ML 2.4 148874 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.23 108.8 Sn 10:06:04.672 -2.0 T__ ___ 148873 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
VYHS 1.30 268.7 Sn 10:06:06.560 -2.0 T__ ___ 148875 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
2022/01/14 10:42:59.43 1.40 0.87 48.9119 21.1631 8.0 7.4 178 0.0f 12 9 135 0.59 1.35 sx BUD 18000126 BUD 221

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.0 3 BUD 18000126

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.59 225.0 Pg 10:43:11.830 0.7 T__ 104.6 ___ ML 1.8 148907 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.59 225.0 Lg 10:43:19.821 -0.1 T__ ___ 148914 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.62 175.3 Lg 10:43:21.424 -0.7 T__ --- 148916 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.62 226.5 Pg 10:43:11.796 -0.0 T__ 106.6 --- ML 1.9 148908 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.62 226.5 Lg 10:43:20.840 -0.3 T__ --- 148915 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 0.73 87.9 Lg 10:43:24.930 -0.4 T__ --- 148918 FDSN SK -- BUD iLoc HHN ??? _
NIE 0.76 312.1 Lg 10:43:24.183 -0.5 T__ --- 148917 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.90 208.5 Pg 10:43:18.391 0.5 T__ 101.6 --- ML 2.0 148910 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 208.5 Lg 10:43:29.795 -1.8 T__ --- 148909 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TRPA 1.20 130.0 Lg 10:43:41.175 0.5 T__ --- 148911 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.30 220.8 Sn 10:43:42.426 -1.3 T__ --- 148912 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.35 220.3 Sn 10:43:44.301 0.1 T__ --- 148913 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
2022/01/14 10:51:38.38 0.27 0.43 47.7681 19.0347 3.6 2.6 171 0.0A 0.0 20 13 102 0.08 1.42 m kx BUD 18000128 BUD 360
2022/01/14 10:51:36.59 0.84 0.99 47.7791 19.0372f 0.0f 20 13 102 0.07 1.41 kx BUD_GT 18000129 BUD_GT 160
(locality : Dunabogdány Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 7 BUD 18000129

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 349.3 Pg 10:51:39.324 0.9 T__ 4390.9 --- ML 2.1 148958 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 349.3 Lg 10:51:40.468 0.2 T__ --- 148964 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BUD 0.30 181.7 Lg 10:51:47.184 -1.3 T__ --- 148965 FDSN HU -- BUD iLoc HHN ??? _
HU03A 0.40 71.6 Pg 10:51:45.697 0.5 T__ 247.2 --- ML 1.8 148967 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.40 71.6 Lg 10:51:51.217 -0.3 T__ --- 148966 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU09A 0.46 252.6 Lg 10:51:52.646 -1.5 T__ --- 148959 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 0.57 79.6 Pg 10:51:48.952 0.1 T__ 137.8 --- ML 2.0 148968 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.57 79.6 Lg 10:51:56.579 -1.0 T__ --- 148969 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.59 76.1 Pg 10:51:50.311 0.9 T__ 160.6 --- ML 2.0 148971 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.59 76.1 Lg 10:51:57.067 -1.8 T__ --- 148970 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 0.73 349.4 Pg 10:51:51.977 0.5 T__ 34.3 --- ML 1.4 148973 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.73 349.4 Lg 10:52:02.074 -0.2 T__ --- 148972 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU02A 1.06 70.5 Pn 10:51:58.555 0.9 T__ 91.9 --- ML 2.1 148960 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.06 70.5 Sn 10:52:12.720 -1.8 T__ --- 148974 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1

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```

(Station ML: 2.1 magdef=1
MPLH  1.18 239.6 Lg    10:52:16.148 -1.1    T__
KECS  1.20  53.5 Sn    10:52:17.128 -0.5    T__
JOS   1.24  54.0 Pg    10:52:02.729  1.7    T__
JOS   1.24  54.0 Sn    10:52:18.274 -0.2    T__
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
MODS  1.32 297.4 Sn    10:52:21.150 -0.2    T__
JAVC  1.41 320.3 Sn    10:52:24.553  0.3    T__

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/01/14 11:11:29.90 0.87 0.85 47.9047 20.1408 3.7 2.9 152 0.0f 19 12 102 0.17 1.52 sx BUD 18000130 BUD 141

```

```

Magnitude Err Nsta Author  OrigID
ML 1.7 0.1 7 BUD 18000130

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR  Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
PSZ  0.17 274.8 Pg    11:11:34.631 0.6    T__
PSZ  0.17 274.8 Lg    11:11:36.738 -0.7    T__
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.18 262.1 Pg    11:11:34.705 0.5    T__
ET1H 0.18 262.1 Lg    11:11:37.411 -0.2    T__
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU23A 0.28 164.5 Pg    11:11:36.695 0.5    T__
HU23A 0.28 164.5 Lg    11:11:40.745 -0.2    T__
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.34 49.7 Pg    11:11:37.595 0.3    T__
HU02A 0.34 49.7 Lg    11:11:42.462 -0.7    T__
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.36 270.1 Lg    11:11:43.266 -0.4    T__
KECS 0.62 21.6 Pg    11:11:43.354 0.9    T__
KECS 0.62 21.6 Lg    11:11:51.672 -0.3    T__
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS  0.65 24.1 Pg    11:11:43.147 0.2    T__
JOS  0.65 24.1 Lg    11:11:52.445 -0.4    T__
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU01A 0.66 212.3 Lg    11:11:52.955 -1.4    T__
ABAH 0.83 61.6 Pg    11:11:47.056 0.5    T__
ABAH 0.83 61.6 Lg    11:11:58.969 -1.1    T__
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
VYHS 1.05 304.5 Lg    11:12:05.620 -0.9    T__
HU04A 1.18 202.7 Sn    11:12:09.501 -0.3    T__
NIE  1.52 3.9 Sn    11:12:21.136 2.0    T__

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/01/14	23:03:06.16	0.86	1.05	47.7476	16.0649	5.3	3.6	127	2.0f	66	37	92	0.16	2.46	ke	BUD	18000132	BUD				102			
Magnitude	Err	Nsta	Author	OrigID																					
ML	2.8	0.1	32	BUD	18000132																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.16	107.0	Pg	23:03:10.205	0.5					T__		6832.2		___	ML	2.6	150729	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.16	107.0	Lg	23:03:11.640	-0.6					T__				---		150793	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
CONA	0.23	322.9	Pg	23:03:12.049	1.2					T__		983.5		_c_	ML	1.9	150728	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
SOP	0.34	100.8	Pg	23:03:13.320	0.3					T__		1423.9		___	ML	2.4	150730	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.34	100.8	Lg	23:03:17.533	-0.2					T__				---		150744	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
ARSA	0.62	216.6	Pg	23:03:17.315	-0.8					T__		1594.6		_d_	ML	3.0	150731	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.62	216.6	Lg	23:03:24.688	-1.3					T__				---		150746	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
A260A	0.64	136.7	Pg	23:03:18.532	-0.3					T__		1810.0		___	ML	3.1	150732	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.64	136.7	Lg	23:03:26.776	-0.6					T__				---		150745	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
EGYH	0.92	110.6	Pg	23:03:24.851	0.5					T__		1103.1		___	ML	3.1	150734	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.92	110.6	Lg	23:03:36.691	-0.7					T__				---		150747	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
A262A	0.94	160.2	Pg	23:03:24.570	-0.0					T__		991.8		___	ML	3.0	150735	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.94	160.2	Lg	23:03:37.027	0.3					T__				---		150748	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
MODS	1.03	51.9	Pg	23:03:26.495	-0.1					T__				---		150733	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.03	51.9	Lg	23:03:40.914	-1.0					T__				---		150749	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A261A	1.08	136.8	Pg	23:03:27.789	0.2					T__		581.8		___	ML	2.9	150750	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	1.08	136.8	Lg	23:03:42.026	-0.1					T__				---		150751	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
MPLH	1.16	119.5	Pn	23:03:28.647	0.1					T__		313.0		___	ML	2.6	150736	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.16	119.5	Sn	23:03:43.247	-1.7					T__				---		150752	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
HU08A	1.30	103.4	Pn	23:03:31.402	1.0					T__		450.7		___	ML	2.9	150754	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.30	103.4	Sn	23:03:47.310	-1.2					T__				---		150753	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
KOGS	1.31	174.4	Pn	23:03:29.954	-0.8					T__		378.1		___	ML	2.8	150738	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.31	174.4	Lg	23:03:48.187	0.1					T__				---		150755	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
KRUC	1.33	9.4	Pn	23:03:31.726	0.5					T__		446.1		___	ML	2.9	150760	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_



KRUC	1.33	9.4	Sn	23:03:49.741	0.3	T__	---	150759	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
BADH	1.34	134.0	Pg	23:03:32.384	-0.1	T__	339.6	---	ML	2.8	150757	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	1.34	134.0	Sn	23:03:49.164	-0.0	T__	---	---	---	150756	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
BEHE	1.37	158.9	Pg	23:03:32.642	-0.2	T__	399.1	---	ML	2.9	150739	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.37	158.9	Sn	23:03:50.003	0.1	T__	---	---	---	150758	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
A263A	1.40	142.0	Pg	23:03:33.477	0.0	T__	306.1	---	ML	2.8	150740	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.40	142.0	Sn	23:03:50.765	0.4	T__	---	---	---	150761	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
CSKK	1.54	103.7	Pg	23:03:36.002	-0.2	T__	309.4	---	ML	2.8	150763	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.54	103.7	Sn	23:03:54.888	0.4	T__	---	---	---	150762	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
JAVC	1.54	43.4	Pn	23:03:35.729	1.3	T__	259.7	---	ML	2.8	150767	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.54	43.4	Lg	23:03:58.320	0.2	T__	---	---	---	150766	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
HU09A	1.57	93.1	Pn	23:03:34.240	0.1	T__	256.7	---	ML	2.8	150764	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.57	93.1	Sn	23:03:57.266	1.9	T__	---	---	---	150765	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
CKRC	1.59	313.1	Pn	23:03:36.078	1.2	T__	598.9	---	ML	3.2	150770	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.59	313.1	Sn	23:03:57.507	1.4	T__	---	---	---	150769	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=0)																			
TREC	1.60	346.3	Pn	23:03:36.341	1.4	T__	411.8	---	ML	3.0	150773	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.60	346.3	Sn	23:03:57.843	2.1	T__	---	---	---	150772	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
VRAC	1.60	12.5	Pn	23:03:35.547	0.5	T__	103.5	---	ML	2.4	150737	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.60	12.5	Sn	23:03:56.322	0.3	T__	---	---	---	150771	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
OBKA	1.61	220.4	Pn	23:03:35.075	-0.7	T__	175.2	---	ML	2.6	150741	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.61	220.4	Sn	23:03:56.431	-0.5	T__	---	---	---	150768	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
A265A	1.77	137.6	Pg	23:03:40.608	0.2	T__	180.9	---	ML	2.7	150775	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	1.77	137.6	Lg	23:04:04.652	1.2	T__	---	---	---	150774	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A264A	1.80	151.7	Pg	23:03:40.781	0.1	T__	163.7	---	ML	2.7	150776	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	1.80	151.7	Lg	23:04:02.573	-1.2	T__	---	---	---	150777	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A267A	1.83	115.1	Lg	23:04:06.538	0.2	T__	---	---	---	150778	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
PTJ	1.84	182.1	Pg	23:03:41.504	0.5	T__	137.1	---	ML	2.7	150742	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_

PTJ	1.84	182.1	Sn	23:04:03.296	0.9	T__								150779	FDSN	CR	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						
ZAG	1.92	181.6	Lg	23:04:09.058	1.2	T__								150780	FDSN	CR	--	BUD	iLoc	BHN	???	_
A266A	1.94	128.3	Pg	23:03:44.049	0.6	T__	312.0			ML	3.1			150781	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)																						
(Station ML: 3.1 magdef=0)																						
CRES	1.97	192.5	Pg	23:03:43.483	0.8	T__	87.0			ML	2.5			150783	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.5 magdef=1)																						
(Station ML: 2.5 magdef=0)																						
A271A	1.97	106.5	Sn	23:04:06.940	1.9	T__								150782	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU10A	1.99	86.1	Pg	23:03:43.503	-1.8	T__	158.9			ML	2.8			150785	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	1.99	86.1	Lg	23:04:11.542	-1.5	T__								150784	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.8 magdef=1)																						
(Station ML: 2.8 magdef=1)																						
VYHS	2.00	67.1	Pn	23:03:40.287	-0.1	T__	61.9			ML	2.4			150743	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	2.00	67.1	Pg	23:03:44.427	-1.1	T__								150787	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	2.00	67.1	Lg	23:04:12.829	0.1	T__								150786	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																						
(Station ML: 2.4 magdef=0)																						
BUD	2.02	96.4	Sn	23:04:07.924	1.5	T__								150788	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	2.17	139.2	Pg	23:03:47.593	-0.1	T__	99.8			ML	2.7			150789	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						
MORC	2.25	25.2	Pn	23:03:45.849	1.6	T__	160.0			ML	3.0			150790	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																						
(Station ML: 3.0 magdef=1)																						
PRU	2.46	336.4	Pn	23:03:48.495	1.5	T__	239.2			ML	3.2			150791	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
PRU	2.46	336.4	Sn	23:04:20.221	4.1	T__								150792	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1)																						
(Station ML: 3.2 magdef=0)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/15	02:07:35.74	1.40	1.00	46.4773	16.2309	9.7	5.6	46	0.0f		9	5	187	0.03	1.16	ke	BUD	18000134	BUD			243

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	18000134

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.03	155.4	Pg	02:07:36.833	0.0					T__		1013.6			ML	1.4	150877	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.03	155.4	Lg	02:07:37.908	0.0					T__						150878	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PTJ	0.60	197.8	Pg	02:07:48.803	0.9					T__		83.7			ML	1.8	150880	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.60	197.8	Lg	02:07:55.606	-1.0					T__						150879	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CRES	0.84	219.8	Pg	02:07:51.718	-0.3					T__		72.5			ML	1.8	150881	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.84	219.8	Lg	02:08:03.943	-0.4					T__						150882	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	0.91	328.1	Pg	02:07:53.406	0.0					T__		110.7			ML	2.1	150883	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

```

ARSA  0.91 328.1 Sn      02:08:06.961 -1.9          T__          ---          150884      FDSN OE      -- BUD  iLoc  HHE ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1
OBKA  1.16 272.2 Lg      02:08:13.665  0.3          T__          ---          150885      FDSN OE      -- BUD  iLoc  HHE ??? _

```

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/01/15 02:40:23.75  2.57  0.73 46.4251  16.3150  29.6  7.4  93  11.0f      5   4 238  0.05  0.99  ke BUD      18000136  BUD                267

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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
KOGS  0.05 297.3 Pg      02:40:26.074 -0.0          T__          563.8      _c_ ML  1.2 150906  FDSN SL  -- BUD  iLoc  BHZ BHZ _
KOGS  0.05 297.3 Lg      02:40:27.250 -0.5          T__          ---          150907  FDSN SL  -- BUD  iLoc  BHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=0
PTJ   0.57 205.1 Lg      02:40:44.232  0.5          T__          ---          150908  FDSN CR  -- BUD  iLoc  BHE ??? _
CRES  0.85 225.2 Lg      02:40:52.314 -0.2          T__          ---          150909  FDSN SL  -- BUD  iLoc  BHE ??? _
ARSA  0.99 326.9 Lg      02:40:56.099  0.7          T__          ---          150910  FDSN OE  -- BUD  iLoc  HHE ??? _

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/01/15 09:52:52.70  0.95  1.01 46.1671  18.2843  9.3   3.2 157  0.0f      9   6 159  0.15  1.13  sx BUD      18000142  BUD                190

```

Magnitude Err Nsta Author OrigID  
ML 1.5 0.3 3 BUD 18000142

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
KOVH  0.15 238.5 Pg      09:52:56.622  0.2          T__          545.0      --- ML  1.5 151091  FDSN HU  -- BUD  iLoc  HHZ HHZ _
KOVH  0.15 238.5 Lg      09:52:58.892 -0.4          T__          ---          151093  FDSN HU  -- BUD  iLoc  HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
MORH  0.25 79.0 Pg      09:52:58.799  0.5          T__          172.7      --- ML  1.2 151092  FDSN HU  -- BUD  iLoc  HHZ HHZ _
MORH  0.25 79.0 Lg      09:53:02.068 -0.8          T__          ---          151094  FDSN HU  -- BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
A266A 0.36 357.8 Lg      09:53:05.773 -0.6          T__          ---          151099  FDSN Z3  00 BUD  iLoc  HHN ??? _
HU22A  0.61 74.4 Pg      09:53:06.275  1.1          T__          490.2      --- ML  2.5 151096  FDSN ZJ  00 BUD  iLoc  HHZ HHZ _
HU22A  0.61 74.4 Lg      09:53:13.757 -1.8          T__          ---          151095  FDSN ZJ  00 BUD  iLoc  HHN ??? _
(Reading ML:  2.5 magdef=1
(Station ML:  2.5 magdef=1
A264A  0.69 269.7 Lg      09:53:16.612  0.1          T__          ---          151097  FDSN Z3  00 BUD  iLoc  HHN ??? _
MPLH  1.13 333.2 Sn      09:53:30.782 -0.6          T__          ---          151098  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
2022/01/15 19:21:55.88  1.10  0.79 47.8168  16.2695  9.3   3.9  27  4.7  22.2  9   5 120  0.12  1.25  ke BUD      18000150  BUD                192

```

Magnitude Err Nsta Author OrigID  
ML 0.8 0.3 4 BUD 18000150

```

Sta  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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RONA	0.12	171.2	Pg	19:21:58.557	-0.1	T__	92.8	_d_ ML	0.6	151400	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	171.2	Lg	19:22:00.464	-0.2	T__		---		151402	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.6 magdef=1)																		
(Station ML: 0.6 magdef=1)																		
SOP	0.24	124.3	Pg	19:22:00.868	0.1	T__	50.8	___ ML	0.7	151401	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	124.3	Lg	19:22:04.428	0.2	T__		---		151403	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																		
(Station ML: 0.7 magdef=1)																		
CONA	0.30	292.3	Pg	19:22:01.936	-0.1	T__	76.3	___ ML	1.0	151399	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	292.3	Lg	19:22:06.439	0.2	T__		---		151404	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																		
(Station ML: 1.0 magdef=1)																		
ARSA	0.76	222.0	Lg	19:22:20.657	0.5	T__		---		151405	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.25	3.8	Pn	19:22:18.199	-1.2	T__	56.3	___ ML	1.9	151407	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.25	3.8	Sn	19:22:35.522	-1.1	T__		---		151406	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																		
(Station ML: 1.9 magdef=1)																		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/16	21:52:58.04	0.99	1.07	47.9420	16.4524	5.2	4.8	5	11.0f		11	7	112	0.26	1.68		ke BUD	18000152	BUD			166

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.4	4 BUD	18000152

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.26	203.5	Pg	21:53:03.424	-0.4					T__		59.4		___	ML	0.8	152234	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.26	203.5	Lg	21:53:07.228	-0.6					T__				---		152237	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
SOP	0.27	164.5	Pg	21:53:04.202	0.4					T__		92.6		___	ML	1.0	152235	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	164.5	Lg	21:53:07.743	-0.1					T__				---		152238	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CONA	0.40	268.2	Pg	21:53:06.380	0.1					T__		100.9		___	ML	1.4	152233	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.40	268.2	Lg	21:53:11.882	-0.0					T__				---		152239	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MODS	0.70	51.7	Lg	21:53:22.286	-0.7					T__				---		152240	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	0.93	222.6	Lg	21:53:28.745	0.7					T__				---		152243	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.12	358.1	Pn	21:53:20.088	1.1					T__		83.8		___	ML	2.0	152236	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.12	358.1	Sn	21:53:35.306	0.8					T__				---		152241	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CKRC	1.68	302.4	Sn	21:53:50.734	2.4					T__				---		152242	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/01/16	22:36:41.65	0.94	0.45	47.7722	16.2299	12.5	3.8	32	11.0f		8	4	154	0.09	1.30		ke BUD	18000154	BUD					216

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.4	4 BUD	18000154

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.09	148.3	Pg	22:36:44.630	0.1					T__		96.4		___	ML	0.5	152270	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	148.3	Lg	22:36:46.332	-0.3					T__				---		152271	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
SOP	0.24	111.8	Pg	22:36:47.050	0.1					T__		99.3		___	ML	1.0	152274	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	111.8	Lg	22:36:50.363	-0.2					T__				---		152272	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CONA	0.29	302.3	Pg	22:36:47.884	-0.1					T__		98.5		___	ML	1.1	152275	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	302.3	Lg	22:36:52.592	0.3					T__				---		152276	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KRUC	1.30	4.8	Pn	22:37:04.987	-0.1					T__		79.0		___	ML	2.1	152277	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.30	4.8	Sn	22:37:21.492	-0.9					T__				---		152273	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/01/17	08:05:46.32	0.40	0.22	47.9410	20.3516	6.2	3.1	133	0.0A	0.0	10	7	134	0.22	0.69	m	kx BUD	18000158	BUD			360		
2022/01/17	08:05:45.11	0.94	1.41	47.9590	20.3545f				0.0f		10	7	132	0.20	0.68		kx BUD_GT	18000159	BUD_GT			196		
(locality : Eger-III. Hungary)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	3 BUD	18000159

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	08:05:50.959	1.2					T__		230.8		___	ML	1.2	152401	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	08:05:52.703	-0.9					T__				---		152404	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.31	262.7	Lg	08:05:55.932	-1.7					T__				---		152406	FDSN	GE	--	BUD	iLoc	HHN	???	_	
HU23A	0.33	192.5	Lg	08:05:55.794	-2.1					T__				---		152405	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.33	256.4	Lg	08:05:56.384	-1.6					T__				---		152407	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.53	9.4	Pg	08:05:57.203	1.3					T__		89.6		___	ML	1.7	152402	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.53	9.4	Lg	08:06:03.777	-0.3					T__				---		152408	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.55	12.9	Pg	08:05:56.844	0.6					T__		123.5		___	ML	1.9	152403	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	12.9	Lg	08:06:04.290	-0.4					T__				---		152409	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.68	60.0	Lg	08:06:08.486	-1.8					T__				---		152410	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		
2022/01/17	08:18:12.88	0.48	0.26	48.0868	20.6705	6.2	3.5	148	0.0A	0.0	11	6	188	0.10	0.58	m	kx BUD	18000160	BUD			360		
2022/01/17	08:18:10.88	0.92	0.97	48.0471	20.6805f				0.0f		11	6	196	0.13	0.57		kx BUD_GT	18000161	BUD_GT			264		
(locality : Miskolc-Mexikóvölgy Hungary)																								

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
ML 1.7 0.0 5 BUD 18000161

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU02A	0.13	305.8	Pg	08:18:14.466	0.4					T__		962.5		_c_	ML	1.6 152439	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	08:18:15.773	-1.1					T__				---		152442	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
ABAH	0.45	56.1	Pg	08:18:20.916	0.8					T__		176.2		---	ML	1.8 152448	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	08:18:26.935	-1.0					T__				---		152447	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KECS	0.46	343.5	Pg	08:18:20.891	0.7					T__		91.9		---	ML	1.5 152444	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	343.5	Lg	08:18:25.903	-1.3					T__				---		152443	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
JOS	0.46	348.2	Pg	08:18:20.861	0.7					T__		124.1		---	ML	1.7 152440	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	08:18:26.154	-1.2					T__				---		152446	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
PSZ	0.54	256.6	Lg	08:18:30.511	-0.8					T__				---		152449	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.57	253.1	Pg	08:18:24.157	1.1					T__		162.0		---	ML	2.0 152441	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.57	253.1	Lg	08:18:31.167	-0.6					T__				---		152445	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/17	09:08:52.80	1.39	0.76	46.1256	18.0347	10.2	5.6	123	0.0f		6	4	165	0.06	0.43	sx	BUD	18000162	BUD			252

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.06	129.4	Pg	09:08:55.020	0.3					T__		1463.4		_c_	ML	1.6 152501	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	129.4	Lg	09:08:55.837	-0.6					T__				---		152502	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
A273A	0.26	216.1	Lg	09:09:02.131	-0.4					T__				---		152503	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A266A	0.43	21.6	Lg	09:09:08.240	-0.7					T__				---		152504	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MORH	0.43	77.9	Pg	09:09:02.382	0.5					T__		56.5		---	ML	1.3 152500	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.43	77.9	Lg	09:09:08.266	-0.6					T__				---		152505	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/17	10:21:39.38	0.99	0.99	48.0291	16.1086	7.8	4.0	142	0.0f		8	5	131	0.19	1.05	sx	BUD	18000164	BUD			187

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.19	238.8	Pg	10:21:43.620	0.2					T__		217.8		---	ML	1.2	152573	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.19	238.8	Lg	10:21:45.615	-0.7					T__				---		152574	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=1																					
RONA	0.35	159.0	Lg	10:21:50.809	-0.8					T__				---		152575	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.85	65.8	Pg	10:21:57.728	0.9					T__				---		152578	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.85	65.8	Lg	10:22:08.615	-1.4					T__				---		152579	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	0.87	207.2	Pg	10:21:57.063	0.8					T__		86.5		---	ML	1.9	152577	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.87	207.2	Lg	10:22:07.742	0.5					T__				---		152576	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1																					
				(Station ML: 1.9 magdef=1																					
KRUC	1.05	10.3	Lg	10:22:14.848	-0.2					T__				---		152580	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/17	11:24:51.17	1.20	1.36	48.5590	20.8119	6.3	5.4	19	0.0f		13	9	89	0.19	1.32	sx	BUD	18000166	BUD			160

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	18000166

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	250.9	Pg	11:24:55.870	0.7					T__		261.7		---	ML	1.3	152609	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	250.9	Lg	11:24:58.267	-0.1					T__				---		152612	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=1																					
KECS	0.23	250.9	Pg	11:24:56.514	0.5					T__		795.7		---	ML	1.8	152610	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	250.9	Lg	11:24:59.247	-0.4					T__				---		152613	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=1																					
ABAH	0.39	132.6	Lg	11:25:05.123	-0.8					T__				---		152614	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.48	203.8	Pg	11:25:02.726	1.5					T__		126.0		---	ML	1.7	152611	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	203.8	Lg	11:25:07.884	-1.1					T__				---		152615	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					
PSZ	0.89	224.1	Pn	11:25:09.320	-0.6					T__		109.5		---	ML	2.0	152617	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	224.1	Lg	11:25:21.269	-1.9					T__				---		152616	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1																					
				(Station ML: 2.0 magdef=1																					
NIE	0.92	338.8	Lg	11:25:21.222	-0.5					T__				---		152618	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ET1H	0.93	223.1	Lg	11:25:22.371	-1.7					T__				---		152619	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	1.04	68.3	Lg	11:25:25.287	-1.8					T__				---		152620	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.32	267.9	Sn	11:25:33.861	-1.7					T__				---		152621	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	
2022/01/17	18:56:18.64	0.86	0.53	46.8248	16.5564	5.5	4.6	92	9.7		1.4	16	11	68	0.04	1.42	ke	BUD	18000168	BUD			100

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	7 BUD	18000168

Sta	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	0.04	333.4	Pg	18:56:20.611	-0.2	T__	3150.9	_c_ ML	1.9	152761	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A262A	0.04	333.4	Lg	18:56:22.318	-0.0	T__		---		152762	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
BEHE	0.39	156.9	Lg	18:56:33.002	0.8	T__		---		152769	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOGS	0.43	209.3	Pg	18:56:27.275	-0.1	T__	102.2	---	ML	1.5	152770	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
BADH	0.63	91.4	Lg	18:56:39.528	-0.6	T__		---		152763	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.76	62.5	Pn	18:56:34.216	-0.1	T__	83.0	---	ML	1.8	152760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.76	62.5	Lg	18:56:45.058	0.3	T__		---		152764	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
EGYH	0.79	41.5	Pg	18:56:34.586	0.1	T__	236.3	---	ML	2.3	152767	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
ARSA	0.83	301.5	Pg	18:56:34.426	-0.1	T__	92.2	---	ML	1.9	152766	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.83	301.5	Lg	18:56:45.685	0.6	T__		---		152765	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
PTJ	1.00	204.1	Lg	18:56:51.586	-0.5	T__		---		152771	FDSN	CR	--	BUD	iLoc	BHN	???	_	
CRES	1.26	217.7	Pg	18:56:41.656	-0.2	T__	42.5	---	ML	1.8	152773	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.26	217.7	Lg	18:56:58.921	-0.8	T__		---		152772	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KOVH	1.30	124.1	Pn	18:56:42.453	0.9	T__	65.4	---	ML	2.0	152775	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.30	124.1	Lg	18:57:00.033	-0.2	T__		---		152774	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
OBKA	1.42	257.9	Sn	18:57:02.406	-0.3	T__		---		152768	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/18	00:30:06.51	1.07	0.89	47.8377	16.2740	7.7	3.7	34	0.0f		9	5	125	0.14	1.23	ke	BUD	18000170	BUD			200

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.1	4 BUD	18000170

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.14	173.8	Pg	00:30:09.485	-0.1					T__		111.1		_d_ ML	0.7	152828	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.14	173.8	Lg	00:30:11.269	-0.6					T__				---		152829	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.25	128.7	Pg	00:30:12.032	0.3					T__		64.6		---	ML	0.8	152830	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	128.7	Lg	00:30:15.328	-0.1					T__				---		152831	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.29	288.2	Pg	00:30:12.514	0.0					T__		51.6		---	ML	0.8	152827	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	288.2	Lg	00:30:16.408	-0.2					T__				---		152834	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
ARSA	0.78	221.2	Lg	00:30:32.523	1.2					T__				---		152835	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.23	3.7	Pn	00:30:29.360	-1.0					T__		54.9		---	ML	1.9	152832	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_



KRUC 1.23 3.7 Sn 00:30:46.415 -1.3 T\_\_ --- 152833 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/18	08:35:31.85	1.31	1.17	47.3730	18.3738	10.3	3.2	145	0.0f	14	10	109	0.08	1.30	sx	BUD	18000172	BUD				128

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	4 BUD	18000172

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.08	262.7	Pg	08:35:34.751	0.7					T__		691.7		---	ML	1.4	152869	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	262.7	Lg	08:35:35.714	-0.6					T__				---		152871	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU09A	0.27	1.3	Pg	08:35:38.741	1.1					T__		203.8		---	ML	1.3	152873	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.27	1.3	Lg	08:35:41.938	-0.7					T__				---		152872	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
HU08A	0.31	281.0	Lg	08:35:43.069	-1.1					T__				---		152874	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.64	42.5	Pg	08:35:45.944	0.7					T__		107.8		---	ML	1.9	152876	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.64	42.5	Lg	08:35:54.297	-1.5					T__				---		152875	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
EGYH	0.71	273.9	Lg	08:35:56.184	-0.9					T__				---		152877	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.16	15.3	Pn	08:35:55.592	1.1					T__		18.3		---	ML	1.4	152870	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	15.3	Lg	08:36:10.992	-1.4					T__				---		152880	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
PSZ	1.16	61.5	Sn	08:36:11.287	-1.3					T__				---		152879	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.17	170.8	Sn	08:36:10.311	-1.6					T__				---		152878	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.24	324.0	Sn	08:36:13.923	-0.6					T__				---		152881	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.30	188.4	Sn	08:36:15.086	0.0					T__				---		152882	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	
2022/01/18	09:04:57.72	1.82	1.14	48.5444	20.8147	11.8	5.7	23	0.0f	12	7	222	0.19	1.32	sx	BUD	18000174	BUD					296

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	18000174

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.19	255.2	Pg	09:05:02.142	0.4					T__		270.3		---	ML	1.3	152914	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	255.2	Lg	09:05:04.721	-0.1					T__				---		152917	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
KECS	0.23	254.5	Pg	09:05:02.705	0.2					T__		481.7		---	ML	1.6	152915	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	254.5	Lg	09:05:05.901	-0.3					T__				---		152918	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
ABAH	0.38	131.1	Lg	09:05:10.929	-1.2					T__				---		152919	FDSN	HU	--	BUD	iLoc	HHN	???	_	

HU02A	0.46	204.7	Pg	09:05:08.753	1.2	T__	70.4	___	ML	1.4	152916	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	204.7	Lg	09:05:14.709	-0.4	T__		---			152920	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
PSZ	0.88	224.8	Lg	09:05:27.439	-2.0	T__		---			152921	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.92	223.8	Pn	09:05:16.725	-0.0	T__	51.6	---	ML	1.7	152923	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	223.8	Lg	09:05:29.509	-0.8	T__		---			152922	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
VYHS	1.32	268.5	Pn	09:05:22.681	0.2	T__	29.4	---	ML	1.7	152925	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.32	268.5	Sn	09:05:40.187	-1.9	T__		---			152924	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/18	10:49:22.51	0.60	0.58	47.5734	18.4633	9.5	3.8	111	0.0A	0.0	7	4	198	0.09	0.95	m	kx	BUD	18000176	BUD		360
2022/01/18	10:49:20.93	0.95	1.20	47.5577	18.4810f				0.0f		7	4	203	0.10	0.97		kx	BUD_GT	18000177	BUD_GT		257
(locality : Tatabánya Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	18000177

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	320.5	Pg	10:49:24.128	0.5					T__		1746.8		---	ML	1.8	152952	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	10:49:25.181	-0.9					T__				---		152953	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CSKK	0.25	217.6	Pg	10:49:27.915	1.6					T__		147.1		---	ML	1.2	152954	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	10:49:30.675	-0.4					T__				---		152956	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MPLH	0.75	239.1	Lg	10:49:45.511	-1.8					T__				---		152957	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.97	14.1	Pg	10:49:40.122	-0.4					T__		19.5		---	ML	1.3	152955	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	14.1	Lg	10:49:53.560	-1.2					T__				---		152958	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/18	11:58:38.50	1.09	0.88	46.1492	22.8706	9.0	4.6	84	0.0f		9	6	147	0.27	1.03		sx	BUD	18000178	BUD		219

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3 BUD	18000178

Sta	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	0.27	175.1	Lg	11:58:47.347	-0.0					T__				---		153009	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	0.65	350.3	Pg	11:58:52.161	0.5					T__		79.4		---	ML	1.8	153003	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.65	350.3	Lg	11:59:00.950	-1.4					T__				---		153011	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

GZR	0.76	185.0	Pg	11:58:53.103	0.1	T__	45.9	___	ML	1.6	153007	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.76	185.0	Lg	11:59:03.491	-0.3	T__		---			153008	FDSN	RO	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
SIRR	0.85	278.4	Lg	11:59:07.334	-0.8	T__		---			153004	FDSN	RO	--	BUD	iLoc	HNN	???	_
LOT	0.94	137.8	Lg	11:59:09.370	-0.9	T__		---			153010	FDSN	RO	--	BUD	iLoc	HNN	???	_
BZS	1.03	239.1	Pg	11:58:59.083	0.6	T__	47.4	---	ML	1.7	153005	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.03	239.1	Lg	11:59:12.050	-0.8	T__		---			153006	FDSN	RO	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/19	05:05:19.48	0.86	0.59	47.8538	16.2606	4.6	3.6	21	5.1	14.3	20	13	65	0.16	1.84	ke	BUD	18000184	BUD			105

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.6	6 BUD	18000184

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.16	171.1	Pg	05:05:22.958	-0.0					T__		145.1		_d_	ML	0.9	153241	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.16	171.1	Lg	05:05:25.024	-0.4					T__				---		153240	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
SOP	0.26	130.2	Pg	05:05:25.419	0.5					T__		109.8		___	ML	1.1	153242	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	130.2	Lg	05:05:28.796	0.1					T__				---		153243	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.28	285.7	Pg	05:05:25.387	0.1					T__		84.1		_c_	ML	1.0	153239	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	285.7	Lg	05:05:29.400	0.1					T__				---		153257	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A260A	0.65	152.0	Lg	05:05:40.418	-0.6					T__				---		153244	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
ARSA	0.78	219.9	Pg	05:05:34.276	-0.4					T__		76.7		---	ML	1.8	153246	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.78	219.9	Lg	05:05:44.590	0.1					T__				---		153245	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MODS	0.86	52.3	Pg	05:05:36.738	0.1					T__				---		153247	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.86	52.3	Lg	05:05:48.868	-0.6					T__				---		153248	FDSN	SK	--	BUD	iLoc	HNN	???	_	
MPLH	1.10	127.8	Pn	05:05:40.786	0.1					T__		50.0		---	ML	1.8	153250	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.10	127.8	Sn	05:05:55.677	-0.8					T__				---		153249	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU08A	1.20	110.0	Sn	05:05:59.750	0.8					T__				---		153258	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
KRUC	1.21	4.2	Pn	05:05:42.673	0.2					T__		71.8		---	ML	2.0	153252	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	4.2	Sn	05:05:59.598	0.3					T__				---		153251	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
KOGS	1.41	180.3	Sn	05:06:03.737	0.2					T__				---		153253	FDSN	SL	--	BUD	iLoc	BHN	???	_	
VRAC	1.47	8.5	Sn	05:06:06.415	0.7					T__				---		153254	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CKRC	1.62	307.3	Sn	05:06:11.108	1.5					T__				---		153255	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
VYHS	1.84	68.7	Lg	05:06:21.037	0.0					T__				---		153256	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/19	08:24:54.49	0.92	0.70	47.9997	16.6307	5.9	3.6	132	0.0f	10	7	94	0.32	1.07	sx	BUD	18000186	BUD				151

Magnitude	Err	Nsta	Author	OrigID

Sta	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	0.32	188.8	Lg	08:25:05.627	-0.1					T__						153310	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.38	217.0	Pg	08:25:02.159	-0.0					T__		57.3		---	ML	1.1	153305	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.38	217.0	Lg	08:25:06.426	-1.0					T__				---		153311	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
CONA	0.52	262.4	Pg	08:25:04.996	0.1					T__		74.3		---	ML	1.6	153304	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.52	262.4	Lg	08:25:12.006	0.1					T__				---		153312	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
MODS	0.57	48.9	Pg	08:25:06.858	0.4					T__				---		153313	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.57	48.9	Lg	08:25:14.740	-0.9					T__				---		153307	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MPLH	1.03	143.1	Lg	08:25:30.094	0.0					T__				---		153309	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.06	225.4	Lg	08:25:29.415	1.1					T__				---		153306	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.07	351.7	Lg	08:25:30.627	-0.4					T__				---		153308	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/19	09:15:41.79	0.84	1.21	48.7190	18.7186	5.3	3.3	40	0.0f	18	11	91	0.24	1.34	sx	BUD	18000190	BUD				135

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.0	7 BUD	18000190

Sta	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	160.8	Pg	09:15:47.651	0.8					T__		76.5		---	ML	0.8	153476	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.24	160.8	Lg	09:15:51.464	0.9					T__				---		153475	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=0)																					
JAVC	0.71	281.8	Pg	09:15:56.004	-0.3					T__		128.4		---	ML	2.0	153474	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.71	281.8	Lg	09:16:06.573	-0.8					T__				---		153477	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
HU10A	0.90	167.0	Lg	09:16:12.654	-1.5					T__				---		153478	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	1.01	143.9	Pn	09:16:02.555	0.4					T__		100.1		---	ML	2.1	153482	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.01	143.9	Lg	09:16:16.138	-1.2					T__				---		153481	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
MODS	1.02	250.7	Lg	09:16:17.179	-0.6					T__				---		153479	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	1.14	137.1	Sn	09:16:19.942	-1.7					T__				---		153483	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	1.20	100.7	Pn	09:16:04.837	-0.0					T__		77.7		---	ML	2.1	153485	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.20	100.7	Lg	09:16:20.890	-1.5					T__				---		153484	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
JOS	1.23	99.8	Pn	09:16:06.112	0.8					T__		77.7		---	ML	2.1	153486	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.23	99.8	Lg	09:16:21.366	-2.0					T__				---		153487	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
NIE	1.25	55.5	Lg	09:16:22.947	-0.2					T__				---		153480	FDSN	PL	--	BUD	iLoc	BHN	???	_	

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MORC 1.31 324.4 Pg 09:16:07.259 1.1 T__ 98.5 ___ ML 2.2 153489 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.31 324.4 Lg 09:16:24.329 0.0 T__ ___ 153488 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU02A 1.34 115.7 Pn 09:16:08.276 1.2 T__ 67.3 ___ ML 2.1 153490 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.34 115.7 Sn 09:16:25.273 -1.6 T__ ___ 153491 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/19 10:02:40.17 2.61 1.59 48.2474 21.7950 25.4 6.3 151 0.0f 7 4 237 0.76 0.90 sx BUD 18000192 BUD 335

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KOLS 0.76 24.6 Pg 10:02:55.281 0.5 T__ ___ 153563 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.76 24.6 Lg 10:03:04.035 -3.0 T__ ___ 153562 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.86 262.1 Pg 10:02:57.726 -0.2 T__ 77.6 ___ ML 1.9 153564 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.86 262.1 Lg 10:03:10.802 -0.4 T__ ___ 153565 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.87 287.0 Pg 10:02:57.672 0.2 T__ 71.1 ___ ML 1.8 153561 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.87 287.0 Lg 10:03:10.965 0.3 T__ ___ 153567 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.90 285.6 Lg 10:03:12.333 0.6 T__ ___ 153566 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
2022/01/19 10:45:08.30 0.95 0.46 47.7883 16.2385 11.4 3.8 33 11.0f 8 4 142 0.10 1.28 ke BUD 18000194 BUD 208

```

Magnitude Err Nsta Author OrigID  
ML 0.9 0.5 4 BUD 18000194

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.10 156.2 Pg 10:45:11.427 0.1 T__ 57.1 _d ML 0.3 153609 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 156.2 Lg 10:45:13.498 0.0 T__ ___ 153610 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
SOP 0.24 115.8 Pg 10:45:13.754 0.2 T__ 81.3 ___ ML 0.9 153612 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 115.8 Lg 10:45:17.002 -0.2 T__ ___ 153611 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.29 299.0 Pg 10:45:14.982 0.4 T__ 68.6 ___ ML 0.9 153613 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 299.0 Lg 10:45:18.076 -0.8 T__ ___ 153614 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KRUC 1.28 4.6 Pn 10:45:31.427 -0.1 T__ 60.6 ___ ML 2.0 153616 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.28 4.6 Sn 10:45:48.153 -0.5 T__ ___ 153615 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/19	11:00:08.87	2.29	0.52	48.3906	20.6531	18.0	5.2	89	0.0f	7	5	233	0.13	0.73	sx	BUD	18000196	BUD				261

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.13	324.3	Pg	11:00:11.885	0.2					T__		274.5		_c_	ML	1.1	153641	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.13	324.3	Lg	11:00:13.405	-0.6					T__				---		153644	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.15	309.8	Pg	11:00:12.366	0.3					T__		267.5		---	ML	1.1	153642	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.15	309.8	Lg	11:00:14.475	-0.1					T__				---		153645	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.28	197.7	Lg	11:00:19.766	-0.3					T__				---		153646	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.69	227.4	Lg	11:00:34.507	0.2					T__				---		153647	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.73	225.9	Lg	11:00:34.530	-0.7					T__				---		153643	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	
2022/01/19	16:34:58.23	0.97	0.89	47.7619	16.2141	15.3	3.8	31	11.0f	7	4	166	0.08	1.31	ke	BUD	18000200	BUD					226

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.2	3 BUD	18000200

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.08	138.3	Pg	16:35:01.201	0.1					T__		55.7		---	ML	0.3	153706	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.08	138.3	Lg	16:35:03.119	-0.0					T__				---		153707	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
SOP	0.25	108.6	Pg	16:35:03.937	0.3					T__		66.5		---	ML	0.8	153709	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	108.6	Lg	16:35:06.827	-0.5					T__				---		153708	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.29	305.2	Pg	16:35:04.960	0.5					T__		67.7		---	ML	0.9	153710	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	305.2	Lg	16:35:07.978	-0.8					T__				---		153711	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KRUC	1.31	5.2	Sn	16:35:37.825	-1.4					T__				---		153712	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/01/19	17:17:08.38	0.92	0.66	45.9695	17.0722	4.6	3.4	173	8.9	8.8	46	27	83	0.24	2.80	ke	BUD	18000202	BUD				164

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	25 BUD	18000202

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A264A	0.24	38.4	Pg	17:17:13.746	0.0					T__		5687.1		---	ML	2.7	153801	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.24	38.4	Lg	17:17:17.814	0.4					T__				---		153818	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

(Reading ML: 2.7 magdef=1																			
(Station ML: 2.7 magdef=1																			
A273A	0.52	95.6	Pg	17:17:18.931	-0.0	T__	2547.2	___ ML	3.2	153808	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A273A	0.52	95.6	Lg	17:17:26.340	0.4	T__		___		153819	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.2 magdef=1																			
(Station ML: 3.2 magdef=1																			
BEHE	0.54	337.7	Pg	17:17:19.430	0.0	T__	3369.8	_c_ ML	3.3	153796	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BEHE	0.54	337.7	Lg	17:17:27.276	0.5	T__		___		153820	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1																			
(Station ML: 3.3 magdef=0																			
A265A	0.68	47.6	Pg	17:17:21.674	-0.2	T__	2611.2	___ ML	3.3	153821	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A265A	0.68	47.6	Lg	17:17:30.808	-0.2	T__		___		153822	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1																			
(Station ML: 3.3 magdef=0																			
A263A	0.69	14.0	Pn	17:17:22.372	-0.8	T__	2537.9	___ ML	3.3	153799	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A263A	0.69	14.0	Lg	17:17:31.688	0.2	T__		___		153823	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1																			
(Station ML: 3.3 magdef=0																			
KOVH	0.73	80.2	Pg	17:17:22.254	-0.5	T__	1384.1	___ ML	3.0	153809	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.0 magdef=1																			
(Station ML: 3.0 magdef=1																			
KOGS	0.74	310.3	Pg	17:17:22.590	-0.3	T__	1058.1	___ ML	2.9	153797	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.74	310.3	Lg	17:17:33.259	0.6	T__		___		153798	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.9 magdef=1																			
(Station ML: 2.9 magdef=1																			
ZAG	0.77	259.7	Pg	17:17:23.326	0.1	T__	2045.1	___ ML	3.2	153807	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
ZAG	0.77	259.7	Lg	17:17:33.931	-0.1	T__		___		153824	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.2 magdef=1																			
(Station ML: 3.2 magdef=1																			
PTJ	0.77	265.8	Pg	17:17:22.854	-0.7	T__	627.1	___ ML	2.7	153804	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.77	265.8	Lg	17:17:33.259	-1.5	T__		___		153825	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1																			
(Station ML: 2.7 magdef=1																			
BADH	0.88	18.2	Pg	17:17:25.160	-0.4	T__	952.3	___ ML	3.0	153803	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BADH	0.88	18.2	Sn	17:17:37.690	-1.0	T__		___		153826	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1																			
(Station ML: 3.0 magdef=1																			
A262A	0.97	337.4	Pg	17:17:27.475	0.4	T__	765.9	___ ML	2.9	153800	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A262A	0.97	337.4	Sn	17:17:40.986	0.3	T__		___		153827	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1																			
(Station ML: 2.9 magdef=1																			
A261A	0.98	3.0	Pg	17:17:27.493	0.1	T__	968.1	___ ML	3.0	153802	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A261A	0.98	3.0	Sn	17:17:40.895	-0.2	T__		___		153829	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1																			
(Station ML: 3.0 magdef=1																			
A266A	1.00	55.7	Pg	17:17:27.012	-0.7	T__	1943.5	___ ML	3.3	153810	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A266A	1.00	55.7	Lg	17:17:40.777	-0.3	T__		___		153828	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1																			
(Station ML: 3.3 magdef=0																			
TIH	1.09	31.1	Pn	17:17:26.994	-1.6	T__	1417.6	___ ML	3.3	153806	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.3 magdef=1																			
(Station ML: 3.3 magdef=0																			
MORH	1.12	76.8	Pn	17:17:28.628	-0.2	T__	327.2	___ ML	2.6	153815	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	

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MORH  1.12 76.8 Lg      17:17:45.154  0.4      T__          ---          153830      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
CRES  1.14 263.3 Pg     17:17:28.810 -0.7      T__          403.5      --- ML      2.7 153811      FDSN SL      -- BUD  iLoc  BHZ BHZ _
CRES  1.14 263.3 Sn     17:17:44.718 -0.8      T__          ---          153831      FDSN SL      -- BUD  iLoc  BHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
BLY   1.22 176.3 Pg     17:17:31.915  0.6      T__          276.4      --- ML      2.6 153817      FDSN MN      -- BUD  iLoc  HHZ HHZ _
BLY   1.22 176.3 Sn     17:17:48.332  0.9      T__          ---          153832      FDSN MN      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
MPLH  1.24 14.9 Pn      17:17:30.953  0.2      T__          233.5      --- ML      2.6 153805      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MPLH  1.24 14.9 Lg     17:17:49.657  0.7      T__          ---          153833      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
A267A 1.38 44.4 Pn      17:17:32.914  0.4      T__          325.6      --- ML      2.8 153813      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A267A 1.38 44.4 Lg     17:17:53.943  0.4      T__          ---          153834      FDSN Z3      00 BUD  iLoc  HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
HU22A 1.48 75.2 Pn      17:17:33.877  0.2      T__          450.3      --- ML      3.0 153816      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
A272A 1.52 58.7 Lg      17:17:58.479  0.2      T__          ---          153835      FDSN Z3      00 BUD  iLoc  HHN ??? _
ARSA  1.67 320.8 Pn     17:17:36.982  0.0      T__          128.8      --- ML      2.5 153812      FDSN OE      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
RONA  1.81 343.2 Pn     17:17:38.943  0.1      T__          67.1       --- ML      2.3 153814      FDSN OE      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
OBKA  1.83 288.0 Pg     17:17:43.605  2.0      T__          87.7       --- ML      2.5 153836      FDSN OE      -- BUD  iLoc  HHZ HHZ _
OBKA  1.83 288.0 Sn     17:18:03.399  1.0      T__          ---          153837      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
CONA  2.13 337.5 Pn     17:17:43.367 -0.0      T__          130.5      --- ML      2.8 153838      FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  2.13 337.5 Pg     17:17:48.924  0.6      T__          ---          153839      FDSN OE      -- BUD  iLoc  HHZ ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
MODS  2.41 3.3 Pn        17:17:46.937 -0.1      T__          ---          153840      FDSN SK      -- BUD  iLoc  HHZ ??? _
VYHS  2.80 24.8 Pn     17:17:52.513  0.1      T__          39.9       --- ML      2.7 153841      FDSN SK      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/01/19 18:33:36.41  0.90  0.65  47.9257  16.4274  4.3  3.9  7  6.4  17.4  16  11  77  0.24  1.67  ke BUD      18000204      BUD              130

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Magnitude Err Nsta Author      OrigID
ML      1.6 0.5  4 BUD      18000204

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
RONA  0.24 201.4 Pg     18:33:41.349 -0.2      T__          85.7      --- ML      0.9 153920      FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.24 201.4 Lg     18:33:44.999 -0.2      T__          ---          153919      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.9 magdef=1

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(Station ML: 0.9 magdef=1
SOP 0.26 160.0 Lg 18:33:45.884 0.4 T__
CONA 0.38 270.6 Pg 18:33:44.346 0.2 T__ 94.1 --- ML 1.3 153918 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.38 270.6 Lg 18:33:49.794 0.3 T__ --- 153927 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A008A 0.68 310.8 Pg 18:33:49.558 0.0 T__ 120.5 --- ML 2.0 153921 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.68 310.8 Lg 18:33:58.420 -0.5 T__ --- 153928 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 0.72 51.5 Pg 18:33:51.737 0.7 T__ --- 153924 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.72 51.5 Lg 18:34:00.889 -1.1 T__ --- 153929 FDSN SK -- BUD iLoc HHN ??? _
EGYH 0.80 129.4 Lg 18:34:03.295 -0.3 T__ --- 153930 FDSN HU -- BUD iLoc HHN ??? _
ARSA 0.91 222.5 Pn 18:33:55.223 0.1 T__ 86.0 --- ML 1.9 153922 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.91 222.5 Lg 18:34:06.010 0.5 T__ --- 153923 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 1.07 134.7 Sn 18:34:12.211 -0.1 T__ --- 153931 FDSN HU -- BUD iLoc HHN ??? _
KRUC 1.14 358.9 Sn 18:34:13.667 -0.5 T__ --- 153932 FDSN CZ -- BUD iLoc HHE ??? _
TREC 1.51 335.9 Sn 18:34:24.170 1.3 T__ --- 153925 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.67 303.1 Lg 18:34:29.810 -0.7 T__ --- 153933 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/20 00:14:49.97 1.16 0.29 47.8089 16.2164 12.6 5.5 29 9.0f 6 4 143 0.12 1.26 ke BUD 18000210 BUD 211

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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
RONA 0.12 153.7 Pg 00:14:53.272 0.1 T__ 63.2 _d ML 0.4 154071 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 153.7 Lg 00:14:55.216 -0.2 T__ --- 154072 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
SOP 0.26 118.4 Pg 00:14:55.677 0.1 T__ 73.3 --- ML 0.9 154074 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.26 118.4 Lg 00:14:59.206 -0.2 T__ --- 154073 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.27 296.7 Lg 00:14:59.487 -0.2 T__ --- 154075 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.26 5.4 Sn 00:15:30.536 0.3 T__ --- 154076 FDSN CZ -- BUD iLoc HHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/20 01:20:00.43 1.15 0.52 47.7974 16.2379 8.7 5.2 18 9.0f 7 5 113 0.11 1.27 ke BUD 18000212 BUD 180

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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
RONA 0.11 158.0 Pg 01:20:03.299 -0.0 T__ 68.3 _d ML 0.4 154096 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 158.0 Lg 01:20:04.948 -0.5 T__ --- 154097 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
SOP 0.24 117.7 Pg 01:20:05.907 0.2 T__ 107.0 --- ML 1.0 154099 FDSN HU -- BUD iLoc HHZ HHZ _

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SOP 0.24 117.7 Lg 01:20:09.232 -0.1 T\_\_ --- 154098 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1  
 CONA 0.29 297.5 Lg 01:20:10.447 -0.2 T\_\_ --- 154100 FDSN OE -- BUD iLoc HHN ??? \_  
 ARSA 0.73 221.8 Lg 01:20:24.462 0.5 T\_\_ --- 154101 FDSN OE -- BUD iLoc HHE ??? \_  
 KRUC 1.27 4.7 Sn 01:20:40.217 -0.7 T\_\_ --- 154102 FDSN CZ -- BUD iLoc HHE ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/01/20 06:22:48.64 2.65 1.14 47.7746 16.2590 21.9 6.4 161 9.0f 6 4 140 0.08 1.29 ke BUD 18000214 BUD 250

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 RONA 0.08 161.4 Pg 06:22:50.979 -0.2 T\_\_ 107.2 \_d ML 0.6 154121 FDSN OE -- BUD iLoc HHZ HHZ \_  
 RONA 0.08 161.4 Lg 06:22:52.910 -0.1 T\_\_ --- 154122 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.6 magdef=1  
 (Station ML: 0.6 magdef=1  
 SOP 0.22 114.2 Pg 06:22:53.498 0.0 T\_\_ 76.4 \_\_\_ ML 0.8 154124 FDSN HU -- BUD iLoc HHZ HHZ \_  
 SOP 0.22 114.2 Lg 06:22:57.002 0.2 T\_\_ --- 154123 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.8 magdef=1  
 (Station ML: 0.8 magdef=1  
 ARSA 0.72 223.8 Lg 06:23:12.411 0.5 T\_\_ --- 154125 FDSN OE -- BUD iLoc HHE ??? \_  
 KRUC 1.29 4.0 Sn 06:23:27.731 -1.9 T\_\_ --- 154126 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/01/20 07:54:52.73 1.16 0.12 47.8082 16.2190 12.4 5.5 29 9.0f 6 4 142 0.12 1.26 ke BUD 18000216 BUD 210

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 RONA 0.12 154.3 Pg 07:54:55.957 0.1 T\_\_ 72.2 \_d ML 0.5 154145 FDSN OE -- BUD iLoc HHZ HHZ \_  
 RONA 0.12 154.3 Lg 07:54:57.977 -0.2 T\_\_ --- 154146 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.5 magdef=1  
 (Station ML: 0.5 magdef=1  
 SOP 0.26 118.5 Pg 07:54:58.335 0.1 T\_\_ 134.4 \_\_\_ ML 1.2 154148 FDSN HU -- BUD iLoc HHZ HHZ \_  
 SOP 0.26 118.5 Lg 07:55:02.044 -0.1 T\_\_ --- 154147 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 CONA 0.27 296.7 Lg 07:55:02.376 -0.1 T\_\_ --- 154149 FDSN OE -- BUD iLoc HHN ??? \_  
 KRUC 1.26 5.3 Sn 07:55:32.964 0.0 T\_\_ --- 154150 FDSN CZ -- BUD iLoc HHE ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/01/20 08:03:44.60 1.11 0.67 47.3206 18.3171 6.1 5.0 109 0.0f 11 10 106 0.06 1.24 sx BUD 18000218 BUD 125

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 CSKK 0.06 317.9 Pg 08:03:47.044 0.6 T\_\_ 1446.8 \_c ML 1.6 154173 FDSN HU -- BUD iLoc HHZ HHZ \_  
 CSKK 0.06 317.9 Lg 08:03:47.890 -0.5 T\_\_ --- 154174 FDSN HU -- BUD iLoc HHN ??? \_

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=0)

Station	Mag	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU08A	0.29	292.7	Lg		08:03:55.329	-0.9					T__						154177	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU09A	0.32	7.9	Lg		08:03:56.913	-0.5					T__						154178	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.55	254.4	Lg		08:04:03.915	-0.6					T__						154175	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU10A	0.71	41.9	Lg		08:04:10.061	-0.8					T__						154179	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.13	168.4	Lg		08:04:22.992	-0.4					T__						154180	FDSN	HU	--	BUD	iLoc	HHN	???	_
ET1H	1.19	61.4	Sn		08:04:26.158	0.7					T__						154181	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.22	60.1	Sn		08:04:26.347	-0.4					T__						154183	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	1.23	16.4	Sn		08:04:26.972	0.2					T__						154182	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.24	187.0	Sn		08:04:25.872	-0.5					T__						154176	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
2022/01/20	08:06:56.94	1.37	1.13	47.3870	18.3918	10.7	3.9	136	0.0f		13	10	108	0.09	1.19	sx	BUD	18000220	BUD			186

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.7 3 BUD 18000220

Sta	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	255.1	Pg	08:06:59.944	0.5					T__		1249.6			ML	1.7	154232	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.09	255.1	Lg	08:07:00.987	-0.9					T__							154238	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.09	255.1		00:00:00.000						---		279.1				0.0	154232	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
HU09A	0.25	358.5	Lg	08:07:07.172	-0.1					T__							154239	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU08A	0.32	278.1	Pg	08:07:04.687	0.8					T__		98.0			ML	1.2	154233	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU08A	0.32	278.1	Lg	08:07:08.920	-0.7					T__							154240	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	278.1		00:00:00.000						---		86.5				0.0	154233	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																										
MPLH	0.62	249.8	Lg	08:07:17.927	-1.2					T__							154234	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.62	42.5	Lg	08:07:19.285	-1.0					T__							154241	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A338A	0.63	357.6	Lg	08:07:19.292	-1.1					T__							154235	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ET1H	1.12	63.3	Pn	08:07:20.426	1.7					T__		114.2			ML	2.2	154237	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	1.12	63.3	Sn	08:07:34.879	-1.1					T__							154236	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1)																										
PSZ	1.15	61.8	Sn	08:07:36.242	-1.0					T__							154243	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.15	14.9	Lg	08:07:36.361	-0.6					T__							154244	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.19	171.5	Sn	08:07:36.129	-1.2					T__							154242	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	
2022/01/20	08:30:24.25	0.46	0.21	47.3455	18.3844	5.4	4.2	16	0.0A		0.0	7	6	135	0.09	1.27	m	kx	BUD	18000222	BUD		360
2022/01/20	08:30:23.39	1.02	1.55	47.3167	18.3081f				0.0f			7	6	106	0.06	1.24		kx	BUD_GT	18000223	BUD_GT		202

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

Magnitude Err Nsta Author OrigID

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

CSKK	0.06	325.1	Pg	08:30:25.579	0.4	T__	607.9	___	ML	1.2	154266	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	08:30:26.395	-0.8	T__		---			154272	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=0)																			
HU08A	0.29	293.8	Lg	08:30:34.447	-0.4	T__		---			154267	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MPLH	0.54	254.6	Lg	08:30:43.619	0.5	T__		---			154268	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.13	168.1	Lg	08:31:01.111	-1.0	T__		---			154270	FDSN	HU	--	BUD	iLoc	HHE	???	_
ET1H	1.20	61.4	Sn	08:31:00.944	-3.5	T__		---			154269	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	1.24	186.7	Sn	08:31:04.770	-0.3	T__		---			154271	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
2022/01/20	09:54:52.96	0.76	1.34	47.3830	18.4018	3.5	2.6	161	0.0f	37	25	56	0.10	1.82	sx	BUD	18000224	BUD				72

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	12 BUD	18000224

Sta	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	258.4	Pg	09:54:55.582	0.0					T__		10345.0	---	ML	2.6	154330	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	258.4	Lg	09:54:56.666	-1.5					T__			---		154332	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																								
(Station ML: 2.6 magdef=0)																								
HU09A	0.26	357.1	Lg	09:55:02.909	-0.5					T__			---		154333	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	278.6	Pg	09:55:00.269	0.3					T__	279.2		---	ML	1.7	154335	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.33	278.6	Lg	09:55:04.274	-1.6					T__			---		154334	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
BUD	0.43	76.4	Pg	09:55:02.500	0.2					T__	204.3		---	ML	1.8	154338	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	0.43	76.4	Lg	09:55:08.611	-1.1					T__			---		154337	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
A267A	0.44	172.8	Pg	09:55:02.600	0.5					T__	256.0		---	ML	1.9	154336	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
HU10A	0.62	41.8	Pg	09:55:06.772	0.8					T__	335.0		---	ML	2.4	154331	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.62	41.8	Lg	09:55:14.887	-1.3					T__			---		154341	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=1)																								
MPLH	0.62	250.4	Pg	09:55:06.671	0.9					T__	109.0		---	ML	1.9	154340	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.62	250.4	Lg	09:55:13.897	-1.4					T__			---		154339	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
A338A	0.63	357.0	Lg	09:55:15.283	-1.3					T__			---		154342	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
EGYH	0.73	273.1	Pg	09:55:09.306	1.5					T__	415.1		---	ML	2.5	154344	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.73	273.1	Lg	09:55:17.977	-0.8					T__			---		154343	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																								
(Station ML: 2.5 magdef=1)																								
A272A	0.75	148.7	Lg	09:55:18.574	-1.6					T__			---		154345	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
HU01A	0.83	92.2	Lg	09:55:22.108	-1.2					T__			---		154346	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A266A	0.86	186.3	Lg	09:55:22.405	-0.4					T__			---		154347	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A261A	0.96	243.7	Lg	09:55:24.881	-0.6					T__			---		154365	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ET1H	1.11	62.9	Pn	09:55:16.211	1.5					T__	124.8		---	ML	2.2	154349	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.11	62.9	Sn	09:55:30.829	-1.1					T__			---		154348	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PSZ 1.14 61.5 Pn 09:55:16.237 0.9 T__ 147.9 ___ ML 2.3 154352 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.14 61.5 Sn 09:55:31.598 -1.5 T__ ___ 154351 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
VYHS 1.15 14.6 Pn 09:55:17.111 1.7 T__ 66.5 ___ ML 2.0 154356 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.15 14.6 Lg 09:55:31.976 -1.0 T__ ___ 154355 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU22A 1.17 154.4 Sn 09:55:31.773 -1.2 T__ ___ 154350 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.18 171.8 Pg 09:55:17.527 1.1 T__ 81.3 ___ ML 2.1 154354 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.18 171.8 Sn 09:55:31.401 -1.8 T__ ___ 154353 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MODS 1.25 323.1 Pn 09:55:18.434 1.5 T__ ___ 154358 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.25 323.1 Sn 09:55:34.456 -1.2 T__ ___ 154357 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.31 189.2 Sn 09:55:35.141 -1.3 T__ ___ 154359 FDSN HU -- BUD iLoc HHN ??? _
RONA 1.46 283.3 Sn 09:55:40.009 -0.3 T__ ___ 154360 FDSN OE -- BUD iLoc HHN ??? _
JAVC 1.56 341.9 Sn 09:55:43.649 -0.3 T__ ___ 154361 FDSN CZ -- BUD iLoc HHN ??? _
HU02A 1.61 61.9 Pn 09:55:25.168 3.5 T__ 150.2 ___ ML 2.6 154363 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.61 61.9 Sn 09:55:45.154 0.9 T__ ___ 154362 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
CONA 1.80 288.6 Sn 09:55:49.664 0.8 T__ ___ 154364 FDSN OE -- BUD iLoc HHN ??? _
JOS 1.82 51.4 Sn 09:55:50.969 2.0 T__ ___ 154366 FDSN ZJ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/20 11:43:38.13 1.23 0.85 48.7681 20.9496 6.7 5.6 3 0.0f 10 6 111 0.39 0.89 sx BUD 18000228 BUD 211

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD 18000228

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.39 225.1 Pg 11:43:46.440 0.5 T__ 124.6 ___ ML 1.5 154458 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.39 225.1 Lg 11:43:51.550 -0.3 T__ ___ 154463 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.42 227.4 Pg 11:43:47.011 0.4 T__ 105.5 ___ ML 1.5 154457 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.42 227.4 Lg 11:43:52.446 -0.6 T__ ___ 154464 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.51 157.7 Pg 11:43:48.901 0.5 T__ 208.1 ___ ML 2.0 154460 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.51 157.7 Lg 11:43:56.293 -0.8 T__ ___ 154459 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.71 203.8 Pg 11:43:53.416 0.7 T__ 104.2 ___ ML 1.9 154456 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.71 203.8 Lg 11:44:02.356 -1.4 T__ ___ 154461 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 0.78 327.0 Lg 11:44:03.171 -0.8 T__ ___ 154462 FDSN PL -- BUD iLoc BHN ??? _
KOLS 0.89 78.8 Lg 11:44:08.809 -0.6 T__ ___ 154465 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
2022/01/20	19:08:24.32	0.95	0.65	47.8315	16.2676	7.2	3.2	43	0.0f		13	7	123	0.13	1.64	ke	BUD	18000232	BUD			167

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	6 BUD	18000232

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
RONA	0.13	171.6	Pg	19:08:27.292	-0.0					T__		84.0		_d_ ML	0.6	154547	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	171.6	Lg	19:08:28.967	-0.5					T__				---		154550	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.6 magdef=1)								(Station ML: 0.6 magdef=0)												
SOP	0.25	127.0	Pg	19:08:29.910	0.4					T__		91.1		___ ML	0.9	154548	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	127.0	Lg	19:08:32.956	-0.3					T__				---		154551	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.9 magdef=1)								(Station ML: 0.9 magdef=1)												
CONA	0.29	289.7	Pg	19:08:30.311	0.1					T__		156.3		___ ML	1.3	154552	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	289.7	Lg	19:08:33.739	-0.6					T__				---		154546	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.3 magdef=1)								(Station ML: 1.3 magdef=1)												
A008A	0.68	322.7	Pg	19:08:37.777	0.5					T__		110.0		___ ML	1.9	154554	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	322.7	Lg	19:08:46.738	0.1					T__				---		154553	FDSN	Z3	00	BUD	iLoc	HH2	???	_
				(Reading ML: 1.9 magdef=1)								(Station ML: 1.9 magdef=1)												
ARSA	0.77	221.2	Pg	19:08:39.350	0.1					T__		107.8		___ ML	2.0	154555	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	221.2	Lg	19:08:49.508	0.6					T__				---		154556	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.0 magdef=1)								(Station ML: 2.0 magdef=1)												
KRUC	1.23	3.9	Pn	19:08:47.462	-0.8					T__		98.2		___ ML	2.2	154557	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	3.9	Sn	19:09:04.253	-1.4					T__				---		154549	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.2 magdef=1)								(Station ML: 2.2 magdef=0)												
CKRC	1.64	307.8	Sn	19:09:15.748	-0.1					T__				---		154558	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/01/20	21:15:57.61	1.02	0.87	47.8162	16.2655	7.0	3.5	38	1.1		8.8	11	8	71	0.12	1.25	ke	BUD	18000234	BUD			142

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.2	3 BUD	18000234

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
RONA	0.12	169.9	Pg	21:16:00.147	-0.1					T__		123.4		_d_ ML	0.7	154591	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	169.9	Lg	21:16:02.188	-0.0					T__				---		154592	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.7 magdef=1)								(Station ML: 0.7 magdef=1)												
SOP	0.24	123.8	Pg	21:16:02.576	0.1					T__		93.2		___ ML	0.9	154593	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	123.8	Lg	21:16:06.094	0.2					T__				---		154594	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.9 magdef=1)								(Station ML: 0.9 magdef=1)												
CONA	0.29	292.6	Pg	21:16:04.077	0.4					T__		91.5		___ ML	1.1	154596	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

CONA	0.29	292.6	Lg	21:16:07.029	-0.7	T__	---	154595	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)													
				(Station ML: 1.1 magdef=1)													
ARSA	0.76	221.9	Lg	21:16:21.846	0.1	T__	---	154597	FDSN	OE	--	BUD	iLoc	HHN	???	_	
EGYH	0.82	118.6	Lg	21:16:26.138	0.4	T__	---	154599	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	0.88	50.2	Lg	21:16:27.975	-0.4	T__	---	154600	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MPLH	1.08	126.3	Sn	21:16:34.045	-0.7	T__	---	154601	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KRUC	1.25	3.9	Sn	21:16:37.089	-2.0	T__	---	154598	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/21	00:54:48.57	1.49	0.62	48.0258	20.5176	11.2	4.0	132	0.0f		9	5	195	0.10	0.55	ke	BUD	18000238	BUD			296

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	18000238

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.10	2.9	Pg	00:54:51.362	0.2					T__		91.5		_c_	ML	0.5	155074	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.10	2.9	Lg	00:54:53.205	-0.3					T__				---		155076	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.5 magdef=1)																					
				(Station ML: 0.5 magdef=1)																					
PSZ	0.43	255.8	Pg	00:54:58.396	0.3					T__	114.4			___	ML	1.6	155077	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.43	255.8	Lg	00:55:04.621	-0.6					T__				---		155078	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
KECS	0.46	357.3	Pg	00:54:58.414	0.5					T__	62.4			___	ML	1.4	155079	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	357.3	Lg	00:55:04.960	-0.1					T__				---		155081	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
JOS	0.47	1.8	Pg	00:54:58.685	0.6					T__	80.9			___	ML	1.5	155075	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	1.8	Lg	00:55:04.507	-0.9					T__				---		155082	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
ABAH	0.55	60.5	Lg	00:55:08.708	-0.6					T__				---		155080	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
2022/01/21	03:57:29.71	1.19	0.54	47.8410	16.2464	8.4	5.2	23	0.0f		9	6	122	0.15	1.54	ke	BUD	18000240	BUD			162

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.5	3 BUD	18000240

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.15	166.6	Pg	03:57:32.983	0.0					T__		78.8		_d_	ML	0.6	155110	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.15	166.6	Lg	03:57:34.780	-0.5					T__				---		155115	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 0.6 magdef=1)																					
				(Station ML: 0.6 magdef=1)																					
SOP	0.26	126.8	Pg	03:57:35.499	0.2					T__	85.9			___	ML	1.0	155111	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	126.8	Lg	03:57:38.947	-0.2					T__				---		155112	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
CONA	0.27	288.8	Lg	03:57:38.873	-0.3					T__				---		155109	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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ARSA 0.77 219.9 Lg 03:57:54.712 0.5 T__
KRUC 1.23 4.6 Pn 03:57:53.450 -0.1 T__ 76.5 --- ML 2.1 155116 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.23 4.6 Sn 03:58:10.091 -0.8 T__ --- 155114 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
TREC 1.54 341.2 Sn 03:58:18.966 0.6 T__ --- 155117 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/21 08:40:14.12 1.02 1.04 48.4375 17.4418 7.8 3.5 139 0.0f 7 5 153 0.13 1.17 sx BUD 18000242 BUD 220

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.13 239.8 Pg 08:40:17.787 0.5 T__ 155138 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.13 239.8 Lg 08:40:19.000 -1.1 T__ 155140 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.45 19.7 Pg 08:40:24.351 0.7 T__ 125.5 --- ML 1.6 155144 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.45 19.7 Lg 08:40:29.729 -1.3 T__ --- 155141 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
VYHS 0.93 86.0 Lg 08:40:45.667 -0.7 T__ --- 155143 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.93 312.4 Lg 08:40:45.196 -0.6 T__ --- 155142 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.17 244.9 Lg 08:40:52.364 -0.0 T__ --- 155139 FDSN OE -- 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
2022/01/21 09:00:51.67 0.89 1.31 47.3347 18.3851 4.4 3.8 129 0.0f 19 13 109 0.09 1.60 sx BUD 18000244 BUD 110

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Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 6 BUD 18000244

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Sta 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 0.09 288.6 Pg 09:00:54.838 0.7 T__ 2041.5 _c_ ML 1.9 155200 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.09 288.6 Lg 09:00:55.663 -0.9 T__ --- 155207 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU09A 0.30 359.7 Pg 09:00:59.401 1.2 T__ 340.2 --- ML 1.7 155202 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.30 359.7 Lg 09:01:02.518 -1.3 T__ --- 155208 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU08A 0.33 287.3 Lg 09:01:03.200 -1.4 T__ --- 155201 FDSN ZJ 00 BUD iLoc HHN ??? _
A267A 0.39 170.3 Lg 09:01:06.069 -0.6 T__ --- 155209 FDSN Z3 00 BUD iLoc HHN ??? _
MPLH 0.60 254.4 Lg 09:01:12.181 -1.0 T__ --- 155210 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.67 39.8 Pg 09:01:05.986 0.4 T__ 116.8 --- ML 1.9 155212 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.67 39.8 Lg 09:01:14.658 -1.8 T__ --- 155211 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.13 170.9 Lg 09:01:29.772 -0.9 T__ --- 155214 FDSN HU -- BUD iLoc HHN ??? _
ET1H 1.14 61.0 Pn 09:01:15.175 1.3 T__ 75.2 --- ML 2.0 155203 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.14 61.0 Sn 09:01:30.350 -1.0 T__ --- 155213 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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PSZ	1.18	59.7	Pn	09:01:15.588	1.1	T__					80.2	---	ML	2.1	155206	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.18	59.7	Sn	09:01:31.258	-1.4	T__						---			155215	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=0)																							
VYHS	1.20	14.5	Pn	09:01:16.249	1.4	T__					20.2	---	ML	1.5	155205	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.20	14.5	Sn	09:01:31.940	-1.3	T__						---			155204	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=0)																							
KOVH	1.26	189.0	Sn	09:01:33.901	-0.1	T__						---			155217	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.28	324.7	Sn	09:01:33.488	-1.7	T__						---			155216	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	1.60	342.8	Sn	09:01:45.381	1.7	T__						---			155218	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/21	09:09:23.10	1.03	0.19	46.1433	18.3001	10.9	3.7	158	0.0f		5	3	175	0.15	0.38	sx	BUD	18000246	BUD			283

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.15	248.5	Pg	09:09:26.758	-0.0					T__		573.4		---	ML	1.5	155244	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	248.5	Lg	09:09:29.772	0.1					T__				---		155245	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	73.2	Pg	09:09:28.740	0.1					T__		213.9		---	ML	1.3	155247	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	73.2	Lg	09:09:32.869	-0.2					T__				---		155246	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.38	356.3	Lg	09:09:37.577	-0.0					T__				---		155248	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	
2022/01/21	09:12:49.09	0.64	0.23	47.8245	19.1196	10.7	3.6	7	0.0A	0.0	7	5	203	0.07	0.99	m	kx	BUD	18000248	BUD			360
2022/01/21	09:12:47.37	0.97	0.96	47.8327	19.1394f				0.0f		7	5	194	0.08	0.98		kx	BUD_GT	18000249	BUD_GT			258

(locality : Sejce-Vác Hungary)  
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.08	278.8	Pg	09:12:50.192	0.6					T__		587.8		---	ML	1.3	155282	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	09:12:51.121	-0.4					T__				---		155283	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ET1H	0.50	84.3	Lg	09:13:05.340	-0.4					T__				---		155284	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.1	Lg	09:13:05.819	-1.1					T__				---		155285	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.1	Lg	09:13:11.327	-0.5					T__				---		155286	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.2	Pn	09:13:07.977	0.7					T__		64.0		---	ML	1.8	155288	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	09:13:21.274	-1.7					T__				---		155287	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/21	11:06:10.09	1.13	1.11	47.8858	20.1729	8.3	3.0	150	0.0f	17	10	169	0.19	1.54	sx	BUD	18000250	BUD				222

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	7 BUD	18000250

Sta	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	280.0	Pg	11:06:15.274	0.5					T__		573.5		___	ML	1.6	155382	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.19	280.0	Lg	11:06:17.542	-0.9					T__				---		155386	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.20	268.2	Pg	11:06:15.201	0.4					T__		366.0		___	ML	1.4	155383	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.20	268.2	Lg	11:06:18.054	-0.4					T__				---		155387	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.33	44.9	Pg	11:06:18.201	0.8					T__		115.0		___	ML	1.3	155384	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.33	44.9	Lg	11:06:21.786	-1.5					T__				---		155391	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU03A	0.39	272.9	Pg	11:06:19.505	1.1					T__		114.8		___	ML	1.4	155393	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.39	272.9	Lg	11:06:23.822	-0.8					T__				---		155392	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.63	19.2	Pg	11:06:23.549	0.7					T__		69.1		___	ML	1.7	155394	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	19.2	Lg	11:06:31.890	-0.7					T__				---		155388	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.66	21.7	Pg	11:06:24.109	0.8					T__		57.2		___	ML	1.6	155385	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	21.7	Lg	11:06:32.304	-1.1					T__				---		155389	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU01A	0.66	214.8	Lg	11:06:32.905	-1.5					T__				---		155395	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU10A	0.78	267.4	Pg	11:06:27.816	1.7					T__		74.3		___	ML	1.8	155397	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.78	267.4	Lg	11:06:37.035	-1.6					T__				---		155396	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
VYHS	1.08	304.7	Lg	11:06:46.744	-0.9					T__				---		155398	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	1.54	3.1	Sn	11:06:59.582	-0.2					T__				---		155390	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
2022/01/21	11:08:52.51	1.33	1.30	48.5246	20.8248	8.3	5.2	15	0.0f	15	10	156	0.19	1.32	sx	BUD	18000252	BUD				198

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	5 BUD	18000252

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.19	261.5	Pg	11:08:57.164	0.6					T__		304.2		___	ML	1.3	155444	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	261.5	Lg	11:08:59.579	-0.2					T__				---		155445	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KECS	0.23	259.7	Pg	11:08:57.594	0.3					T__		1070.8		___	ML	2.0	155442	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	259.7	Lg	11:09:00.713	-0.3					T__				---		155443	FDSN	SK	--	BUD	iLoc	EHN	???	_	

(Reading ML: 2.0 magdef=1)		(Station ML: 2.0 magdef=0)																							
ABAH	0.36	129.4	Lg	11:09:05.848	-0.5	T__																			
HU02A	0.45	206.5	Pg	11:09:02.999	0.9	T__	62.1	---	ML	1.3	155441	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_						
HU02A	0.45	206.5	Lg	11:09:08.780	-0.6	T__		---			155447	FDSN	ZJ	00	BUD	iLoc	HHN	???	_						
(Reading ML: 1.3 magdef=1)		(Station ML: 1.3 magdef=1)																							
PSZ	0.87	226.1	Pn	11:09:12.439	1.4	T__	95.2	---	ML	2.0	155439	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_						
PSZ	0.87	226.1	Lg	11:09:22.829	-1.1	T__		---			155448	FDSN	GE	--	BUD	iLoc	HHN	???	_						
(Reading ML: 2.0 magdef=1)		(Station ML: 2.0 magdef=1)																							
ET1H	0.91	225.0	Pn	11:09:12.073	0.7	T__	71.0	---	ML	1.9	155440	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_						
ET1H	0.91	225.0	Lg	11:09:23.487	-1.3	T__		---			155449	FDSN	HU	--	BUD	iLoc	HHN	???	_						
(Reading ML: 1.9 magdef=1)		(Station ML: 1.9 magdef=1)																							
HU03A	1.03	233.3	Lg	11:09:27.221	-1.6	T__		---			155451	FDSN	ZJ	00	BUD	iLoc	HHN	???	_						
KOLS	1.04	66.4	Lg	11:09:26.470	-2.2	T__		---			155450	FDSN	SK	--	BUD	iLoc	HHN	???	_						
TRPA	1.21	108.4	Sn	11:09:33.167	-1.0	T__		---			155452	FDSN	HU	--	BUD	iLoc	HHN	???	_						
VYHS	1.32	269.4	Sn	11:09:34.963	-2.1	T__		---			155453	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
2022/01/21	11:32:19.75	1.58	1.77	47.5589	18.4824	13.8	4.0	97	0.0f		5	3	203	0.10	0.97	sx	BUD	18000254	BUD			305

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	319.7	Pg	11:32:23.195	0.8					T__		1326.9			ML	1.7	155477	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	319.7	Lg	11:32:24.010	-0.9					T__						155479	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)		(Station ML: 1.7 magdef=1)																							
CSKK	0.25	217.6	Pg	11:32:25.993	0.8					T__		135.6			ML	1.1	155478	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	11:32:28.392	-1.6					T__						155480	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)		(Station ML: 1.1 magdef=1)																							
VYHS	0.97	14.1	Lg	11:32:52.228	-1.3					T__						155481	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	
2022/01/21	18:19:27.26	2.31	0.63	46.0672	18.8553	19.4	5.2	169	10.0f		5	3	236	0.21	0.53	ke	BUD	18000256	BUD				317

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MORH	0.21	315.2	Pg	18:19:32.255	0.3					T__		31.5			_c_ ML	0.4	155580	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.21	315.2	Lg	18:19:35.402	-0.2					T__						155581	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)		(Station ML: 0.4 magdef=1)																							
HU22A	0.32	36.2	Pg	18:19:34.332	0.3					T__		138.7			ML	1.3	155582	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.32	36.2	Lg	18:19:39.161	-0.5					T__						155583	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)		(Station ML: 1.3 magdef=1)																							

KOVH 0.53 272.6 Lg 18:19:44.826 -0.6 T\_\_ --- 155584 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
2022/01/22	03:41:50.24	2.22	0.59	47.7841	16.2433	16.6	10.0	151	9.0f		6	3	207	0.09	1.28	ke	BUD	18000258	BUD			318

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.7	3 BUD	18000258

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.09	157.0	Pg	03:41:53.145	0.2					T__		64.4		---	ML	0.4	155621	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	157.0	Lg	03:41:54.475	-0.4					T__				---		155622	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
SOP	0.24	115.3	Pg	03:41:55.421	0.1					T__		73.3		---	ML	0.8	155623	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	115.3	Lg	03:41:58.849	0.0					T__				---		155624	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KRUC	1.28	4.5	Pn	03:42:13.401	-0.3					T__		47.1		---	ML	1.9	155626	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.28	4.5	Sn	03:42:30.179	-0.8					T__				---		155625	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/22	07:54:32.71	2.30	0.82	47.8272	16.2125	15.6	11.7	146	9.0f		6	3	209	0.14	1.24	ke	BUD	18000262	BUD			325

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	3 BUD	18000262

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	156.1	Pg	07:54:36.450	0.3					T__		256.6		---	ML	1.1	155695	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	156.1	Lg	07:54:38.189	-0.4					T__				---		155696	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
SOP	0.27	121.5	Pg	07:54:38.803	0.3					T__		84.7		---	ML	1.0	155698	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	121.5	Lg	07:54:42.230	-0.3					T__				---		155697	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KRUC	1.24	5.6	Pn	07:54:54.455	-1.2					T__		38.0		---	ML	1.8	155699	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.24	5.6	Sn	07:55:12.920	0.4					T__				---		155700	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/22	09:09:21.34	2.61	0.93	47.7856	16.2593	45.0	6.9	47	11.0f		4	3	159	0.09	1.28	ke	BUD	18000264	BUD			294

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.09	163.8	Pg	09:09:24.389	0.1					T__		83.2		---	ML	0.5	155733	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

```

RONA 0.09 163.8 Lg 09:09:26.128 -0.2 T__ --- 155734 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
CONA 0.30 298.2 Lg 09:09:32.215 -0.1 T__ --- 155735 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.28 4.0 Sn 09:10:00.808 -0.9 T__ --- 155736 FDSN CZ -- BUD iLoc HHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/22 09:15:26.17 1.17 1.08 47.8389 16.3150 7.8 4.0 34 0.0f 8 5 130 0.14 1.23 sx BUD 18000266 BUD 206

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Magnitude Err Nsta Author OrigID
ML 0.7 0.1 3 BUD 18000266

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.14 185.2 Pg 09:15:29.382 0.1 T__ 99.6 --- ML 0.7 155761 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.14 185.2 Lg 09:15:31.097 -0.5 T__ --- 155756 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.23 133.4 Pg 09:15:31.403 0.4 T__ 65.8 --- ML 0.7 155757 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 133.4 Lg 09:15:33.766 -0.7 T__ --- 155762 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.32 286.5 Pg 09:15:32.932 0.3 T__ 40.8 --- ML 0.8 155758 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.32 286.5 Lg 09:15:36.399 -0.7 T__ --- 155759 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
ARSA 0.80 222.6 Lg 09:15:52.283 0.7 T__ --- 155763 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.23 2.5 Sn 09:16:05.354 -2.0 T__ --- 155760 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/22 09:21:35.45 2.21 1.29 47.8448 16.3089 17.6 7.4 52 11.0f 5 4 180 0.15 1.22 ke BUD 18000268 BUD 257

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.15 183.4 Pg 09:21:39.427 0.2 T__ 78.2 --- ML 0.6 155782 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.15 183.4 Lg 09:21:41.089 -0.7 T__ --- 155783 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
CONA 0.31 285.7 Lg 09:21:46.230 -0.4 T__ --- 155784 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.80 222.1 Lg 09:22:01.447 0.3 T__ --- 155785 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.22 2.7 Sn 09:22:15.872 1.6 T__ --- 155786 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/22 09:55:25.83 1.01 0.87 46.1385 18.2972 10.9 3.5 160 0.0f 6 4 177 0.15 0.61 sx BUD 18000270 BUD 284

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KOVH 0.15 250.0 Pg 09:55:29.798 0.4 T__ 336.5 --- ML 1.2 155803 FDSN HU -- BUD iLoc HHZ HHZ _

```

KOVH	0.15	250.0	Lg	09:55:31.573	-0.8	T__								155806	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																							
(Station ML: 1.2 magdef=1)																							
MORH	0.25	72.3	Pg	09:55:31.865	0.4	T__					155.2		ML	1.2	155804	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	72.3	Lg	09:55:35.707	-0.2	T__								155805	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																							
(Station ML: 1.2 magdef=1)																							
A266A	0.39	356.7	Lg	09:55:40.207	-0.3	T__								155807	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU22A	0.61	71.6	Lg	09:55:47.524	-1.1	T__								155808	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/22	09:59:42.88	0.95	0.65	47.8541	16.2732	5.9	3.7	22	3.8	21.8	12	7	79	0.16	1.63	ke	BUD	18000272	BUD			127

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.5	5 BUD	18000272

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.16	174.2	Pg	09:59:46.460	0.2					T__		279.4		_c_	ML	1.2	155838	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.16	174.2	Lg	09:59:48.061	-0.7					T__						155839	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
SOP	0.26	131.5	Pg	09:59:48.805	0.6					T__		70.5		___	ML	0.9	155840	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	131.5	Lg	09:59:52.025	0.2					T__						155841	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
CONA	0.29	285.2	Pg	09:59:49.094	0.3					T__		40.1		___	ML	0.7	155836	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	285.2	Lg	09:59:53.228	0.4					T__						155837	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
ARSA	0.79	220.4	Pg	09:59:57.557	-0.6					T__		46.5		___	ML	1.6	155843	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.79	220.4	Lg	10:00:07.910	-0.2					T__						155842	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MODS	0.85	51.9	Lg	10:00:11.384	-1.3					T__						155844	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	3.8	Pn	10:00:06.327	0.3					T__		46.7		___	ML	1.8	155846	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	3.8	Sn	10:00:23.083	0.2					T__						155845	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
CKRC	1.63	307.1	Lg	10:00:35.393	-0.2					T__						155847	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/22	10:24:20.60	1.07	0.36	47.8393	16.2446	8.3	3.7	30	3.0	26.8	10	5	121	0.14	1.23	ke	BUD	18000274	BUD			197

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	5 BUD	18000274

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	166.0	Pg	10:24:23.880	0.1					T__		411.7		___	ML	1.3	155879	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	166.0	Lg	10:24:25.696	-0.4					T__						155880	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									

```

(Station ML: 1.3 magdef=1
SOP 0.26 126.3 Pg 10:24:26.181 0.2 T__ 90.2 ___ ML 1.0 155882 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.26 126.3 Lg 10:24:29.557 -0.2 T__ ___ 155881 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA 0.27 289.2 Pg 10:24:26.233 -0.0 T__ 64.2 ___ ML 0.9 155883 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 289.2 Lg 10:24:30.171 0.1 T__ ___ 155884 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
ARSA 0.77 219.9 Pg 10:24:35.158 -0.3 T__ 45.7 ___ ML 1.6 155886 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.77 219.9 Lg 10:24:45.542 0.5 T__ ___ 155885 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KRUC 1.23 4.6 Pn 10:24:43.752 -0.3 T__ 42.8 ___ ML 1.8 155887 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.23 4.6 Sn 10:25:00.785 -0.4 T__ ___ 155888 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/22 11:04:53.13 0.95 0.45 47.7787 16.2435 11.2 3.8 33 11.0f 8 4 144 0.09 1.29 ke BUD 18000278 BUD 208

```

```

Magnitude Err Nsta Author OrigID
ML 0.7 0.0 4 BUD 18000278

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.09 155.7 Pg 11:04:56.155 0.1 T__ 140.6 ___ ML 0.7 155946 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.09 155.7 Lg 11:04:57.843 -0.3 T__ ___ 155947 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.23 114.1 Pg 11:04:58.380 0.1 T__ 56.3 ___ ML 0.7 155950 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 114.1 Lg 11:05:01.858 0.0 T__ ___ 155951 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.30 300.3 Pg 11:04:59.735 0.2 T__ 41.7 ___ ML 0.7 155949 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 300.3 Lg 11:05:03.648 -0.3 T__ ___ 155948 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
KRUC 1.29 4.4 Pn 11:05:16.180 -0.3 T__ 45.1 ___ ML 1.9 155953 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.29 4.4 Sn 11:05:32.804 -0.9 T__ ___ 155952 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/22 13:38:11.03 1.07 1.02 47.8186 16.2752 7.4 3.7 34 0.0f 8 5 121 0.12 1.25 ke BUD 18000284 BUD 193

```

```

Magnitude Err Nsta Author OrigID
ML 0.7 0.1 3 BUD 18000284

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.12 173.2 Pg 13:38:13.708 -0.1 T__ 99.1 ___ ML 0.6 156053 FDSN OE -- BUD iLoc HHZ HHZ _

```

RONA	0.12	173.2	Lg	13:38:15.498	-0.3	T__									156054	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																							
(Station ML: 0.6 magdef=1)																							
SOP	0.23	125.2	Pg	13:38:16.138	0.1	T__				59.9		---	ML	0.7	156056	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	125.2	Lg	13:38:19.488	-0.1	T__						---			156055	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																							
(Station ML: 0.7 magdef=1)																							
CONA	0.30	291.7	Pg	13:38:17.007	-0.1	T__				42.9		---	ML	0.8	156057	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	291.7	Lg	13:38:21.585	0.2	T__						---			156058	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.8 magdef=1)																							
(Station ML: 0.8 magdef=1)																							
ARSA	0.76	222.1	Lg	13:38:35.907	0.5	T__						---			156059	FDSN	OE	--	BUD	iLoc	HHE	???	_
KRUC	1.25	3.6	Sn	13:38:50.511	-2.2	T__						---			156060	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/22	13:43:18.12	1.04	0.39	47.7687	16.2217	13.7	5.5	29	11.0f		7	4	159	0.09	1.30	ke	BUD	18000286	BUD			221

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.2	3 BUD	18000286

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.09	143.9	Pg	13:43:21.078	0.1					T__		88.0		---	ML	0.5	156083	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	143.9	Lg	13:43:22.919	-0.1					T__				---		156084	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
SOP	0.24	110.5	Pg	13:43:23.584	0.1					T__		46.0		---	ML	0.6	156086	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	110.5	Lg	13:43:26.985	-0.2					T__				---		156085	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
CONA	0.29	303.5	Lg	13:43:28.622	-0.1					T__				---		156087	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.30	5.0	Pn	13:43:41.461	-0.1					T__		44.0		---	ML	1.9	156089	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.30	5.0	Sn	13:43:58.213	-0.7					T__				---		156088	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/22	13:59:02.69	2.26	0.46	47.8003	16.2284	16.1	10.8	150	9.0f		6	3	209	0.11	1.27	ke	BUD	18000288	BUD			322

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.5	3 BUD	18000288

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	155.5	Pg	13:59:05.785	0.1					T__		67.1		---	ML	0.4	156111	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	155.5	Lg	13:59:07.728	-0.1					T__				---		156112	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
SOP	0.25	117.6	Pg	13:59:08.265	0.2					T__		56.5		---	ML	0.8	156114	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	117.6	Lg	13:59:11.514	-0.3					T__				---		156113	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									



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KRUC 1.27 5.0 Pn 13:59:25.606 -0.4 T__ 39.5 ___ ML 1.8 156115 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.27 5.0 Sn 13:59:42.485 -0.6 T__ ___ 156116 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/22 14:30:11.98 1.05 0.83 47.8299 16.2713 7.5 3.7 34 0.0f 9 5 123 0.13 1.24 ke BUD 18000290 BUD 197

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```

Magnitude Err Nsta Author OrigID
ML 0.8 0.1 4 BUD 18000290

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.13 172.6 Pg 14:30:14.890 -0.0 T__ 118.4 ___ ML 0.7 156142 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.13 172.6 Lg 14:30:16.731 -0.4 T__ ___ 156143 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.24 127.0 Pg 14:30:17.370 0.2 T__ 65.9 ___ ML 0.8 156145 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 127.0 Lg 14:30:20.695 -0.1 T__ ___ 156144 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.29 289.8 Pg 14:30:17.959 -0.0 T__ 34.4 ___ ML 0.7 156146 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 289.8 Lg 14:30:22.153 0.1 T__ ___ 156147 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
ARSA 0.77 221.4 Lg 14:30:37.217 0.6 T__ ___ 156148 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.24 3.8 Pn 14:30:34.966 -1.0 T__ 33.7 ___ ML 1.7 156150 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.24 3.8 Sn 14:30:51.795 -1.6 T__ ___ 156149 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/22 16:53:18.15 1.06 1.12 47.8134 16.2815 7.1 3.7 34 0.0f 8 5 121 0.11 1.25 ke BUD 18000292 BUD 192

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Magnitude Err Nsta Author OrigID
ML 0.7 0.1 3 BUD 18000292

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 175.0 Pg 16:53:20.631 -0.1 T__ 151.6 ___ ML 0.8 156176 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 175.0 Lg 16:53:22.524 -0.2 T__ ___ 156177 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
SOP 0.23 124.8 Pg 16:53:23.086 0.1 T__ 47.5 ___ ML 0.6 156179 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 124.8 Lg 16:53:26.488 0.0 T__ ___ 156178 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CONA 0.31 292.3 Pg 16:53:24.237 -0.1 T__ 37.3 ___ ML 0.7 156181 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.31 292.3 Lg 16:53:28.841 0.2 T__ ___ 156180 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
ARSA 0.76 222.7 Lg 16:53:43.163 0.7 T__ ___ 156182 FDSN OE -- BUD iLoc HHE ??? _

```

KRUC	1.25	3.4	Sn	16:53:57.562	-2.4				T__						156183	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/01/22	17:50:23.77	1.15	0.42	47.7903	16.2453	7.5	4.2	28	12.5	7.7	10	5	112	0.10	1.28	ke	BUD	18000296	BUD				178		
Magnitude	Err	Nsta	Author	OrigID																					
ML	0.8	0.1	5	BUD	18000296																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.10	159.2	Pg	17:50:27.092	0.1					T__		149.9			ML	0.7	156249	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	159.2	Lg	17:50:28.831	-0.4					T__						156250	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=1)																					
SOP	0.24	116.7	Pg	17:50:29.240	0.1					T__		59.0			ML	0.7	156252	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	116.7	Lg	17:50:32.667	-0.1					T__						156251	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=0)																					
CONA	0.29	298.3	Pg	17:50:30.365	0.2					T__		49.7			ML	0.8	156253	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	298.3	Lg	17:50:34.150	-0.4					T__						156254	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
ARSA	0.73	222.5	Pg	17:50:37.578	-0.4					T__		43.5			ML	1.5	156256	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.73	222.5	Lg	17:50:47.961	0.6					T__						156255	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
KRUC	1.28	4.4	Pn	17:50:46.938	0.2					T__		37.4			ML	1.8	156257	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.28	4.4	Sn	17:51:03.818	0.1					T__						156258	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=0)																					
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/01/22	18:41:14.49	1.17	0.84	46.0834	21.5847	18.3	4.5	93	15.0f		7	4	198	0.19	1.08	ke	BUD	18000298	BUD					246	
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.0	0.2	3	BUD	18000298																				
Sta	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	0.19	15.8	Pg	18:41:19.511	0.1					T__		94.8			ML	0.8	156285	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.19	15.8	Lg	18:41:22.366	-0.6					T__						156286	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
BZS	0.47	177.2	Pg	18:41:24.099	0.2					T__		23.6		_c_	ML	1.0	156288	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.47	177.2	Lg	18:41:30.165	-0.5					T__						156287	FDSN	RO	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
DRGR	1.05	47.3	Pn	18:41:35.263	1.4					T__		34.3			ML	1.6	156289	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.05	47.3	Sn	18:41:48.619	-0.4					T__						156290	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
GZR	1.08	129.2	Lg	18:41:49.486	-0.3					T__						156291	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/22	21:54:20.36	1.06	0.48	47.8255	16.2673	9.1	3.8	30	3.3	27.1	9	5	121	0.13	1.24	ke	BUD	18000300	BUD			195

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.3	4 BUD	18000300

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.13	171.1	Pg	21:54:23.324	0.1					T__		41.3		___	ML	0.3	156317	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	171.1	Lg	21:54:25.063	-0.3					T__				---		156318	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
SOP	0.24	125.8	Pg	21:54:25.575	0.2					T__		49.8		___	ML	0.7	156320	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	125.8	Lg	21:54:28.644	-0.2					T__				---		156319	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
CONA	0.29	290.8	Pg	21:54:26.496	0.1					T__		37.3		___	ML	0.7	156321	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	290.8	Lg	21:54:30.306	-0.2					T__				---		156322	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
ARSA	0.76	221.5	Lg	21:54:44.961	0.2					T__				---		156323	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.24	3.9	Pn	21:54:43.427	-0.5					T__		35.5		---	ML	1.7	156325	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.24	3.9	Sn	21:55:00.358	-0.8					T__				---		156324	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/22	23:24:27.11	3.21	0.59	47.7921	16.2290	23.4	10.8	152	9.0f		5	3	211	0.10	1.28	ke	BUD	18000302	BUD			322

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.10	153.8	Pg	23:24:30.015	0.0					T__		44.5		___	ML	0.2	156347	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	153.8	Lg	23:24:32.010	-0.0					T__				---		156348	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									
SOP	0.25	116.0	Pg	23:24:32.496	0.1					T__		49.4		___	ML	0.7	156350	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	116.0	Lg	23:24:35.948	-0.1					T__				---		156349	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KRUC	1.28	4.9	Sn	23:25:06.895	-0.8					T__				---		156351	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/23	00:05:54.05	0.97	0.21	47.8035	16.2260	11.6	4.2	49	9.0f		6	4	152	0.11	0.68	ke	BUD	18000304	BUD			189

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.1	3 BUD	18000304

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

RONA	0.11	155.4	Pg	00:05:57.216	0.1	T__	79.1	___	ML	0.5	156372	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	155.4	Lg	00:05:59.137	-0.2	T__		---			156373	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1)																			
(Station ML: 0.5 magdef=1)																			
SOP	0.25	118.1	Pg	00:05:59.532	0.0	T__	39.6	___	ML	0.6	156374	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.6 magdef=1)																			
(Station ML: 0.6 magdef=1)																			
CONA	0.28	297.1	Lg	00:06:03.756	-0.2	T__		---			156371	FDSN	OE	--	BUD	iLoc	HHN	???	_
A008A	0.68	326.0	Pg	00:06:07.413	0.2	T__	52.1	---	ML	1.6	156375	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	326.0	Lg	00:06:16.541	-0.1	T__		---			156376	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/23	03:45:16.50	0.91	0.52	47.8221	16.2631	5.1	3.6	41	9.0f		11	8	70	0.12	1.24	ke	BUD	18000306	BUD			121

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.0	3 BUD	18000306

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	169.6	Pg	03:45:19.719	0.0					T__		78.1		_d	ML	0.5	156403	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	169.6	Lg	03:45:21.402	-0.6					T__				---		156406	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
SOP	0.24	124.8	Pg	03:45:22.079	0.4					T__		37.8		___	ML	0.6	156405	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	124.8	Lg	03:45:25.628	0.3					T__				---		156407	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
CONA	0.29	291.6	Lg	03:45:26.496	-0.4					T__				---		156408	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A008A	0.68	323.4	Pg	03:45:29.945	0.3					T__		56.4		---	ML	1.6	156404	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	323.4	Lg	03:45:39.384	0.3					T__				---		156409	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ARSA	0.76	221.5	Lg	03:45:40.973	0.0					T__				---		156410	FDSN	OE	--	BUD	iLoc	HHN	???	_	
EGYH	0.83	118.9	Lg	03:45:44.745	-0.1					T__				---		156411	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	0.88	50.6	Lg	03:45:46.173	-1.0					T__				---		156412	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.24	4.0	Sn	03:45:56.677	0.3					T__				---		156413	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/23	04:17:28.91	1.04	0.37	47.8141	16.2509	7.7	3.6	34	9.0f		9	6	117	0.12	1.25	ke	BUD	18000308	BUD			188

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.3	3 BUD	18000308

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	165.0	Pg	04:17:31.884	-0.1					T__		53.2		_d	ML	0.4	156439	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	165.0	Lg	04:17:33.749	-0.5					T__				---		156442	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
SOP	0.25	122.1	Pg	04:17:34.326	0.2					T__		58.8		___	ML	0.8	156440	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

SOP	0.25	122.1	Lg	04:17:37.728	-0.1	T__									156441	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 0.8 magdef=1)																							
	(Station ML: 0.8 magdef=1)																							
CONA	0.29	293.7	Pg	04:17:34.957	-0.0	T__					68.3			ML	0.9	156443	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	293.7	Lg	04:17:39.054	-0.1	T__										156438	FDSN	OE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 0.9 magdef=1)																							
	(Station ML: 0.9 magdef=1)																							
ARSA	0.75	221.4	Lg	04:17:53.586	0.6	T__										156444	FDSN	OE	--	BUD	iLoc	HHN	???	_
A262A	0.97	168.7	Lg	04:18:00.740	0.3	T__										156445	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KRUC	1.25	4.3	Sn	04:18:09.110	0.2	T__										156446	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/23	17:14:29.51	1.12	0.43	47.8284	16.2691	5.7	3.8	29	8.0	16.0	13	7	75	0.13	1.24	ke	BUD	18000310	BUD			122

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	6 BUD	18000310

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
RONA	0.13	171.9	Pg	17:14:32.643	-0.1					T__		71.2			_d	ML	0.5	156532	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	171.9	Lg	17:14:34.646	-0.4					T__						156531	FDSN	OE	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 0.5 magdef=1)																									
	(Station ML: 0.5 magdef=0)																									
SOP	0.24	126.5	Pg	17:14:35.048	0.4					T__		95.8			_	ML	1.0	156530	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	126.5	Lg	17:14:38.597	0.3					T__						156538	FDSN	HU	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 1.0 magdef=1)																									
	(Station ML: 1.0 magdef=1)																									
CONA	0.29	290.2	Pg	17:14:35.853	0.2					T__		128.5			_	ML	1.2	156540	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	290.2	Lg	17:14:39.567	-0.3					T__						156539	FDSN	OE	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 1.2 magdef=1)																									
	(Station ML: 1.2 magdef=1)																									
A008A	0.68	322.8	Pg	17:14:42.823	0.2					T__		104.0			_	ML	1.9	156534	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	322.8	Lg	17:14:52.280	0.3					T__						156533	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
	(Reading ML: 1.9 magdef=1)																									
	(Station ML: 1.9 magdef=1)																									
ARSA	0.77	221.4	Pg	17:14:44.094	-0.4					T__		70.8			_	ML	1.8	156535	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	221.4	Lg	17:14:54.100	-0.0					T__						156541	FDSN	OE	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 1.8 magdef=1)																									
	(Station ML: 1.8 magdef=1)																									
MODS	0.87	50.7	Lg	17:14:59.166	-0.8					T__						156542	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	1.24	3.8	Pn	17:14:52.783	0.3					T__		84.5			_	ML	2.1	156537	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.24	3.8	Sn	17:15:09.740	0.4					T__						156536	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 2.1 magdef=1)																									
	(Station ML: 2.1 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/23	18:19:28.06	1.26	0.95	45.9222	17.0246	8.2	4.0	9	8.3	12.1	19	11	175	0.30	1.30	ke	BUD	18000314	BUD			188

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	8 BUD	18000314

Sta	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	0.30	37.8	Pg	18:19:33.297	-1.2					T__		328.6		---	ML	1.7	156698	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.30	37.8	Lg	18:19:41.053	2.3					T__				---		156697	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
A273A	0.55	90.3	Pg	18:19:38.762	-0.5					T__		197.0		---	ML	2.1	156690	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.55	90.3	Lg	18:19:48.329	1.8					T__				---		156689	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BEHE	0.57	342.6	Pg	18:19:39.736	0.0					T__		197.3		---	ML	2.1	156700	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.57	342.6	Lg	18:19:47.492	0.0					T__				---		156699	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A265A	0.73	46.6	Pg	18:19:41.579	-1.0					T__		221.8		---	ML	2.3	156691	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.73	46.6	Lg	18:19:52.243	-0.2					T__				---		156692	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
PTJ	0.74	269.2	Lg	18:19:52.614	-0.7					T__				---		156701	FDSN	CR	--	BUD	iLoc	BHN	???	_	
KOGS	0.75	314.6	Pg	18:19:42.768	0.1					T__		83.3		---	ML	1.8	156694	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.75	314.6	Lg	18:19:52.646	0.0					T__				---		156695	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOVH	0.77	77.1	Pg	18:19:43.335	0.1					T__		127.5		---	ML	2.0	156687	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.77	77.1	Lg	18:19:54.219	0.8					T__				---		156688	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A262A	1.00	340.1	Sn	18:20:01.467	0.2					T__				---		156702	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CRES	1.10	265.5	Pg	18:19:48.942	0.3					T__		77.0		---	ML	2.0	156696	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.10	265.5	Sn	18:20:04.321	-0.1					T__				---		156703	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	1.16	74.9	Pn	18:19:48.283	-0.9					T__		69.1		---	ML	2.0	156693	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.16	74.9	Lg	18:20:05.071	-0.8					T__				---		156704	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MPLH	1.30	15.7	Lg	18:20:10.175	-0.2					T__				---		156705	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  
 2022/01/23 20:14:41.10 1.06 0.81 47.8167 16.2629 9.2 3.8 29 3.7 25.5 9 5 119 0.12 1.25 ke BUD 18000316 BUD 191

Magnitude Err Nsta Author OrigID  
 ML 1.0 0.2 4 BUD 18000316

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	169.1	Pg	20:14:43.774	-0.1					T__		167.3		---	ML	0.9	156742	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	169.1	Lg	20:14:45.722	-0.1					T__				---		156743	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
SOP	0.24	123.7	Pg	20:14:46.170	0.1					T__		82.4		---	ML	0.9	156744	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	123.7	Lg	20:14:49.664	0.1					T__				---		156747	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									

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CONA 0.29 292.6 Pg 20:14:47.451 0.3 T__ 104.0 --- ML 1.1 156741 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 292.6 Lg 20:14:50.634 -0.6 T__ --- 156748 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ARSA 0.76 221.8 Lg 20:15:05.636 0.4 T__ --- 156749 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.25 4.0 Pn 20:15:03.800 -1.0 T__ 57.8 --- ML 2.0 156746 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.25 4.0 Sn 20:15:20.739 -1.3 T__ --- 156745 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/23 20:27:06.50 0.94 0.61 47.7972 16.2243 10.3 3.8 43 9.0f 8 5 144 0.11 1.27 ke BUD 18000318 BUD 181

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Magnitude Err Nsta Author OrigID
ML 0.9 0.4 3 BUD 18000318

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 153.5 Pg 20:27:09.685 0.2 T__ 112.3 --- ML 0.7 156775 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 153.5 Lg 20:27:11.661 0.1 T__ --- 156776 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.25 116.7 Pg 20:27:11.857 -0.0 T__ 82.1 --- ML 0.9 156780 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.25 116.7 Lg 20:27:15.470 -0.2 T__ --- 156779 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.28 298.4 Lg 20:27:15.512 -1.0 T__ --- 156777 FDSN OE -- BUD iLoc HHE ??? _
A008A 0.69 326.4 Pg 20:27:20.579 0.8 T__ 90.4 --- ML 1.8 156782 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 326.4 Lg 20:27:29.039 -0.2 T__ --- 156781 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KRUC 1.27 5.1 Sn 20:27:46.646 -0.3 T__ --- 156778 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/24 05:53:01.76 1.12 0.12 47.7812 16.2311 13.1 5.6 27 11.0f 5 3 173 0.09 0.29 ke BUD 18000320 BUD 322

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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
RONA 0.09 151.6 Pg 05:53:04.792 0.1 T__ 79.3 --- ML 0.5 156803 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.09 151.6 Lg 05:53:06.722 -0.1 T__ --- 156804 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
SOP 0.24 113.8 Pg 05:53:07.115 0.0 T__ 82.7 --- ML 0.9 156806 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 113.8 Lg 05:53:10.701 -0.0 T__ --- 156805 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.29 300.7 Lg 05:53:12.219 -0.1 T__ --- 156802 FDSN OE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

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2022/01/24 06:35:54.13 1.19 1.01 47.8181 16.2891 8.0 3.9 25 3.9 27.6 9 5 123 0.12 1.25 ke BUD 18000322 BUD 195

Magnitude Err Nsta Author OrigID  
ML 1.0 0.3 4 BUD 18000322

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.12	177.6	Pg	06:35:56.972	0.1					T__		197.2		___	ML	0.9 156830	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	177.6	Lg	06:35:58.975	0.1					T__				___		156831	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								
SOP	0.23	126.5	Pg	06:35:59.323	0.5					T__		65.7		___	ML	0.7 156832	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	126.5	Lg	06:36:01.097	-1.0					T__				___		156838	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																								
CONA	0.31	291.1	Pg	06:36:00.804	0.3					T__		89.3		___	ML	1.1 156834	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	291.1	Lg	06:36:04.207	-0.6					T__				___		156833	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																								
ARSA	0.77	222.7	Pg	06:36:08.432	-0.6					T__		97.6		___	ML	1.9 156836	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	222.7	Lg	06:36:19.408	0.7					T__				___		156835	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
KRUC	1.25	3.2	Sn	06:36:33.420	-1.6					T__				___		156837	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/24	08:07:32.11	0.51	0.20	48.0673	20.6922	6.4	3.6	149	0.0A	0.0	11	6	193	0.12	0.58	m	kx BUD	18000324	BUD			360
2022/01/24	08:07:30.45	0.92	0.95	48.0471	20.6805f				0.0f		11	6	196	0.13	0.57		kx BUD_GT	18000325	BUD_GT			264
(locality : Miskolc-Mexikóvölgy Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 5 BUD 18000325

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU02A	0.13	305.8	Pg	08:07:34.079	0.4					T__		294.2		___	ML	1.1 156869	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	08:07:35.707	-0.8					T__				___		156873	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																								
ABAH	0.45	56.1	Pg	08:07:40.408	0.7					T__		133.3		___	ML	1.7 156872	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	08:07:45.841	-1.7					T__				___		156874	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
KECS	0.46	343.5	Pg	08:07:40.609	0.9					T__		149.7		___	ML	1.7 156870	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	343.5	Lg	08:07:46.042	-0.8					T__				___		156875	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
JOS	0.46	348.2	Pg	08:07:40.499	0.7					T__		99.2		___	ML	1.6 156871	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	08:07:45.951	-1.0					T__				___		156876	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
PSZ	0.54	256.6	Pg	08:07:42.973	0.7					T__		145.0		___	ML	2.0 156878	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	256.6	Lg	08:07:49.778	-1.1					T__				___		156877	FDSN	GE	--	BUD	iLoc	HHN	???	_



(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=0  
 ET1H 0.57 253.1 Lg 08:07:50.804 -0.5 T\_\_ --- 156879 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
2022/01/24	09:45:24.22	0.41	0.53	48.0284	19.5926	4.5	3.9	86	0.0A	0.0	12	7	135	0.12	0.79	m	kx BUD	18000326	BUD			360
2022/01/24	09:45:23.00	0.90	0.81	48.0061	19.6278f				0.0f		12	7	122	0.10	0.78		kx BUD_GT	18000327	BUD_GT			219

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18000327

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.10	190.5	Pg	09:45:26.323	0.7					T__		748.2		---	ML	1.5	156935	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	09:45:28.445	0.7					T__				---		156934	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
PSZ	0.20	116.0	Pg	09:45:28.042	0.2					T__		492.3		---	ML	1.5	156936	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	09:45:31.518	-0.2					T__				---		156937	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
ET1H	0.21	127.7	Pg	09:45:28.024	0.2					T__		171.8		---	ML	1.1	156928	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.21	127.7	Lg	09:45:31.609	0.1					T__				---		156931	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																									
HU02A	0.61	78.7	Pg	09:45:35.779	-0.1					T__		89.3		---	ML	1.8	156938	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.61	78.7	Lg	09:45:45.144	-0.5					T__				---		156930	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
VYHS	0.72	313.0	Lg	09:45:46.540	-1.8					T__				---		156929	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.75	49.9	Lg	09:45:48.245	-1.0					T__				---		156933	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.78	50.9	Pg	09:45:39.504	0.9					T__		106.5		---	ML	2.0	156939	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	50.9	Lg	09:45:49.573	-0.9					T__				---		156932	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/24	11:16:52.89	1.03	0.49	47.8051	16.2217	5.2	3.4	24	6.4	16.2	14	7	76	0.12	1.26		ke BUD	18000328	BUD			142

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	6 BUD	18000328

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	154.5	Pg	11:16:55.701	-0.0					T__		382.6		_c_	ML	1.2	156996	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	154.5	Lg	11:16:57.457	-0.4					T__				---		156997	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									
SOP	0.26	118.1	Pg	11:16:58.582	0.3					T__		61.4		---	ML	0.8	156998	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	118.1	Lg	11:17:02.231	0.2					T__				---		156999	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
CONA 0.27 297.1 Pg 11:16:58.326 -0.3 T__ 145.4 ___ ML 1.2 157006 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 297.1 Lg 11:17:02.862 0.3 T__ ___ 157005 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A008A 0.68 326.1 Pg 11:17:06.475 0.5 T__ 140.5 ___ ML 2.0 157000 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.68 326.1 Lg 11:17:15.713 0.4 T__ ___ 157001 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ARSA 0.73 220.7 Pg 11:17:06.329 -0.7 T__ 104.9 ___ ML 1.9 157002 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.73 220.7 Lg 11:17:16.682 0.4 T__ ___ 157007 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 0.91 50.8 Pg 11:17:11.021 -0.0 T__ ___ 157004 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.91 50.8 Lg 11:17:23.790 -0.9 T__ ___ 157008 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.26 5.2 Pn 11:17:16.573 0.1 T__ 82.9 ___ ML 2.1 157003 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.26 5.2 Sn 11:17:33.914 0.2 T__ ___ 157009 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/24 12:55:30.38 1.01 1.29 48.1130 21.3408 6.6 4.2 9 0.0f 14 9 148 0.20 1.03 sx BUD 18000332 BUD 168

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Magnitude Err Nsta Author OrigID
ML 1.7 0.0 6 BUD 18000332

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.20 339.8 Pg 12:55:35.231 0.5 T__ 169.7 ___ ML 1.1 157093 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.20 339.8 Lg 12:55:38.304 -0.3 T__ ___ 157094 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU07A 0.41 108.7 Lg 12:55:44.457 -1.9 T__ ___ 157098 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.55 271.3 Pg 12:55:42.695 0.8 T__ 79.1 ___ ML 1.7 157095 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.55 271.3 Lg 12:55:49.871 -0.9 T__ ___ 157099 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.66 305.9 Pg 12:55:43.902 0.4 T__ 68.1 ___ ML 1.7 157096 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.66 305.9 Lg 12:55:52.506 -1.1 T__ ___ 157100 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.68 303.3 Pg 12:55:44.542 0.5 T__ 70.8 ___ ML 1.7 157097 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 0.80 88.3 Pg 12:55:47.164 1.1 T__ 105.0 ___ ML 2.0 157102 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.80 88.3 Lg 12:55:57.774 -1.9 T__ ___ 157101 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
PSZ 0.99 259.2 Lg 12:56:04.798 -1.3 T__ ___ 157103 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.01 257.2 Pn 12:55:51.774 1.1 T__ 73.4 ___ ML 1.9 157106 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.01 257.2 Lg 12:56:05.164 -1.3 T__ ___ 157105 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1

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(Station ML: 1.9 magdef=1  
 KOLS 1.03 36.7 Lg 12:56:05.237 -1.5 T\_\_ --- 157104 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
2022/01/24	13:03:30.71	1.63	1.95	47.9407	16.2323	14.4	4.0	28	0.0f	7	4	133	0.24	1.13	ke	BUD	18000334	BUD				232

Magnitude Err Nsta Author OrigID  
 ML 1.1 0.1 3 BUD 18000334

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
RONA	0.24	169.8	Pg	13:03:36.420	0.6					T__		149.0		---	ML	1.2 157135	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.24	169.8	Lg	13:03:38.451	-1.0					T__				---		157136	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																										
CONA	0.25	267.3	Pg	13:03:35.625	-0.2					T__		58.6		---	ML	0.8 157139	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	0.25	267.3	Lg	13:03:39.978	0.5					T__				---		157140	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1)																										
SOP	0.34	139.4	Pg	13:03:37.820	0.1					T__		65.2		---	ML	1.1 157138	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
SOP	0.34	139.4	Lg	13:03:42.137	-0.4					T__				---		157137	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1)																										
KRUC	1.13	5.5	Sn	13:04:13.170	3.7					T__				---		157141	FDSN	CZ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/24	13:44:56.85	0.89	0.91	47.8681	16.0655	5.4	3.4	37	0.0f	15	10	82	0.15	1.48	sx	BUD	18000336	BUD				156

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.5 5 BUD 18000336

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
CONA	0.15	293.8	Pg	13:44:59.963	-0.1					T__		291.8		---	ML	1.2 157174	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	0.15	293.8	Lg	13:45:02.030	-0.4					T__				---		157177	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																										
RONA	0.23	137.2	Pg	13:45:01.682	-0.0					T__		175.2		_c_	ML	1.2 157175	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.23	137.2	Lg	13:45:05.140	0.0					T__				---		157178	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0)																										
SOP	0.38	118.9	Lg	13:45:10.428	0.3					T__				---		157179	FDSN	HU	--	BUD	iLoc	HHN	???	_		
A008A	0.57	331.2	Lg	13:45:16.480	0.8					T__				---		157180	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
ARSA	0.72	210.9	Pg	13:45:10.748	-0.0					T__		63.5		---	ML	1.7 157182	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
ARSA	0.72	210.9	Lg	13:45:19.858	0.0					T__				---		157181	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
MODS	0.96	57.6	Lg	13:45:30.410	-0.6					T__				---		157183	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	1.21	10.3	Pg	13:45:20.213	0.1					T__		77.6		---	ML	2.1 157176	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
KRUC	1.21	10.3	Sn	13:45:36.384	-1.3					T__				---		157185	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																										

MPLH	1.22	124.4	Sn	13:45:36.479	-1.1	T__								157184	FDSN	HU	--	BUD	iLoc	HHN	???	_
JAVC	1.46	46.6	Sn	13:45:46.878	2.2	T__								157188	FDSN	CZ	--	BUD	iLoc	HHN	???	_
TREC	1.48	345.2	Pn	13:45:24.714	0.4	T__				108.1					FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.48	345.2	Sn	13:45:44.836	0.8	T__								157186	FDSN	CZ	--	BUD	iLoc	HHN	???	_

(Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=0)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/24	13:57:35.91	1.17	1.34	46.9743	22.3442	8.5	6.3	167	0.0f	15	9	94		0.31	1.91	sx	BUD	18000338	BUD			152

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	6 BUD	18000338

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.31	125.8	Pg	13:57:42.420	0.0					T__		283.4			ML	1.6	157226	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.31	125.8	Lg	13:57:47.249	-0.4					T__						157227	FDSN	RO	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=0)

SIRR	0.85	214.0	Pg	13:57:53.295	0.2					T__		48.8			ML	1.7	157233	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.85	214.0	Lg	13:58:04.481	-1.4					T__						157229	FDSN	RO	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1)

CJR	0.90	106.4	Lg	13:58:06.969	-0.3					T__						157228	FDSN	RO	--	BUD	iLoc	HHN	???	_	
HU05A	1.00	305.5	Lg	13:58:08.825	-2.5					T__						157234	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BMR	1.05	47.8	Pg	13:57:56.689	0.2					T__		166.2			ML	2.3	157236	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BMR	1.05	47.8	Lg	13:58:11.432	-1.0					T__						157235	FDSN	RO	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=1)

BZS	1.45	200.6	Pn	13:58:03.164	0.7					T__		56.6			ML	2.1	157231	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.45	200.6	Sn	13:58:22.042	-0.8					T__						157230	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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

GZR	1.61	169.1	Pn	13:58:06.969	1.9					T__		56.4			ML	2.1	157232	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.61	169.1	Sn	13:58:27.676	0.4					T__						157237	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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

HU02A	1.68	313.7	Pn	13:58:08.062	2.4					T__		86.5			ML	2.4	157239	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.68	313.7	Sn	13:58:28.842	0.3					T__						157238	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=0)

ET1H	1.91	299.2	Sn	13:58:34.685	1.2					T__						157240	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
2022/01/25	08:44:46.37	1.04	1.12	47.3655	18.3927	6.4	3.8	126	0.0f	15	11	109		0.09	1.29	sx	BUD	18000342	BUD			110

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	18000342

Sta	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	268.5	Pg	08:44:49.473	0.7					T__		1794.0			ML	1.8	157439	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

CSKK	0.09	268.5	Lg	08:44:50.516	-0.7	T__									157447	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
HU09A	0.27	358.5	Pg	08:44:52.517	0.2	T__	185.7								157441	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.27	358.5	Lg	08:44:57.127	-0.3	T__									157440	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
HU08A	0.33	281.9	Lg	08:44:57.932	-1.2	T__									157442	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A267A	0.42	171.7	Lg	08:45:01.413	-1.0	T__									157448	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	0.61	251.7	Lg	08:45:07.556	-0.8	T__									157449	FDSN	HU	--	BUD	iLoc	HHN	???	_
ET1H	1.12	62.3	Pn	08:45:10.052	1.8	T__	110.7								157443	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.12	62.3	Sn	08:45:24.979	-0.6	T__									157450	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
PSZ	1.16	60.9	Sn	08:45:25.738	-1.1	T__									157444	FDSN	GE	--	BUD	iLoc	HHN	???	_
MORH	1.16	171.4	Sn	08:45:25.920	-0.3	T__									157445	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.17	14.6	Pn	08:45:10.915	1.8	T__	38.1								157452	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	14.6	Lg	08:45:26.427	-0.6	T__									157451	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
MODS	1.26	323.7	Sn	08:45:29.153	-0.2	T__									157453	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.29	189.1	Sn	08:45:30.881	1.5	T__									157446	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
2022/01/25	09:00:37.82	0.95	0.51	48.8094	16.1708	9.5	3.9	112	0.0f		11	6	145	0.29	1.62	sx	BUD	18000344	BUD			193

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	5 BUD	18000344

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.29	30.3	Pg	09:00:43.804	0.2					T__		179.4			_c_ ML	1.4	157513	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.29	30.3	Lg	09:00:47.810	-0.2					T__						157514	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VRAC	0.57	29.0	Pg	09:00:48.937	0.2					T__		33.8			_ ML	1.3	157517	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.57	29.0	Lg	09:00:56.656	-0.5					T__						157518	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
CONA	0.91	193.3	Pg	09:00:55.342	-0.4					T__		127.7			_ ML	2.1	157508	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.91	193.3	Lg	09:01:07.488	-0.0					T__						157509	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
RONA	1.11	175.6	Pg	09:00:59.538	-0.3					T__		84.6			_ ML	2.0	157511	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.11	175.6	Lg	09:01:14.612	0.3					T__						157510	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CKRC	1.23	271.2	Pg	09:01:01.593	0.7					T__		228.8			_ ML	2.5	157515	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.23	271.2	Lg	09:01:17.105	-0.7					T__						157516	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
ARSA	1.62	195.8	Lg	09:01:29.903	0.6					T__						157512	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/01/25 09:52:35.85 1.02 1.21 48.4741 20.7554 5.1 4.4 68 0.0f 14 9 84 0.15 1.28 sx BUD 18000350 BUD 146

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.3 5 BUD 18000350

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.15	278.7	Pg	09:52:39.056	0.1					T__		287.4		---	ML	1.2	157628	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	278.7	Lg	09:52:41.681	0.2					T__				---		157629	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																									
KECS	0.18	273.0	Pg	09:52:39.560	-0.1					T__		708.4		---	ML	1.6	157631	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	273.0	Lg	09:52:42.551	-0.2					T__				---		157630	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
ABAH	0.37	118.7	Lg	09:52:48.541	-1.5					T__				---		157637	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.38	203.7	Pg	09:52:45.342	1.2					T__		79.8		---	ML	1.3	157632	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.38	203.7	Lg	09:52:49.952	-0.6					T__				---		157638	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
PSZ	0.80	226.3	Lg	09:53:03.576	-1.4					T__				---		157639	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.84	225.2	Lg	09:53:04.848	-1.0					T__				---		157640	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.99	342.5	Pg	09:52:55.702	1.1					T__		65.0		---	ML	1.9	157633	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.99	342.5	Lg	09:53:08.178	-0.5					T__				---		157634	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
KOLS	1.11	64.9	Lg	09:53:12.337	-1.7					T__				---		157641	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.28	271.6	Pn	09:53:00.275	0.2					T__		50.6		---	ML	1.9	157635	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	271.6	Sn	09:53:17.032	-2.2					T__				---		157636	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/01/25 10:13:07.79 3.05 1.00 47.3458 18.4079 21.4 7.1 123 0.0f 5 3 257 0.10 0.62 sx BUD 18000352 BUD 333

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.10	279.8	Pg	10:13:11.161	0.7					T__		840.5		---	ML	1.5	157685	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	279.8	Lg	10:13:12.697	-0.4					T__				---		157686	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU09A	0.29	356.6	Lg	10:13:18.831	-0.8					T__				---		157687	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.62	253.8	Pg	10:13:20.426	-0.0					T__		99.9		---	ML	1.8	157689	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.62	253.8	Lg	10:13:29.024	-0.9					T__				---		157688	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2022/01/25 11:00:19.67 0.89 0.83 48.1207 17.0191 6.6 3.4 129 0.0f 16 9 87 0.31 1.93 sx BUD 18000354 BUD 157

Magnitude Err Nsta Author OrigID  
ML 2.0 0.2 6 BUD 18000354

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.31	34.2	Pg	11:00:26.250	-0.1					T__						157743	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	34.2	Lg	11:00:31.225	-0.6					T__						157744	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.64	229.4	Pg	11:00:32.085	-0.5					T__		73.7			ML	1.7	157748	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.64	229.4	Lg	11:00:40.408	-0.7					T__						157749	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
CONA	0.80	256.5	Pg	11:00:36.365	0.8					T__		74.5			ML	1.8	157751	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.80	256.5	Lg	11:00:45.731	-0.3					T__						157750	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JAVC	0.86	30.2	Pn	11:00:39.987	1.4					T__		167.4			ML	2.2	157745	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.86	30.2	Lg	11:00:50.890	0.4					T__						157752	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
MPLH	1.01	159.5	Lg	11:00:54.709	0.1					T__						157753	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KRUC	1.03	336.5	Pg	11:00:39.951	0.5					T__		108.4			ML	2.1	157746	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.03	336.5	Lg	11:00:53.524	-1.1					T__						157747	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
VYHS	1.27	72.2	Pn	11:00:45.621	1.6					T__		48.1			ML	1.9	157757	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	72.2	Sn	11:01:02.158	-0.8					T__						157756	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ARSA	1.33	229.8	Pn	11:00:45.223	0.1					T__		88.8			ML	2.2	157755	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.33	229.8	Lg	11:01:02.637	0.5					T__						157754	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
CKRC	1.93	292.2	Sn	11:01:18.558	-0.1					T__						157758	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/01/25 13:45:24.25 0.92 0.94 47.8848 16.0859 5.7 4.0 30 0.0f 13 7 84 0.16 1.51 sx BUD 18000360 BUD 153

Magnitude Err Nsta Author OrigID  
ML 2.0 0.4 6 BUD 18000360

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.16	286.2	Pg	13:45:27.841	0.2					T__		240.0			ML	1.1	157937	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	286.2	Lg	13:45:30.146	0.1					T__						157938	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
RONA	0.23	142.5	Pg	13:45:29.414	0.2					T__		122.2			ML	1.0	157939	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	142.5	Lg	13:45:33.292	0.7					T__						157940	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
ARSA	0.74	211.2	Pg	13:45:37.827	-0.8					T__		73.4			ML	1.8	157947	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	211.2	Lg	13:45:47.333	-0.6					T__						157946	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 0.94 58.1 Lg 13:45:56.715 -1.0 T__
KRUC 1.20 9.8 Pg 13:45:47.560 0.4 T__ 106.2 --- ML 2.2 157941 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.20 9.8 Sn 13:46:04.183 -0.5 T__ --- 157949 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
TREC 1.47 344.5 Pn 13:45:52.609 1.1 T__ 114.5 --- ML 2.4 157943 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.47 344.5 Sn 13:46:12.365 1.3 T__ --- 157942 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CKRC 1.51 309.0 Pn 13:45:51.699 -0.4 T__ 176.3 --- ML 2.6 157945 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.51 309.0 Sn 13:46:10.870 -1.8 T__ --- 157944 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/25 15:16:21.10 0.99 0.39 47.8043 16.2831 9.0 3.9 34 11.0f 8 4 119 0.11 1.26 ke BUD 18000362 BUD 189

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Magnitude Err Nsta Author OrigID
ML 1.0 0.4 4 BUD 18000362

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 175.1 Pg 15:16:24.402 0.2 T__ 135.0 --- ML 0.7 157981 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 175.1 Lg 15:16:26.304 -0.2 T__ --- 157982 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.22 123.0 Pg 15:16:26.192 0.1 T__ 60.3 --- ML 0.7 157985 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.22 123.0 Lg 15:16:29.192 -0.3 T__ --- 157986 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.31 293.8 Pg 15:16:27.987 0.3 T__ 106.3 --- ML 1.2 157987 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.31 293.8 Lg 15:16:31.701 -0.5 T__ --- 157988 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KRUC 1.26 3.4 Pn 15:16:44.451 0.4 T__ 76.4 --- ML 2.1 157983 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.26 3.4 Sn 15:17:01.170 0.2 T__ --- 157984 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/26 07:51:21.23 1.71 0.41 47.8049 19.0951 16.7 4.1 14 0.0f 6 4 226 0.07 0.71 sx BUD 18000366 BUD 264

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 308.1 Pg 07:51:23.271 0.2 T__ 458.1 --- ML 1.1 158243 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 308.1 Lg 07:51:24.305 -0.5 T__ --- 158244 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

```



```

ET1H 0.53 81.6 Lg 07:51:40.540 -0.2 T__
PSZ 0.55 77.8 Pg 07:51:33.382 0.2 T__ 71.7 --- ML 1.7 158246 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.55 77.8 Lg 07:51:41.657 -0.3 T__ --- 158242 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 0.71 346.0 Lg 07:51:46.352 0.0 T__ --- 158247 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
2022/01/26 08:52:21.46 0.96 0.20 47.9743 20.3571 15.4 3.7 141 0.0A 0.0 8 5 216 0.19 0.54 m kx BUD 18000368 BUD 360
2022/01/26 08:52:19.78 0.97 0.97 47.9590 20.3545f 0.0f 8 5 221 0.20 0.55 kx BUD_GT 18000369 BUD_GT 243
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 3 BUD 18000369

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.20 35.0 Pg 08:52:25.134 0.7 T__ 280.4 --- ML 1.3 158270 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.20 35.0 Lg 08:52:27.065 -1.2 T__ --- 158272 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.31 262.7 Lg 08:52:31.309 -1.0 T__ --- 158273 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.33 256.4 Lg 08:52:31.967 -0.7 T__ --- 158274 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.53 9.4 Pg 08:52:30.979 0.4 T__ 129.4 --- ML 1.9 158276 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.53 9.4 Lg 08:52:37.967 -0.8 T__ --- 158275 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.55 12.9 Pg 08:52:31.975 1.1 T__ 55.0 --- ML 1.5 158271 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 12.9 Lg 08:52:38.333 -1.1 T__ --- 158277 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/26 10:07:31.89 1.17 0.95 48.5258 20.7468 8.3 3.6 6 0.0f 15 9 158 0.14 1.27 sx BUD 18000370 BUD 198

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 6 BUD 18000370

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.14 257.8 Pg 10:07:35.195 0.3 T__ 214.3 --- ML 1.0 158311 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.14 257.8 Lg 10:07:37.609 0.2 T__ --- 158318 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
KECS 0.18 256.3 Pg 10:07:35.679 -0.0 T__ 500.6 --- ML 1.5 158312 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.18 256.3 Lg 10:07:38.716 0.0 T__ --- 158319 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.40 124.8 Pg 10:07:40.381 0.2 T__ 87.9 --- ML 1.4 158315 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 124.8 Lg 10:07:46.966 -0.2 T__ --- 158314 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1

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```

(Station ML: 1.4 magdef=1
HU02A 0.43 200.2 Pg 10:07:41.368 0.3 T__ 59.7 --- ML 1.3 158313 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.43 200.2 Lg 10:07:47.917 -0.2 T__ --- 158320 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.83 223.5 Lg 10:08:01.057 -1.0 T__ --- 158321 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.87 222.5 Lg 10:08:02.282 -0.7 T__ --- 158322 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.09 67.5 Lg 10:08:07.779 -1.7 T__ --- 158323 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.26 107.6 Pn 10:07:56.844 1.2 T__ 78.6 --- ML 2.1 158317 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.26 107.6 Sn 10:08:13.746 -0.9 T__ --- 158325 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
VYHS 1.27 269.3 Pn 10:07:56.478 0.5 T__ 24.5 --- ML 1.6 158316 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.27 269.3 Sn 10:08:13.234 -1.9 T__ --- 158324 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/26 10:44:48.24 0.90 1.02 48.3729 19.0344 6.4 3.2 31 0.0f 12 9 129 0.18 1.17 sx BUD 18000372 BUD 143

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 18000372

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
VYHS 0.18 312.6 Pg 10:44:52.646 0.5 T__ 56.9 --- ML 0.6 158362 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.18 312.6 Lg 10:44:55.207 0.1 T__ --- 158363 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
HU10A 0.53 181.2 Lg 10:45:06.884 -1.0 T__ --- 158364 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.73 128.0 Lg 10:45:14.920 -0.2 T__ --- 158365 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.75 131.1 Pg 10:45:05.035 1.1 T__ 60.3 --- ML 1.7 158366 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.97 82.9 Lg 10:45:21.604 -0.7 T__ --- 158367 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.01 82.4 Pg 10:45:08.304 0.1 T__ 78.9 --- ML 2.0 158360 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.01 82.4 Lg 10:45:22.939 -0.5 T__ --- 158368 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 1.03 103.6 Pn 10:45:09.512 0.5 T__ 90.0 --- ML 2.0 158361 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.03 103.6 Lg 10:45:23.524 -1.4 T__ --- 158370 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JAVC 1.03 298.8 Lg 10:45:23.378 -1.4 T__ --- 158369 FDSN CZ -- BUD iLoc HHN ??? _
MODS 1.17 270.7 Sn 10:45:27.824 -1.5 T__ --- 158371 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
2022/01/26 19:21:49.29 1.41 0.61 47.9663 16.9798 5.4 4.4 124 20.7 21.2 9 5 130 0.45 1.22 ke BUD 18000376 BUD 248

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 3 BUD 18000376

```

Sta	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	0.45	25.9	Pg	19:21:59.670	0.5					T__						158440	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.45	25.9	Lg	19:22:05.652	-0.9					T__						158441	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.53	240.2	Pg	19:22:00.731	0.3					T__		55.6			ML	1.5	158442	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.53	240.2	Lg	19:22:07.591	-0.3					T__						158443	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
EGYH	0.60	156.5	Pg	19:22:01.399	-0.2					T__		117.0			ML	1.9	158445	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.60	156.5	Lg	19:22:10.948	0.4					T__						158447	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
CONA	0.75	267.5	Pn	19:22:03.994	-0.3					T__		67.9			ML	1.8	158446	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.75	267.5	Lg	19:22:14.048	-0.5					T__						158444	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	1.22	234.5	Lg	19:22:28.300	0.0					T__						158448	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/26	21:14:09.25	0.98	0.49	47.7856	16.2310	12.3	3.8	33	11.0f		7	4	147	0.10	1.28		ke BUD	18000380	BUD			211

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.3	3 BUD	18000380

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.10	152.8	Pg	21:14:12.306	0.0					T__		103.1			ML	0.6	158517	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	152.8	Lg	21:14:14.373	-0.1					T__						158518	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SOP	0.24	114.7	Pg	21:14:14.689	0.1					T__		65.1			ML	0.8	158520	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	114.7	Lg	21:14:18.164	-0.1					T__						158519	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.29	300.0	Pg	21:14:15.475	0.0					T__		84.1			ML	1.0	158516	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	300.0	Lg	21:14:19.756	0.0					T__						158515	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KRUC	1.28	4.8	Sn	21:14:48.676	-1.0					T__						158521	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/27	08:44:14.78	0.98	0.69	46.1058	18.0577	6.0	3.7	137	0.0f		9	5	119	0.03	1.12		sx BUD	18000382	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	4 BUD	18000382

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	120.7	Pg	08:44:16.513	0.3					T__		887.0			ML	1.3	158547	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	120.7	Lg	08:44:17.346	-0.3					T__						158555	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

A273A	0.25	221.7	Pg	08:44:20.767	0.4	T__	459.0	---	ML	1.7	158548	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.25	221.7	Lg	08:44:23.587	-0.8	T__		---			158553	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MORH	0.42	74.8	Pg	08:44:24.014	0.3	T__	50.1	---	ML	1.2	158549	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.42	74.8	Lg	08:44:30.095	-0.4	T__		---			158554	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
A266A	0.44	18.8	Pg	08:44:24.656	0.5	T__	265.7	---	ML	2.0	158550	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.44	18.8	Lg	08:44:30.294	-1.0	T__		---			158551	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MPLH	1.12	341.7	Sn	08:44:52.742	-0.6	T__		---			158552	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
2022/01/27	08:52:41.92	0.90	1.24	47.3753	18.3973	5.5	3.2	139	0.0f		23	16	108	0.09	1.62	sx	BUD	18000384	BUD			109

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	7 BUD	18000384

Sta	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	262.6	Pg	08:52:44.609	0.2					T__		3260.4		---	ML	2.1	158600	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	262.6	Lg	08:52:45.373	-1.6					T__				---		158609	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU09A	0.26	357.8	Lg	08:52:52.075	-0.6					T__				---		158610	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	280.1	Pg	08:52:50.106	1.2					T__	127.3			---	ML	1.3	158601	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.33	280.1	Lg	08:52:53.848	-0.9					T__				---		158611	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
A267A	0.43	172.3	Lg	08:52:56.969	-1.3					T__				---		158612	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
SR0	0.44	352.6	Lg	08:52:57.465	-1.4					T__				---		158613	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.62	251.0	Pg	08:52:55.780	1.2					T__	62.1			---	ML	1.6	158603	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.62	251.0	Lg	08:53:03.439	-0.7					T__				---		158602	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU10A	0.63	41.6	Pg	08:52:55.780	0.7					T__	98.1			---	ML	1.8	158604	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.63	41.6	Lg	08:53:04.097	-1.3					T__				---		158614	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	1.12	62.6	Pn	08:53:05.141	1.4					T__	76.6			---	ML	2.0	158606	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.12	62.6	Sn	08:53:20.834	-0.2					T__				---		158615	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	1.15	61.2	Pn	08:53:05.709	1.4					T__	78.4			---	ML	2.0	158608	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.15	61.2	Sn	08:53:20.976	-1.3					T__				---		158616	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
VYHS	1.16	14.6	Pn	08:53:06.276	1.8					T__	23.7			---	ML	1.5	158607	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	14.6	Lg	08:53:20.834	-1.4					T__				---		158617	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

MORH	1.17	171.6	Sn	08:53:20.319	-1.7				T__						158605	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.25	323.4	Sn	08:53:24.097	-0.7				T__						158618	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.30	189.1	Sn	08:53:24.380	-0.9				T__						158619	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.46	283.6	Sn	08:53:29.345	0.1				T__						158620	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	1.56	342.1	Sn	08:53:33.458	0.4				T__						158621	FDSN	CZ	--	BUD	iLoc	HHN	???	_
HU02A	1.62	61.7	Sn	08:53:35.160	1.8				T__						158622	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/27	10:56:13.36	4.21	0.98	46.8570	22.7025	28.6	21.1	40	0.0f		6	4	303	0.07	1.46	sx	BUD	18000388	BUD			323

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.07	174.8	Pg	10:56:15.139	0.0					T__		159.1			ML	0.7	158708	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.07	174.8	Lg	10:56:16.700	-0.0					T__						158709	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SIRR	0.93	231.0	Lg	10:56:45.645	0.0					T__						158710	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.45	211.7	Sn	10:57:00.443	0.1					T__						158712	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.46	178.0	Pn	10:56:40.211	-0.3					T__	44.0				ML	2.0	158707	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.46	178.0	Sn	10:56:59.572	-1.7					T__						158711	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/01/27	13:39:22.74	0.95	0.62	47.9040	16.0820	6.1	3.8	24	0.0f		10	7	69	0.15	1.50	sx	BUD	18000390	BUD					134

Magnitude Err Nsta Author OrigID  
ML 1.1 0.2 3 BUD 18000390

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	279.4	Pg	13:39:26.028	0.1					T__		242.7			ML	1.1	158751	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	279.4	Lg	13:39:27.695	-0.6					T__						158752	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
RONA	0.25	144.7	Pg	13:39:28.014	0.0					T__	90.0				ML	1.0	158754	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.25	144.7	Lg	13:39:31.205	-0.5					T__						158753	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SOP	0.39	124.3	Lg	13:39:36.428	0.2					T__						158758	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.76	210.3	Lg	13:39:47.411	0.5					T__						158755	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.93	59.1	Lg	13:39:55.396	-0.5					T__						158759	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.18	10.1	Pg	13:39:46.347	1.0					T__	65.6				ML	2.0	158757	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.18	10.1	Sn	13:40:03.368	0.7					T__						158756	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CKRC	1.50	308.4	Sn	13:40:11.013	0.2					T__						158760	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2022/01/28 00:20:22.69 1.22 0.42 47.8406 16.2573 6.6 3.5 29 5.2 27.9 11 7 76 0.14 1.23 ke BUD 18000398 BUD 123

Magnitude Err Nsta Author OrigID  
ML 0.9 0.1 4 BUD 18000398

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
RONA	0.14	169.4	Pg	00:20:25.957	0.0					T__		167.6		---	ML	0.9 158933	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	169.4	Lg	00:20:27.978	-0.3					T__				---		158934	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								
SOP	0.26	127.7	Pg	00:20:28.315	0.3					T__		67.8		---	ML	0.8 158935	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	127.7	Lg	00:20:31.852	0.1					T__				---		158936	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																								
CONA	0.28	288.4	Pg	00:20:29.006	0.5					T__		76.3		---	ML	1.0 158939	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	288.4	Lg	00:20:32.375	-0.1					T__				---		158938	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
A008A	0.67	322.7	Pg	00:20:34.786	-0.7					T__		53.4		---	ML	1.6 158940	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.67	322.7	Lg	00:20:44.786	0.2					T__				---		158941	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
ARSA	0.77	220.4	Lg	00:20:47.056	-0.3					T__				---		158942	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.87	51.7	Lg	00:20:52.730	-0.3					T__				---		158943	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.23	4.2	Sn	00:21:02.588	-0.2					T__				---		158937	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/01/28 00:33:53.51 0.91 1.73 47.8290 19.2946 4.3 3.0 166 16.1 7.6 20 12 89 0.19 1.68 ke BUD 18000400 BUD 135

Magnitude Err Nsta Author OrigID  
ML 1.2 0.1 9 BUD 18000400

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
HU10A	0.19	275.1	Pg	00:33:58.900	0.5					T__		225.0		---	ML	1.2 158987	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.19	275.1	Lg	00:34:02.145	-0.1					T__				---		158988	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
HU03A	0.22	69.9	Pg	00:33:59.370	0.4					T__		143.6		_d_	ML	1.1 158990	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.22	69.9	Lg	00:34:02.854	-0.1					T__				---		158995	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																								
BUD	0.39	208.0	Pg	00:34:02.225	0.1					T__		66.3		---	ML	1.2 158989	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	0.39	208.0	Lg	00:34:06.764	-1.9					T__				---		158996	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
ET1H	0.39	82.4	Pg	00:34:02.145	-0.1					T__		55.8		---	ML	1.1 158991	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.39	82.4	Lg	00:34:07.464	-0.9					T__				---		158997	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																								
PSZ	0.41	77.3	Pg	00:34:02.721	-0.1					T__		66.3		---	ML	1.3 158992	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	77.3	Lg	00:34:08.359	-1.2					T__				---		158998	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								

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(Station ML: 1.3 magdef=1
HU23A 0.67 106.1 Lg 00:34:17.731 0.3 T__
VYHS 0.73 335.4 Pg 00:34:07.787 -0.7 T__ 15.0 --- ML 1.1 159000 FDSN SK -- BUD iLoc HHE ??? _
VYHS 0.73 335.4 Lg 00:34:18.283 -0.9 T__ --- 159006 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.88 70.0 Pn 00:34:11.826 1.8 T__ 41.0 --- ML 1.6 159002 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.88 70.0 Lg 00:34:23.741 -0.6 T__ --- 159001 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 1.03 50.2 Pn 00:34:14.184 2.1 T__ 77.2 --- ML 2.0 158993 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A267A 1.04 212.3 Sn 00:34:28.422 1.6 T__ --- 159003 FDSN Z3 00 BUD iLoc HHN ??? _
JOS 1.07 50.9 Pn 00:34:14.609 2.0 T__ 60.0 --- ML 1.9 158994 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.07 50.9 Sn 00:34:30.212 2.7 T__ --- 159004 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.68 195.7 Sn 00:34:46.356 4.3 T__ --- 159005 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
2022/01/28 02:40:28.22 3.71 0.25 47.7230 16.2142 56.4 4.5 24 14.0 18.8 6 3 198 0.06 0.31 ke BUD 18000402 BUD 346

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Magnitude Err Nsta Author OrigID
ML 0.8 0.2 3 BUD 18000402

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.06 112.7 Pg 02:40:31.294 0.0 T__ 65.4 --- ML 0.3 159040 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.06 112.7 Lg 02:40:33.324 -0.1 T__ --- 159041 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
SOP 0.24 99.6 Pg 02:40:33.705 0.1 T__ 64.2 --- ML 0.8 159044 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 99.6 Lg 02:40:37.198 -0.2 T__ --- 159043 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.31 311.0 Pg 02:40:34.980 -0.1 T__ 53.4 --- ML 0.9 159045 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.31 311.0 Lg 02:40:40.035 0.3 T__ --- 159042 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/28 03:07:49.60 3.76 0.35 47.7039 16.2082 51.8 4.6 23 15.1 15.2 6 3 219 0.06 0.32 ke BUD 18000404 BUD 359

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Magnitude Err Nsta Author OrigID
ML 0.8 0.3 3 BUD 18000404

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.06 94.0 Pg 03:07:52.872 0.1 T__ 67.9 --- ML 0.3 159067 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.06 94.0 Lg 03:07:54.875 -0.2 T__ --- 159068 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1

```

```

(Station ML: 0.3 magdef=1
SOP 0.24 94.9 Pg 03:07:55.195 0.1 T__ 71.4 ___ ML 0.8 159069 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 94.9 Lg 03:07:58.758 -0.2 T__ ___ 159070 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.32 314.0 Pg 03:07:56.537 -0.2 T__ 61.8 ___ ML 1.0 159072 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.32 314.0 Lg 03:08:01.914 0.4 T__ ___ 159071 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/28	09:18:28.68	1.11	0.84	47.1519	18.0606	8.0	6.0	62	0.0f	6	6	123	0.25	1.06	sx	BUD	18000406	BUD				174

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.25	32.7	Pg	09:18:34.666	0.4					T__		233.5		___	ML	1.4	159107	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0)																									
HU08A	0.29	341.6	Lg	09:18:39.527	-1.0					T__				---		159109	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.36	273.1	Lg	09:18:42.500	0.2					T__				---		159110	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.56	298.4	Lg	09:18:48.794	-0.3					T__				---		159111	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.02	156.6	Lg	09:19:03.142	-0.8					T__				---		159112	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.06	178.5	Lg	09:19:05.200	-0.5					T__				---		159108	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	
2022/01/28	09:26:17.06	0.51	0.73	48.0934	20.6502	6.4	3.6	151	0.0A	0.0	10	6	185	0.09	0.57	m	kx	BUD	18000408	BUD			360
2022/01/28	09:26:15.06	0.93	1.69	48.0471	20.6805f				0.0f	10	6	196	0.13	0.57		kx	BUD_GT	18000409	BUD_GT				264

(locality : Miskolc-Mexikóvölgy Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 4 BUD 18000409

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	09:26:18.439	0.1					T__		514.6		___	ML	1.4	159135	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	09:26:19.663	-1.4					T__				---		159138	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
ABAH	0.45	56.1	Pg	09:26:27.479	3.2					T__		110.2		___	ML	1.6	159137	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	09:26:29.805	-2.4					T__				---		159139	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
KECS	0.46	343.5	Pg	09:26:24.628	0.3					T__		116.0		___	ML	1.6	159140	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	343.5	Lg	09:26:29.947	-1.5					T__				---		159141	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
JOS	0.46	348.2	Pg	09:26:24.751	0.4					T__		64.9		___	ML	1.4	159136	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	09:26:29.947	-1.6					T__				---		159142	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1																									



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(Station ML: 1.4 magdef=1
PSZ 0.54 256.6 Lg 09:26:33.989 -1.5 T__ --- 159143 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.57 253.1 Lg 09:26:34.911 -1.0 T__ --- 159144 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
2022/01/28 09:44:05.87 1.01 1.07 46.0527 18.1073 8.5 3.8 141 0.0f 6 3 169 0.04 0.41 sx BUD 18000410 BUD 285

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 3 BUD 18000410

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.04 351.8 Pg 09:44:07.703 0.4 T__ 2723.0 ___ ML 1.8 159168 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.04 351.8 Lg 09:44:08.448 -0.4 T__ ___ 159169 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A273A 0.24 236.2 Pg 09:44:11.814 0.5 T__ 871.6 ___ ML 1.9 159172 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.24 236.2 Lg 09:44:14.048 -1.1 T__ ___ 159170 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 0.41 66.3 Pg 09:44:15.008 0.5 T__ 66.2 ___ ML 1.3 159171 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.41 66.3 Lg 09:44:19.982 -1.2 T__ ___ 159173 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/28 10:21:26.00 1.55 1.21 48.6205 20.8132 11.2 4.3 178 0.0f 15 8 166 0.22 1.32 sx BUD 18000412 BUD 233

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 18000412

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.22 235.7 Pg 10:21:31.088 0.5 T__ 382.9 _c_ ML 1.5 159208 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.22 235.7 Lg 10:21:34.005 -0.2 T__ ___ 159209 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.26 237.9 Pg 10:21:31.542 0.2 T__ 1098.4 ___ ML 2.1 159210 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.26 237.9 Lg 10:21:35.372 -0.1 T__ ___ 159215 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
ABAH 0.43 138.7 Pg 10:21:35.576 0.8 T__ 73.1 ___ ML 1.4 159211 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.43 138.7 Lg 10:21:41.374 -0.9 T__ ___ 159216 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU02A 0.53 201.2 Pg 10:21:37.698 0.5 T__ 51.7 ___ ML 1.5 159218 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.53 201.2 Lg 10:21:44.914 -0.9 T__ ___ 159217 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.93 221.5 Pn 10:21:44.815 -0.6 T__ 79.3 ___ ML 1.9 159220 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.93 221.5 Lg 10:21:58.007 -1.6 T__ ___ 159219 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1

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(Station ML: 1.9 magdef=1
ET1H 0.97 220.7 Pn 10:21:46.808 1.0 T__ 52.5 --- ML 1.8 159212 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.97 220.7 Lg 10:21:59.751 -0.7 T__ --- 159213 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOLS 1.02 71.5 Lg 10:21:58.353 -2.8 T__ --- 159222 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.32 265.2 Pn 10:21:52.156 1.3 T__ --- ML 1.6 159221 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.32 265.2 Sn 10:22:09.503 -1.0 T__ --- 159214 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/28 10:41:00.54 1.51 0.89 47.8727 20.1464 13.6 3.2 159 0.0f 15 10 208 0.18 1.24 sx BUD 18000414 BUD 222

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 6 BUD 18000414

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Sta 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 0.18 285.2 Pg 10:41:05.567 0.7 T__ 603.9 --- ML 1.6 159265 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 285.2 Lg 10:41:07.641 -0.8 T__ --- 159267 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.19 272.1 Pg 10:41:05.709 0.8 T__ 408.5 --- ML 1.4 159264 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 272.1 Lg 10:41:07.943 -0.4 T__ --- 159268 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.36 45.4 Pg 10:41:08.803 0.5 T__ 108.3 --- ML 1.3 159266 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 45.4 Lg 10:41:13.484 -1.0 T__ --- 159269 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU03A 0.37 275.0 Lg 10:41:13.863 -0.6 T__ --- 159270 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.65 20.3 Lg 10:41:23.351 -0.3 T__ --- 159271 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.68 22.7 Pg 10:41:14.731 0.6 T__ 42.7 --- ML 1.5 159273 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.7 Lg 10:41:24.093 -0.4 T__ --- 159272 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU10A 0.76 268.3 Lg 10:41:26.601 -1.8 T__ --- 159274 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.85 59.6 Lg 10:41:29.937 -1.2 T__ --- 159275 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.07 305.8 Pn 10:41:22.481 0.6 T__ 19.7 --- ML 1.4 159277 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.07 305.8 Lg 10:41:37.304 -0.6 T__ --- 159276 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SR0 1.24 267.9 Pn 10:41:24.067 0.1 T__ 1924.4 --- ML 3.5 159278 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/01/30 06:24:17.77 1.03 0.93 45.6876 18.1046 6.3 4.5 120 0.0f 20 14 101 0.31 1.86 ke BUD 18000420 BUD 167

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Magnitude Err Nsta Author OrigID

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ML 2.0 0.2 6 BUD 18000420

Sta	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	0.31	318.7	Pg	06:24:24.627	0.2					T__		494.9		___	ML	1.8	159583	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A273A	0.31	318.7	Lg	06:24:28.936	-0.2					T__				___		159588	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																										
KOVH	0.40	359.5	Pg	06:24:26.613	0.2					T__		174.5		_d	ML	1.7	159582	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.40	359.5	Lg	06:24:31.684	-1.0					T__				---		159589	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																										
MORH	0.65	35.3	Pg	06:24:31.613	0.5					T__		101.2		_d	ML	1.9	159584	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	0.65	35.3	Lg	06:24:40.797	-0.4					T__				---		159590	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																										
A265A	0.77	343.8	Pg	06:24:33.430	-0.1					T__		212.7		---	ML	2.3	159586	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A265A	0.77	343.8	Lg	06:24:43.785	-0.8					T__				---		159585	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																										
A266A	0.85	7.5	Pn	06:24:36.445	0.8					T__		261.2		---	ML	2.4	159587	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A266A	0.85	7.5	Lg	06:24:48.324	0.7					T__				---		159591	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																										
HU22A	0.96	47.8	Lg	06:24:51.229	-1.5					T__				---		159592	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
A263A	1.10	330.4	Lg	06:24:54.859	-0.4					T__				---		159594	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
BLY	1.14	215.1	Pg	06:24:39.929	-0.2					T__		94.5		---	ML	2.1	159593	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_	
BLY	1.14	215.1	Lg	06:24:54.893	0.5					T__				---		159600	FDSN	MN	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																										
BEHE	1.21	310.7	Lg	06:24:59.444	1.1					T__				---		159595	FDSN	HU	--	BUD	iLoc	HHN	???	_		
FRGS	1.31	113.2	Sn	06:25:02.616	1.4					T__				---		159601	FDSN	SJ	--	BUD	iLoc	BHE	???	_		
KOGS	1.50	301.2	Lg	06:25:07.390	0.8					T__				---		159597	FDSN	SL	--	BUD	iLoc	BHE	???	_		
PTJ	1.51	279.1	Sn	06:25:05.057	-1.2					T__				---		159596	FDSN	CR	--	BUD	iLoc	BHN	???	_		
MPLH	1.53	345.4	Sn	06:25:07.683	1.4					T__				---		159598	FDSN	HU	--	BUD	iLoc	HHN	???	_		
CRES	1.86	275.2	Sn	06:25:15.470	1.2					T__				---		159599	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  
 2022/01/30 16:54:13.51 2.33 0.51 48.0163 19.4111 9.2 4.8 42 0.2 3.5 10 6 189 0.17 0.89 ke BUD 18000424 BUD 285

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.2 4 BUD 18000424

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.17	131.5	Pg	16:54:17.553	0.2					T__		264.5		___	ML	1.2	159699	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.17	131.5	Lg	16:54:20.656	0.4					T__				---		159700	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
ET1H	0.34	113.8	Pg	16:54:20.478	-0.4					T__		69.7		---	ML	1.1	159698	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.34	113.8	Lg	16:54:25.691	-0.6					T__				---		159703	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
PSZ	0.34	106.6	Pg	16:54:21.099	0.0					T__		128.9		---	ML	1.4	159697	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ	0.34	106.6	Lg	16:54:26.622	-0.1				T__					159704	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
VYHS	0.61	321.4	Lg	16:54:34.784	-0.2				T__					159705	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.75	81.5	Lg	16:54:40.635	-0.2				T__					159706	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.89	57.1	Pn	16:54:32.462	0.4				T__	56.0		---	ML	1.7	159701	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.89	57.1	Lg	16:54:45.317	0.8				T__					159702	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/01/31	10:35:56.41	1.26	0.84	48.0374	16.1115	7.0	6.1	10	0.0f		6	4	149	0.20	1.04	sx	BUD	18000430	BUD			282

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.20	237.0	Pg	10:36:00.744	0.1					T__		94.0		---	ML	0.8	159915	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.20	237.0	Lg	10:36:02.748	-0.8					T__				---		159916	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.36	159.7	Pg	10:36:03.812	0.0					T__		69.7		---	ML	1.1	159918	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.36	159.7	Lg	10:36:08.457	-0.4					T__				---		159917	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ARSA	0.88	207.0	Lg	10:36:25.709	1.2					T__				---		159919	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.04	10.3	Lg	10:36:31.879	0.0					T__				---		159920	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/01	08:15:27.37	1.12	1.20	48.5732	20.7411	6.5	4.0	2	0.0f		14	9	128	0.15	1.28	sx	BUD	18000432	BUD			202

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	5 BUD	18000432

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.15	240.1	Pg	08:15:31.117	0.4					T__		212.0		---	ML	1.1	159950	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	240.1	Lg	08:15:33.776	0.5					T__				---		159956	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
KECS	0.19	242.2	Pg	08:15:31.648	0.2					T__		467.7		---	ML	1.5	159951	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.19	242.2	Lg	08:15:34.929	0.3					T__				---		159957	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.43	129.7	Pg	08:15:37.038	0.8					T__		65.9		---	ML	1.3	159953	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	129.7	Lg	08:15:42.358	-1.3					T__				---		159954	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.47	197.8	Pg	08:15:37.393	-0.0					T__		47.2		---	ML	1.3	159952	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	197.8	Lg	08:15:44.592	-0.5					T__				---		159958	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

PSZ	0.87	221.1	Pn	08:15:46.524	0.7	T__	62.1	___	ML	1.8	159955	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	221.1	Lg	08:15:57.446	-1.2	T__		---			159960	FDSN	GE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.8 magdef=1)															
				(Station ML: 1.8 magdef=0)															
NIE	0.89	341.2	Lg	08:15:55.898	-1.1	T__		---			159959	FDSN	PL	--	BUD	iLoc	BHN	???	_
ET1H	0.91	220.3	Lg	08:15:58.825	-0.8	T__		---			159961	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.27	267.1	Sn	08:16:08.889	-1.7	T__		---			159963	FDSN	SK	--	BUD	iLoc	HHN	???	_
TRPA	1.28	109.6	Sn	08:16:08.209	-2.4	T__		---			159962	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
2022/02/01	08:30:39.07	0.91	0.90	47.2735	17.7116	6.6	3.1	151	0.0f		14	11	72	0.16	1.59	sx	BUD	18000434	BUD			127

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	18000434

Sta	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	228.7	Pg	08:30:43.510	0.6					T__		525.0		---	ML	1.5	159997	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.16	228.7	Lg	08:30:45.141	-0.9					T__				---		160001	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
HU08A	0.21	42.3	Pg	08:30:44.822	0.9					T__		582.2		---	ML	1.7	159998	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.21	42.3	Lg	08:30:47.517	-0.6					T__				---		160002	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
EGYH	0.30	299.2	Lg	08:30:49.648	-1.0					T__				---		159999	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.38	76.3	Pg	08:30:47.571	0.4					T__		132.8		---	ML	1.5	160003	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.38	76.3	Lg	08:30:53.174	-0.9					T__				---		160000	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
HU09A	0.58	51.0	Lg	08:31:00.087	-0.9					T__				---		160004	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
RONA	1.05	294.5	Lg	08:31:13.703	-0.1					T__				---		160005	FDSN	OE	--	BUD	iLoc	HHN	???	_	
HU10A	1.05	56.6	Sn	08:31:15.407	-1.2					T__				---		160006	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	1.22	167.2	Sn	08:31:20.609	0.7					T__				---		160007	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.24	148.5	Sn	08:31:21.606	1.1					T__				---		160008	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	1.41	298.3	Lg	08:31:24.177	-0.9					T__				---		160009	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	1.59	359.0	Sn	08:31:30.695	0.1					T__				---		160010	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/01	09:30:57.72	1.45	1.33	47.3931	18.3448	11.9	4.4	127	0.0f		13	9	105	0.06	1.32	sx	BUD	18000436	BUD				123

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	18000436

Sta	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	242.4	Pg	09:30:59.678	-0.0					T__		1779.3		---	ML	1.7	160040	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	242.4	Lg	09:31:01.008	-0.7					T__				---		160047	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
HU09A	0.25	5.9	Lg	09:31:07.274	-0.6					T__				---		160048	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.29	277.8	Pg	09:31:04.534	0.5					T__		144.3		---	ML	1.3	160052	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU08A	0.29	277.8	Lg	09:31:08.789	-0.5	T__	---	160049	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
MPLH	0.59	248.2	Lg	09:31:18.855	-0.1	T__	---	160050	FDSN	HU	--	BUD	iLoc	HHN	???	_			
ET1H	1.14	64.2	Sn	09:31:35.052	-2.3	T__	---	160051	FDSN	HU	--	BUD	iLoc	HHN	???	_			
VYHS	1.15	16.5	Pn	09:31:21.177	1.0	T__	21.0	---	ML	1.5	160044	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.15	16.5	Lg	09:31:37.276	-0.5	T__	---	160045	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
PSZ	1.17	62.8	Sn	09:31:36.851	-1.8	T__	---	160041	FDSN	GE	--	BUD	iLoc	HHN	???	_			
MORH	1.20	170.0	Pn	09:31:22.351	2.0	T__	51.7	---	ML	1.9	160043	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.20	170.0	Sn	09:31:37.032	-1.3	T__	---	160042	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KOVH	1.32	187.4	Sn	09:31:42.240	0.9	T__	---	160046	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
2022/02/01	10:25:05.13	1.96	0.88	48.8034	21.2650	12.4	8.1	64	0.0f	12	8	173	0.51	1.31	sx	BUD	18000438	BUD				249

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	3 BUD	18000438

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
ABAH	0.51	181.9	Lg	10:25:23.878	-0.1					T__						160085	FDSN	HU	--	BUD	iLoc	HHN	???	_		
JOS	0.57	237.7	Pg	10:25:15.128	-1.4					T__	97.0				ML	1.8	160089	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.57	237.7	Pb	10:25:17.375	0.9					T__						160084	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_		
JOS	0.57	237.7	Lg	10:25:24.822	-0.3					T__						160086	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
KECS	0.61	238.5	Pg	10:25:18.297	1.0					T__	111.8				ML	1.9	160083	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.61	238.5	Lg	10:25:26.028	-0.4					T__						160082	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
HU02A	0.84	216.1	Pg	10:25:22.027	-0.4					T__	59.2				ML	1.7	160091	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.84	216.1	Lg	10:25:34.403	-1.0					T__						160092	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
NIE	0.88	314.5	Lg	10:25:33.566	-0.8					T__						160090	FDSN	PL	--	BUD	iLoc	BHN	???	_		
TRPA	1.08	128.0	Lg	10:25:42.096	-0.6					T__						160087	FDSN	HU	--	BUD	iLoc	HHN	???	_		
PSZ	1.27	226.4	Sn	10:25:48.165	-0.4					T__						160088	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	1.31	225.7	Sn	10:25:49.747	0.7					T__						160093	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
2022/02/01	11:00:10.25	0.97	0.61	48.1626	16.9360	11.0	3.6	134	0.0f	8	6	176	0.31	1.32	sx	BUD	18000440	BUD				188

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.31	47.1	Pg	11:00:17.455	0.4					T__						160115	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.31	47.1	Lg	11:00:22.197	-0.3					T__						160117	FDSN	SK	--	BUD	iLoc	HHN	???	_

RONA	0.63	223.1	Pg	11:00:22.848	-0.1	T__					59.4	___	ML	1.6	160122	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.63	223.1	Lg	11:00:31.019	-0.4	T__						---			160121	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=0)																							
CONA	0.76	252.4	Lg	11:00:35.030	-0.2	T__						---			160118	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	0.85	34.8	Lg	11:00:39.857	-1.0	T__						---			160119	FDSN	CZ	--	BUD	iLoc	HHN	???	_
KRUC	0.97	338.5	Lg	11:00:43.255	0.1	T__						---			160116	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ARSA	1.32	226.8	Lg	11:00:52.898	0.6	T__						---			160120	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/01	11:31:00.73	2.96	2.07	48.3129	22.2969	43.6	5.0	24	0.0f		11	7	215	0.24	3.98		ke BUD	18000442	BUD			332

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 BUD	18000442

Sta	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	0.24	138.3	Pg	11:31:05.673	-0.2					T__		139.5		---	ML	1.1	160190	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.24	138.3	Lg	11:31:10.975	0.5					T__				---		160191	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ABAH	0.71	269.0	Pg	11:31:14.556	-0.3					T__		163.4		---	ML	2.1	160192	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.71	269.0	Lg	11:31:26.745	0.1					T__				---		160194	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU02A	1.20	261.5	Pg	11:31:24.493	-0.8					T__		56.9		---	ML	1.9	160199	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.20	261.5	Sn	11:31:41.501	-0.9					T__				---		160195	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	1.22	278.7	Pn	11:31:22.743	-1.2					T__		118.3		---	ML	2.3	160197	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.22	278.7	Sn	11:31:39.804	-2.8					T__				---		160198	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
PSZ	1.66	257.1	Sn	11:31:57.019	3.5					T__				---		160200	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.68	256.0	Sn	11:31:55.464	1.8					T__				---		160196	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KRUC	3.98	283.1	Lg	11:33:13.847	2.7					T__				---		160193	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/01	12:44:19.09	1.08	0.42	47.8779	16.0675	13.8	4.0	36	0.0f		7	4	151	0.15	1.50		sx BUD	18000448	BUD			279

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.0	3 BUD	18000448

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	290.1	Pg	12:44:22.269	0.0					T__		158.2		---	ML	0.9	160335	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	290.1	Lg	12:44:24.609	0.1					T__				---		160336	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.24	139.1	Pg	12:44:24.183	0.1					T__		87.7		---	ML	0.9	160334	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	139.1	Lg	12:44:27.339	-0.2					T__				---		160337	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									

(Station ML: 0.9 magdef=1  
 KRUC 1.20 10.3 Pg 12:44:42.253 0.1 T\_\_ 73.6 \_\_\_ ML 2.0 160340 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 KRUC 1.20 10.3 Sn 12:44:58.920 -0.8 T\_\_ \_\_\_ 160338 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1  
 CKRC 1.50 309.4 Sn 12:45:07.135 -0.2 T\_\_ \_\_\_ 160339 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/01	14:17:21.05	1.05	1.29	46.4828	16.2980	8.5	6.6	96	8.0f		7	4	236	0.05	0.93	ke	BUD	18000450	BUD			338

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	3 BUD	18000450

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.05	223.6	Pg	14:17:22.251	-0.7					T__		1468.8		___	ML	1.6	160363	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.05	223.6	Lg	14:17:23.519	-0.8					T__				___		160364	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
PTJ	0.62	201.8	Pg	14:17:34.556	1.0					T__		112.3		___	ML	1.9	160365	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.62	201.8	Lg	14:17:41.170	-1.3					T__				___		160366	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
CRES	0.88	222.0	Lg	14:17:49.255	-1.6					T__				___		160367	FDSN	SL	--	BUD	iLoc	BHN	???	_	
ARSA	0.93	325.6	Pn	14:17:39.645	-0.2					T__		79.6		___	ML	1.9	160369	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.93	325.6	Lg	14:17:50.780	-0.1					T__				___		160368	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/01	14:44:27.86	1.14	0.97	48.5559	20.8188	6.7	3.9	12	0.0f		11	7	154	0.20	0.93	sx	BUD	18000452	BUD			240

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	18000452

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.20	252.2	Pg	14:44:32.256	0.3					T__		270.9		___	ML	1.3	160398	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	252.2	Lg	14:44:35.314	0.1					T__				___		160400	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
KECS	0.23	252.0	Pg	14:44:33.031	0.3					T__		575.6		___	ML	1.7	160397	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	252.0	Lg	14:44:36.480	-0.0					T__				___		160401	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
ABAH	0.38	132.7	Pg	14:44:36.090	0.3					T__		76.5		___	ML	1.2	160399	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	132.7	Lg	14:44:41.799	-0.7					T__				___		160402	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
HU02A	0.48	204.4	Pg	14:44:39.067	1.1					T__		62.5		___	ML	1.4	160407	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	204.4	Lg	14:44:44.933	-0.7					T__				___		160403	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1																									



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(Station ML: 1.4 magdef=1
PSZ 0.89 224.4 Lg 14:44:58.379 -1.5 T__ --- 160404 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.93 223.4 Lg 14:44:59.269 -1.6 T__ --- 160406 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.93 338.6 Lg 14:44:58.046 -0.5 T__ --- 160405 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
2022/02/02 08:47:03.15 0.91 0.71 47.8440 16.3034 5.4 3.3 46 0.0f 12 8 82 0.14 1.65 ke BUD 18000458 BUD 131

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Magnitude Err Nsta Author OrigID
ML 1.4 0.5 5 BUD 18000458

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.14 181.9 Pg 08:47:06.261 -0.1 T__ 470.5 --- ML 1.4 160645 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.14 181.9 Lg 08:47:08.132 -0.6 T__ --- 160644 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SOP 0.24 133.0 Pg 08:47:08.619 0.5 T__ 92.8 --- ML 0.9 160648 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 133.0 Lg 08:47:12.059 0.3 T__ --- 160649 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
CONA 0.31 286.0 Pg 08:47:09.417 -0.0 T__ 71.3 --- ML 1.0 160642 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.31 286.0 Lg 08:47:13.584 -0.2 T__ --- 160643 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A008A 0.68 320.5 Pg 08:47:16.828 0.6 T__ 97.5 --- ML 1.9 160646 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.68 320.5 Lg 08:47:25.835 0.2 T__ --- 160647 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ARSA 0.79 222.0 Lg 08:47:28.209 -0.3 T__ --- 160650 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.84 50.6 Lg 08:47:32.394 -1.0 T__ --- 160651 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.22 2.8 Sn 08:47:43.032 -1.2 T__ --- 160652 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.65 307.0 Pg 08:47:35.018 0.9 T__ 109.1 --- ML 2.5 160653 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/02 11:02:03.32 1.08 1.22 47.8534 20.1594 7.5 3.0 156 0.0f 18 11 157 0.19 1.57 sx BUD 18000460 BUD 211

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 18000460

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Sta 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 0.19 290.1 Pg 11:02:08.652 0.7 T__ 599.9 --- ML 1.6 160710 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.19 290.1 Lg 11:02:10.921 -0.8 T__ --- 160714 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.20 277.7 Pg 11:02:08.581 0.7 T__ 447.7 --- ML 1.5 160711 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.20 277.7 Lg 11:02:10.921 -0.6 T__ --- 160715 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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HU02A	0.36	42.3	Pg	11:02:11.170	-0.1	T__	134.8	___	ML	1.4	160712	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	42.3	Lg	11:02:16.382	-1.1	T__		---			160716	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
HU03A	0.38	277.8	Pg	11:02:12.765	1.2	T__	134.2	___	ML	1.5	160718	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.38	277.8	Lg	11:02:17.092	-0.5	T__		---			160717	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU01A	0.63	215.8	Lg	11:02:25.248	-1.4	T__		---			160719	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.67	19.0	Pg	11:02:17.801	1.0	T__	82.6	---	ML	1.8	160721	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.67	19.0	Lg	11:02:26.666	-0.3	T__		---			160720	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JOS	0.69	21.4	Pg	11:02:17.482	0.3	T__	48.5	---	ML	1.6	160713	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	21.4	Lg	11:02:27.304	-0.4	T__		---			160722	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU10A	0.77	269.8	Lg	11:02:29.716	-1.8	T__		---			160723	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	0.85	58.2	Pg	11:02:22.056	1.8	T__	71.7	---	ML	1.8	160725	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	58.2	Lg	11:02:32.836	-1.2	T__		---			160724	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
VYHS	1.09	306.4	Lg	11:02:39.929	-1.4	T__		---			160726	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	1.57	3.3	Sn	11:02:55.886	2.1	T__		---			160727	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
2022/02/02	11:19:43.58	1.27	0.90	48.8333	21.1308	8.7	5.3	103	0.0f		11	7	127	0.52	1.27	sx	BUD	18000462	BUD			252

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	18000462

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.52	229.5	Pg	11:19:54.521	0.6					T__		70.3		___	ML	1.6	160763	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	229.5	Lg	11:20:01.471	-0.3					T__				---		160770	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.55	230.9	Pg	11:19:55.221	0.6					T__	110.2			___	ML	1.8	160764	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.55	230.9	Lg	11:20:02.739	-0.3					T__				---		160769	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOLS	0.76	82.0	Lg	11:20:10.193	-0.2					T__				---		160766	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.80	317.3	Pg	11:19:59.033	0.3					T__	30.3			---	ML	1.4	160772	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.80	317.3	Lg	11:20:09.175	-0.9					T__				---		160771	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.82	209.8	Pg	11:20:00.425	-0.0					T__	52.9			---	ML	1.7	160765	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.82	209.8	Lg	11:20:11.773	-1.3					T__				---		160773	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	1.23	222.5	Sn	11:20:24.441	-1.6					T__				---		160767	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.27	221.8	Sn	11:20:25.799	-0.7					T__				---		160768	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
2022/02/02	11:45:07.53	1.00	1.05	46.0688	22.0598	7.0	4.1	37	0.0f	10	6	161	0.34	1.35	sx	BUD	18000464	BUD				171

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	18000464

Sta	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	0.34	305.7	Pg	11:45:15.138	0.3					T__		265.7		___	ML	1.7	160802	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.34	305.7	Lg	11:45:20.048	-0.6					T__				---		160803	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BZS	0.55	214.6	Pg	11:45:19.025	0.7					T__		51.6		___	ML	1.5	160805	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.55	214.6	Lg	11:45:25.470	-0.8					T__				---		160804	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
DEV	0.62	107.2	Lg	11:45:28.475	0.5					T__				---		160811	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.84	143.1	Pg	11:45:24.038	0.4					T__		101.0		---	ML	2.0	160806	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.84	143.1	Lg	11:45:34.166	-1.3					T__				---		160807	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU06A	1.22	302.5	Sn	11:45:49.102	0.7					T__				---		160808	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
LOT	1.35	116.8	Pg	11:45:33.347	0.1					T__		100.7		---	ML	2.3	160810	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.35	116.8	Lg	11:45:50.841	-1.9					T__				---		160809	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/02	12:23:01.45	0.99	0.35	47.8863	16.0855	6.4	4.0	27	0.0f	9	6	84	0.16	1.51	sx	BUD	18000466	BUD				152

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	3 BUD	18000466

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	285.7	Pg	12:23:04.858	0.1					T__		195.6		___	ML	1.0	160838	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	285.7	Lg	12:23:07.375	0.2					T__				---		160839	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.23	142.6	Pg	12:23:06.560	0.1					T__		87.4		___	ML	0.9	160840	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	142.6	Lg	12:23:10.000	0.1					T__				---		160844	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
ARSA	0.74	211.1	Pg	12:23:15.354	-0.5					T__		61.2		___	ML	1.7	160841	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	211.1	Lg	12:23:25.035	-0.1					T__				---		160842	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MODS	0.94	58.1	Lg	12:23:34.574	-0.3					T__				---		160845	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.19	9.8	Sn	12:23:42.163	0.4					T__				---		160843	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.51	308.9	Sn	12:23:50.263	0.4					T__				---		160846	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/02	22:04:42.02	0.94	0.40	47.8450	16.2630	5.7	3.7	27	2.2	29.7	11	6	77	0.15	1.22	ke	BUD	18000470	BUD			143

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.3	5 BUD	18000470

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.15	171.2	Pg	22:04:45.221	-0.0					T__		211.1		___	ML	1.0	160932	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.15	171.2	Lg	22:04:47.189	-0.4					T__				---		160931	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)				(Station ML: 1.0 magdef=1)																	
SOP	0.26	129.0	Pg	22:04:47.579	0.3					T__		62.1		___	ML	0.8	160933	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	129.0	Lg	22:04:51.134	0.2					T__				---		160936	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)				(Station ML: 0.8 magdef=1)																	
CONA	0.28	287.3	Pg	22:04:47.854	0.0					T__		37.0		___	ML	0.7	160930	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	287.3	Lg	22:04:52.189	0.4					T__				---		160937	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)				(Station ML: 0.7 magdef=0)																	
ARSA	0.78	220.4	Pg	22:04:56.888	-0.2					T__		48.3		___	ML	1.6	160934	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.78	220.4	Lg	22:05:06.968	0.1					T__				---		160938	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)				(Station ML: 1.6 magdef=1)																	
MODS	0.86	51.7	Lg	22:05:11.645	-0.5					T__				---		160939	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.22	4.1	Pn	22:05:05.416	-0.1					T__		43.2		---	ML	1.8	160935	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	4.1	Sn	22:05:21.950	-0.6					T__				---		160940	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1)				(Station ML: 1.8 magdef=0)																	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/03	04:28:44.43	1.17	0.83	47.8235	16.2854	7.6	4.1	40	0.0f		8	5	123	0.12	1.24	ke	BUD	18000474	BUD			196

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.1	4 BUD	18000474

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.12	176.6	Pg	04:28:47.231	-0.0					T__		139.8		___	ML	0.8	161031	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	176.6	Lg	04:28:49.134	-0.2					T__				---		161030	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)				(Station ML: 0.8 magdef=1)																	
SOP	0.23	127.2	Pg	04:28:49.545	0.2					T__		63.6		___	ML	0.7	161032	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 0.7 magdef=1)				(Station ML: 0.7 magdef=1)																	
CONA	0.30	290.3	Pg	04:28:50.981	0.3					T__		37.5		___	ML	0.7	161028	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	290.3	Lg	04:28:54.091	-0.8					T__				---		161029	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)				(Station ML: 0.7 magdef=1)																	
ARSA	0.77	222.3	Pg	04:28:59.698	0.3					T__		32.8		___	ML	1.4	161034	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	222.3	Lg	04:29:09.375	0.3					T__				---		161033	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)				(Station ML: 1.4 magdef=1)																	
KRUC	1.24	3.3	Sn	04:29:24.430	-1.6					T__				---		161035	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/03	04:35:28.98	1.11	0.66	47.8482	16.4058	6.7	4.1	59	0.0f		10	6	148	0.17	1.21	ke	BUD	18000476	BUD			206

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	5 BUD	18000476

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.17	206.5	Pg	04:35:32.981	0.4					T__		172.9		___	ML	1.0	161065	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.17	206.5	Lg	04:35:34.948	-0.3					T__				---		161066	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)								(Station ML: 1.0 magdef=1)													
SOP	0.19	148.0	Pg	04:35:33.219	0.0					T__		60.9		___	ML	0.6	161069	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 0.6 magdef=1)								(Station ML: 0.6 magdef=0)													
CONA	0.37	282.5	Pg	04:35:36.628	0.1					T__		35.0		___	ML	0.9	161072	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.37	282.5	Lg	04:35:40.470	-1.2					T__				---		161071	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.9 magdef=1)								(Station ML: 0.9 magdef=1)													
A008A	0.73	316.2	Pg	04:35:43.719	0.8					T__		31.6		___	ML	1.4	161068	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.73	316.2	Lg	04:35:52.774	-0.1					T__				---		161067	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 1.4 magdef=1)								(Station ML: 1.4 magdef=1)													
ARSA	0.85	225.3	Lg	04:35:55.993	0.0					T__				---		161070	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	359.7	Pn	04:35:53.092	0.4					T__		41.8		___	ML	1.8	161074	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	359.7	Sn	04:36:09.336	-0.6					T__				---		161073	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)								(Station ML: 1.8 magdef=0)													

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/03	05:26:33.63	0.97	0.51	47.7743	16.2419	11.8	3.8	32	11.0f		7	4	147	0.08	1.29	ke	BUD	18000478	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.1	3 BUD	18000478

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.08	153.8	Pg	05:26:36.514	0.0					T__		77.1		___	ML	0.4	161121	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.08	153.8	Lg	05:26:38.453	-0.1					T__				---		161122	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.4 magdef=1)								(Station ML: 0.4 magdef=1)													
SOP	0.23	113.0	Pg	05:26:38.970	0.2					T__		58.2		___	ML	0.7	161123	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	113.0	Lg	05:26:41.874	-0.5					T__				---		161124	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)								(Station ML: 0.7 magdef=1)													
CONA	0.30	301.2	Pg	05:26:39.851	-0.2					T__		30.8		___	ML	0.6	161126	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	301.2	Lg	05:26:44.936	0.5					T__				---		161127	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.6 magdef=1)								(Station ML: 0.6 magdef=1)													
KRUC	1.29	4.5	Sn	05:27:13.560	-0.7					T__				---		161125	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/03	06:04:38.39	1.11	0.67	47.8349	16.2811	7.7	3.7	34	0.0f	8	5	125	0.14	1.23	ke	BUD	18000480	BUD				200

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.2	3 BUD	18000480

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	175.6	Pg	06:04:41.532	0.1					T__		74.0		___	ML	0.5	161151	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	175.6	Lg	06:04:43.448	-0.2					T__				---		161152	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
SOP	0.24	128.9	Pg	06:04:43.834	0.3					T__		60.7		___	ML	0.8	161154	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	128.9	Lg	06:04:46.542	-0.6					T__				---		161155	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.30	288.5	Pg	06:04:44.616	0.1					T__		33.2		___	ML	0.6	161157	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	288.5	Lg	06:04:48.348	-0.3					T__				---		161156	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
ARSA	0.78	221.6	Lg	06:05:03.419	0.2					T__				---		161153	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.23	3.5	Sn	06:05:18.392	-1.3					T__				---		161158	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/03	07:26:21.09	1.11	0.58	47.8602	16.2837	6.1	5.5	0	0.0f	7	5	106	0.16	1.20	ke	BUD	18000482	BUD					186

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.16	177.0	Pg	07:26:24.660	0.0					T__		88.7		___	ML	0.7	161181	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.16	177.0	Lg	07:26:26.544	-0.6					T__				---		161180	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.26	133.6	Pg	07:26:26.984	0.5					T__		56.8		___	ML	0.8	161184	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	133.6	Lg	07:26:30.350	0.0					T__				---		161185	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.29	283.6	Lg	07:26:31.324	0.1					T__				---		161182	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.84	52.0	Lg	07:26:50.528	-0.8					T__				---		161186	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	3.5	Sn	07:27:01.531	-0.2					T__				---		161183	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/03	08:16:16.80	1.45	0.64	46.1158	18.1071	15.5	5.4	113	0.0f	4	3	184	0.03	0.42	sx	BUD	18000484	BUD					299

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	190.3	Pg	08:16:18.278	0.2					T__		835.2		_c_	ML	1.3	161222	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	190.3	Lg	08:16:18.975	-0.5					T__				---		161223	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									

```
(Station ML: 1.3 magdef=0
MORH 0.39 74.9 Lg 08:16:31.231 -0.1 T__ --- 161225 FDSN HU -- BUD iLoc HHN ??? _
A266A 0.42 14.9 Lg 08:16:32.402 -0.3 T__ --- 161224 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
2022/02/03 09:34:12.66 0.94 1.36 48.5545 20.7410 4.7 3.8 6 0.0f 17 9 127 0.15 1.27 sx BUD 18000486 BUD 200
```

```
Magnitude Err Nsta Author OrigID
ML 1.3 0.1 8 BUD 18000486
```

```
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.15 246.4 Pg 09:34:16.002 0.2 T__ 289.1 --- ML 1.2 161259 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.15 246.4 Lg 09:34:19.318 1.0 T__ --- 161260 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.18 247.3 Pg 09:34:16.402 -0.2 T__ 631.8 --- ML 1.6 161261 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.18 247.3 Lg 09:34:20.427 0.8 T__ --- 161264 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.42 127.7 Pg 09:34:22.480 1.2 T__ 68.4 --- ML 1.3 161262 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.42 127.7 Lg 09:34:25.956 -2.6 T__ --- 161265 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.46 198.5 Pg 09:34:22.638 0.3 T__ 47.7 --- ML 1.2 161273 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 198.5 Lg 09:34:28.565 -1.2 T__ --- 161266 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.85 222.0 Lg 09:34:42.957 -0.5 T__ --- 161267 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.89 221.0 Pn 09:34:31.607 0.3 T__ 31.0 --- ML 1.5 161275 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.89 221.0 Lg 09:34:43.863 -0.5 T__ --- 161269 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
NIE 0.91 341.6 Pg 09:34:29.886 0.0 T__ 20.1 --- ML 1.3 161274 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.91 341.6 Lg 09:34:42.471 -0.4 T__ --- 161268 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VYHS 1.27 268.0 Pn 09:34:37.100 0.3 T__ 12.4 --- ML 1.3 161263 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.27 268.0 Sn 09:34:53.709 -2.2 T__ --- 161272 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
TRPA 1.27 108.8 Pn 09:34:35.971 -0.6 T__ 51.5 --- ML 1.9 161271 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.27 108.8 Sn 09:34:52.874 -2.9 T__ --- 161270 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/03 09:47:04.39 0.23 0.30 47.8322 19.1183 3.7 2.2 170 0.0A 0.0 21 13 86 0.07 1.41 m kx BUD 18000488 BUD 360
2022/02/03 09:47:02.60 0.83 1.23 47.8327 19.1394f 0.0f 21 13 85 0.08 1.42 kx BUD_GT 18000489 BUD_GT 147
```

```
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)
```

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 8 BUD 18000489

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	09:47:05.695	0.9					T__		1187.4		_c_	ML	1.6	161327	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	09:47:06.390	-0.4					T__				---		161328	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.50	84.3	Pg	09:47:13.619	0.3					T__		38.7		---	ML	1.3	161330	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	09:47:20.423	-0.6					T__				---		161329	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.52	80.1	Pg	09:47:14.778	0.9					T__		54.1		---	ML	1.5	161331	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	09:47:21.071	-1.1					T__				---		161332	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU09A	0.55	249.5	Lg	09:47:21.014	-2.0					T__				---		161333	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU01A	0.59	146.1	Lg	09:47:23.527	-1.0					T__				---		161334	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.1	Pg	09:47:18.327	1.6					T__		14.6		---	ML	1.0	161336	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	09:47:26.522	-0.5					T__				---		161335	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
CSKK	0.76	232.0	Pg	09:47:19.014	1.2					T__		106.7		---	ML	1.9	161337	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.76	232.0	Lg	09:47:28.307	-2.0					T__				---		161338	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU08A	0.92	244.4	Lg	09:47:33.564	-1.7					T__				---		161339	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.2	Pg	09:47:23.655	0.9					T__		32.1		---	ML	1.5	161341	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	09:47:36.240	-1.9					T__				---		161340	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	1.11	53.7	Pn	09:47:25.338	1.0					T__		101.5		---	ML	2.1	161342	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Sn	09:47:40.557	-1.0					T__				---		161343	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
JOS	1.15	54.2	Pg	09:47:26.207	0.8					T__		29.8		---	ML	1.6	161345	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	09:47:41.720	-0.7					T__				---		161344	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MODS	1.36	294.1	Sn	09:47:46.688	-1.6					T__				---		161346	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	1.42	316.9	Sn	09:47:50.031	-0.4					T__				---		161347	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/03	10:02:25.37	0.99	1.62	47.8797	16.5072	7.7	3.7	132	0.0f		8	5	172	0.23	1.19	sx	BUD	18000490	BUD			221

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.23	218.4	Pg	10:02:29.689	-0.5					T__		43.0		---	ML	0.6	161381	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	218.4	Lg	10:02:33.402	-0.2					T__				---		161384	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									



```

(Station ML: 0.6 magdef=1
CONA 0.44 276.6 Pg 10:02:34.847 0.7 T__ 47.0 --- ML 1.2 161380 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.44 276.6 Lg 10:02:39.823 -0.3 T__ --- 161385 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MODS 0.71 45.9 Pg 10:02:41.323 1.2 T__ --- 161382 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.71 45.9 Lg 10:02:49.993 -1.4 T__ --- 161383 FDSN SK -- BUD iLoc HHN ??? _
ARSA 0.92 227.0 Lg 10:02:56.290 1.7 T__ --- 161386 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.19 356.4 Lg 10:03:03.143 -2.5 T__ --- 161387 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/03 11:00:12.18 1.06 0.79 48.1420 16.9606 9.5 4.3 136 0.0f 10 7 151 0.31 1.32 sx BUD 18000492 BUD 183

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.31 42.3 Pg 11:00:19.369 0.3 T__ --- 161410 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.31 42.3 Lg 11:00:24.601 0.1 T__ --- 161411 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.63 225.5 Lg 11:00:32.503 -0.7 T__ --- 161412 FDSN OE -- BUD iLoc HHN ??? _
CONA 0.77 254.2 Lg 11:00:36.994 -0.5 T__ --- 161413 FDSN OE -- BUD iLoc HHN ??? _
JAVC 0.86 33.1 Lg 11:00:41.846 -1.3 T__ --- 161414 FDSN CZ -- BUD iLoc HHN ??? _
KRUC 0.99 338.0 Pg 11:00:31.994 0.7 T__ 28.0 --- ML 1.5 161416 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.99 338.0 Lg 11:00:45.384 -0.6 T__ --- 161415 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VVHS 1.30 73.6 Sn 11:00:55.551 -0.7 T__ --- 161419 FDSN SK -- BUD iLoc HHN ??? _
ARSA 1.32 228.0 Pn 11:00:38.164 0.7 T__ 47.4 --- ML 1.9 161418 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.32 228.0 Lg 11:00:54.189 0.0 T__ --- 161417 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/04 08:34:22.54 0.91 0.53 47.8358 16.2811 5.2 3.4 34 2.6 29.4 13 7 78 0.14 1.23 ke BUD 18000498 BUD 125

```

Magnitude Err Nsta Author OrigID  
ML 1.1 0.1 5 BUD 18000498

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.14 175.7 Pg 08:34:25.335 -0.2 T__ 244.4 _d ML 1.1 161700 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.14 175.7 Lg 08:34:27.379 -0.4 T__ --- 161699 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SOP 0.24 129.1 Pg 08:34:27.878 0.4 T__ 103.3 --- ML 1.0 161701 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 129.1 Lg 08:34:31.166 0.2 T__ --- 161702 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA 0.30 288.3 Pg 08:34:28.664 0.0 T__ 55.3 --- ML 0.9 161698 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 288.3 Lg 08:34:32.871 0.1 T__ --- 161708 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0

```

A008A	0.68	321.9	Pg	08:34:35.757	0.2	T__	83.6	---	ML	1.8	161704	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	321.9	Lg	08:34:44.849	-0.0	T__		---			161703	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ARSA	0.78	221.5	Lg	08:34:47.577	0.2	T__		---			161709	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.86	50.8	Pg	08:34:40.312	0.6	T__		---			161705	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.86	50.8	Lg	08:34:51.653	-0.9	T__		---			161710	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.23	3.5	Pn	08:34:45.599	-0.5	T__	78.7	---	ML	2.1	161706	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	3.5	Sn	08:35:02.391	-0.8	T__		---			161707	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/04	09:56:20.47	1.23	0.77	48.5378	20.8054	7.0	5.9	21	0.0f		14	9	129	0.18	1.31	sx	BUD	18000502	BUD			199

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	5 BUD	18000502

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.18	256.7	Pg	09:56:24.687	0.4					T__		330.9		---	ML	1.3	161793	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	256.7	Lg	09:56:27.321	-0.0					T__				---		161794	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KECS	0.22	255.7	Pg	09:56:25.173	0.1					T__	590.0			---	ML	1.7	161796	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	255.7	Lg	09:56:28.429	-0.2					T__				---		161795	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.38	129.7	Lg	09:56:34.666	-0.2					T__				---		161797	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.46	204.3	Lg	09:56:37.248	-0.3					T__				---		161798	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.87	224.8	Lg	09:56:51.274	-0.6					T__				---		161799	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.91	223.8	Pn	09:56:39.412	0.1					T__	86.0			---	ML	1.9	161802	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	223.8	Lg	09:56:52.143	-0.6					T__				---		161801	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
NIE	0.94	339.5	Lg	09:56:50.864	-0.8					T__				---		161800	FDSN	PL	--	BUD	iLoc	BHN	???	_	
TRPA	1.23	108.8	Pn	09:56:44.983	1.2					T__	81.8			---	ML	2.1	161803	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.23	108.8	Sn	09:57:01.044	-1.4					T__				---		161804	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
VYHS	1.31	268.8	Pn	09:56:45.925	0.8					T__	20.5			---	ML	1.5	161805	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	268.8	Sn	09:57:03.925	-0.8					T__				---		161806	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/04	10:00:25.92	0.86	0.78	48.5767	17.5046	4.5	3.1	124	0.0f		14	8	121	0.25	1.28	sx	BUD	18000504	BUD			195

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	5 BUD	18000504

Sta	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	0.25	216.7	Pg	10:00:31.369	-0.2					T__						161842	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.25	216.7	Lg	10:00:34.881	-1.2					T__						161844	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.30	21.2	Pg	10:00:32.395	-0.2					T__		244.0			ML	1.5	161843	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.30	21.2	Lg	10:00:36.639	-1.2					T__						161845	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KRUC	0.88	303.9	Lg	10:00:55.256	-0.5					T__						161855	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.89	94.8	Pg	10:00:44.289	0.4					T__		18.9			ML	1.3	161847	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.89	94.8	Lg	10:00:56.801	0.0					T__						161846	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
VRAC	0.95	321.0	Pg	10:00:45.023	1.2					T__		21.7			ML	1.4	161848	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.95	321.0	Lg	10:00:56.914	-0.9					T__						161849	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
RONA	1.19	223.1	Lg	10:01:05.551	0.5					T__						161850	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.20	1.2	Pn	10:00:50.242	0.7					T__		64.5			ML	2.0	161852	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.20	1.2	Lg	10:01:05.096	0.1					T__						161851	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CONA	1.28	240.0	Pn	10:00:51.043	0.3					T__		69.9			ML	2.1	161854	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.28	240.0	Lg	10:01:08.019	0.6					T__						161853	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/04	11:41:49.43	3.17	0.76	46.7889	22.8294	30.9	14.5	25	0.0f		8	5	241	0.08	1.49	sx	BUD	18000506	BUD			276

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	3 BUD	18000506

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.08	272.0	Pg	11:41:51.402	-0.1					T__		120.8			ML	0.6	161883	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.08	272.0	Lg	11:41:53.487	0.2					T__						161886	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SIRR	0.96	237.6	Lg	11:42:22.313	-0.3					T__						161887	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.40	181.5	Pn	11:42:16.134	0.5					T__		32.5			ML	1.8	161884	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.40	181.5	Sn	11:42:34.499	-1.1					T__						161885	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	1.44	216.1	Sn	11:42:37.272	1.1					T__						161888	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.49	153.7	Pn	11:42:17.412	0.2					T__		56.3			ML	2.1	161890	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.49	153.7	Sn	11:42:38.778	0.3					T__						161889	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/04	13:55:12.56	0.87	0.64	47.8381	16.2668	4.9	3.4	32	3.5		20.4	16	8	76	0.14	1.49	ke	BUD	18000508	BUD			120

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.4 7 BUD 18000508

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.14	171.8	Pg	13:55:15.603	-0.1					T__		396.8		---	ML	1.3 161972	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	171.8	Lg	13:55:17.689	-0.2					T__				---		161971	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
SOP	0.25	128.1	Pg	13:55:18.091	0.4					T__		120.8		---	ML	1.1 161976	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	128.1	Lg	13:55:21.439	0.1					T__				---		161975	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
CONA	0.29	288.4	Pg	13:55:18.219	-0.3					T__		69.9		---	ML	0.9 161969	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	288.4	Lg	13:55:22.500	-0.0					T__				---		161970	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=0)																								
A008A	0.67	322.4	Pg	13:55:26.131	0.7					T__		147.7		---	ML	2.0 161973	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.67	322.4	Lg	13:55:35.176	0.5					T__				---		161974	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
ARSA	0.77	220.9	Pg	13:55:26.981	-0.6					T__		100.3		---	ML	1.9 161977	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	220.9	Lg	13:55:37.737	0.4					T__				---		161978	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
MODS	0.86	51.3	Pg	13:55:30.457	0.6					T__				---		161979	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.86	51.3	Lg	13:55:41.213	-1.6					T__				---		161980	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.23	3.9	Pn	13:55:35.689	-0.3					T__		78.2		---	ML	2.1 161981	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	3.9	Sn	13:55:52.481	-0.5					T__				---		161982	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=0)																								
VRAC	1.49	8.3	Pn	13:55:39.512	-0.1					T__		26.4		---	ML	1.7 161983	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.49	8.3	Sn	13:55:59.304	-0.1					T__				---		161984	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/04 23:11:16.19 1.10 0.17 47.7726 16.2285 13.8 5.6 27 11.0f 5 3 169 0.09 0.29 ke BUD 18000510 BUD 323

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.09	147.9	Pg	23:11:19.106	0.0					T__		105.3		_d	ML	0.6 162012	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	147.9	Lg	23:11:21.137	-0.0					T__				---		162013	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																								
(Station ML: 0.6 magdef=1)																								
SOP	0.24	111.7	Pg	23:11:21.571	0.1					T__		115.9		---	ML	1.0 162014	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	111.7	Lg	23:11:24.928	-0.2					T__				---		162015	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
CONA	0.29	302.4	Lg	23:11:26.734	-0.1					T__				---		162016	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/05	00:31:13.86	0.90	0.62	47.8472	16.2995	4.3	3.8	26	0.0f		11	6	82	0.15	1.22	ke	BUD	18000512	BUD			141

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.3	4 BUD	18000512

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.15	180.8	Pg	00:31:16.993	-0.1					T__		92.9		_d	ML	0.7	162042	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.15	180.8	Lg	00:31:19.024	-0.5					T__						162043	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.24	133.1	Pg	00:31:19.435	0.5					T__		65.4		___	ML	0.8	162045	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	133.1	Lg	00:31:22.820	0.3					T__				___		162044	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.31	285.6	Pg	00:31:20.289	0.2					T__		85.1		___	ML	1.1	162050	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	285.6	Lg	00:31:24.625	0.3					T__				___		162049	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ARSA	0.80	221.7	Lg	00:31:39.411	0.1					T__				___		162046	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.84	50.8	Pg	00:31:31.390	0.3					T__				___		162051	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.84	50.8	Lg	00:31:42.914	-1.2					T__				___		162052	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.22	3.0	Pn	00:31:37.106	-0.5					T__		108.6		___	ML	2.2	162047	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	3.0	Sn	00:31:54.045	-0.8					T__				___		162048	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/05	01:37:57.42	1.08	0.05	47.7578	16.2494	12.7	5.6	24	11.0f		5	3	166	0.07	0.31	ke	BUD	18000514	BUD			318

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.07	151.4	Pg	01:38:00.027	-0.0					T__		82.0		___	ML	0.4	162074	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.07	151.4	Lg	01:38:02.039	0.1					T__				___		162075	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
SOP	0.22	109.5	Pg	01:38:02.359	-0.0					T__		83.8		___	ML	0.8	162077	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.22	109.5	Lg	01:38:05.789	-0.0					T__				___		162076	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.31	303.3	Lg	01:38:08.652	0.0					T__				___		162078	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/05	07:53:00.81	1.11	0.56	47.8160	16.2607	7.3	3.8	38	5.5	19.0	12	6	119	0.12	1.25	ke	BUD	18000516	BUD			164

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	6 BUD	18000516

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	168.3	Pg	07:53:03.695	0.1					T__		314.9		_d	ML	1.1	162107	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	168.3	Lg	07:53:05.679	-0.0					T__						162108	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
SOP	0.24	123.4	Pg	07:53:05.579	-0.3					T__		126.7		---	ML	1.1	162110	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	123.4	Lg	07:53:09.503	0.2					T__						162109	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
CONA	0.29	292.8	Pg	07:53:06.329	-0.5					T__		124.0		---	ML	1.2	162111	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	292.8	Lg	07:53:11.762	0.8					T__						162117	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A008A	0.69	323.8	Pg	07:53:14.250	0.2					T__		124.8		---	ML	2.0	162112	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	323.8	Lg	07:53:23.396	-0.0					T__						162113	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ARSA	0.75	221.7	Pg	07:53:15.164	-0.3					T__		81.0		---	ML	1.8	162114	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.75	221.7	Lg	07:53:25.554	0.6					T__						162118	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KRUC	1.25	4.1	Pn	07:53:23.871	-0.4					T__		118.4		---	ML	2.3	162115	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.25	4.1	Sn	07:53:40.500	-0.9					T__						162116	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/05	08:16:05.50	1.07	0.52	47.7643	16.2430	12.6	5.6	26	11.0f		6	4	151	0.07	1.30	ke	BUD	18000518	BUD			213

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.07	150.9	Pg	08:16:08.240	0.0					T__		123.9		---	ML	0.6	162145	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.07	150.9	Lg	08:16:10.207	-0.0					T__						162146	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SOP	0.23	110.7	Pg	08:16:10.628	0.1					T__		87.7		---	ML	0.9	162148	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	110.7	Lg	08:16:13.975	-0.1					T__						162147	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
CONA	0.30	302.7	Lg	08:16:16.499	0.0					T__						162149	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.30	4.4	Sn	08:16:45.498	-0.9					T__						162150	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/05	13:00:52.59	0.88	0.66	47.8379	16.2673	5.8	3.7	22	4.4	15.8	16	9	76	0.14	1.63	ke	BUD	18000520	BUD			120

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	18000520

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

RONA	0.14	171.9	Pg	13:00:55.673	-0.1	T__	866.2	_d_ ML	1.6	162183	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	171.9	Lg	13:00:57.676	-0.3	T__		---		162184	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.6 magdef=1)														
				(Station ML: 1.6 magdef=1)														
SOP	0.25	128.1	Pg	13:00:57.987	0.2	T__	179.4	_c_ ML	1.2	162186	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	128.1	Lg	13:01:01.463	0.1	T__		---		162185	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.2 magdef=1)														
				(Station ML: 1.2 magdef=1)														
CONA	0.29	288.5	Pg	13:00:58.253	-0.3	T__	134.7	___ ML	1.2	162187	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	288.5	Lg	13:01:03.676	1.1	T__		---		162188	FDSN	OE	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.2 magdef=1)														
				(Station ML: 1.2 magdef=0)														
ARSA	0.77	220.9	Pg	13:01:07.143	-0.5	T__	81.6	___ ML	1.8	162190	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	220.9	Lg	13:01:17.515	0.2	T__		---		162189	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.8 magdef=1)														
				(Station ML: 1.8 magdef=1)														
MODS	0.86	51.3	Pn	13:01:11.112	0.2	T__		---		162191	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.86	51.3	Lg	13:01:22.344	-0.5	T__		---		162192	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.23	3.9	Pn	13:01:15.832	-0.0	T__	92.5	_c_ ML	2.1	162193	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	3.9	Sn	13:01:32.661	-0.2	T__		---		162194	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.1 magdef=1)														
				(Station ML: 2.1 magdef=0)														
VRAC	1.49	8.3	Pn	13:01:19.683	0.2	T__	28.3	___ ML	1.8	162195	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.49	8.3	Sn	13:01:39.238	-0.1	T__		---		162196	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.8 magdef=1)														
				(Station ML: 1.8 magdef=1)														
TREC	1.55	340.7	Sn	13:01:42.280	1.8	T__		---		162197	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.63	307.7	Lg	13:01:45.133	-0.3	T__		---		162198	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/05	18:33:59.49	0.99	0.42	47.8390	16.2830	5.6	3.7	32	5.6	18.4	14	8	79	0.14	1.64	ke	BUD	18000522	BUD			126

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.6	6 BUD	18000522

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
RONA	0.14	176.3	Pg	18:34:02.451	-0.2					T__		113.2		_d_ ML	0.7	162237	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	176.3	Lg	18:34:04.472	-0.5					T__				---		162238	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.7 magdef=1)																				
				(Station ML: 0.7 magdef=0)																				
SOP	0.24	129.9	Pg	18:34:05.076	0.5					T__		97.8		___ ML	1.0	162240	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	129.9	Lg	18:34:08.350	0.3					T__				---		162239	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.0 magdef=1)																				
				(Station ML: 1.0 magdef=1)																				
CONA	0.30	287.6	Pg	18:34:05.853	0.2					T__		98.1		___ ML	1.1	162241	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	287.6	Lg	18:34:09.713	-0.2					T__				---		162242	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.1 magdef=1)																				
				(Station ML: 1.1 magdef=1)																				
A008A	0.68	321.7	Pg	18:34:12.951	0.4					T__		88.1		___ ML	1.8	162244	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	321.7	Lg	18:34:21.823	0.0					T__				---		162243	FDSN	Z3	00	BUD	iLoc	HH2	???	_
				(Reading ML: 1.8 magdef=1)																				
				(Station ML: 1.8 magdef=1)																				

ARSA	0.78	221.4	Pg	18:34:14.725	0.1	T__	115.9	---	ML	2.0	162245	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.78	221.4	Lg	18:34:24.420	-0.1	T__		---			162246	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MODS	0.85	50.9	Lg	18:34:28.802	-0.6	T__		---			162249	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.23	3.5	Pn	18:34:22.536	-0.1	T__	76.8	---	ML	2.1	162247	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	3.5	Sn	18:34:39.512	-0.0	T__		---			162248	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
CKRC	1.64	307.4	Lg	18:34:51.973	-0.6	T__		---			162250	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/05	18:37:50.87	0.84	0.54	47.8428	16.2536	4.8	3.1	30	2.4	18.9	19	11	68	0.15	1.62	ke	BUD	18000524	BUD			119

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	7 BUD	18000524

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.15	168.6	Pg	18:37:53.876	-0.2					T__		570.9		_d	ML	1.5	162295	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.15	168.6	Lg	18:37:55.897	-0.5					T__				---		162296	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
SOP	0.26	127.7	Pg	18:37:56.309	0.1					T__		126.7		---	ML	1.1	162297	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	127.7	Lg	18:37:59.702	-0.2					T__				---		162298	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
CONA	0.28	288.1	Pg	18:37:56.501	-0.1					T__		124.7		---	ML	1.2	162299	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	288.1	Lg	18:38:00.681	0.2					T__				---		162300	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A008A	0.66	322.8	Lg	18:38:13.312	0.7					T__				---		162301	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
ARSA	0.77	220.1	Pg	18:38:05.391	-0.4					T__		75.9		---	ML	1.8	162303	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	220.1	Lg	18:38:16.001	0.5					T__				---		162302	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
EGYH	0.84	119.9	Pg	18:38:08.501	0.9					T__		127.7		---	ML	2.1	162304	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.84	119.9	Lg	18:38:20.190	0.5					T__				---		162312	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MODS	0.87	51.9	Pg	18:38:08.281	0.0					T__				---		162306	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.87	51.9	Lg	18:38:20.410	-0.8					T__				---		162305	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MPLH	1.10	127.2	Sn	18:38:27.635	-0.7					T__				---		162313	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KRUC	1.22	4.4	Pn	18:38:13.970	-0.4					T__		89.4		---	ML	2.1	162308	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	4.4	Sn	18:38:30.727	-0.7					T__				---		162307	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
VRAC	1.48	8.6	Pn	18:38:17.885	-0.1					T__		28.7		---	ML	1.8	162309	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.48	8.6	Sn	18:38:37.385	-0.5					T__				---		162310	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CKRC	1.62	307.7	Lg	18:38:43.349	-0.2					T__				---		162311	FDSN	CZ	--	BUD	iLoc	HHN	???	_	



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/05	18:52:21.45	3.39	0.48	47.7848	16.3252	34.7	7.8	58	11.0f	4	3	190	0.09	1.28	ke	BUD	18000526	BUD				292

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.09	192.9	Pg	18:52:24.384	0.0					T__		74.9		___	ML	0.4	162339	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	192.9	Lg	18:52:26.350	-0.1					T__				___		162340	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=0)																									
CONA	0.34	294.9	Lg	18:52:33.613	-0.0					T__				___		162342	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.28	2.1	Sn	18:53:01.289	-0.5					T__				___		162341	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/06	00:55:19.88	0.99	1.19	47.8229	16.2795	6.7	3.4	41	0.0f	10	7	122	0.12	1.24	ke	BUD	18000528	BUD					163

Magnitude Err Nsta Author OrigID  
ML 0.9 0.3 3 BUD 18000528

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.12	174.7	Pg	00:55:22.573	-0.1					T__		115.3		_d	ML	0.7	163040	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	174.7	Lg	00:55:24.612	-0.2					T__				___		163041	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.23	126.5	Pg	00:55:25.152	0.3					T__		86.5		___	ML	0.9	163043	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	126.5	Lg	00:55:28.408	-0.0					T__				___		163042	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
CONA	0.30	290.7	Pg	00:55:26.560	0.5					T__		114.4		___	ML	1.2	163044	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	290.7	Lg	00:55:29.617	-0.6					T__				___		163047	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A008A	0.69	322.6	Lg	00:55:41.837	-0.7					T__				___		163048	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ARSA	0.77	222.1	Lg	00:55:44.963	0.5					T__				___		163045	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MPLH	1.08	126.9	Sn	00:55:55.300	-1.9					T__				___		163049	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KRUC	1.24	3.5	Sn	00:55:59.268	-2.2					T__				___		163046	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/06	01:25:19.87	0.77	0.81	47.8500	16.2785	4.0	3.1	52	0.0f	45	27	63	0.15	2.43	ke	BUD	18000530	BUD					85

Magnitude Err Nsta Author OrigID  
ML 2.3 0.2 20 BUD 18000530

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.15	175.4	Pg	01:25:22.847	-0.4					T__		1641.7		_d	ML	1.9	163130	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.15	175.4	Lg	01:25:24.914	-0.7					T__				___		163129	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
SOP	0.25	131.4	Pg	01:25:25.243	0.0					T__		608.7		___	ML	1.8	163134	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

SOP	0.25	131.4	Lg	01:25:28.701	-0.3	T__			163133	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																		
(Station ML: 1.8 magdef=0)																		
CONA	0.29	285.8	Pg	01:25:25.335	-0.5	T__	244.3	_c_ ML	1.5	163127	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	285.8	Lg	01:25:30.182	0.3	T__				163128	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																		
(Station ML: 1.5 magdef=0)																		
A260A	0.64	152.8	Pg	01:25:32.359	-0.4	T__	185.3	___ ML	2.1	163138	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.64	152.8	Lg	01:25:41.213	-0.3	T__				163137	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																		
(Station ML: 2.1 magdef=1)																		
A008A	0.67	321.3	Pg	01:25:32.963	0.3	T__	575.6	___ ML	2.6	163131	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.67	321.3	Lg	01:25:42.256	0.4	T__				163132	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.6 magdef=1)																		
(Station ML: 2.6 magdef=0)																		
ARSA	0.79	220.7	Pg	01:25:34.024	-1.1	T__	257.9	___ ML	2.3	163135	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.79	220.7	Lg	01:25:45.219	0.2	T__				163136	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																		
(Station ML: 2.3 magdef=1)																		
EGYH	0.83	120.9	Pg	01:25:37.280	0.6	T__	301.1	___ ML	2.4	163141	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.83	120.9	Lg	01:25:50.487	1.5	T__				163142	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																		
(Station ML: 2.4 magdef=1)																		
MODS	0.85	51.6	Pg	01:25:36.713	-0.5	T__				163139	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.85	51.6	Lg	01:25:49.664	-0.8	T__				163140	FDSN	SK	--	BUD	iLoc	HHN	???	_
A262A	1.00	170.2	Pg	01:25:40.371	0.7	T__	205.3	___ ML	2.4	163143	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	1.00	170.2	Sn	01:25:54.768	-0.3	T__				163144	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																		
(Station ML: 2.4 magdef=1)																		
A261A	1.08	146.3	Lg	01:25:55.884	-0.2	T__				163147	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	1.09	128.0	Pg	01:25:42.420	0.8	T__	98.1	___ ML	2.1	163149	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.09	128.0	Sn	01:25:56.359	-1.3	T__				163148	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																		
(Station ML: 2.1 magdef=1)																		
HU08A	1.19	110.0	Pn	01:25:43.751	0.9	T__	81.3	___ ML	2.1	163153	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.19	110.0	Sn	01:25:59.689	-0.4	T__				163152	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																		
(Station ML: 2.1 magdef=1)																		
KRUC	1.22	3.6	Pn	01:25:42.841	-0.7	T__	131.7	_d_ ML	2.3	163145	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	3.6	Sn	01:25:59.890	-0.9	T__				163146	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																		
(Station ML: 2.3 magdef=1)																		
JAVC	1.37	42.1	Pg	01:25:47.738	0.1	T__	135.4	___ ML	2.4	163156	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.37	42.1	Sn	01:26:06.543	0.9	T__				163155	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																		
(Station ML: 2.4 magdef=1)																		
A263A	1.40	149.3	Lg	01:26:06.782	0.6	T__				163157	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KOGS	1.40	180.8	Pg	01:25:47.417	0.3	T__	102.9	___ ML	2.3	163154	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.3 magdef=1)																		
(Station ML: 2.3 magdef=1)																		
BEHE	1.42	166.0	Sn	01:26:05.481	0.1	T__				163158	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	1.43	109.2	Pg	01:25:48.337	0.4	T__	65.9	___ ML	2.1	163159	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																		

```

(Station ML: 2.1 magdef=1
VRAC 1.47 8.0 Pn 01:25:46.703 -0.5 T__ 30.7 ___ ML 1.8 163160 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.47 8.0 Sn 01:26:06.386 -0.8 T__ ___ 163161 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
TREC 1.54 340.3 Pn 01:25:48.178 0.0 T__ 178.5 ___ ML 2.6 163163 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.54 340.3 Sn 01:26:09.032 0.6 T__ ___ 163162 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
CKRC 1.63 307.2 Pg 01:25:50.542 0.1 T__ 294.0 ___ ML 2.9 163150 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.63 307.2 Sn 01:26:11.030 -0.3 T__ ___ 163151 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
OBKA 1.79 222.0 Pg 01:25:54.143 0.6 T__ 131.0 ___ ML 2.6 163165 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.79 222.0 Sn 01:26:15.362 0.0 T__ ___ 163164 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
VYHS 1.83 68.4 Pg 01:25:55.912 -0.1 T__ 32.3 ___ ML 2.0 163166 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PTJ 1.96 186.4 Pg 01:25:57.675 0.6 T__ 84.6 ___ ML 2.5 163167 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 1.96 186.4 Lg 01:26:24.382 0.7 T__ ___ 163168 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
CRES 2.10 195.9 Lg 01:26:29.125 1.0 T__ ___ 163169 FDSN SL -- BUD iLoc BHN ??? _
KOVH 2.16 144.0 Lg 01:26:27.035 -2.6 T__ ___ 163170 FDSN HU -- BUD iLoc HHN ??? _
PRU 2.43 332.5 Sn 01:26:31.533 2.1 T__ ___ 163171 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/06 01:28:05.75 0.86 0.49 47.8402 16.2576 5.1 2.9 41 2.0 18.8 23 17 66 0.14 1.77 ke BUD 18000532 BUD 100

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Magnitude Err Nsta Author OrigID
ML 1.6 0.5 6 BUD 18000532

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.14 169.5 Pg 01:28:08.753 -0.1 T__ 349.7 ___ _d_ ML 1.2 163247 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.14 169.5 Lg 01:28:10.774 -0.4 T__ ___ 163248 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
SOP 0.26 127.6 Pg 01:28:11.176 0.2 T__ 125.1 ___ ML 1.1 163251 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.26 127.6 Lg 01:28:14.542 -0.1 T__ ___ 163250 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
CONA 0.28 288.4 Pg 01:28:11.314 -0.2 T__ 87.8 ___ ML 1.0 163249 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.28 288.4 Lg 01:28:15.228 -0.3 T__ ___ 163258 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
A260A 0.63 151.3 Lg 01:28:27.099 0.2 T__ ___ 163259 FDSN Z3 00 BUD iLoc HHN ??? _
A008A 0.67 322.7 Pg 01:28:19.115 0.6 T__ 111.3 ___ ML 1.9 163253 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.67 322.7 Lg 01:28:28.170 0.5 T__ ___ 163252 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

ARSA	0.77	220.4	Pg	01:28:20.140	-0.6	T__	85.3	---	ML	1.9	163254	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	220.4	Lg	01:28:30.750	0.3	T__		---			163260	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
EGYH	0.84	119.8	Lg	01:28:34.352	-0.1	T__		---			163261	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	0.87	51.6	Lg	01:28:35.670	-0.4	T__		---			163255	FDSN	SK	--	BUD	iLoc	HHN	???	_
A262A	0.99	169.3	Lg	01:28:39.195	1.1	T__		---			163262	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A261A	1.08	145.4	Lg	01:28:41.714	0.3	T__		---			163263	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	1.10	127.2	Sn	01:28:42.516	-0.6	T__		---			163264	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	1.20	109.3	Sn	01:28:45.571	-0.2	T__		---			163265	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KRUC	1.23	4.2	Pn	01:28:28.719	-0.6	T__	98.4	---	ML	2.2	163257	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	4.2	Sn	01:28:45.768	-0.7	T__		---			163256	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
VRAC	1.49	8.5	Sn	01:28:52.472	-0.4	T__		---			163266	FDSN	CZ	--	BUD	iLoc	HHN	???	_
TREC	1.54	340.9	Sn	01:28:54.451	0.5	T__		---			163267	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.63	307.7	Sn	01:28:56.729	0.1	T__		---			163268	FDSN	CZ	--	BUD	iLoc	HHN	???	_
OBKA	1.77	221.8	Sn	01:29:00.558	0.2	T__		---			163269	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/06	01:30:57.92	1.03	0.22	47.8112	16.2452	9.0	4.5	42	0.0f		6	4	156	0.12	0.69	ke	BUD	18000534	BUD			198

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	162.8	Pg	01:31:00.621	0.0					T__		58.3		---	ML	0.4	163296	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	162.8	Lg	01:31:02.643	0.1					T__				---		163297	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
SOP	0.25	121.1	Pg	01:31:03.320	0.2					T__	75.4		---	ML	0.9	163300	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.25	121.1	Lg	01:31:06.557	-0.3					T__				---		163299	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
CONA	0.28	294.6	Lg	01:31:07.737	0.0					T__				---		163298	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A008A	0.69	324.7	Lg	01:31:20.323	-0.1					T__				---		163301	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		
2022/02/06	01:35:25.08	0.83	0.55	47.8311	16.2567	5.2	3.0	38	4.2	11.8	22	15	69	0.13	1.63	ke	BUD	18000536	BUD					110

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	8 BUD	18000536

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	168.5	Pg	01:35:28.067	-0.1					T__		494.8		---	ML	1.4	163342	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	168.5	Lg	01:35:30.015	-0.3					T__				---		163343	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
SOP	0.25	125.9	Pg	01:35:30.472	0.2					T__	98.7		---	ML	1.0	163345	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.25	125.9	Lg	01:35:33.865	-0.0					T__				---		163344	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									

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(Station ML: 1.0 magdef=0
CONA 0.28 290.2 Pg 01:35:30.710 -0.2 T__ 102.3 --- ML 1.1 163346 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.28 290.2 Lg 01:35:34.734 -0.2 T__ --- 163347 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A008A 0.67 323.2 Pg 01:35:38.786 0.8 T__ 93.7 --- ML 1.8 163348 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.67 323.2 Lg 01:35:47.804 0.6 T__ --- 163349 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ARSA 0.76 220.8 Pg 01:35:39.536 -0.4 T__ 95.6 --- ML 1.9 163351 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.76 220.8 Lg 01:35:50.164 0.6 T__ --- 163350 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
EGYH 0.84 119.3 Pg 01:35:42.243 0.5 T__ 168.8 --- ML 2.2 163362 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MODS 0.87 51.2 Lg 01:35:54.756 -0.9 T__ --- 163352 FDSN SK -- BUD iLoc HHN ??? _
A262A 0.98 169.1 Sn 01:35:58.987 -0.0 T__ --- 163363 FDSN Z3 00 BUD iLoc HHN ??? _
A261A 1.07 145.1 Lg 01:36:00.243 -0.3 T__ --- 163353 FDSN Z3 00 BUD iLoc HHN ??? _
MPLH 1.09 126.8 Sn 01:36:01.707 -0.2 T__ --- 163354 FDSN HU -- BUD iLoc HHN ??? _
KRUC 1.24 4.2 Pn 01:35:48.317 -0.2 T__ 70.9 --- ML 2.0 163356 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.24 4.2 Sn 01:36:04.707 -0.9 T__ --- 163355 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 1.38 180.2 Sn 01:36:08.878 0.1 T__ --- 163357 FDSN SL -- BUD iLoc BHN ??? _
VRAC 1.50 8.5 Pn 01:35:52.048 -0.1 T__ 25.2 --- ML 1.7 163359 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.50 8.5 Sn 01:36:11.804 -0.2 T__ --- 163358 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TREC 1.55 341.0 Sn 01:36:14.073 1.0 T__ --- 163360 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.63 308.0 Lg 01:36:17.146 -0.8 T__ --- 163361 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/06 02:31:17.68 1.13 0.81 47.7428 16.1992 20.4 5.7 27 11.0f 6 4 186 0.08 1.33 ke BUD 18000538 BUD 242

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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
RONA 0.08 123.3 Pg 02:31:20.506 0.1 T__ 110.6 --- ML 0.6 163394 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.08 123.3 Lg 02:31:22.490 0.0 T__ --- 163395 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
SOP 0.25 103.7 Pg 02:31:23.446 0.3 T__ 79.2 --- ML 0.9 163396 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.25 103.7 Lg 02:31:26.346 -0.6 T__ --- 163397 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.29 309.3 Lg 02:31:28.211 -0.1 T__ --- 163398 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.33 5.6 Sn 02:31:57.914 -1.2 T__ --- 163399 FDSN CZ -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

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2022/02/06 02:46:19.56 1.10 0.85 47.8299 16.3114 7.6 5.9 125 11.0f 6 5 134 0.13 1.23 ke BUD 18000540 BUD 181

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	184.5	Pg	02:46:23.076	0.0					T__		79.2		---	ML	0.6	163417	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	184.5	Lg	02:46:25.170	-0.4					T__				---		163418	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
CONA	0.32	288.2	Lg	02:46:30.682	-0.3					T__				---		163420	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.79	222.9	Lg	02:46:45.528	0.6					T__				---		163421	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.85	49.6	Lg	02:46:49.335	0.1					T__				---		163422	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.23	2.6	Sn	02:47:00.045	1.3					T__				---		163419	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/06 03:34:53.26 2.97 0.60 47.7638 16.2438 26.3 10.4 158 11.0f 5 3 213 0.07 1.30 ke BUD 18000542 BUD 319

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.07	151.1	Pg	03:34:56.039	0.1					T__		62.7		---	ML	0.3	163438	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.07	151.1	Lg	03:34:57.863	-0.1					T__				---		163439	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
SOP	0.23	110.7	Pg	03:34:58.402	0.1					T__		82.3		---	ML	0.8	163441	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	110.7	Lg	03:35:01.685	-0.1					T__				---		163440	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KRUC	1.30	4.4	Sn	03:35:33.335	-0.8					T__				---		163442	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/06 03:36:02.28 1.14 0.95 47.7332 16.2131 20.9 5.7 26 11.0f 6 4 188 0.07 1.34 ke BUD 18000544 BUD 244

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.07	120.8	Pg	03:36:04.891	-0.0					T__		76.0		---	ML	0.4	163461	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.07	120.8	Lg	03:36:06.940	0.1					T__				---		163462	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
SOP	0.24	102.0	Pg	03:36:07.740	0.2					T__		104.4		---	ML	1.0	163464	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	102.0	Lg	03:36:10.797	-0.4					T__				---		163463	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CONA	0.31	309.6	Lg	03:36:13.333	-0.0					T__				---		163465	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.34	5.1	Sn	03:36:42.378	-1.6					T__				---		163466	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/06 04:00:02.21 0.85 0.96 47.9946 20.4420 4.4 2.7 133 6.8 8.5 24 15 60 0.14 1.96 ke BUD 18000546 BUD 95

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 9 BUD 18000546

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU02A	0.14	23.5	Pg	04:00:05.606	-0.1					T__		267.8		_c_	ML 1.1	163581	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.14	23.5	Lg	04:00:07.911	-0.6					T__				---		163566	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=0)																								
PSZ	0.38	258.5	Pg	04:00:10.170	-0.3					T__		121.0		_d_	ML 1.4	163582	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.38	258.5	Lg	04:00:16.125	-0.4					T__				---		163567	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
HU23A	0.38	200.1	Pg	04:00:10.348	-0.1					T__		241.6		---	ML 1.7	163583	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.38	200.1	Lg	04:00:17.094	0.9					T__				---		163568	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
ET1H	0.40	253.5	Pg	04:00:10.424	-0.4					T__		119.3		_d_	ML 1.5	163584	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.40	253.5	Lg	04:00:16.353	-0.6					T__				---		163569	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
KECS	0.49	3.4	Pg	04:00:12.530	0.5					T__		93.3		---	ML 1.6	163562	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.49	3.4	Lg	04:00:19.628	0.1					T__				---		163570	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
JOS	0.51	7.4	Pg	04:00:12.658	0.3					T__		64.7		---	ML 1.5	163563	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	7.4	Lg	04:00:19.865	-0.1					T__				---		163571	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU03A	0.57	261.2	Pg	04:00:14.259	0.1					T__		111.6		---	ML 1.9	163578	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.57	261.2	Lg	04:00:23.698	1.0					T__				---		163579	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
ABAH	0.61	60.2	Pg	04:00:14.387	0.1					T__		99.4		---	ML 1.8	163564	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.61	60.2	Lg	04:00:22.874	-1.2					T__				---		163580	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU05A	0.65	133.1	Pg	04:00:15.621	0.1					T__		140.1		---	ML 2.0	163565	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.65	133.1	Lg	04:00:24.914	-0.4					T__				---		163572	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=0)																								
HU01A	0.86	220.8	Lg	04:00:31.776	-0.6					T__				---		163585	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VYHS	1.18	295.6	Sn	04:00:40.770	-0.4					T__				---		163573	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU24A	1.19	155.6	Sn	04:00:42.282	1.9					T__				---		163574	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
TRPA	1.41	83.7	Sn	04:00:47.706	1.2					T__				---		163575	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.43	356.3	Sn	04:00:47.680	0.3					T__				---		163576	FDSN	PL	--	BUD	iLoc	BHN	???	_
DRGR	1.96	127.1	Sn	04:01:02.384	2.8					T__				---		163577	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/06 04:15:13.71 2.79 1.51 47.7366 16.2716 29.4 9.0 160 11.0f 5 3 207 0.04 1.33 ke BUD 18000548 BUD 309

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.04	155.7	Pg	04:15:16.231	0.1					T__		88.5		___	ML	0.4	163618	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.04	155.7	Lg	04:15:17.794	-0.1					T__				---		163619	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
SOP	0.20	105.3	Pg	04:15:18.593	0.3					T__		76.9		___	ML	0.7	163621	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.20	105.3	Lg	04:15:20.955	-0.5					T__				---		163620	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KRUC	1.33	3.5	Sn	04:15:53.179	-2.0					T__				---		163622	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/06	05:12:22.67	0.96	1.08	47.8186	16.2954	6.1	3.3	46	0.0f		11	7	119	0.12	1.50	ke	BUD	18000550	BUD				172

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	4 BUD	18000550

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	179.7	Pg	05:12:25.207	-0.2					T__		124.1		_d	ML	0.7	163665	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	179.7	Lg	05:12:27.256	-0.2					T__				---		163664	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.22	127.2	Pg	05:12:27.603	0.2					T__		87.3		___	ML	0.9	163669	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.22	127.2	Lg	05:12:31.015	0.2					T__				---		163668	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
CONA	0.31	290.8	Pg	05:12:29.231	0.2					T__		128.8		___	ML	1.3	163662	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	290.8	Lg	05:12:33.878	0.5					T__				---		163663	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A008A	0.70	322.2	Pg	05:12:36.009	-0.1					T__		97.6		___	ML	1.9	163666	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.70	322.2	Lg	05:12:44.990	-0.7					T__				---		163667	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ARSA	0.77	222.9	Lg	05:12:47.725	0.4					T__				---		163670	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.25	3.0	Sn	05:13:02.222	-2.1					T__				---		163671	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.50	7.5	Sn	05:13:08.762	-2.0					T__				---		163672	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/02/06	06:00:36.70	1.19	0.29	47.8087	16.2227	12.5	5.5	28	9.0f		5	3	182	0.12	0.27	ke	BUD	18000554	BUD					323

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	155.5	Pg	06:00:39.969	0.1					T__		68.4		___	ML	0.5	163822	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	155.5	Lg	06:00:41.926	-0.2					T__				---		163823	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
SOP	0.26	118.9	Pg	06:00:42.374	0.2					T__		96.3		___	ML	1.0	163824	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_



SOP 0.26 118.9 Lg 06:00:45.752 -0.3 T\_\_ --- 163826 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1  
 CONA 0.27 296.3 Lg 06:00:46.335 -0.2 T\_\_ --- 163825 FDSN OE -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/06	07:50:47.08	1.06	0.72	47.8306	16.2794	7.4	3.7	34	0.0f	9	5	124	0.13	1.23	ke	BUD	18000556	BUD				198

Magnitude Err Nsta Author OrigID  
 ML 1.0 0.1 4 BUD 18000556

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	175.0	Pg	07:50:50.003	-0.0					T__		212.2		---	ML	1.0	163851	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	175.0	Lg	07:50:51.960	-0.3					T__				---		163852	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1)																									
SOP	0.24	128.0	Pg	07:50:52.280	0.1					T__		91.1		---	ML	0.9	163853	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	128.0	Lg	07:50:55.884	0.1					T__				---		163854	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1)																									
CONA	0.30	289.3	Pg	07:50:53.382	0.2					T__		80.3		---	ML	1.0	163855	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	289.3	Lg	07:50:56.926	-0.4					T__				---		163850	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1)																									
ARSA	0.77	221.7	Lg	07:51:12.333	0.5					T__				---		163856	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.23	3.5	Pn	07:51:10.285	-0.8					T__		91.8		---	ML	2.1	163858	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	3.5	Sn	07:51:27.077	-1.4					T__				---		163857	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/06	11:43:40.82	1.08	0.92	47.8217	16.2910	7.2	3.8	34	0.0f	8	5	124	0.12	1.24	ke	BUD	18000560	BUD					197

Magnitude Err Nsta Author OrigID  
 ML 0.8 0.2 3 BUD 18000560

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	178.3	Pg	11:43:43.541	-0.1					T__		120.2		---	ML	0.7	163955	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	178.3	Lg	11:43:45.471	-0.2					T__				---		163958	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1)																									
SOP	0.23	127.4	Pg	11:43:45.900	0.2					T__		80.1		---	ML	0.8	163956	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	127.4	Lg	11:43:48.891	-0.2					T__				---		163959	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1)																									
CONA	0.31	290.4	Pg	11:43:47.428	0.3					T__		72.8		---	ML	1.0	163957	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	290.4	Lg	11:43:50.629	-0.8					T__				---		163960	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1)																									
ARSA	0.77	222.6	Lg	11:44:06.179	0.7					T__				---		163961	FDSN	OE	--	BUD	iLoc	HHN	???	_	

KRUC	1.24	3.2	Sn	11:44:20.721	-1.7				T__						163962	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/02/06	11:48:53.71	1.10	0.95	47.8279	16.2901	7.4	3.8	34	0.0f		8	5	125	0.13	1.24	ke	BUD	18000562	BUD				199		
Magnitude	Err	Nsta	Author	OrigID																					
ML	0.8	0.2	3	BUD	18000562																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	178.1	Pg	11:48:56.350	-0.3					T__		104.9			ML	0.7	163986	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	178.1	Lg	11:48:58.435	-0.3					T__						163987	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1																					
				(Station ML: 0.7 magdef=1																					
SOP	0.23	128.5	Pg	11:48:58.737	0.1					T__		78.5			ML	0.8	163991	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	128.5	Lg	11:49:02.158	-0.0					T__						163990	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1																					
				(Station ML: 0.8 magdef=1																					
CONA	0.31	289.4	Pg	11:48:59.771	-0.2					T__		108.3			ML	1.2	163988	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	289.4	Lg	11:49:04.298	0.1					T__						163989	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=1																					
ARSA	0.78	222.3	Lg	11:49:19.664	1.1					T__						163992	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.24	3.2	Sn	11:49:33.420	-1.7					T__						163993	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/02/06	15:01:57.21	2.36	0.32	47.7881	16.2395	48.1	6.7	44	11.0f		4	3	151	0.10	1.28	ke	BUD	18000564	BUD					294	
Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.10	156.6	Pg	15:02:00.265	0.1					T__		68.8			ML	0.4	164011	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	156.6	Lg	15:02:02.287	-0.1					T__						164014	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 0.4 magdef=1																					
				(Station ML: 0.4 magdef=0																					
CONA	0.29	299.0	Lg	15:02:07.737	-0.0					T__						164012	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.28	4.6	Sn	15:02:37.225	-0.3					T__						164013	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/02/06	18:16:36.10	1.09	0.93	47.8263	16.2831	7.4	3.7	34	0.0f		8	5	124	0.13	1.24	ke	BUD	18000566	BUD					197	
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.0	0.2	3	BUD	18000566																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	176.0	Pg	18:16:38.826	-0.2					T__		141.5			ML	0.8	164034	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	176.0	Lg	18:16:40.838	-0.3					T__						164035	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1																					
				(Station ML: 0.8 magdef=1																					
SOP	0.23	127.5	Pg	18:16:41.204	0.1					T__		103.0			ML	1.0	164037	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

SOP	0.23	127.5	Lg	18:16:44.597	-0.0	T__								164036	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																			
				(Station ML: 1.0 magdef=1)																			
CONA	0.30	289.9	Pg	18:16:42.117	-0.2	T__					94.7		ML	1.1	164039	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	289.9	Lg	18:16:46.654	0.2	T__									164038	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.1 magdef=1)																			
				(Station ML: 1.1 magdef=1)																			
ARSA	0.77	222.1	Lg	18:17:01.544	0.8	T__									164040	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.24	3.4	Sn	18:17:15.703	-1.9	T__									164041	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/06	18:23:35.74	1.10	0.73	47.8345	16.2678	7.9	3.7	34	0.0f		8	5	123	0.14	1.23	ke	BUD	18000568	BUD			198

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.3	3 BUD	18000568

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	171.9	Pg	18:23:38.716	-0.1					T__		99.5			ML	0.7	164065	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	171.9	Lg	18:23:40.682	-0.3					T__						164066	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=1)																					
SOP	0.25	127.6	Pg	18:23:41.067	0.1					T__		81.7			ML	0.9	164067	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	127.6	Lg	18:23:44.734	0.0					T__						164068	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.9 magdef=1)																					
				(Station ML: 0.9 magdef=1)																					
CONA	0.29	289.1	Pg	18:23:41.478	-0.2					T__		116.2			ML	1.2	164070	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	289.1	Lg	18:23:46.024	0.3					T__						164069	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
ARSA	0.77	221.1	Lg	18:24:00.952	0.6					T__						164072	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.23	3.9	Sn	18:24:15.603	-1.4					T__						164071	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/06	20:54:40.31	0.98	0.47	47.8401	16.2670	5.3	3.8	16	4.8	20.6	13	7	77	0.14	1.63	ke	BUD	18000570	BUD			124

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	5 BUD	18000570

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	172.0	Pg	20:54:43.390	-0.1					T__		205.0			ML	1.0	164103	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	172.0	Lg	20:54:45.429	-0.4					T__						164104	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=0)																					
SOP	0.25	128.5	Pg	20:54:45.841	0.3					T__		123.3			ML	1.1	164106	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	128.5	Lg	20:54:49.234	0.1					T__						164105	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
CONA	0.29	288.1	Pg	20:54:46.152	-0.1					T__		97.6			ML	1.1	164107	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	288.1	Lg	20:54:50.853	0.5					T__						164111	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					

```

(Station ML: 1.1 magdef=1
ARSA 0.78 220.8 Pg 20:54:54.814 -0.5 T__ 86.3 --- ML 1.9 164108 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.78 220.8 Lg 20:55:05.460 0.3 T__ --- 164112 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 0.86 51.4 Pg 20:54:57.741 0.2 T__ --- 164114 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.86 51.4 Lg 20:55:10.034 -0.5 T__ --- 164113 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.23 3.9 Pn 20:55:03.466 -0.1 T__ 90.0 --- ML 2.1 164110 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.23 3.9 Sn 20:55:20.478 -0.0 T__ --- 164109 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
CKRC 1.63 307.6 Sn 20:55:31.632 0.9 T__ --- 164115 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/06 23:23:46.97 1.13 0.12 47.7845 16.2259 12.7 5.5 28 9.0f 5 3 173 0.10 0.28 ke BUD 18000572 BUD 323

```

```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.10 150.7 Pg 23:23:49.820 0.1 T__ 101.4 --- ML 0.6 164139 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 150.7 Lg 23:23:51.640 -0.1 T__ --- 164140 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
SOP 0.25 114.2 Pg 23:23:52.289 0.0 T__ 104.4 --- ML 1.0 164141 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.25 114.2 Lg 23:23:55.856 -0.0 T__ --- 164142 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA 0.28 300.5 Lg 23:23:57.109 -0.1 T__ --- 164143 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/07 06:02:49.27 1.70 1.44 47.8054 16.2811 10.0 5.7 34 7.3 20.9 7 5 119 0.11 1.26 ke BUD 18000576 BUD 189

```

```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.11 174.5 Pg 06:02:51.921 -0.1 T__ 108.1 --- ML 0.6 164297 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 174.5 Lg 06:02:53.924 -0.1 T__ --- 164298 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
SOP 0.22 123.0 Lg 06:02:57.671 0.3 T__ --- 164300 FDSN HU -- BUD iLoc HHN ??? _
CONA 0.31 293.7 Pg 06:02:55.570 -0.1 T__ 114.4 --- ML 1.2 164299 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.31 293.7 Lg 06:03:00.381 0.3 T__ --- 164301 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ARSA 0.76 223.1 Lg 06:03:13.786 0.3 T__ --- 164302 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.26 3.4 Sn 06:03:27.361 -2.4 T__ --- 164303 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/07 07:26:41.22 0.34 0.38 47.2934 18.3348 4.5 3.4 108 0.0A 0.0 10 8 108 0.09 1.25 m kx BUD 18000578 BUD 360

```

2022/02/07 07:26:39.93 0.99 1.28 47.3167 18.3081f 0.0f 10 8 106 0.06 1.24 kx BUD\_GT 18000579 BUD\_GT 138  
 (locality : Magyaralmás Hungary)  
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	07:26:42.493	0.7					T__		927.4		---	ML	1.4	164326	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	07:26:43.078	-0.6					T__				---		164328	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU09A	0.33	8.9	Lg	07:26:52.103	-0.8					T__				---		164329	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MPLH	0.54	254.6	Lg	07:26:59.492	-0.2					T__				---		164330	FDSN	HU	--	BUD	iLoc	HNN	???	_	
MORH	1.13	168.1	Lg	07:27:15.945	-2.7					T__				---		164331	FDSN	HU	--	BUD	iLoc	HNN	???	_	
ET1H	1.20	61.4	Sn	07:27:19.756	-1.2					T__				---		164335	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	1.23	16.6	Pn	07:27:04.326	0.8					T__		25.8		---	ML	1.6	164334	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.23	16.6	Sn	07:27:21.741	-0.5					T__				---		164333	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.23	60.1	Sn	07:27:20.717	-1.5					T__				---		164332	FDSN	GE	--	BUD	iLoc	HNN	???	_	
KOVH	1.24	186.7	Sn	07:27:20.496	-1.1					T__				---		164327	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/07 09:07:24.18 0.85 1.22 48.6689 18.4022 5.5 3.4 28 0.0f 18 13 66 0.34 1.80 sx BUD 18000580 BUD 122

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ML	2.2	0.1	4 BUD	18000580																					
VYHS	0.34	121.1	Pg	09:07:31.779	0.6					T__		35.5		---	ML	0.8	164369	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.34	121.1	Lg	09:07:35.949	-0.4					T__				---		164371	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
JAVC	0.52	291.7	Lg	09:07:42.264	-1.2					T__				---		164372	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
MODS	0.80	248.9	Pg	09:07:41.549	1.0					T__				---		164374	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.80	248.9	Lg	09:07:52.159	-0.8					T__				---		164373	FDSN	SK	--	BUD	iLoc	HNN	???	_	
HU10A	0.92	153.2	Lg	09:07:56.065	-1.4					T__				---		164375	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU03A	1.11	133.3	Sn	09:08:01.514	-1.8					T__				---		164376	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MORC	1.24	333.4	Pg	09:07:47.703	0.4					T__		127.2		---	ML	2.3	164370	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.24	333.4	Lg	09:08:03.947	-0.7					T__				---		164377	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
PSZ	1.25	126.4	Sn	09:08:05.207	-2.1					T__				---		164378	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	1.26	128.3	Sn	09:08:05.822	-1.3					T__				---		164379	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU08A	1.28	194.7	Sn	09:08:08.090	0.6					T__				---		164380	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
KECS	1.40	96.9	Pn	09:07:50.268	0.2					T__		101.1		---	ML	2.3	164382	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.40	96.9	Sn	09:08:08.926	-1.7					T__				---		164381	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
JOS	1.43	96.2	Pn	09:07:50.999	0.5					T__		70.7		---	ML	2.1	164368	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.43	96.2	Sn	09:08:09.658	-1.7					T__				---		164383	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									

```

(Station ML: 2.1 magdef=1
HU02A 1.52 110.3 Sn 09:08:14.546 0.8 T__ --- 164384 FDSN ZJ 00 BUD iLoc HHN ??? _
OJC 1.80 29.9 Lg 09:08:22.390 -0.1 T__ --- 164385 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
2022/02/07 09:39:35.83 3.52 0.17 48.6306 20.7841 25.8 8.0 3 0.0f 6 4 264 0.21 0.93 sx BUD 18000582 BUD 346

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.21 230.4 Pg 09:39:40.390 0.2 T__ 123.3 --- ML 1.0 164434 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.21 230.4 Lg 09:39:43.692 0.0 T__ --- 164435 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.25 233.5 Pg 09:39:40.847 -0.1 T__ 473.6 --- ML 1.7 164437 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.25 233.5 Lg 09:39:44.917 -0.0 T__ --- 164436 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.45 137.7 Lg 09:39:52.752 -0.0 T__ --- 164438 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.93 220.2 Lg 09:40:09.003 -0.2 T__ --- 164439 FDSN GE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/07 10:03:30.00 0.91 0.77 48.4885 17.5029 5.9 3.3 142 0.0f 9 5 143 0.19 1.23 sx BUD 18000584 BUD 216

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```

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 3 BUD 18000584

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.19 232.6 Pg 10:03:34.687 0.3 T__ 164464 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 232.6 Lg 10:03:36.690 -1.4 T__ 164467 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.39 16.6 Pg 10:03:38.286 -0.0 T__ 168.0 --- ML 1.6 164469 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.39 16.6 Lg 10:03:44.396 -0.4 T__ --- 164468 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.89 89.1 Pg 10:03:48.540 0.6 T__ 24.8 --- ML 1.4 164471 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.89 89.1 Lg 10:04:00.028 -0.8 T__ --- 164470 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KRUC 0.93 308.5 Lg 10:04:01.910 0.4 T__ 164472 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.23 243.6 Pn 10:03:54.807 0.6 T__ 142.3 --- ML 2.3 164465 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.23 243.6 Lg 10:04:10.319 0.1 T__ --- 164466 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/07 10:28:32.55 1.67 0.17 48.4984 20.8289 14.3 6.0 22 0.0f 6 4 216 0.19 0.43 sx BUD 18000586 BUD 299

```

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Magnitude Err Nsta Author OrigID

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	269.3	Pg	10:28:36.695	0.1					T__		112.4		---	ML	0.9	164508	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	269.3	Lg	10:28:39.585	-0.2					T__				---		164510	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.23	266.3	Pg	10:28:37.408	0.1					T__		177.4		---	ML	1.2	164509	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.23	266.3	Lg	10:28:40.970	-0.1					T__				---		164511	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.34	126.3	Lg	10:28:45.579	-0.1					T__				---		164512	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.43	208.4	Lg	10:28:48.689	-0.0					T__				---		164513	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/07	10:59:21.07	1.78	0.75	48.5027	20.8867	15.2	6.1	23	0.0f		6	4	222	0.23	0.45	sx	BUD	18000588	BUD				304

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.23	268.4	Pg	10:59:26.304	0.4					T__		84.3		---	ML	0.9	164532	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.23	268.4	Lg	10:59:28.939	-0.7					T__				---		164534	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.27	266.0	Pg	10:59:26.945	0.3					T__		142.0		---	ML	1.2	164533	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.27	266.0	Lg	10:59:30.164	-0.7					T__				---		164535	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.31	131.2	Lg	10:59:32.680	-0.6					T__				---		164536	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.45	212.5	Lg	10:59:38.081	0.1					T__				---		164537	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/02/07	13:05:20.35	0.98	1.09	46.1678	16.0269	7.6	4.0	114	0.0f		10	6	96	0.26	1.44	sx	BUD	18000592	BUD					160

Magnitude Err Nsta Author OrigID  
ML 1.8 0.5 4 BUD 18000592

Sta	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	0.26	189.0	Pg	13:05:26.378	0.3					T__		182.1		---	ML	1.3	164623	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.26	189.0	Lg	13:05:29.670	-0.8					T__				---		164622	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOGS	0.32	28.8	Pg	13:05:27.036	-0.1					T__		235.6		---	ML	1.6	164624	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.32	28.8	Lg	13:05:31.061	-0.7					T__				---		164625	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CRES	0.52	229.5	Pg	13:05:30.841	0.3					T__		159.6		---	ML	2.0	164627	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.52	229.5	Lg	13:05:37.573	-0.6					T__				---		164626	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
OBKA	1.08	289.0	Pg	13:05:41.304	0.4					T__		184.3		---	ML	2.4	164629	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.08	289.0	Lg	13:05:54.987	-0.3					T__				---		164628	FDSN	OE	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
ARSA 1.14 342.4 Lg 13:05:57.219 0.6 T__ --- 164620 FDSN OE -- BUD iLoc HHN ??? _
KOVH 1.44 92.4 Lg 13:06:10.088 2.4 T__ --- 164621 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
2022/02/07 16:35:20.92 1.02 0.49 47.8030 16.2612 9.8 3.8 34 9.0f 7 4 128 0.11 1.26 ke BUD 18000594 BUD 196

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.4 3 BUD 18000594

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 167.1 Pg 16:35:23.853 0.0 T__ 136.9 --- ML 0.7 164654 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 167.1 Lg 16:35:25.884 -0.1 T__ --- 164655 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.23 120.7 Pg 16:35:25.829 -0.1 T__ 113.4 --- ML 1.0 164657 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 120.7 Lg 16:35:29.789 0.3 T__ --- 164656 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA 0.30 295.1 Pg 16:35:27.402 0.2 T__ 157.2 --- ML 1.3 164658 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 295.1 Lg 16:35:31.060 -0.4 T__ --- 164659 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KRUC 1.26 4.0 Sn 16:36:01.981 0.8 T__ --- 164660 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/07 17:58:02.11 1.07 1.29 47.7613 16.2360 13.5 5.6 26 11.0f 6 4 157 0.07 1.31 ke BUD 18000596 BUD 218

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.07 146.5 Pg 17:58:04.810 -0.0 T__ 153.9 --- ML 0.7 164681 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.07 146.5 Lg 17:58:06.850 0.0 T__ --- 164682 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.23 109.6 Pg 17:58:07.298 0.1 T__ 113.8 --- ML 1.0 164684 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 109.6 Lg 17:58:10.728 -0.0 T__ --- 164683 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA 0.30 303.7 Lg 17:58:13.115 0.1 T__ --- 164685 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.31 4.6 Sn 17:58:40.847 -2.2 T__ --- 164686 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/08 00:24:16.48 1.07 0.84 45.5184 16.4704 8.8 5.2 65 5.6 16.8 15 9 147 0.46 1.67 ke BUD 18000600 BUD 229

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.1 6 BUD 18000600

```



Sta	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	0.46	312.5	Pg	00:24:25.869	0.3					T__		542.8		---	ML	2.3	164799	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.46	312.5	Lg	00:24:32.121	0.2					T__				---		164797	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
PTJ	0.52	318.0	Pg	00:24:26.436	-0.7					T__		153.3		---	ML	1.9	164800	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.52	318.0	Lg	00:24:33.460	-1.3					T__				---		164801	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
CRES	0.77	293.8	Pg	00:24:32.048	0.6					T__		74.4		---	ML	1.8	164798	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.77	293.8	Lg	00:24:43.100	0.3					T__				---		164802	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
A264A	0.86	41.5	Lg	00:24:44.893	0.1					T__				---		164803	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BLY	0.92	146.5	Pg	00:24:33.990	-0.1					T__		115.6		---	ML	2.1	164805	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	0.92	146.5	Lg	00:24:45.990	-0.1					T__				---		164804	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOGS	0.94	350.7	Pg	00:24:34.283	-0.4					T__		126.2		---	ML	2.1	164806	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.94	350.7	Lg	00:24:47.121	0.2					T__				---		164796	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BEHE	0.98	12.5	Pg	00:24:35.853	0.4					T__		211.3		---	ML	2.4	164795	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.98	12.5	Lg	00:24:48.990	0.5					T__				---		164807	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
OBKA	1.67	307.2	Sn	00:25:09.698	1.8					T__				---		164809	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORH	1.67	64.6	Sn	00:25:08.015	1.0					T__				---		164808	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
2022/02/08	06:39:25.99	0.99	0.74	47.8218	16.2795	6.7	3.4	41	0.0f		9	6	122	0.12	1.24	ke	BUD	18000602	BUD			171

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	3 BUD	18000602

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	174.7	Pg	06:39:28.677	-0.1					T__		225.6		---	ML	1.0	164840	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	174.7	Lg	06:39:30.731	-0.1					T__				---		164841	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SOP	0.23	126.3	Pg	06:39:31.062	0.1					T__		143.1		---	ML	1.1	164842	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	126.3	Lg	06:39:34.556	0.1					T__				---		164844	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.30	290.9	Pg	06:39:32.364	0.2					T__		102.3		---	ML	1.1	164843	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	290.9	Lg	06:39:35.986	-0.4					T__				---		164845	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A008A	0.69	322.7	Lg	06:39:48.457	-0.2					T__				---		164846	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ARSA	0.77	222.2	Lg	06:39:50.933	0.4					T__				---		164847	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.24	3.5	Sn	06:40:05.909	-1.7					T__				---		164848	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/08	07:59:26.60	4.49	1.91	46.8296	22.6767	36.0	16.2	9	0.0f	5	4	276	0.04	1.58	sx	BUD	18000604	BUD				296

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.04	148.1	Pg	07:59:27.946	0.0					T__		136.4		---	ML	0.6	164867	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.04	148.1	Lg	07:59:29.281	0.1					T__				---		164870	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
SIRR	0.90	231.7	Lg	07:59:57.895	-0.0					T__				---		164868	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.42	211.6	Sn	08:00:12.952	0.2					T__				---		164869	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.58	150.8	Sn	08:00:15.000	-2.7					T__				---		164871	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/08	09:01:02.21	2.63	1.94	47.3973	18.3261	33.8	5.5	120	0.0f	5	4	160	0.06	1.32	sx	BUD	18000606	BUD					296

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	232.5	Pg	09:01:04.225	0.2					T__		549.3		---	ML	1.2	164886	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	232.5	Lg	09:01:05.542	-0.4					T__				---		164888	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU09A	0.24	9.0	Lg	09:01:12.106	-0.2					T__				---		164889	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.20	169.4	Sn	09:01:40.425	-2.6					T__				---		164890	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.32	186.9	Sn	09:01:46.642	0.7					T__				---		164887	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	
2022/02/08	09:55:47.65	1.08	0.73	47.9674	16.0567	7.7	5.3	159	0.0f	6	5	104	0.14	1.44	sx	BUD	18000608	BUD					190

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	253.4	Pg	09:55:51.066	0.4					T__		244.5		---	ML	1.1	164946	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	253.4	Lg	09:55:51.847	-0.9					T__				---		164947	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
RONA	0.31	148.8	Lg	09:55:58.291	-0.3					T__				---		164948	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.91	63.1	Lg	09:56:19.783	-0.5					T__				---		164949	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.12	11.5	Lg	09:56:25.518	-0.1					T__				---		164950	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.44	306.9	Sn	09:56:33.945	-0.5					T__				---		164951	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/08	10:03:44.83	1.78	0.59	48.5630	20.7780	13.5	4.0	8	0.0f	8	4	243	0.17	0.47	sx	BUD	18000610	BUD					313

Magnitude Err Nsta Author OrigID

ML 1.3 0.4 4 BUD 18000610

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	247.1	Pg	10:03:48.567	0.1					T__		139.6		___	ML	0.9	164972	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	247.1	Lg	10:03:51.356	-0.0					T__				---		164973	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
KECS	0.21	247.8	Pg	10:03:49.262	0.0					T__		212.1		___	ML	1.2	164974	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	247.8	Lg	10:03:52.701	0.0					T__				---		164977	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
ABAH	0.41	130.8	Pg	10:03:53.478	0.3					T__		107.5		___	ML	1.5	164976	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	130.8	Lg	10:03:59.478	-0.8					T__				---		164978	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU02A	0.47	201.0	Pg	10:03:55.445	0.6					T__		131.3		___	ML	1.7	164975	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	201.0	Lg	10:04:01.701	-0.8					T__				---		164979	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/08	10:11:20.45	0.92	1.11	48.8549	20.4975	5.2	4.8	67	0.0f		30	18	79	0.36	2.55	sx	BUD	18000612	BUD			135

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	14 BUD	18000612

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.36	175.6	Pg	10:11:28.191	0.5					T__		727.0		___	ML	2.2	165038	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.36	175.6	Lg	10:11:33.880	0.6					T__				---		165044	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
KECS	0.37	181.2	Pg	10:11:28.165	0.2					T__		1299.4		___	ML	2.4	165039	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.37	181.2	Lg	10:11:33.982	0.3					T__				---		165045	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
HU02A	0.73	178.6	Pg	10:11:35.875	0.3					T__		285.5		___	ML	2.4	165040	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	178.6	Lg	10:11:46.284	-0.7					T__				---		165047	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
ABAH	0.75	138.3	Pg	10:11:35.349	0.1					T__		298.1		___	ML	2.4	165041	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.75	138.3	Lg	10:11:45.520	-2.0					T__				---		165046	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
PSZ	1.02	203.4	Pn	10:11:41.663	0.5					T__		238.8		___	ML	2.4	165042	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.02	203.4	Lg	10:11:55.584	-1.3					T__				---		165048	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
ET1H	1.06	203.4	Pn	10:11:42.737	1.2					T__		198.9		___	ML	2.4	165043	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.06	203.4	Sn	10:11:56.950	-1.3					T__				---		165049	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
HU03A	1.12	212.5	Pn	10:11:43.871	1.5					T__		275.0		___	ML	2.6	165051	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.12	212.5	Sn	10:11:58.724	-0.9					T__				---		165050	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
VYHS 1.16 252.5 Pn 10:11:42.807 -0.3 T__ 45.1 ___ ML 1.8 165052 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.16 252.5 Lg 10:11:58.100 -2.2 T__ ___ 165053 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU07A 1.29 132.3 Sn 10:12:02.025 -1.7 T__ ___ 165054 FDSN ZJ 00 BUD iLoc HHN ??? _
OJC 1.44 341.8 Pn 10:11:47.927 0.6 T__ 254.5 ___ ML 2.7 165056 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.44 341.8 Lg 10:12:06.000 -1.1 T__ ___ 165055 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
TRPA 1.54 117.3 Pg 10:11:49.988 0.0 T__ 149.4 ___ ML 2.5 165057 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.54 117.3 Sn 10:12:11.061 0.9 T__ ___ 165058 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
KWP 1.64 60.9 Pg 10:11:51.517 0.2 T__ 238.2 ___ ML 2.8 165059 FDSN PL -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
A338A 1.66 240.3 Lg 10:12:17.105 0.1 T__ ___ 165060 FDSN Z3 00 BUD iLoc HH2 ??? _
SR0 1.79 235.2 Lg 10:12:20.770 -0.9 T__ ___ 165061 FDSN SK -- BUD iLoc EHN ??? _
JAVC 1.87 271.2 Pn 10:11:55.475 2.1 T__ 172.0 ___ ML 2.8 165063 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.87 271.2 Sn 10:12:19.841 0.0 T__ ___ 165062 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
CSKK 2.12 226.0 Lg 10:12:32.301 -0.2 T__ ___ 165066 FDSN HU -- BUD iLoc HHN ??? _
MORC 2.14 296.6 Pg 10:12:02.550 1.5 T__ 119.8 ___ ML 2.8 165064 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 2.14 296.6 Sn 10:12:25.819 -0.5 T__ ___ 165065 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
DRGR 2.55 143.3 Pn 10:12:03.718 1.2 T__ 92.8 ___ ML 2.9 165067 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/08 10:32:39.16 0.96 0.93 48.5273 19.3550 8.7 3.2 8 0.0f 12 8 164 0.35 1.28 sx BUD 18000614 BUD 187

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Magnitude Err Nsta Author OrigID
ML 2.0 0.1 4 BUD 18000614

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.35 264.7 Pg 10:32:46.870 0.5 T__ 28.9 ___ ML 0.7 165125 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.35 264.7 Lg 10:32:51.928 0.3 T__ ___ 165126 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
PSZ 0.71 149.2 Lg 10:33:04.135 -0.9 T__ ___ 165127 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.73 151.8 Lg 10:33:05.378 -0.2 T__ ___ 165128 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.75 92.9 Pg 10:32:54.994 0.8 T__ 161.9 ___ ML 2.1 165121 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.75 92.9 Lg 10:33:05.091 -0.4 T__ ___ 165120 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.79 91.9 Pg 10:32:55.117 0.3 T__ 142.7 ___ ML 2.1 165122 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.79 91.9 Lg 10:33:06.459 -0.2 T__ ___ 165123 FDSN ZJ -- BUD iLoc HHN ??? _

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 0.88 117.0 Pg 10:32:57.766 0.5 T__ 93.0 ___ ML 2.0 165118 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.88 117.0 Lg 10:33:09.619 -1.2 T__ ___ 165119 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JAVC 1.16 287.2 Lg 10:33:18.364 -2.0 T__ ___ 165129 FDSN CZ -- BUD iLoc HHE ??? _
ABAH 1.28 99.7 Sn 10:33:21.866 -0.2 T__ ___ 165124 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
2022/02/08 12:32:42.80 1.26 0.80 46.1395 16.4525 9.3 4.6 120 0.0f 11 7 143 0.34 1.37 sx BUD 18000616 BUD 201

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Magnitude Err Nsta Author OrigID
ML 1.9 0.5 4 BUD 18000616

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOGS 0.34 335.6 Pg 12:32:49.975 0.1 T__ 179.7 ___ ML 1.5 165218 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.34 335.6 Lg 12:32:54.365 -0.5 T__ ___ 165219 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BEHE 0.40 34.0 Lg 12:32:57.127 -0.4 T__ ___ 165220 FDSN HU -- BUD iLoc HHN ??? _
PTJ 0.41 235.6 Pg 12:32:50.853 -0.5 T__ 191.3 ___ ML 1.7 165216 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.41 235.6 Lg 12:32:56.853 -0.8 T__ ___ 165221 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A262A 0.73 4.1 Lg 12:33:07.333 -0.2 T__ ___ 165222 FDSN Z3 00 BUD iLoc HHN ??? _
CRES 0.76 246.0 Pg 12:32:58.754 1.2 T__ 158.7 ___ ML 2.1 165224 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.76 246.0 Lg 12:33:08.778 0.2 T__ ___ 165223 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOVH 1.15 92.0 Lg 12:33:21.914 0.8 T__ ___ 165225 FDSN HU -- BUD iLoc HHN ??? _
OBKA 1.37 286.3 Pg 12:33:08.826 -0.0 T__ 171.8 ___ ML 2.5 165226 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.37 286.3 Lg 12:33:28.317 1.3 T__ ___ 165217 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/09 04:25:58.99 1.00 0.73 47.8388 16.3096 7.4 3.3 47 0.0f 12 6 130 0.14 1.23 ke BUD 18000620 BUD 181

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Magnitude Err Nsta Author OrigID
ML 1.7 0.5 6 BUD 18000620

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.14 183.7 Pg 04:26:01.864 -0.2 T__ 110.0 _d ML 0.7 165417 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.14 183.7 Lg 04:26:03.827 -0.5 T__ ___ 165416 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
SOP 0.23 132.8 Pg 04:26:04.385 0.5 T__ 117.5 ___ ML 1.0 165418 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 132.8 Lg 04:26:07.288 -0.1 T__ ___ 165419 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1

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(Station ML: 1.0 magdef=1
CONA 0.31 286.7 Pg 04:26:05.743 0.3 T__ 161.3 ___ ML 1.4 165414 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.31 286.7 Lg 04:26:09.297 -0.5 T__ ___ 165415 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A008A 0.69 320.5 Pg 04:26:12.453 0.2 T__ 162.2 ___ ML 2.1 165421 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 320.5 Lg 04:26:21.482 -0.2 T__ ___ 165420 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ARSA 0.79 222.4 Pg 04:26:15.242 0.9 T__ 120.8 ___ ML 2.0 165423 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.79 222.4 Lg 04:26:23.920 -0.4 T__ ___ 165422 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KRUC 1.23 2.6 Pn 04:26:22.019 -0.8 T__ 182.0 ___ ML 2.4 165424 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.23 2.6 Sn 04:26:38.713 -1.5 T__ ___ 165425 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/09	05:07:51.98	1.06	0.62	47.8192	16.2676	7.9	3.8	28	3.6	23.6	10	5	120	0.12	1.25	ke	BUD	18000622	BUD			192

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	5 BUD	18000622

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 170.8 Pg 05:07:54.648 -0.1 T__ 175.2 _d_ ML 0.9 165482 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 170.8 Lg 05:07:56.735 -0.0 T__ ___ 165483 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
SOP 0.24 124.6 Pg 05:07:57.035 0.1 T__ 147.1 ___ ML 1.1 165485 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 124.6 Lg 05:08:00.402 0.1 T__ ___ 165484 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
CONA 0.29 291.9 Pg 05:07:58.264 0.2 T__ 114.7 ___ ML 1.2 165486 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 291.9 Lg 05:08:01.766 -0.4 T__ ___ 165487 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ARSA 0.76 221.8 Pg 05:08:06.735 0.0 T__ 192.1 ___ ML 2.2 165489 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.76 221.8 Lg 05:08:16.694 0.4 T__ ___ 165488 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KRUC 1.25 3.9 Pn 05:08:14.731 -0.9 T__ 208.5 ___ ML 2.5 165490 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.25 3.9 Sn 05:08:31.838 -1.1 T__ ___ 165491 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/09	05:29:25.66	1.09	0.57	47.8248	16.2613	9.5	3.7	36	0.0f		6	3	193	0.13	0.29	ke	BUD	18000624	BUD			315

Magnitude	Err	Nsta	Author	OrigID
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ML 1.1 0.0 3 BUD 18000624

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.13	169.3	Pg	05:29:28.648	0.1					T__		156.2		---	ML	0.8	165518	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	169.3	Lg	05:29:30.725	0.1					T__				---		165519	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
SOP	0.25	125.1	Pg	05:29:31.024	0.2					T__		142.1		---	ML	1.1	165520	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	125.1	Lg	05:29:34.247	-0.3					T__				---		165523	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.29	291.2	Pg	05:29:31.975	0.4					T__		111.8		---	ML	1.1	165522	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	291.2	Lg	05:29:34.805	-0.8					T__				---		165521	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/09	07:29:43.58	3.89	0.40	46.8756	22.8429	30.0	13.0	173	0.4	17.8	9	5	281	0.12	1.57	ke	BUD	18000626	BUD			308

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 5 BUD 18000626

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.12	227.2	Pg	07:29:46.322	-0.1					T__		98.1		---	ML	0.6	165550	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.12	227.2	Lg	07:29:48.863	0.1					T__				---		165551	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
SIRR	1.02	233.7	Lg	07:30:18.222	-0.1					T__		7.5		---	ML	0.9	165554	FDSN	RO	--	BUD	iLoc	HHN	HHZ	_
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
GZR	1.48	181.8	Pg	07:30:11.694	-0.0					T__		22.1		---	ML	1.7	165553	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.48	181.8	Sn	07:30:31.280	-0.4					T__				---		165552	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BZS	1.52	214.5	Pn	07:30:11.609	0.5					T__		68.7		---	ML	2.2	165556	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.52	214.5	Sn	07:30:32.104	0.1					T__				---		165555	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
LOT	1.57	155.4	Pn	07:30:12.416	0.1					T__		25.8		---	ML	1.8	165558	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.57	155.4	Sn	07:30:33.738	-0.5					T__				---		165557	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/09	08:07:50.88	1.11	0.21	47.7837	16.2106	14.7	5.6	28	11.0f		5	3	171	0.10	0.28	ke	BUD	18000628	BUD			327

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.10	145.4	Pg	08:07:54.028	0.1					T__		78.5		---	ML	0.5	165582	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

RONA	0.10	145.4	Lg	08:07:56.126	-0.1					T__				165583	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																							
(Station ML: 0.5 magdef=1)																							
SOP	0.26	113.0	Pg	08:07:56.559	0.1					T__	129.3		ML	1.1	165584	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	113.0	Lg	08:08:00.030	-0.2					T__				165585	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																							
(Station ML: 1.1 magdef=1)																							
CONA	0.28	301.7	Lg	08:08:00.898	-0.1					T__				165586	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/09	08:23:53.20	1.22	0.64	47.8134	16.2515	9.4	3.8	28	4.0	28.6	8	5	117	0.12	1.25	ke	BUD	18000630	BUD			188

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.3	3 BUD	18000630

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	165.1	Pg	08:23:55.898	-0.0					T__		105.5		_d	ML	0.7	165608	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	165.1	Lg	08:23:57.964	0.1					T__						165609	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.24	122.1	Pg	08:23:58.316	0.1					T__	121.9			ML	1.1	165611	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.24	122.1	Lg	08:24:01.756	-0.0					T__						165610	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.29	293.8	Pg	08:23:59.276	0.2					T__	155.6			ML	1.3	165612	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.29	293.8	Lg	08:24:02.882	-0.3					T__						165613	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ARSA	0.75	221.5	Lg	08:24:17.190	0.0					T__						165614	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.25	4.3	Sn	08:24:32.954	-1.2					T__						165615	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/09	08:54:20.49	1.49	0.94	48.4889	20.8066	13.3	5.9	16	0.0f		10	7	194	0.18	1.31	sx	BUD	18000632	BUD			211

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	3 BUD	18000632

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	272.3	Pg	08:54:24.416	0.2					T__		294.6			ML	1.3	165654	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	272.3	Lg	08:54:27.226	-0.0					T__						165658	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.21	268.6	Pg	08:54:25.052	0.1					T__	816.3			ML	1.8	165656	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.21	268.6	Lg	08:54:28.461	-0.0					T__						165655	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.35	123.6	Lg	08:54:33.950	0.1					T__						165659	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.84	227.2	Lg	08:54:50.609	-0.2					T__						165663	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.87	226.1	Lg	08:54:51.803	0.2					T__						165660	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TRPA	1.21	106.6	Sn	08:55:00.649	-1.5					T__						165661	FDSN	HU	--	BUD	iLoc	HHN	???	_	



VYHS 1.31 271.0 Pn 08:54:44.315 -0.9 T\_\_ 40.5 \_\_\_ ML 1.8 165657 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 1.31 271.0 Sn 08:55:02.910 -1.8 T\_\_ \_\_\_ 165662 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/09 10:08:11.67 0.90 0.84 48.0023 20.3608 5.5 2.8 132 0.0f 15 8 114 0.16 1.47 sx BUD 18000636 BUD 165

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.2 7 BUD 18000636

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.16	42.5	Pg	10:08:15.785	0.2					T__		383.4		___	ML	1.3	165748	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.16	42.5	Lg	10:08:18.347	-0.5					T__				---		165760	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
PSZ	0.32	255.2	Pg	10:08:19.049	0.0					T__		125.3		___	ML	1.3	165753	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	255.2	Lg	10:08:23.904	-0.7					T__				---		165752	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
ET1H	0.35	249.6	Pg	10:08:19.917	0.5					T__		79.5		___	ML	1.2	165754	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.35	249.6	Lg	10:08:24.690	-0.4					T__				---		165755	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
HU23A	0.37	191.7	Pg	10:08:20.247	0.3					T__		264.9		___	ML	1.8	165756	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.37	191.7	Lg	10:08:25.702	-0.2					T__				---		165759	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
KECS	0.49	9.8	Pg	10:08:22.417	0.8					T__		108.5		___	ML	1.7	165749	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.49	9.8	Lg	10:08:28.780	-0.4					T__				---		165758	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
JOS	0.51	13.5	Pg	10:08:22.541	0.6					T__		86.8		___	ML	1.7	165750	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	13.5	Lg	10:08:29.008	-0.8					T__				---		165751	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
ABAH	0.66	63.1	Pg	10:08:25.557	0.6					T__		134.5		___	ML	2.0	165757	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.66	63.1	Lg	10:08:34.566	-1.4					T__				---		165761	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																									
TRPA	1.47	84.2	Sn	10:09:00.770	1.6					T__				---		165762	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  
 2022/02/09 11:00:20.36 1.10 0.76 48.1079 16.9826 9.9 3.8 133 0.0f 10 5 192 0.33 1.31 sx BUD 18000638 BUD 250

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.1 4 BUD 18000638

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.33	36.4	Pg	11:00:27.842	0.3					T__				---		165800	FDSN	SK	--	BUD	iLoc	HHZ	???	_

MODS	0.33	36.4	Lg	11:00:32.450	-0.9	T__								165801	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.62	228.8	Pg	11:00:33.351	0.6	T__	146.8	---	ML	2.0	165797	FDSN	OE	165804	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.62	228.8	Lg	11:00:40.500	-0.5	T__		---									--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
CONA	0.77	257.0	Pg	11:00:35.797	0.1	T__	114.8	---	ML	2.0	165798	FDSN	OE	165805	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.77	257.0	Lg	11:00:44.764	-1.1	T__		---									--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
KRUC	1.03	338.0	Pg	11:00:40.904	0.7	T__	112.7	---	ML	2.1	165803	FDSN	CZ	165802	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.03	338.0	Lg	11:00:55.284	-0.1	T__		---									--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
ARSA	1.31	229.5	Pn	11:00:45.445	-0.0	T__	114.4	---	ML	2.3	165799	FDSN	OE	165806	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.31	229.5	Sn	11:01:04.495	0.9	T__		---									--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/09	12:13:10.41	1.12	0.84	47.9295	20.1282	10.3	3.0	154	0.0f		14	7	190	0.16	1.03	sx	BUD	18000640	BUD			202

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	7 BUD	18000640

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.16	266.1	Pg	12:13:14.617	0.2					T__		633.5		---	ML	1.5	165847	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.16	266.1	Lg	12:13:17.633	-0.0					T__				---		165848	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.18	253.8	Pg	12:13:14.618	-0.1					T__		485.5		---	ML	1.5	165850	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.18	253.8	Lg	12:13:17.634	-0.4					T__				---		165849	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.33	53.9	Pg	12:13:17.412	-0.2					T__		166.3		---	ML	1.4	165842	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.33	53.9	Lg	12:13:22.991	-0.4					T__				---		165843	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.60	23.2	Pg	12:13:22.695	0.1					T__		89.1		---	ML	1.8	165845	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.60	23.2	Lg	12:13:30.464	-1.4					T__				---		165844	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.63	25.7	Pg	12:13:23.538	0.5					T__		124.2		---	ML	1.9	165846	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	25.7	Lg	12:13:33.869	1.2					T__				---		165852	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.83	63.4	Pg	12:13:28.075	1.1					T__		169.8		---	ML	2.2	165851	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.83	63.4	Lg	12:13:39.067	-1.4					T__				---		165853	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
VYHS	1.03	303.7	Pn	12:13:32.058	0.9					T__		38.6		---	ML	1.7	165855	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.03	303.7	Lg	12:13:46.025	-0.3					T__				---		165854	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

(Station ML: 1.7 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/09	15:13:25.74	1.06	0.35	47.8209	16.2598	5.3	3.6	22	7.2	16.2	14	7	73	0.12	1.25	ke	BUD	18000646	BUD			123

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.6	6 BUD	18000646

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	168.5	Pg	15:13:28.739	-0.0					T__		116.2		___	ML	0.7	165969	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	168.5	Lg	15:13:30.764	-0.2					T__				---		165970	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0																									
SOP	0.24	124.2	Pg	15:13:31.136	0.2					T__		156.0		___	ML	1.2	165972	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	124.2	Lg	15:13:34.483	0.0					T__				---		165971	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
CONA	0.29	292.0	Pg	15:13:32.107	0.3					T__		147.4		___	ML	1.3	165973	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	292.0	Lg	15:13:35.619	-0.3					T__				---		165974	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
A008A	0.68	323.6	Pg	15:13:38.925	0.1					T__		147.6		___	ML	2.0	165977	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	323.6	Lg	15:13:48.099	-0.1					T__				---		165978	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
ARSA	0.76	221.4	Pg	15:13:40.041	-0.4					T__		140.0		___	ML	2.1	165976	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.76	221.4	Lg	15:13:50.330	0.3					T__				---		165975	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
MODS	0.88	50.6	Pg	15:13:43.746	0.4					T__				---		165982	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.88	50.6	Lg	15:13:55.895	-0.6					T__				---		165981	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.25	4.1	Pn	15:13:49.008	0.1					T__		150.7		___	ML	2.4	165979	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.25	4.1	Sn	15:14:05.619	-0.3					T__				---		165980	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/09	20:29:51.59	0.77	0.60	47.8527	16.2854	3.9	3.0	46	0.0f		35	21	62	0.15	2.11	ke	BUD	18000650	BUD			84

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	13 BUD	18000650

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.15	177.3	Pg	20:29:55.010	0.0					T__		634.9		___	ML	1.5	166110	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.15	177.3	Lg	20:29:57.045	-0.4					T__				---		166109	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0																									
SOP	0.25	132.5	Pg	20:29:57.396	0.5					T__		359.6		_d	ML	1.6	166107	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	132.5	Lg	20:30:00.867	0.2					T__				---		166108	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1																									

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(Station ML: 1.6 magdef=1
CONA 0.30 285.0 Pg 20:29:57.458 -0.2 T__ 256.9 ___ ML 1.5 166112 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 285.0 Lg 20:30:01.661 -0.1 T__ ___ 166117 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
A260A 0.64 153.3 Pg 20:30:04.524 0.0 T__ 206.5 ___ ML 2.2 166111 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.64 153.3 Lg 20:30:13.149 -0.1 T__ ___ 166118 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A008A 0.67 320.8 Pg 20:30:05.020 0.6 T__ 216.7 ___ ML 2.2 166116 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.67 320.8 Lg 20:30:13.892 0.3 T__ ___ 166119 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ARSA 0.79 220.9 Pg 20:30:06.425 -0.5 T__ 151.4 ___ ML 2.1 166114 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.79 220.9 Lg 20:30:16.206 -0.7 T__ ___ 166120 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MODS 0.84 51.5 Pg 20:30:09.028 0.2 T__ ___ 166115 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.84 51.5 Lg 20:30:21.206 -0.8 T__ ___ 166121 FDSN SK -- BUD iLoc HHN ??? _
A261A 1.08 146.6 Lg 20:30:26.744 -1.0 T__ ___ 166122 FDSN Z3 00 BUD iLoc HHN ??? _
MPLH 1.09 128.3 Pn 20:30:13.119 -0.2 T__ 123.0 ___ ML 2.2 166113 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.09 128.3 Sn 20:30:28.149 -1.1 T__ ___ 166123 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU08A 1.19 110.2 Sn 20:30:30.711 -1.0 T__ ___ 166124 FDSN ZJ 00 BUD iLoc HHN ??? _
KRUC 1.21 3.4 Pn 20:30:15.091 -0.1 T__ 165.5 ___ ML 2.4 166126 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.21 3.4 Sn 20:30:31.537 -0.9 T__ ___ 166125 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
JAVC 1.37 42.0 Pn 20:30:17.794 0.2 T__ 188.3 ___ ML 2.5 166140 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.37 42.0 Sn 20:30:36.953 -0.3 T__ ___ 166141 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
SRO 1.37 90.9 Sn 20:30:36.165 -0.2 T__ ___ 166127 FDSN SK -- BUD iLoc EHN ??? _
KOGS 1.41 181.0 Sn 20:30:36.000 -0.7 T__ ___ 166128 FDSN SL -- BUD iLoc BHN ??? _
CSKK 1.42 109.4 Sn 20:30:37.653 -0.1 T__ ___ 166129 FDSN HU -- BUD iLoc HHN ??? _
VRAC 1.47 7.9 Pn 20:30:18.892 0.0 T__ 37.6 ___ ML 1.9 166131 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.47 7.9 Sn 20:30:38.314 -0.5 T__ ___ 166130 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
TREC 1.54 340.1 Pn 20:30:20.297 0.4 T__ 127.4 ___ ML 2.5 166132 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.54 340.1 Sn 20:30:40.711 0.5 T__ ___ 166133 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
CKRC 1.64 307.0 Pn 20:30:21.454 0.3 T__ 384.0 ___ ML 3.0 166135 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.64 307.0 Sn 20:30:42.859 -0.2 T__ ___ 166134 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
OBKA 1.79 222.0 Pg 20:30:26.330 0.9 T__ 150.7 ___ ML 2.7 166136 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.79 222.0 Lg 20:30:50.380 1.1 T__ ___ 166137 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
VYHS 1.82 68.5 Lg 20:30:52.694 -0.1 T__ ___ 166138 FDSN SK -- BUD iLoc HHN ??? _

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CRES 2.11 196.0 Lg 20:31:01.124 1.1 T\_\_ --- 166139 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
2022/02/09	20:33:27.77	0.92	1.45	47.9964	16.4750	5.1	3.8	128	0.0f	9	6	115		0.32	1.07	ke	BUD	18000652	BUD			172

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.32	169.8	Pg	20:33:35.092	0.7					T__		113.0		---	ML	1.2	166187	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.32	169.8	Lg	20:33:38.946	-0.0					T__				---		166186	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
RONA	0.32	202.1	Lg	20:33:35.919	-3.0					T__				---		166185	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.42	260.8	Pg	20:33:36.740	0.5					T__	103.8			---	ML	1.5	166189	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.42	260.8	Lg	20:33:41.714	-0.2					T__				---		166188	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
MODS	0.66	54.6	Pg	20:33:41.781	0.4					T__				---		166190	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.66	54.6	Lg	20:33:51.037	-0.7					T__				---		166191	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	0.99	221.1	Lg	20:34:00.128	0.9					T__				---		166192	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.07	357.2	Lg	20:34:02.980	-1.1					T__				---		166193	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/10	04:53:29.55	1.02	0.47	47.8218	16.2471	5.2	3.5	25	5.7	18.6	14	7	72	0.13	1.24	ke	BUD	18000656	BUD			127

Magnitude Err Nsta Author OrigID  
ML 1.6 0.6 6 BUD 18000656

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	164.8	Pg	04:53:32.560	0.0					T__		112.4		---	ML	0.7	166300	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	164.8	Lg	04:53:34.591	-0.1					T__				---		166301	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=0)																					
SOP	0.25	123.3	Pg	04:53:34.975	0.2					T__		142.3		---	ML	1.2	166303	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	123.3	Lg	04:53:38.414	-0.0					T__				---		166302	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
CONA	0.28	292.5	Pg	04:53:35.642	0.2					T__	108.8			---	ML	1.1	166313	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	292.5	Lg	04:53:38.707	-0.7					T__				---		166304	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
A008A	0.68	324.1	Pg	04:53:42.493	-0.1					T__		133.3		---	ML	2.0	166306	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	324.1	Lg	04:53:52.408	0.6					T__				---		166305	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
ARSA	0.75	220.9	Pg	04:53:43.902	-0.3					T__		117.7		---	ML	2.0	166307	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.75	220.9	Lg	04:53:53.926	0.3					T__				---		166308	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
MODS	0.88	51.0	Pg	04:53:47.707	0.4					T__				---		166310	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

```

MODS  0.88  51.0 Lg    04:53:59.743 -0.8          T__
KRUC  1.24  4.5 Pn    04:53:52.663 -0.3          T__      114.8      --- ML    2.3 166312  FDSN CZ    -- BUD  iLoc  HHZ  HHZ  _
KRUC  1.24  4.5 Sn    04:54:09.539 -0.5          T__      ---      ---      166311  FDSN CZ    -- BUD  iLoc  HHN  ???  _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
  
```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/02/10 05:14:33.55  0.86  0.45  47.8324  16.2635  4.9  3.2  31  4.2  17.8  18  10  68  0.13  1.64  ke  BUD  18000658  BUD  119
  
```

```

Magnitude  Err Nsta Author  OrigID
ML  1.9 0.3  8 BUD  18000658
  
```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
RONA  0.13 170.5 Pg    05:14:36.548 -0.0          T__      294.9  _d_ ML    1.1 166358  FDSN OE    -- BUD  iLoc  HHZ  HHZ  _
RONA  0.13 170.5 Lg    05:14:38.597 -0.2          T__      ---      ---      166359  FDSN OE    -- BUD  iLoc  HHN  ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SOP  0.25 126.8 Pg    05:14:38.945  0.2          T__      138.1  ___ ML    1.1 166361  FDSN HU    -- BUD  iLoc  HHZ  HHZ  _
SOP  0.25 126.8 Lg    05:14:42.384  0.1          T__      ---      ---      166360  FDSN HU    -- BUD  iLoc  HHN  ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
CONA  0.29 289.7 Pg    05:14:40.006  0.5          T__      140.4  ___ ML    1.2 166362  FDSN OE    -- BUD  iLoc  HHZ  HHZ  _
CONA  0.29 289.7 Lg    05:14:42.878 -0.7          T__      ---      ---      166363  FDSN OE    -- BUD  iLoc  HHN  ???  _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A008A 0.68 322.9 Pg    05:14:46.939  0.4          T__      207.6  ___ ML    2.2 166364  FDSN Z3    00 BUD  iLoc  HHZ  HHZ  _
A008A 0.68 322.9 Lg    05:14:55.646 -0.1          T__      ---      ---      166372  FDSN Z3    00 BUD  iLoc  HH2  ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ARSA  0.77 221.0 Pg    05:14:48.109 -0.3          T__      115.9  ___ ML    2.0 166365  FDSN OE    -- BUD  iLoc  HHZ  HHZ  _
ARSA  0.77 221.0 Lg    05:14:57.878 -0.2          T__      ---      ---      166373  FDSN OE    -- BUD  iLoc  HHN  ???  _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
EGYH  0.83 119.5 Pg    05:14:50.817  0.7          T__      153.5  ___ ML    2.1 166366  FDSN HU    -- BUD  iLoc  HHZ  HHZ  _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MODS  0.87  51.1 Pg    05:14:50.743 -0.2          T__      ---      ---      166367  FDSN SK    -- BUD  iLoc  HHZ  ???  _
MODS  0.87  51.1 Lg    05:15:03.585 -0.4          T__      ---      ---      166374  FDSN SK    -- BUD  iLoc  HHN  ???  _
KRUC  1.23  4.0 Pn    05:14:56.652 -0.3          T__      136.2  ___ ML    2.3 166369  FDSN CZ    -- BUD  iLoc  HHZ  HHZ  _
KRUC  1.23  4.0 Sn    05:15:13.554 -0.5          T__      ---      ---      166368  FDSN CZ    -- BUD  iLoc  HHN  ???  _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
VRAC  1.49  8.3 Pn    05:15:00.585  0.0          T__      37.6   ___ ML    1.9 166371  FDSN CZ    -- BUD  iLoc  HHZ  HHZ  _
VRAC  1.49  8.3 Sn    05:15:20.121 -0.3          T__      ---      ---      166370  FDSN CZ    -- BUD  iLoc  HHE  ???  _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CKRC  1.64 307.9 Sn    05:15:24.871  0.7          T__      ---      ---      166375  FDSN CZ    -- BUD  iLoc  HHN  ???  _
  
```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/02/10 08:00:58.95  3.81  0.80  46.9098  22.7991  37.8  22.0 123  0.0f  8  5  283  0.13  1.61  sx  BUD  18000660  BUD  309
  
```

Magnitude Err Nsta Author OrigID  
 ML 1.7 1.0 3 BUD 18000660

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.13	207.1	Pg	08:01:01.920	-0.1					T__		209.8		_c_	ML	1.0	166409	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.13	207.1	Lg	08:01:04.628	0.0					T__				---		166410	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SIRR	1.02	231.1	Pn	08:01:19.282	-0.1					T__		43.0		---	ML	1.7	166416	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	1.02	231.1	Lg	08:01:33.914	0.0					T__				---		166411	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	1.52	180.6	Pn	08:01:27.768	0.9					T__		103.0		---	ML	2.4	166414	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.52	180.6	Sn	08:01:47.670	-0.5					T__				---		166413	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
BZS	1.53	212.8	Sn	08:01:48.987	1.1					T__				---		166412	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.61	154.9	Sn	08:01:49.939	-1.0					T__				---		166415	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/10 08:53:03.69 1.29 1.42 47.3439 18.4006 7.4 5.4 84 0.0f 13 11 110 0.10 1.59 sx BUD 18000662 BUD 192

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.10	281.5	Pg	08:53:07.274	1.0					T__		2071.0		---	ML	1.9	166444	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	281.5	Lg	08:53:08.518	-0.3					T__				---		166445	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU09A	0.30	357.6	Lg	08:53:14.432	-1.1					T__				---		166446	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.34	285.3	Lg	08:53:15.602	-1.2					T__				---		166455	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.61	253.8	Lg	08:53:24.057	-1.6					T__				---		166447	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.13	61.2	Pn	08:53:26.342	0.7					T__		137.6		---	ML	2.3	166456	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.13	61.2	Sn	08:53:41.781	-1.3					T__				---		166448	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
MORH	1.14	171.5	Lg	08:53:42.052	-0.8					T__				---		166449	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.16	59.8	Sn	08:53:42.888	-1.5					T__				---		166450	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.19	14.1	Sn	08:53:43.101	-1.9					T__				---		166451	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	1.28	324.1	Sn	08:53:45.239	-1.9					T__				---		166452	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	1.47	284.8	Sn	08:53:51.177	-0.1					T__				---		166453	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	1.59	342.4	Sn	08:53:56.806	1.2					T__				---		166454	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/10 09:32:36.83 0.87 0.89 48.5295 17.4651 4.9 3.7 151 0.0f 13 8 88 0.20 1.25 sx BUD 18000664 BUD 127

Magnitude Err Nsta Author OrigID  
 ML 2.2 0.0 5 BUD 18000664

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.20	218.8	Pg	09:32:41.487	0.1					T__						166485	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	218.8	Lg	09:32:44.191	-1.0					T__						166491	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.36	22.4	Pg	09:32:44.268	-0.3					T__		286.6			ML	1.7	166486	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	22.4	Lg	09:32:49.606	-1.0					T__						166492	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A338A	0.79	130.6	Lg	09:33:04.313	-1.1					T__						166493	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KRUC	0.89	307.4	Lg	09:33:06.070	-0.8					T__						166494	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.91	91.7	Pg	09:32:56.118	0.9					T__		45.4			ML	1.7	166496	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.91	91.7	Lg	09:33:08.191	-0.3					T__						166495	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
RONA	1.14	223.8	Pg	09:32:59.524	0.1					T__		112.7			ML	2.2	166487	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.14	223.8	Lg	09:33:14.801	0.6					T__						166488	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
CONA	1.23	241.3	Pg	09:33:02.191	1.2					T__		107.0			ML	2.2	166497	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.23	241.3	Lg	09:33:17.070	0.2					T__						166489	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
MORC	1.25	2.3	Pg	09:33:01.265	1.2					T__		106.2			ML	2.2	166490	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/10	09:39:12.30	0.93	1.07	48.3137	18.5225	7.7	3.7	5	0.0f		15	8	159	0.28	1.36	sx	BUD	18000666	BUD			199

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.0	6 BUD	18000666

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.28	49.1	Pg	09:39:18.873	0.7					T__		60.0			ML	0.8	166539	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.28	49.1	Lg	09:39:22.202	-0.3					T__						166540	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
JAVC	0.79	314.3	Pg	09:39:28.250	-0.2					T__		227.8			ML	2.3	166542	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.79	314.3	Lg	09:39:39.445	-1.2					T__						166541	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
MODS	0.83	274.6	Pg	09:39:30.397	1.1					T__						166543	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.83	274.6	Lg	09:39:41.300	-0.8					T__						166544	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.00	112.8	Pn	09:39:33.834	1.0					T__		115.0			ML	2.1	166536	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.00	112.8	Lg	09:39:46.712	-1.6					T__						166537	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ET1H	1.00	115.2	Pn	09:39:32.276	-0.4					T__		111.6			ML	2.1	166538	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.00	115.2	Lg	09:39:46.581	-1.4					T__						166545	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KECS	1.32	81.9	Pn	09:39:38.287	1.2					T__		78.2			ML	2.1	166547	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.32	81.9	Sn	09:39:56.141	-0.5					T__						166546	FDSN	SK	--	BUD	iLoc	EHN	???	_	



```

(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 1.35 97.4 Sn 09:39:56.855 -0.8 T__
JOS 1.36 81.5 Pn 09:39:38.703 1.2 T__ 104.3 --- ML 2.3 166535 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.36 81.5 Sn 09:39:56.959 -0.6 T__ --- 166548 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/10 09:46:32.15 0.98 0.95 46.0732 22.0385 5.7 4.5 62 0.0f 9 5 93 0.33 1.36 sx BUD 18000668 BUD 179

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```

Magnitude Err Nsta Author OrigID
ML 1.8 0.3 4 BUD 18000668

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Sta 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 0.33 306.6 Pg 09:46:39.432 0.2 T__ 124.5 --- ML 1.3 166603 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.33 306.6 Lg 09:46:44.481 -0.3 T__ --- 166606 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
BZS 0.54 213.0 Pg 09:46:43.189 0.3 T__ 58.2 --- ML 1.6 166608 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.54 213.0 Lg 09:46:50.140 -0.6 T__ --- 166607 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.85 142.5 Pg 09:46:48.995 0.5 T__ 96.5 --- ML 2.0 166609 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.85 142.5 Lg 09:47:00.293 -0.2 T__ --- 166604 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
DRGR 0.86 32.7 Pg 09:46:49.500 0.2 T__ 101.6 --- ML 2.0 166601 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.86 32.7 Lg 09:47:01.902 -0.3 T__ --- 166602 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
LOT 1.36 116.7 Lg 09:47:15.737 -2.1 T__ --- 166605 FDSN RO -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/10 09:53:51.32 1.25 0.64 48.0195 16.1040 7.1 5.7 15 0.0f 6 4 147 0.19 1.06 sx BUD 18000670 BUD 277

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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
CONA 0.19 240.8 Pg 09:53:55.410 0.2 T__ 204.4 --- ML 1.1 166633 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.19 240.8 Lg 09:53:57.459 -0.6 T__ --- 166635 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
RONA 0.35 157.9 Pg 09:53:58.627 0.2 T__ 90.2 --- ML 1.2 166634 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.35 157.9 Lg 09:54:02.633 -0.6 T__ --- 166636 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ARSA 0.86 207.3 Lg 09:54:19.554 0.7 T__ --- 166637 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.06 10.4 Lg 09:54:27.260 -0.1 T__ --- 166638 FDSN CZ -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/10	10:00:00.65	1.22	0.98	48.5235	20.7856	8.8	3.4	10	0.0f		14	8	198	0.17	1.30	sx	BUD	18000672	BUD			217

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	6 BUD	18000672

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	260.5	Pg	10:00:04.382	0.2				T__			401.0		___	ML	1.4	166669	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	260.5	Lg	10:00:07.272	0.3				T__					---		166670	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.20	258.7	Pg	10:00:04.896	-0.0				T__			1046.2		___	ML	1.9	166671	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	258.7	Lg	10:00:08.481	0.2				T__					---		166672	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.38	126.8	Pg	10:00:08.818	0.3				T__			155.2		___	ML	1.5	166673	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	126.8	Lg	10:00:13.959	-1.2				T__					---		166674	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HUO2A	0.44	203.5	Pg	10:00:10.632	0.7				T__			72.9		___	ML	1.4	166682	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HUO2A	0.44	203.5	Lg	10:00:17.035	-0.1				T__					---		166675	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.85	224.9	Lg	10:00:30.292	-1.1				T__					---		166676	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.89	223.8	Lg	10:00:31.637	-0.7				T__					---		166677	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TRPA	1.23	107.9	Pg	10:00:24.916	0.5				T__			129.3		___	ML	2.3	166679	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.23	107.9	Sn	10:00:40.575	-2.3				T__					---		166678	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
VYHS	1.30	269.4	Pg	10:00:26.882	0.2				T__			39.0		___	ML	1.8	166681	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	269.4	Sn	10:00:43.346	-1.2				T__					---		166680	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/10	13:59:33.57	0.94	0.39	47.7840	16.2065	13.8	3.7	33	11.0f		8	4	157	0.10	1.29	ke	BUD	18000676	BUD			221

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	4 BUD	18000676

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.10	144.3	Pg	13:59:36.749	0.1				T__			154.9		_d	ML	0.8	166765	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	144.3	Lg	13:59:38.807	-0.1				T__					---		166764	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
SOP	0.26	112.9	Pg	13:59:39.356	0.2				T__			109.8		___	ML	1.1	166766	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	112.9	Lg	13:59:42.567	-0.5				T__					---		166767	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.27	302.0	Pg	13:59:39.365	-0.2				T__			95.0		___	ML	1.0	166762	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

```

CONA 0.27 302.0 Lg 13:59:43.957 0.3 T__ --- 166763 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KRUC 1.29 5.5 Pn 13:59:57.265 0.4 T__ 116.1 --- ML 2.3 166769 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.29 5.5 Sn 14:00:13.618 -0.4 T__ --- 166768 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/10 15:40:03.41 0.95 0.82 47.8503 16.3229 5.0 3.9 29 0.0f 10 6 86 0.15 1.21 ke BUD 18000678 BUD 139

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```

Magnitude Err Nsta Author OrigID
ML 1.1 0.3 4 BUD 18000678

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.15 186.8 Pg 15:40:06.612 -0.1 T__ 111.3 _d ML 0.8 167550 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.15 186.8 Lg 15:40:08.643 -0.5 T__ --- 167551 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
SOP 0.23 136.4 Pg 15:40:09.000 0.7 T__ 128.1 --- ML 1.0 167552 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 136.4 Lg 15:40:11.716 -0.1 T__ --- 167553 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA 0.32 284.3 Pg 15:40:10.015 0.1 T__ 86.0 --- ML 1.1 167554 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.32 284.3 Lg 15:40:15.027 0.6 T__ --- 167556 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ARSA 0.81 222.4 Lg 15:40:29.339 0.1 T__ --- 167557 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.83 50.3 Lg 15:40:32.123 -1.1 T__ --- 167558 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.21 2.2 Pn 15:40:26.606 -0.5 T__ 112.5 --- ML 2.2 167555 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.21 2.2 Sn 15:40:42.850 -1.5 T__ --- 167559 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/10 17:22:58.23 0.87 0.68 47.8521 16.2682 4.3 3.4 31 1.6 13.0 23 16 63 0.15 1.78 ke BUD 18000680 BUD 95

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.4 6 BUD 18000680

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.15 172.9 Pg 17:23:01.445 -0.1 T__ 769.4 _d ML 1.6 167603 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.15 172.9 Lg 17:23:03.530 -0.4 T__ --- 167604 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
SOP 0.26 130.7 Pg 17:23:03.850 0.3 T__ 241.0 --- ML 1.4 167606 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.26 130.7 Lg 17:23:07.271 0.1 T__ --- 167605 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
CONA 0.28 285.7 Pg 17:23:03.923 -0.1 T__ 147.3 _c ML 1.3 167607 FDSN OE -- BUD iLoc HHZ HHZ _

```

CONA	0.28	285.7	Lg	17:23:08.533	0.5	T__											167612	FDSN	OE	--	BUD	iLoc	HHN	???	_					
(Reading ML: 1.3 magdef=1)																														
(Station ML: 1.3 magdef=0)																														
A260A	0.64	152.3	Lg	17:23:19.545	-0.1	T__												167613	FDSN	Z3	00	BUD	iLoc	HHN	???	_				
ARSA	0.79	220.3	Pg	17:23:12.814	-0.6	T__						137.6						ML	2.1	167609	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
ARSA	0.79	220.3	Lg	17:23:23.716	0.4	T__													167608	FDSN	OE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.1 magdef=1)																														
(Station ML: 2.1 magdef=1)																														
EGYH	0.84	120.8	Lg	17:23:26.763	-0.2	T__													167614	FDSN	HU	--	BUD	iLoc	HHN	???	_			
MODS	0.85	52.0	Pg	17:23:15.667	0.3	T__													167610	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	0.85	52.0	Lg	17:23:27.631	-0.5	T__													167611	FDSN	SK	--	BUD	iLoc	HHN	???	_			
A262A	1.00	169.8	Lg	17:23:30.949	0.0	T__													167615	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
A261A	1.08	146.1	Lg	17:23:33.784	-0.3	T__													167616	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
MPLH	1.10	127.9	Pn	17:23:20.018	0.2	T__													ML	2.2	167618	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	1.10	127.9	Sn	17:23:34.286	-1.5	T__														167617	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1)																														
(Station ML: 2.2 magdef=0)																														
HU08A	1.20	110.0	Sn	17:23:37.443	-0.8	T__														167619	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KRUC	1.21	3.9	Pn	17:23:21.383	-0.3	T__														ML	2.1	167621	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	3.9	Sn	17:23:38.212	-0.5	T__															167620	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																														
(Station ML: 2.1 magdef=1)																														
JAVC	1.38	42.3	Sn	17:23:45.165	1.5	T__															167623	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
KOGS	1.40	180.5	Lg	17:23:44.096	0.8	T__															167622	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CKRC	1.63	307.3	Sn	17:23:50.101	1.0	T__															167624	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
OBKA	1.78	221.7	Sn	17:23:53.747	0.5	T__															167625	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/10	22:02:07.80	1.02	0.76	47.8459	16.2887	5.4	3.6	26	8.5	10.9	14	10	69	0.15	1.54	ke	BUD	18000682	BUD			118

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	18000682

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
RONA	0.15	178.0	Pg	22:02:11.236	-0.1					T__		323.9		_d	ML	1.2	167665	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.15	178.0	Lg	22:02:13.289	-0.6					T__						167664	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
SOP	0.24	131.7	Pg	22:02:13.614	0.6					T__		124.2		---	ML	1.1	167666	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.24	131.7	Lg	22:02:17.012	0.4					T__						167667	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
CONA	0.30	286.2	Pg	22:02:14.048	-0.1					T__		156.3		---	ML	1.3	167662	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.30	286.2	Lg	22:02:19.207	0.8					T__						167663	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
ARSA	0.79	221.3	Pg	22:02:22.623	-0.5					T__		66.6		---	ML	1.8	167669	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.79	221.3	Lg	22:02:33.416	0.3					T__						167668	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
EGYH	0.83	120.9	Lg	22:02:35.630	-0.4					T__						167670	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MODS	0.85	51.1	Lg	22:02:36.508	-1.0					T__						167671	FDSN	SK	--	BUD	iLoc	HHN	???	_		

A261A	1.07	146.5	Lg	22:02:42.654	-0.2	T__	---	167672	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	1.08	128.1	Sn	22:02:43.386	-0.3	T__	---	167673	FDSN	HU	--	BUD	iLoc	HHN	???	_
KRUC	1.22	3.3	Sn	22:02:47.484	0.4	T__	---	167674	FDSN	CZ	--	BUD	iLoc	HHN	???	_
TREC	1.54	340.1	Sn	22:02:56.411	1.5	T__	---	167675	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/10	23:02:02.28	1.14	0.63	47.7745	16.2961	9.3	5.5	16	11.0f	5	3	179	0.07	0.33	ke	BUD	18000684	BUD				297

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
RONA	0.07	179.9	Pg	23:02:04.929	-0.1					T__		69.0		---	ML	0.3	167697	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.07	179.9	Lg	23:02:06.878	-0.1					T__				---		167698	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.3 magdef=1)																										
(Station ML: 0.3 magdef=1)																										
SOP	0.20	117.2	Pg	23:02:06.500	-0.3					T__		72.9		---	ML	0.7	167701	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.20	117.2	Lg	23:02:10.774	0.8					T__				---		167699	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.7 magdef=1)																										
(Station ML: 0.7 magdef=1)																										
CONA	0.33	297.9	Lg	23:02:14.294	0.2					T__				---		167700	FDSN	OE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/11	08:36:15.00	1.21	0.79	47.0245	22.3141	8.8	7.2	26	0.0f	13	7	122	0.36	1.90	sx	BUD	18000688	BUD				168

Magnitude Err Nsta Author OrigID  
ML 2.0 0.3 6 BUD 18000688

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
DRGR	0.36	130.4	Pg	08:36:22.774	0.4					T__		203.3		_c	ML	1.6	168838	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.36	130.4	Lg	08:36:27.237	-1.1					T__				---		168842	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
SIRR	0.88	211.0	Pg	08:36:33.128	0.3					T__		33.8		---	ML	1.5	168839	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
SIRR	0.88	211.0	Lg	08:36:44.396	-1.6					T__				---		168843	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=0)																										
TRPA	1.12	7.8	Pn	08:36:36.474	-0.3					T__		132.5		---	ML	2.2	168845	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TRPA	1.12	7.8	Lg	08:36:52.864	-0.9					T__				---		168844	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=1)																										
BZS	1.49	199.2	Pn	08:36:42.384	0.3					T__		36.2		---	ML	1.9	168840	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BZS	1.49	199.2	Sn	08:37:02.359	-0.5					T__				---		168846	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
GZR	1.66	168.7	Pg	08:36:47.213	0.7					T__		57.6		---	ML	2.2	168841	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	1.66	168.7	Sn	08:37:07.335	-0.3					T__				---		168847	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=1)																										
LOT	1.87	146.8	Sn	08:37:13.554	0.3					T__				---		168848	FDSN	RO	--	BUD	iLoc	HHN	???	_		
JOS	1.90	321.5	Pg	08:36:52.476	0.2					T__		61.1		---	ML	2.3	168849	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	

JOS 1.90 321.5 Lg 08:37:18.378 0.1 T\_\_ --- 168850 FDSN ZJ -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/11	09:03:40.90	1.14	1.06	48.4748	20.7804	7.3	4.2	21	0.0f	12	8	188	0.16	1.29	sx	BUD	18000690	BUD				202

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	18000690

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	277.6	Pg	09:03:44.414	0.1					T__		244.3		---	ML	1.1	168885	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	277.6	Lg	09:03:47.109	0.0					T__				---		168888	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
KECS	0.20	272.6	Pg	09:03:44.963	-0.1					T__		640.0		---	ML	1.7	168886	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	272.6	Lg	09:03:48.317	0.0					T__				---		168889	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
ABAH	0.35	120.1	Lg	09:03:54.097	-0.5					T__				---		168890	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.39	205.9	Pg	09:03:48.969	-0.3					T__		62.5		---	ML	1.2	168887	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.39	205.9	Lg	09:03:56.878	1.1					T__				---		168891	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
PSZ	0.81	227.1	Lg	09:04:10.195	-0.2					T__				---		168892	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.85	225.9	Lg	09:04:11.512	0.2					T__				---		168893	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TRPA	1.22	105.7	Pg	09:04:04.926	0.4					T__		74.1		---	ML	2.1	168895	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.22	105.7	Sn	09:04:21.024	-1.8					T__				---		168894	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
VYHS	1.29	271.6	Sn	09:04:22.414	-2.3					T__				---		168896	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
2022/02/11	11:41:52.92	3.76	0.98	46.9364	22.3426	32.7	6.8	168	0.0f	7	4	264	0.29	1.57	sx	BUD	18000694	BUD				313

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	18000694

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.29	119.7	Pg	11:41:59.081	0.1					T__		107.6		_c	ML	1.1	168980	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.29	119.7	Lg	11:42:03.306	-0.7					T__				---		168984	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
SIRR	0.82	215.4	Pg	11:42:09.404	-0.1					T__		48.7		---	ML	1.6	168982	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.82	215.4	Lg	11:42:20.782	-1.1					T__				---		168981	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
BZS	1.41	201.1	Pn	11:42:19.955	1.0					T__		33.4		---	ML	1.8	168985	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									

```
GZR 1.57 168.8 Pg 11:42:23.716 1.0 T__ 34.3 ___ ML 1.9 168983 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.57 168.8 Sn 11:42:43.691 0.4 T__ ___ 168986 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/11 19:53:47.49 0.97 0.95 46.4441 16.2425 6.5 3.1 134 0.0f 10 7 113 0.01 1.17 ke BUD 18000698 BUD 146
```

```
Magnitude Err Nsta Author OrigID
ML 1.5 0.2 3 BUD 18000698
```

```
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOGS 0.01 53.3 Pg 19:53:47.613 -0.2 T__ 1143.0 ___ ML 1.4 169057 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.01 53.3 Lg 19:53:48.985 0.8 T__ ___ 169058 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
BEHE 0.37 85.8 Lg 19:54:00.852 -0.3 T__ 169066 FDSN HU -- BUD iLoc HHN ??? _
A262A 0.46 24.9 Pg 19:53:57.751 0.7 T__ 108.6 ___ ML 1.6 169060 FDSN Z3 00 BUD iLoc HHZ HHZ _
A262A 0.46 24.9 Lg 19:54:02.470 -1.2 T__ ___ 169059 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PTJ 0.57 199.6 Pg 19:53:59.776 0.7 T__ 47.6 ___ ML 1.5 169062 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.57 199.6 Lg 19:54:06.581 -0.8 T__ ___ 169061 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CRES 0.83 221.7 Lg 19:54:13.879 -1.5 T__ ___ 169063 FDSN SL -- BUD iLoc BHN ??? _
ARSA 0.95 328.8 Lg 19:54:17.433 -0.2 T__ ___ 169064 FDSN OE -- BUD iLoc HHE ??? _
OBKA 1.17 273.8 Lg 19:54:25.601 0.2 T__ ___ 169065 FDSN OE -- BUD iLoc HHN ??? _
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/12 03:48:59.62 1.17 0.48 46.4404 16.1972 7.1 5.8 128 2.8 11.4 9 7 110 0.04 1.37 ke BUD 18000700 BUD 167
```

```
Magnitude Err Nsta Author OrigID
```

```
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOGS 0.04 78.1 Pg 03:49:00.548 -0.2 T__ 2112.2 ___ ML 1.7 169090 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.04 78.1 Lg 03:49:01.938 0.3 T__ ___ 169091 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
BEHE 0.40 85.5 Pg 03:49:07.890 0.0 T__ 153.3 ___ ML 1.6 169093 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.40 85.5 Lg 03:49:13.799 0.4 T__ ___ 169092 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A262A 0.48 28.1 Lg 03:49:15.224 -0.5 T__ ___ 169094 FDSN Z3 00 BUD iLoc HHN ??? _
PTJ 0.56 196.7 Lg 03:49:19.026 0.1 T__ ___ 169095 FDSN CR -- BUD iLoc BHN ??? _
CRES 0.80 220.2 Lg 03:49:26.624 -0.1 T__ ___ 169096 FDSN SL -- BUD iLoc BHN ??? _
ARSA 0.93 330.5 Lg 03:49:29.922 0.5 T__ ___ 169097 FDSN OE -- BUD iLoc HHN ??? _
KOVH 1.37 104.3 Lg 03:49:43.274 -0.6 T__ ___ 169098 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
2022/02/12	12:13:28.79	0.98	0.84	45.7022	22.0792	8.5	4.2	10	0.0f	10	6	133	0.34	1.46	sx	BUD	18000704	BUD				210

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	4 BUD	18000704

Sta	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	0.34	255.4	Pg	12:13:35.861	0.2					T__		70.1		___	ML	1.1	169170	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.34	255.4	Lg	12:13:40.252	-0.5					T__				---		169171	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
GZR	0.58	122.0	Pg	12:13:40.112	0.2					T__		101.3		___	ML	1.8	169169	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.58	122.0	Lg	12:13:48.161	-0.1					T__				---		169168	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SIRR	0.64	332.8	Lg	12:13:51.530	-0.4					T__				---		169172	FDSN	RO	--	BUD	iLoc	HNN	???	_	
DRGR	1.17	21.7	Pn	12:13:52.150	0.4					T__		56.1		---	ML	1.9	169165	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.17	21.7	Lg	12:14:08.870	0.5					T__				---		169166	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
LOT	1.21	101.5	Pg	12:13:51.985	0.0					T__		63.6		---	ML	2.0	169173	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.21	101.5	Lg	12:14:08.522	-1.0					T__				---		169174	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CJR	1.46	45.7	Sn	12:14:18.357	1.7					T__				---		169167	FDSN	RO	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/12	17:58:50.38	1.08	0.48	47.8069	16.2856	8.7	3.9	49	11.0f	8	6	120	0.11	1.26	ke	BUD	18000706	BUD				172

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	176.1	Pg	17:58:53.460	-0.1					T__		110.2		___	ML	0.6	169199	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	176.1	Lg	17:58:55.472	-0.3					T__				---		169200	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SOP	0.22	123.8	Lg	17:58:59.048	0.3					T__				---		169201	FDSN	HU	--	BUD	iLoc	HNN	???	_	
CONA	0.31	293.2	Pg	17:58:57.384	0.4					T__		148.6		---	ML	1.3	169203	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	293.2	Lg	17:59:00.878	-0.7					T__				---		169202	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A008A	0.70	323.2	Lg	17:59:13.390	-0.3					T__				---		169204	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ARSA	0.76	223.1	Lg	17:59:15.365	0.5					T__				---		169205	FDSN	OE	--	BUD	iLoc	HNN	???	_	
KRUC	1.26	3.3	Sn	17:59:30.146	-0.0					T__				---		169206	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/12	19:23:24.47	1.03	0.44	47.8248	16.2532	6.0	3.7	20	5.1	19.0	11	6	73	0.13	1.24	ke	BUD	18000708	BUD				143

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	5 BUD	18000708



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	166.9	Pg	19:23:27.503	0.1					T__		145.1		_d	ML	0.8	169233	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	166.9	Lg	19:23:29.524	-0.1					T__				---		169234	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
SOP	0.25	124.4	Pg	19:23:29.917	0.3					T__		103.1		---	ML	1.0	169236	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	124.4	Lg	19:23:33.365	0.1					T__				---		169235	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
CONA	0.28	291.6	Pg	19:23:30.832	0.5					T__		91.5		---	ML	1.0	169237	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	291.6	Lg	19:23:33.768	-0.6					T__				---		169238	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
ARSA	0.76	221.0	Pg	19:23:39.073	-0.1					T__		133.0		---	ML	2.0	169240	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.76	221.0	Lg	19:23:48.640	-0.1					T__				---		169239	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
MODS	0.88	51.0	Lg	19:23:54.695	-0.5					T__				---		169241	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KRUC	1.24	4.3	Pn	19:23:47.579	-0.3					T__		102.3		---	ML	2.2	169243	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.24	4.3	Sn	19:24:04.499	-0.5					T__				---		169242	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/13	17:18:11.22	0.77	0.88	46.0586	22.0933	5.1	4.3	173	0.0f		32	22	73	0.37	2.66	ke	BUD	18000716	BUD			100

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.1	17 BUD	18000716

Sta	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	0.37	304.9	Pg	17:18:19.354	0.3					T__		885.7		_c	ML	2.3	169506	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.37	304.9	Lg	17:18:24.412	-0.7					T__				---		169519	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																									
BZS	0.55	217.2	Pg	17:18:21.975	-0.2					T__		272.1		_d	ML	2.2	169511	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.55	217.2	Lg	17:18:29.905	-0.3					T__				---		169512	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
DEV	0.59	107.0	Pg	17:18:22.756	0.3					T__		390.6		---	ML	2.4	169507	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.59	107.0	Lg	17:18:30.777	-0.0					T__				---		169508	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																									
GZR	0.82	144.0	Pg	17:18:27.236	0.3					T__		609.0		---	ML	2.7	169513	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.82	144.0	Lg	17:18:37.873	-0.6					T__				---		169520	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1 Station ML: 2.7 magdef=1)																									
DRGR	0.85	30.0	Pg	17:18:28.191	-0.1					T__		400.0		_d	ML	2.6	169503	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.85	30.0	Lg	17:18:39.313	-1.7					T__				---		169504	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1)																									
BANR	0.95	225.1	Pn	17:18:30.843	0.1					T__		2580.3		---	ML	3.4	169517	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

BANR	0.95	225.1	Sn	17:18:44.819	-1.1	T__								169516	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.4 magdef=1)																							
(Station ML: 3.4 magdef=0)																							
AMBH	0.99	287.6	Pn	17:18:31.336	0.1	T__								169514	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
AMBH	0.99	287.6	Lg	17:18:45.412	-0.0	T__								169521	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU24A	1.07	323.2	Pn	17:18:33.228	1.0	T__	389.5						ML	2.7	169509	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	1.07	323.2	Lg	17:18:48.036	0.3	T__								169522	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																							
(Station ML: 2.7 magdef=1)																							
CJR	1.23	57.3	Pn	17:18:34.995	-0.0	T__	365.1						ML	2.7	169505	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	1.23	57.3	Lg	17:18:52.437	-0.3	T__								169523	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																							
(Station ML: 2.7 magdef=1)																							
HU06A	1.24	302.3	Sn	17:18:52.501	-0.2	T__								169529	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
LOT	1.32	116.9	Pn	17:18:36.138	-0.6	T__	374.9						ML	2.8	169530	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.32	116.9	Sn	17:18:53.568	-2.5	T__								169515	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																							
(Station ML: 2.8 magdef=0)																							
LTVH	1.33	354.4	Lg	17:18:56.014	0.1	T__								169531	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU21A	1.66	280.3	Sn	17:19:04.507	1.6	T__								169532	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ARCR	1.87	55.8	Pg	17:18:46.112	-1.2	T__	158.4						ML	2.7	169510	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																							
(Station ML: 2.7 magdef=1)																							
BMR	1.88	30.3	Lg	17:19:11.435	-1.5	T__								169524	FDSN	RO	--	BUD	iLoc	HHE	???	_	
TRPA	2.09	8.2	Pn	17:18:48.432	1.6	T__	83.4						ML	2.6	169533	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																							
(Station ML: 2.6 magdef=1)																							
ABAH	2.31	345.7	Pn	17:18:50.000	0.3	T__	83.0						ML	2.7	169518	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																							
(Station ML: 2.7 magdef=1)																							
HU02A	2.33	333.1	Pn	17:18:50.337	0.3	T__	72.9						ML	2.7	169525	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																							
(Station ML: 2.7 magdef=1)																							
ET1H	2.37	320.9	Pn	17:18:50.776	0.2	T__	86.4						ML	2.8	169526	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																							
(Station ML: 2.8 magdef=1)																							
PSZ	2.39	321.8	Pn	17:18:51.051	0.0	T__	80.0						ML	2.7	169528	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																							
(Station ML: 2.7 magdef=1)																							
MORH	2.40	275.0	Pn	17:18:51.601	0.8	T__	53.9						ML	2.6	169534	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																							
(Station ML: 2.6 magdef=1)																							
JOS	2.66	337.1	Pn	17:18:54.826	0.3	T__	71.1						ML	2.8	169527	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																							
(Station ML: 2.8 magdef=0)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/02/13	17:47:21.64	1.15	0.03	47.7841	16.2273	13.9	6.3	35	9.0f		4	3	173	0.10	0.29	ke	BUD	18000718	BUD			323		
Magnitude	Err	Nsta	Author	OrigID																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L

```

RONA 0.10 151.1 Pg 17:47:24.393 -0.0 T__ 82.5 ___ ML 0.5 169581 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 151.1 Lg 17:47:26.442 0.0 T__ ___ 169582 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
SOP 0.25 114.2 Pg 17:47:26.890 -0.0 T__ 55.0 ___ ML 0.7 169583 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.29 300.5 Lg 17:47:31.884 0.0 T__ ___ 169584 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/13 19:25:39.67 1.25 1.14 47.8193 16.2815 7.9 5.2 16 0.0f 7 5 122 0.12 1.25 ke BUD 18000720 BUD 194

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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
RONA 0.12 175.2 Pg 19:25:42.274 -0.1 T__ 63.0 ___ ML 0.4 169604 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 175.2 Lg 19:25:44.341 -0.1 T__ ___ 169605 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
SOP 0.23 126.0 Pg 19:25:44.716 0.1 T__ 93.8 ___ ML 0.9 169606 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 126.0 Lg 19:25:48.009 -0.1 T__ ___ 169609 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.30 291.3 Lg 19:25:50.048 -0.1 T__ ___ 169607 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.77 222.4 Lg 19:26:04.735 0.6 T__ ___ 169610 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.25 3.4 Sn 19:26:19.134 -2.2 T__ ___ 169608 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/13 23:10:23.86 2.28 0.54 47.8315 16.3211 24.1 5.8 63 11.0f 4 3 226 0.13 0.70 ke BUD 18000722 BUD 327

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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
RONA 0.13 187.2 Pg 23:10:27.603 0.2 T__ 76.7 ___ ML 0.6 169627 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.13 187.2 Lg 23:10:29.524 -0.4 T__ ___ 169626 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
CONA 0.32 287.6 Lg 23:10:35.451 0.0 T__ ___ 169628 FDSN OE -- BUD iLoc HHN ??? _
A008A 0.70 320.4 Lg 23:10:46.739 -0.3 T__ ___ 169629 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
2022/02/13 23:20:05.68 0.94 0.30 47.7997 16.2405 9.7 3.9 44 11.0f 8 5 137 0.11 1.27 ke BUD 18000724 BUD 178

```

Magnitude Err Nsta Author OrigID  
ML 1.0 0.8 3 BUD 18000724

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 159.4 Pg 23:20:08.890 0.1 T__ 71.7 ___ ML 0.5 169649 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 159.4 Lg 23:20:10.874 -0.2 T__ ___ 169650 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
SOP 0.24 118.4 Pg 23:20:11.240 0.2 T__ 102.7 ___ ML 1.0 169651 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 118.4 Lg 23:20:14.536 -0.2 T__ ___ 169655 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA 0.29 296.9 Lg 23:20:16.365 0.3 T__ ___ 169656 FDSN OE -- BUD iLoc HHN ??? _
A008A 0.69 325.5 Pg 23:20:19.142 0.1 T__ ___ ML 1.8 169654 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 325.5 Lg 23:20:28.133 -0.5 T__ ___ 169653 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KRUC 1.27 4.6 Sn 23:20:45.676 -0.0 T__ ___ 169652 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/13 23:48:24.65 1.07 0.02 47.7511 16.2580 12.3 5.6 23 11.0f 5 3 164 0.06 0.32 ke BUD 18000726 BUD 315

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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
RONA 0.06 153.3 Pg 23:48:27.192 -0.0 T__ 57.4 ___ ML 0.2 169676 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.06 153.3 Lg 23:48:29.076 0.0 T__ ___ 169677 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
SOP 0.21 108.4 Pg 23:48:29.451 -0.0 T__ 68.6 ___ ML 0.7 169678 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.21 108.4 Lg 23:48:32.826 0.0 T__ ___ 169679 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.32 303.7 Lg 23:48:36.137 0.0 T__ ___ 169680 FDSN OE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 01:21:24.13 0.92 0.54 47.8349 16.2808 5.7 3.4 36 2.6 29.1 12 7 78 0.14 1.23 ke BUD 18000728 BUD 125

```

Magnitude Err Nsta Author OrigID  
ML 1.1 0.4 5 BUD 18000728

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.14 175.6 Pg 01:21:27.066 -0.1 T__ 146.7 ___ ML 0.8 169733 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.14 175.6 Lg 01:21:29.080 -0.2 T__ ___ 169734 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
SOP 0.24 128.9 Pg 01:21:29.431 0.3 T__ 75.2 ___ ML 0.8 169736 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 128.9 Lg 01:21:32.840 0.3 T__ ___ 169735 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.30 288.5 Pg 01:21:30.619 0.4 T__ 104.5 ___ ML 1.1 169737 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 288.5 Lg 01:21:34.152 -0.3 T__ ___ 169738 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A008A 0.68 322.0 Pg 01:21:37.386 0.2 T__ 95.9 ___ ML 1.9 169740 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.68 322.0 Lg 01:21:46.188 -0.3 T__ ___ 169739 FDSN Z3 00 BUD iLoc HH2 ??? _

```

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ARSA 0.78 221.6 Lg 01:21:48.997 0.0 T__ --- 169741 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.86 50.7 Lg 01:21:53.561 -0.6 T__ --- 169744 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.23 3.5 Pn 01:21:47.097 -0.6 T__ 103.3 --- ML 2.2 169743 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.23 3.5 Sn 01:22:03.832 -1.0 T__ --- 169742 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 01:53:28.11 0.93 0.40 47.8323 16.2607 5.6 3.5 33 5.5 16.4 16 9 75 0.13 1.63 ke BUD 18000730 BUD 120

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 7 BUD 18000730

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.13 169.7 Pg 01:53:31.146 -0.1 T__ 292.0 _d ML 1.1 169785 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.13 169.7 Lg 01:53:33.223 -0.3 T__ --- 169786 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SOP 0.25 126.5 Pg 01:53:33.553 0.2 T__ 88.8 _c ML 0.9 169788 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.25 126.5 Lg 01:53:36.983 0.1 T__ --- 169787 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.29 289.8 Pg 01:53:33.729 -0.3 T__ 67.3 --- ML 0.9 169789 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 289.8 Lg 01:53:38.584 0.5 T__ --- 169790 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
A008A 0.67 323.0 Pg 01:53:41.425 0.4 T__ 88.2 --- ML 1.8 169791 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.67 323.0 Lg 01:53:50.444 0.2 T__ --- 169792 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ARSA 0.77 220.9 Pg 01:53:42.469 -0.5 T__ 67.9 --- ML 1.8 169794 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.77 220.9 Lg 01:53:53.047 0.4 T__ --- 169793 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 0.87 51.1 Lg 01:53:58.150 -0.4 T__ 169795 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.23 4.1 Pn 01:53:51.167 -0.2 T__ 86.1 --- ML 2.1 169797 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.23 4.1 Sn 01:54:07.985 -0.4 T__ --- 169796 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
VRAC 1.49 8.4 Pn 01:53:55.082 0.1 T__ 22.0 --- ML 1.7 169798 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.49 8.4 Sn 01:54:14.669 -0.1 T__ --- 169799 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CKRC 1.63 307.9 Sn 01:54:19.173 0.7 T__ --- 169800 FDSN CZ -- BUD iLoc HHN ??? _

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 05:01:18.80 1.74 0.76 47.8211 16.2821 22.6 5.6 59 11.0f 5 4 172 0.12 1.24 ke BUD 18000734 BUD 287

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Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.12	175.5	Pg	05:01:22.293	0.1					T__		56.1		___	ML	0.4	169893	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	175.5	Lg	05:01:24.307	-0.3					T__				___		169894	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=0)																									
CONA	0.30	290.9	Lg	05:01:29.743	0.0					T__				___		169896	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A008A	0.69	322.6	Lg	05:01:41.446	-0.3					T__				___		169895	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KRUC	1.24	3.4	Sn	05:01:59.267	1.0					T__				___		169897	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/02/14	10:41:03.22	0.35	0.40	47.8337	19.1152	6.5	2.5	177	0.0A	0.0	17	10	164	0.07	1.35	m	kx	BUD	18000740	BUD			360	
2022/02/14	10:41:01.63	0.85	1.07	47.8327	19.1394f				0.0f		17	10	165	0.08	1.36		kx	BUD_GT	18000741	BUD_GT			194	
(locality : Sejce-Vác Hungary)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD	18000741

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.08	278.8	Pg	10:41:04.232	0.4					T__		2816.6		___	ML	2.0	170035	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	10:41:05.038	-0.8					T__				___		170040	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU03A	0.32	76.9	Pg	10:41:09.553	1.0					T__		155.8		___	ML	1.4	170042	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	10:41:13.520	-0.3					T__				___		170041	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.50	84.3	Lg	10:41:19.297	-0.7					T__				___		170036	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.1	Pg	10:41:13.185	0.3					T__		70.1		___	ML	1.6	170037	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	10:41:20.293	-0.9					T__				___		170043	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU09A	0.55	249.5	Lg	10:41:20.788	-1.3					T__				___		170044	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.1	Pg	10:41:16.747	1.0					T__		18.0		___	ML	1.1	170046	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	10:41:25.508	-0.6					T__				___		170045	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU02A	0.98	72.2	Pg	10:41:22.474	0.7					T__		58.8		___	ML	1.8	170048	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	10:41:35.202	-2.0					T__				___		170047	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	1.11	53.7	Pn	10:41:24.090	0.7					T__		77.3		___	ML	2.0	170049	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Sn	10:41:39.628	-0.9					T__				___		170050	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
JOS	1.15	54.2	Pn	10:41:24.659	0.8					T__		52.6		___	ML	1.9	170038	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	10:41:40.857	-0.5					T__				___		170039	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MODS	1.36	294.1	Sn	10:41:44.990	-2.3					T__				___		170051	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
2022/02/14	12:48:19.35	0.95	0.58	47.8839	16.0807	6.1	3.8	31	0.0f		9	6	83	0.15	1.51	sx	BUD	18000742	BUD			152

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	3 BUD	18000742

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	286.9	Pg	12:48:22.875	0.2					T__		177.6		___	ML	1.0	170084	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	286.9	Lg	12:48:24.404	-0.6					T__				---		170087	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.23	141.6	Pg	12:48:24.596	0.3					T__		153.8		___	ML	1.1	170085	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	141.6	Lg	12:48:27.633	-0.1					T__				---		170088	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ARSA	0.74	211.0	Lg	12:48:42.490	-0.4					T__				---		170089	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.94	58.1	Lg	12:48:52.157	-0.8					T__				---		170090	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	9.9	Pg	12:48:43.034	0.7					T__		72.4		___	ML	2.0	170086	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	9.9	Sn	12:48:59.728	-0.1					T__				---		170091	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CKRC	1.51	309.1	Lg	12:49:08.767	0.5					T__				---		170092	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/14	16:16:11.46	0.99	0.55	47.8170	16.2889	5.9	4.1	37	12.0		8.0	12	7	76	0.12	1.25	ke	BUD	18000746	BUD			127

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.6	6 BUD	18000746

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	177.6	Pg	16:16:14.752	-0.1					T__		183.3		___	ML	0.9	170163	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	177.6	Lg	16:16:16.745	-0.6					T__				---		170164	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
SOP	0.23	126.2	Pg	16:16:17.097	0.5					T__		74.9		___	ML	0.8	170165	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
CONA	0.31	291.3	Pg	16:16:18.378	0.3					T__		70.4		___	ML	1.0	170166	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	291.3	Lg	16:16:22.407	-0.3					T__				---		170167	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A008A	0.70	322.5	Pg	16:16:25.123	0.2					T__		73.1		___	ML	1.8	170169	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.70	322.5	Lg	16:16:34.359	-0.2					T__				---		170168	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	0.77	222.8	Pg	16:16:26.390	-0.1					T__		82.9		___	ML	1.8	170171	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	222.8	Lg	16:16:36.225	-0.0					T__				---		170172	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

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MODS 0.87 49.6 Lg 16:16:41.286 -0.4 T__
KRUC 1.25 3.2 Pn 16:16:34.876 0.8 T__
KRUC 1.25 3.2 Sn 16:16:51.696 0.9 T__
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 17:06:29.72 0.96 0.51 47.8297 16.2905 5.9 3.5 32 3.5 26.5 12 7 78 0.13 1.24 ke BUD 18000748 BUD 128

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Magnitude Err Nsta Author OrigID
ML 0.9 0.1 5 BUD 18000748

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.13 178.3 Pg 17:06:32.541 -0.1 T__ 140.4 _d ML 0.8 170210 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.13 178.3 Lg 17:06:34.576 -0.2 T__ 170211 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
SOP 0.23 128.9 Pg 17:06:34.690 0.1 T__ 76.7 ___ ML 0.8 170220 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.23 128.9 Lg 17:06:38.223 0.3 T__ 170212 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.31 289.0 Pg 17:06:36.136 0.1 T__ 58.7 ___ ML 0.9 170213 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.31 289.0 Lg 17:06:40.361 0.1 T__ 170214 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
A008A 0.69 321.8 Pg 17:06:43.171 0.3 T__ 71.5 ___ ML 1.7 170215 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 321.8 Lg 17:06:51.973 -0.4 T__ 170216 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ARSA 0.78 222.2 Lg 17:06:54.762 0.2 T__ 170217 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.86 50.2 Lg 17:06:59.380 -0.3 T__ 170221 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.24 3.2 Pn 17:06:52.592 -0.6 T__ 60.6 ___ ML 2.0 170219 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.24 3.2 Sn 17:07:09.307 -1.1 T__ 170218 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 17:39:43.79 1.07 1.05 47.8154 16.2933 6.9 3.8 34 0.0f 8 5 123 0.12 1.25 ke BUD 18000750 BUD 194

```

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.2 3 BUD 18000750

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.12 179.0 Pg 17:39:46.353 -0.1 T__ 70.9 ___ ML 0.5 170249 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 179.0 Lg 17:39:48.357 -0.1 T__ 170250 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
SOP 0.22 126.4 Pg 17:39:48.729 0.2 T__ 79.8 ___ ML 0.8 170251 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.22 126.4 Lg 17:39:51.652 -0.3 T__ 170255 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1

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(Station ML: 0.8 magdef=1
CONA 0.31 291.4 Pg 17:39:50.113 -0.0 T__ 62.6 ___ ML 1.0 170252 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.31 291.4 Lg 17:39:54.535 0.0 T__ ___ 170256 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ARSA 0.77 223.0 Lg 17:40:08.832 0.5 T__ ___ 170253 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.25 3.1 Sn 17:40:23.254 -2.3 T__ ___ 170254 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 18:12:34.80 0.99 0.56 47.8224 16.2716 6.1 3.5 30 4.1 23.8 12 7 75 0.12 1.24 ke BUD 18000752 BUD 121

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```

Magnitude Err Nsta Author OrigID
ML 1.0 0.4 5 BUD 18000752

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 172.3 Pg 18:12:37.541 -0.1 T__ 137.6 _d ML 0.8 170286 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 172.3 Lg 18:12:39.576 -0.1 T__ ___ 170287 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
SOP 0.24 125.6 Pg 18:12:39.927 0.2 T__ 51.1 ___ ML 0.7 170289 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 125.6 Lg 18:12:43.357 0.2 T__ ___ 170288 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
CONA 0.30 291.1 Pg 18:12:41.353 0.5 T__ 81.6 ___ ML 1.0 170290 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 291.1 Lg 18:12:44.948 -0.1 T__ ___ 170291 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A008A 0.69 323.0 Pg 18:12:47.716 -0.2 T__ 66.7 ___ ML 1.7 170293 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 323.0 Lg 18:12:56.931 -0.4 T__ ___ 170292 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ARSA 0.76 221.8 Lg 18:12:59.431 0.2 T__ ___ 170294 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.87 50.3 Lg 18:13:05.320 0.0 T__ ___ 170295 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.24 3.7 Pn 18:12:57.572 -0.8 T__ 53.4 ___ ML 1.9 170297 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.24 3.7 Sn 18:13:14.369 -1.2 T__ ___ 170296 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 18:18:47.97 1.00 0.68 47.8235 16.2774 7.8 3.5 36 3.8 25.6 11 6 122 0.12 1.24 ke BUD 18000754 BUD 170

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Magnitude Err Nsta Author OrigID
ML 0.8 0.0 5 BUD 18000754

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 174.1 Pg 18:18:50.661 -0.1 T__ 108.6 ___ ML 0.7 170330 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 174.1 Lg 18:18:52.685 -0.2 T__ ___ 170331 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
SOP 0.24 126.4 Pg 18:18:53.078 0.2 T__ 67.5 ___ ML 0.8 170333 FDSN HU -- BUD iLoc HHZ HHZ _

```

SOP	0.24	126.4	Lg	18:18:56.363	0.1	T__								170332	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																						
(Station ML: 0.8 magdef=1)																						
CONA	0.30	290.7	Pg	18:18:54.380	0.3	T__	48.5			ML	0.8	170334	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	0.30	290.7	Lg	18:18:58.553	0.2	T__						170335	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1)																						
(Station ML: 0.8 magdef=1)																						
A008A	0.69	322.7	Pg	18:19:01.074	-0.1	T__	58.6			ML	1.7	170337	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A008A	0.69	322.7	Lg	18:19:10.061	-0.5	T__						170336	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
ARSA	0.77	222.0	Lg	18:19:12.871	0.4	T__						170338	FDSN	OE	--	BUD	iLoc	HHN	???	_		
KRUC	1.24	3.6	Pn	18:19:10.557	-1.0	T__	47.7			ML	1.9	170340	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
KRUC	1.24	3.6	Sn	18:19:27.417	-1.3	T__						170339	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=0)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/14	18:21:29.88	0.93	0.47	47.8395	16.2660	5.6	3.4	36	2.9	27.5	13	7	76	0.14	1.23	ke	BUD	18000756	BUD			124

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.6	6 BUD	18000756

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	171.7	Pg	18:21:32.913	-0.1					T__		185.2		_d	ML	1.0	170376	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	171.7	Lg	18:21:34.969	-0.3					T__						170377	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SOP	0.25	128.3	Pg	18:21:35.289	0.2					T__		61.7		---	ML	0.8	170378	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	128.3	Lg	18:21:38.791	0.1					T__						170379	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
CONA	0.29	288.2	Pg	18:21:35.402	-0.4					T__		69.8		---	ML	0.9	170385	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	288.2	Lg	18:21:40.030	0.2					T__						170386	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
A008A	0.67	322.4	Pg	18:21:43.336	0.6					T__		75.4		---	ML	1.8	170380	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.67	322.4	Lg	18:21:52.262	0.4					T__						170381	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	0.77	220.8	Pg	18:21:44.535	-0.4					T__		62.2		---	ML	1.7	170382	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	220.8	Lg	18:21:55.072	0.4					T__						170387	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MODS	0.86	51.4	Lg	18:21:59.515	-0.6					T__						170388	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.23	4.0	Pn	18:21:53.006	-0.3					T__		77.0		---	ML	2.1	170384	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	4.0	Sn	18:22:09.783	-0.7					T__						170383	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/14	20:03:52.06	1.12	0.28	47.7837	16.2354	13.4	6.4	35	11.0f	5	4	146	0.09	1.28	ke	BUD	18000758	BUD				210

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.09	153.9	Pg	20:03:55.099	0.1					T__		81.8		---	ML	0.5	170414	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	153.9	Lg	20:03:57.045	-0.1					T__				---		170415	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
SOP	0.24	114.6	Pg	20:03:57.392	0.0					T__		55.8		---	ML	0.7	170416	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
CONA	0.29	300.0	Lg	20:04:02.569	-0.1					T__				---		170417	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.28	4.7	Sn	20:04:32.134	-0.4					T__				---		170418	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/14	20:19:21.00	1.14	0.85	47.8151	16.2681	10.0	4.3	33	4.2	24.2	8	5	120	0.12	1.25	ke	BUD	18000760	BUD				191

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.2	4 BUD	18000760

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.12	170.6	Pg	20:19:23.646	-0.1					T__		133.4		---	ML	0.8	170462	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	170.6	Lg	20:19:25.650	-0.1					T__				---		170463	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
SOP	0.24	123.9	Pg	20:19:26.033	0.1					T__		57.4		---	ML	0.7	170464	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
CONA	0.30	292.6	Pg	20:19:27.231	0.1					T__		73.2		---	ML	1.0	170460	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	292.6	Lg	20:19:31.115	-0.2					T__				---		170461	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ARSA	0.76	222.1	Lg	20:19:45.557	0.3					T__				---		170465	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.25	3.8	Pn	20:19:43.904	-0.7					T__		108.8		---	ML	2.2	170467	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.25	3.8	Sn	20:20:00.433	-1.5					T__				---		170466	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/14	20:26:53.08	1.28	0.19	47.8489	16.2929	12.5	4.0	27	5.4	25.8	7	4	129	0.24	1.22	ke	BUD	18000762	BUD				218

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.3	3 BUD	18000762

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.24	132.7	Pg	20:26:58.243	0.1					T__		72.9		---	ML	0.8	170494	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	132.7	Lg	20:27:01.611	-0.1					T__				---		170493	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									

```

(Station ML: 0.8 magdef=1
CONA 0.30 285.5 Pg 20:26:59.442 0.1 T__ 77.0 --- ML 1.0 170495 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 285.5 Lg 20:27:03.367 -0.2 T__ --- 170496 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ARSA 0.79 221.3 Lg 20:27:18.429 -0.1 T__ --- 170497 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.22 3.2 Pn 20:27:15.950 -0.1 T__ 71.3 --- ML 2.0 170499 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.22 3.2 Sn 20:27:32.768 -0.1 T__ --- 170498 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 20:28:09.95 3.82 1.91 47.7396 16.0524 45.6 5.4 38 4.6 25.9 6 4 222 0.17 1.34 ke BUD 18000764 BUD 316

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.17 103.5 Pg 20:28:14.030 0.4 T__ 106.5 --- ML 0.8 170520 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.17 103.5 Lg 20:28:15.663 -0.6 T__ --- 170521 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.23 325.8 Lg 20:28:17.330 -0.8 T__ --- 170522 FDSN OE -- BUD iLoc HHZ ??? _
A008A 0.68 337.0 Lg 20:28:33.034 0.6 T__ --- 170523 FDSN Z3 00 BUD iLoc HH2 ??? _
KRUC 1.34 9.7 Pn 20:28:34.006 -0.8 T__ 78.4 --- ML 2.1 170525 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.34 9.7 Sn 20:28:50.752 -2.2 T__ --- 170524 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 21:08:21.74 1.43 0.80 47.7475 16.3045 9.9 5.1 3 11.0 10.3 7 5 107 0.05 1.32 ke BUD 18000766 BUD 183

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.05 186.6 Pg 21:08:24.119 -0.1 T__ 54.9 --- ML 0.2 170545 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.05 186.6 Lg 21:08:25.942 -0.1 T__ --- 170550 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
SOP 0.18 110.5 Pg 21:08:25.768 -0.2 T__ 72.7 --- ML 0.7 170551 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.18 110.5 Lg 21:08:29.504 0.5 T__ --- 170546 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.35 301.4 Lg 21:08:34.194 0.1 T__ --- 170547 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.73 227.1 Lg 21:08:45.312 0.1 T__ --- 170548 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.32 2.6 Sn 21:09:04.211 1.2 T__ --- 170549 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/14 21:13:48.49 1.11 0.43 47.7955 16.2347 17.5 4.1 39 11.0f 6 4 141 0.10 1.27 ke BUD 18000768 BUD 208

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Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.10	156.5	Pg	21:13:51.769	0.2					T__		58.7		_d	ML	0.4	170570	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	156.5	Lg	21:13:53.385	-0.5					T__				---		170571	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
SOP	0.25	117.1	Lg	21:13:57.571	-0.0					T__				---		170572	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.28	298.0	Pg	21:13:54.427	-0.2					T__		49.6		---	ML	0.8	170574	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	298.0	Lg	21:13:59.378	0.5					T__				---		170573	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KRUC	1.27	4.8	Sn	21:14:28.631	-0.0					T__				---		170575	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/15	00:43:36.35	1.50	0.34	47.8144	16.2521	13.6	3.9	26	7.1	27.0	9	5	128	0.12	1.25	ke	BUD	18000772	BUD			198

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.1	4 BUD	18000772

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	165.4	Pg	00:43:39.370	0.1					T__		104.4		_d	ML	0.6	170671	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	165.4	Lg	00:43:41.246	-0.2					T__				---		170670	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SOP	0.24	122.3	Pg	00:43:41.732	0.2					T__		57.3		---	ML	0.7	170672	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	122.3	Lg	00:43:44.824	-0.3					T__				---		170673	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
CONA	0.29	293.6	Pg	00:43:42.323	-0.0					T__		53.9		---	ML	0.8	170674	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	293.6	Lg	00:43:46.735	0.2					T__				---		170675	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
MODS	0.89	50.5	Pg	00:43:54.114	0.0					T__				---		170678	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KRUC	1.25	4.3	Pn	00:43:59.381	-0.3					T__		63.4		---	ML	2.0	170677	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.25	4.3	Sn	00:44:16.196	-0.5					T__				---		170676	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/15	02:06:46.62	0.98	0.88	47.8296	16.2886	6.6	3.4	42	0.0f		10	6	125	0.13	1.24	ke	BUD	18000774	BUD			174

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.5	4 BUD	18000774

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	177.7	Pg	02:06:49.408	-0.1					T__		58.5		_d	ML	0.4	170707	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	177.7	Lg	02:06:51.457	-0.3					T__				---		170708	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									

SOP	0.23	128.7	Pg	02:06:51.818	0.2	T__	43.6	---	ML	0.6	170709	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	128.7	Lg	02:06:55.216	0.1	T__		---			170710	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 0.6 magdef=1)																			
(Station ML: 0.6 magdef=1)																			
CONA	0.30	289.1	Pg	02:06:53.131	0.3	T__	79.5	---	ML	1.0	170711	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	289.1	Lg	02:06:56.853	-0.2	T__		---			170712	FDSN	OE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
A008A	0.69	321.9	Lg	02:07:08.862	-0.4	T__		---			170713	FDSN	Z3	00	BUD	iLoc	HH2	???	_
ARSA	0.78	222.1	Lg	02:07:12.173	0.7	T__		---			170714	FDSN	OE	--	BUD	iLoc	HNN	???	_
KRUC	1.24	3.3	Pn	02:07:09.411	-1.2	T__	73.0	---	ML	2.1	170715	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.24	3.3	Sn	02:07:26.259	-1.8	T__		---			170716	FDSN	CZ	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/15	02:48:10.30	0.82	0.67	47.8400	16.2556	4.7	3.0	37	3.2	15.4	25	16	68	0.14	1.63	ke	BUD	18000778	BUD			108

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	9 BUD	18000778

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	168.9	Pg	02:48:13.422	-0.0					T__		368.7		_d	ML	1.3	170809	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	168.9	Lg	02:48:15.439	-0.3					T__				---		170810	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
SOP	0.26	127.4	Pg	02:48:15.795	0.2					T__		338.9		_d	ML	1.5	170812	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	127.4	Lg	02:48:19.243	-0.0					T__				---		170811	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CONA	0.28	288.6	Pg	02:48:15.978	-0.1					T__		194.4		---	ML	1.4	170813	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	288.6	Lg	02:48:20.231	0.2					T__				---		170814	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A008A	0.67	322.8	Pg	02:48:23.597	0.5					T__		231.5		---	ML	2.2	170815	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.67	322.8	Lg	02:48:32.725	0.5					T__				---		170816	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
ARSA	0.77	220.3	Pg	02:48:24.750	-0.5					T__		177.2		---	ML	2.2	170818	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.77	220.3	Lg	02:48:34.609	-0.3					T__				---		170817	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
EGYH	0.84	119.8	Pg	02:48:27.750	0.7					T__		153.1		---	ML	2.2	170819	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
MODS	0.87	51.7	Pg	02:48:27.274	-0.4					T__				---		170820	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.87	51.7	Lg	02:48:39.859	-0.8					T__				---		170828	FDSN	SK	--	BUD	iLoc	HNN	???	_	
A261A	1.08	145.3	Lg	02:48:45.927	-0.1					T__				---		170829	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
MPLH	1.10	127.1	Pg	02:48:32.945	1.0					T__		65.3		---	ML	1.9	170821	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.10	127.1	Sn	02:48:46.189	-1.3					T__				---		170822	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

HU08A	1.20	109.3	Sn	02:48:49.335	-0.8	T__										170823	FDSN	ZJ	00	BUD	iLoc	HNN	???	_			
KRUC	1.23	4.3	Pn	02:48:33.457	-0.3	T__										85.7	ML	2.1	170825	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	4.3	Sn	02:48:50.213	-0.6	T__													170824	FDSN	CZ	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.1 magdef=1																											
(Station ML: 2.1 magdef=1																											
JAVC	1.39	42.3	Pn	02:48:36.231	0.0	T__										146.9	ML	2.4	170832	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.39	42.3	Sn	02:48:56.719	0.9	T__													170831	FDSN	CZ	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.4 magdef=1																											
(Station ML: 2.4 magdef=0																											
KOGS	1.39	180.2	Sn	02:48:53.632	-0.8	T__													170830	FDSN	SL	--	BUD	iLoc	BHN	???	_
VRAC	1.49	8.6	Sn	02:48:56.432	-0.8	T__													170826	FDSN	CZ	--	BUD	iLoc	HHE	???	_
TREC	1.54	341.0	Sn	02:48:59.291	1.0	T__													170833	FDSN	CZ	--	BUD	iLoc	HNN	???	_
CKRC	1.63	307.8	Sn	02:49:01.262	0.3	T__													170827	FDSN	CZ	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/15	02:57:31.03	0.97	0.59	47.7926	16.2693	7.6	3.8	31	11.0f		9	5	115	0.09	1.27	ke	BUD	18000780	BUD			182

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.4	4 BUD	18000780

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L			
RONA	0.09	168.9	Pg	02:57:33.750	-0.3					T__		56.0			ML	0.3	170871	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.09	168.9	Lg	02:57:35.817	-0.3					T__						170872	FDSN	OE	--	BUD	iLoc	HNN	???	_			
(Reading ML: 0.3 magdef=1																											
(Station ML: 0.3 magdef=1																											
SOP	0.22	119.2	Pg	02:57:36.182	0.2					T__		51.5			ML	0.6	170874	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
SOP	0.22	119.2	Lg	02:57:39.548	0.1					T__						170873	FDSN	HU	--	BUD	iLoc	HNN	???	_			
(Reading ML: 0.6 magdef=1																											
(Station ML: 0.6 magdef=1																											
CONA	0.31	296.5	Pg	02:57:37.792	0.2					T__		57.6			ML	0.9	170875	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	0.31	296.5	Lg	02:57:41.432	-0.6					T__						170876	FDSN	OE	--	BUD	iLoc	HNN	???	_			
(Reading ML: 0.9 magdef=1																											
(Station ML: 0.9 magdef=1																											
ARSA	0.74	223.3	Lg	02:57:55.957	1.0					T__						170877	FDSN	OE	--	BUD	iLoc	HNN	???	_			
KRUC	1.27	3.7	Pn	02:57:53.963	-0.2					T__		82.7			ML	2.1	170878	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
KRUC	1.27	3.7	Sn	02:58:10.628	-0.6					T__						170879	FDSN	CZ	--	BUD	iLoc	HNN	???	_			
(Reading ML: 2.1 magdef=1																											
(Station ML: 2.1 magdef=1																											

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/15	04:35:38.08	0.91	0.66	47.8379	16.2929	4.9	3.8	53	0.0f		11	7	80	0.14	1.23	ke	BUD	18000782	BUD			128

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.8	4 BUD	18000782

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L			
RONA	0.14	179.1	Pg	04:35:41.076	-0.1					T__		134.1			_d ML	0.8	170909	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.14	179.1	Lg	04:35:43.125	-0.3					T__						170910	FDSN	OE	--	BUD	iLoc	HNN	???	_			
(Reading ML: 0.8 magdef=1																											
(Station ML: 0.8 magdef=1																											

SOP	0.24	130.7	Pg	04:35:43.472	0.4	T__	68.4	_c_ ML	0.8	170911	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	130.7	Lg	04:35:46.783	0.1	T__		---		170915	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																		
(Station ML: 0.8 magdef=1)																		
CONA	0.30	287.5	Lg	04:35:48.368	-0.2	T__		---		170916	FDSN	OE	--	BUD	iLoc	HHN	???	_
A008A	0.68	321.3	Pg	04:35:51.667	0.5	T__	85.5	--- ML	1.8	170912	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	321.3	Lg	04:36:00.375	-0.2	T__		---		170917	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 1.8 magdef=1)																		
(Station ML: 1.8 magdef=1)																		
ARSA	0.79	221.9	Lg	04:36:03.558	0.4	T__		---		170918	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.85	50.5	Lg	04:36:08.022	-0.6	T__		---		170919	FDSN	SK	--	BUD	iLoc	HHE	???	_
KRUC	1.23	3.1	Pn	04:36:01.106	-0.8	T__	71.2	--- ML	2.0	170914	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	3.1	Sn	04:36:17.972	-1.3	T__		---		170913	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																		
(Station ML: 2.0 magdef=1)																		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/15	07:12:42.35	1.24	0.77	48.0147	16.1107	7.6	5.6	19	0.0f		5	3	148	0.19	1.06	sx	BUD	18000784	BUD			275

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.19	242.7	Pg	07:12:46.756	0.4					T__		140.1		---	ML	1.0	170941	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.19	242.7	Lg	07:12:48.329	-0.8					T__				---		170942	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.34	158.3	Pg	07:12:49.573	0.2					T__		65.9		---	ML	1.1	170943	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.34	158.3	Lg	07:12:53.780	-0.3					T__				---		170944	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KRUC	1.06	10.1	Lg	07:13:18.084	-0.5					T__				---		170945	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/02/15	07:21:51.76	1.04	0.43	47.7903	16.2322	13.4	4.1	36	11.0f		6	4	144	0.10	1.28	ke	BUD	18000786	BUD					210

Magnitude Err Nsta Author OrigID  
ML 1.0 0.1 3 BUD 18000786

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.10	154.5	Pg	07:21:54.856	0.0					T__		109.9		---	ML	0.6	170967	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	154.5	Lg	07:21:56.940	-0.1					T__				---		170968	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SOP	0.24	115.8	Pg	07:21:57.161	0.0					T__		96.1		---	ML	1.0	170970	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CONA	0.29	299.1	Pg	07:21:57.948	0.0					T__		89.5		---	ML	1.0	170966	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	299.1	Lg	07:22:02.187	0.0					T__				---		170965	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									



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KRUC 1.28 4.8 Sn 07:22:31.301 -0.7 T__ --- 170969 FDSN CZ -- BUD iLoc HHE ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/15 07:31:04.54 1.21 0.44 47.8034 16.2385 12.6 6.4 36 9.0f 4 3 182 0.11 0.28 ke BUD 18000788 BUD 319

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 159.4 Pg 07:31:07.717 0.2 T__ 72.0 --- ML 0.5 170989 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 159.4 Lg 07:31:09.350 -0.3 T__ --- 170990 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
SOP 0.25 119.0 Pg 07:31:09.940 0.1 T__ 76.7 --- ML 0.9 170991 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.28 296.4 Lg 07:31:14.526 -0.2 T__ --- 170992 FDSN OE -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/15 08:27:30.02 1.09 0.35 47.7799 16.2177 13.9 5.6 28 11.0f 6 4 155 0.10 1.29 ke BUD 18000790 BUD 218

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.10 146.5 Pg 08:27:33.161 0.1 T__ 149.4 --- ML 0.7 171011 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 146.5 Lg 08:27:35.002 -0.2 T__ --- 171012 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.25 112.7 Pg 08:27:35.645 0.2 T__ 81.2 --- ML 0.9 171013 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.25 112.7 Lg 08:27:38.963 -0.3 T__ --- 171014 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CONA 0.28 301.9 Lg 08:27:40.179 -0.2 T__ --- 171015 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.29 5.2 Sn 08:28:10.127 -0.4 T__ --- 171016 FDSN CZ -- BUD iLoc HHE ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/15 09:06:11.46 1.27 1.19 48.5259 20.7718 6.9 5.1 40 0.0f 13 8 145 0.16 1.29 sx BUD 18000792 BUD 221

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 18000792

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.16 259.1 Pg 09:06:15.329 0.5 T__ 271.1 --- ML 1.2 171077 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.16 259.1 Lg 09:06:17.341 -0.2 T__ --- 171078 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.20 257.4 Pg 09:06:15.814 0.2 T__ 1154.8 --- ML 1.9 171079 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.20 257.4 Lg 09:06:18.393 -0.4 T__ --- 171083 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

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ABAH	0.39	126.2	Lg	09:06:25.532	-0.7	T__									171084	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.44	202.3	Pg	09:06:21.274	0.5	T__	57.8								1.3	171080	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	202.3	Lg	09:06:27.347	-0.5	T__										171088	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
PSZ	0.84	224.3	Pg	09:06:30.567	1.3	T__	58.3								1.7	171081	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	224.3	Lg	09:06:40.664	-1.4	T__										171085	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
ET1H	0.88	223.3	Pn	09:06:30.859	0.9	T__	44.9								1.6	171082	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.88	223.3	Lg	09:06:41.835	-1.1	T__										171089	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
NIE	0.95	341.0	Lg	09:06:42.018	-0.7	T__										171086	FDSN	PL	--	BUD	iLoc	BHE	???	_
VYHS	1.29	269.3	Sn	09:06:52.548	-2.6	T__										171087	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	
2022/02/15	09:43:47.52	0.57	0.21	48.0539	20.6664	6.6	3.7	154	0.0A	0.0	10	7	194	0.12	1.30	m	kx BUD	18000794	BUD			360	
2022/02/15	09:43:45.88	0.93	1.09	48.0471	20.6805f				0.0f		10	7	196	0.13	1.31		kx BUD_GT	18000795	BUD_GT			264	
(locality : Miskolc-Mexikóvölgy Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	18000795

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	09:43:49.481	0.4					T__		620.4			ML	1.4	171119	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	09:43:51.018	-0.9					T__						171123	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.45	56.1	Pg	09:43:56.146	1.0					T__		78.2			ML	1.4	171126	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	09:44:02.072	-0.9					T__						171122	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.46	343.5	Pg	09:43:56.235	1.1					T__		158.1			ML	1.8	171120	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	343.5	Lg	09:44:01.613	-0.6					T__						171124	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.46	348.2	Lg	09:44:01.475	-0.8					T__						171125	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
PSZ	0.54	256.6	Lg	09:44:04.476	-1.8					T__						171127	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.57	253.1	Lg	09:44:05.522	-1.2					T__						171121	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	1.31	290.6	Sn	09:44:28.948	-0.9					T__						171128	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
2022/02/15	09:47:51.38	0.85	1.32	48.4078	19.5390	4.5	3.2	8	0.0f		21	13	95	0.48	1.51		sx BUD	18000796	BUD			151

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	7 BUD	18000796

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

VYHS	0.48	280.7	Pg	09:48:01.832	0.7	T__					33.7	---	ML	1.2	171173	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	280.7	Lg	09:48:07.612	-0.7	T__						---			171174	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																							
(Station ML: 1.2 magdef=0)																							
HU03A	0.51	175.4	Lg	09:48:10.180	0.4	T__						---			171175	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.54	154.0	Pg	09:48:03.351	0.2	T__					69.5	---	ML	1.6	171177	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	154.0	Lg	09:48:11.107	-0.6	T__						---			171176	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
ET1H	0.57	157.1	Pg	09:48:04.110	0.5	T__					55.8	---	ML	1.6	171169	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.57	157.1	Lg	09:48:12.085	-0.2	T__						---			171178	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
KECS	0.63	82.8	Pg	09:48:04.970	0.9	T__					115.9	---	ML	1.9	171171	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.63	82.8	Lg	09:48:12.580	-1.1	T__						---			171179	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=0)																							
JOS	0.67	82.1	Pg	09:48:05.691	0.9	T__					81.3	---	ML	1.8	171172	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	82.1	Lg	09:48:14.033	-0.9	T__						---			171180	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
HU02A	0.72	113.1	Pg	09:48:06.754	0.4	T__					45.6	---	ML	1.6	171170	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	113.1	Lg	09:48:16.266	-1.3	T__						---			171181	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
A338A	0.89	244.1	Lg	09:48:21.794	-1.7	T__						---			171182	FDSN	Z3	00	BUD	iLoc	HH2	???	_
SRO	1.01	234.5	Sn	09:48:26.068	-1.9	T__						---			171183	FDSN	SK	--	BUD	iLoc	EHN	???	_
NIE	1.13	26.1	Pn	09:48:14.419	0.7	T__					53.0	---	ML	1.9	171185	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.13	26.1	Lg	09:48:28.467	-0.7	T__						---			171184	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
ABAH	1.14	95.0	Sn	09:48:29.061	-1.8	T__						---			171186	FDSN	HU	--	BUD	iLoc	HHN	???	_
JAVC	1.32	290.7	Sn	09:48:33.554	-3.1	T__						---			171187	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MODS	1.51	269.5	Pn	09:48:20.779	1.8	T__						---			171189	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.51	269.5	Sn	09:48:41.120	0.4	T__						---			171188	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  
 2022/02/15 10:03:14.89 1.73 1.40 47.4019 18.3702 15.8 4.8 128 0.0f 9 7 106 0.08 1.20 sx BUD 18000798 BUD 178

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.08	242.6	Pg	10:03:17.694	0.5					T__		941.2		---	ML	1.5	171221	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	242.6	Lg	10:03:18.700	-0.9					T__				---		171222	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU09A	0.24	2.0	Lg	10:03:24.725	0.0					T__				---		171223	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.30	275.7	Lg	10:03:26.626	-0.3					T__				---		171229	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.12	64.3	Sn	10:03:52.440	-1.7					T__				---		171224	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.14	15.8	Pn	10:03:37.808	0.6					T__		23.5		---	ML	1.5	171228	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.14	15.8	Lg	10:03:53.760	-0.8					T__				---		171227	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									

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(Station ML: 1.5 magdef=1
PSZ 1.15 62.8 Sn 10:03:54.205 -1.1 T__ --- 171225 FDSN GE -- BUD iLoc HHN ??? _
MORH 1.20 170.9 Sn 10:03:53.296 -2.4 T__ --- 171226 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
2022/02/15 11:01:04.10 0.87 0.77 48.1500 16.9908 6.2 3.2 128 0.0f 16 9 85 0.29 1.34 sx BUD 18000800 BUD 152

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 6 BUD 18000800

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.29 40.5 Pg 11:01:10.475 -0.1 T__ --- 171310 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.29 40.5 Lg 11:01:15.410 -0.4 T__ --- 171313 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.65 226.3 Pg 11:01:17.020 -0.1 T__ 63.0 --- ML 1.7 171314 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.65 226.3 Lg 11:01:25.054 -0.7 T__ --- 171311 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CONA 0.79 254.1 Pg 11:01:20.312 0.6 T__ 78.2 --- ML 1.8 171315 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.79 254.1 Lg 11:01:29.445 -0.7 T__ --- 171312 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 0.84 32.3 Pg 11:01:22.434 1.1 T__ 133.4 --- ML 2.1 171316 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.84 32.3 Lg 11:01:33.410 -1.0 T__ --- 171317 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
KRUC 0.99 336.8 Lg 11:01:37.142 -0.8 T__ --- 171318 FDSN CZ -- BUD iLoc HHN ??? _
MPLH 1.05 159.1 Lg 11:01:39.849 -0.3 T__ --- 171319 FDSN HU -- BUD iLoc HHN ??? _
VRAC 1.19 347.4 Pg 11:01:27.117 0.5 T__ 20.3 --- ML 1.5 171321 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.19 347.4 Lg 11:01:43.654 -0.4 T__ --- 171320 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 1.28 73.7 Pn 11:01:30.191 1.6 T__ 17.8 --- ML 1.5 171325 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.28 73.7 Sn 11:01:47.239 -0.4 T__ --- 171324 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
ARSA 1.34 228.3 Pn 11:01:29.752 0.1 T__ 69.3 --- ML 2.1 171322 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.34 228.3 Lg 11:01:47.312 0.6 T__ --- 171323 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/15 11:07:57.02 3.56 0.95 48.7981 21.6844 25.0 9.4 95 0.0f 8 5 265 0.58 1.10 sx BUD 18000802 BUD 321

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 3 BUD 18000802

```

```

Sta 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 0.58 210.6 Lg 11:08:17.917 -0.6 T__ --- 171360 FDSN HU -- BUD iLoc HHN ??? _
JOS 0.82 248.7 Pg 11:08:13.682 0.5 T__ 46.7 --- ML 1.6 171355 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.82 248.7 Lg 11:08:25.499 0.1 T__ --- 171361 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.86 248.8 Lg 11:08:26.597 -0.1 T__ --- 171362 FDSN SK -- BUD iLoc EHN ??? _
HU02A 1.03 229.2 Pn 11:08:16.243 -1.4 T__ 39.8 --- ML 1.7 171356 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.03 229.2 Lg 11:08:32.341 -1.0 T__ --- 171359 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 1.10 304.8 Pg 11:08:18.000 0.2 T__ 37.8 --- ML 1.7 171357 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.10 304.8 Lg 11:08:33.219 -0.8 T__ --- 171358 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/15 19:57:12.64 1.09 0.29 47.7782 16.2239 13.5 5.6 28 11.0f 6 4 153 0.09 1.29 ke BUD 18000806 BUD 216

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.09 148.1 Pg 19:57:15.704 0.1 T__ 72.7 _d ML 0.4 171469 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.09 148.1 Lg 19:57:17.570 -0.2 T__ --- 171471 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
SOP 0.24 112.7 Pg 19:57:18.128 0.1 T__ 61.3 --- ML 0.8 171470 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.24 112.7 Lg 19:57:21.567 -0.2 T__ --- 171472 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.29 301.8 Lg 19:57:22.987 -0.1 T__ --- 171473 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.29 5.0 Sn 19:57:52.813 -0.4 T__ --- 171474 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/15 23:07:34.63 0.88 0.62 47.3128 18.3319 4.1 3.3 76 3.5 13.0 16 13 67 0.07 1.24 ke BUD 18000810 BUD 104

```

Magnitude Err Nsta Author OrigID  
ML 1.3 0.1 3 BUD 18000810

```

Sta 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 0.07 316.0 Pg 23:07:36.681 0.2 T__ 677.6 _c ML 1.3 171567 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 316.0 Lg 23:07:37.961 -0.2 T__ --- 171568 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU08A 0.30 293.3 Lg 23:07:45.677 -0.2 T__ --- 171580 FDSN ZJ 00 BUD iLoc HHN ??? _
HU09A 0.33 6.0 Pg 23:07:41.924 0.6 T__ 118.8 --- ML 1.3 171581 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.33 6.0 Lg 23:07:47.083 0.2 T__ --- 171571 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A271A 0.38 114.6 Lg 23:07:48.593 -0.0 T__ --- 171573 FDSN Z3 00 BUD iLoc HHN ??? _
A267A 0.38 164.3 Pg 23:07:42.585 0.3 T__ 160.8 --- ML 1.6 171582 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.38 164.3 Lg 23:07:48.365 -0.2 T__ --- 171572 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

MPLH	0.56	255.5	Lg	23:07:53.501	-0.6	T__	---	171574	FDSN	HU	--	BUD	iLoc	HHN	???	_
EGYH	0.69	279.1	Lg	23:07:58.324	0.0	T__	---	171575	FDSN	HU	--	BUD	iLoc	HHN	???	_
A338A	0.70	1.1	Lg	23:07:59.158	-0.8	T__	---	171576	FDSN	Z3	00	BUD	iLoc	HH2	???	_
HU10A	0.71	40.9	Lg	23:07:58.949	-1.1	T__	---	171577	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU03A	1.04	55.0	Sn	23:08:10.067	-0.4	T__	---	171578	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.12	168.9	Sn	23:08:10.863	-1.2	T__	---	171579	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.22	59.6	Sn	23:08:15.069	-0.3	T__	---	171569	FDSN	GE	--	BUD	iLoc	HHN	???	_
KOVH	1.24	187.5	Sn	23:08:14.676	-0.3	T__	---	171570	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
2022/02/16	08:30:03.72	3.36	0.58	45.5045	17.3214	27.0	10.9	2	0.0f		6	5	241	0.80	1.47	sx	BUD	18000812	BUD			286

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.80	42.7	Pg	08:30:20.213	0.1					T__		63.4		---	ML	1.7	171649	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.80	42.7	Lg	08:30:31.051	-0.5					T__				---		171650	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
PTJ	1.03	293.5	Lg	08:30:38.473	-0.4					T__				---		171653	FDSN	CR	--	BUD	iLoc	BHE	???	_	
BEHE	1.04	338.7	Lg	08:30:39.261	0.4					T__				---		171651	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.17	52.0	Lg	08:30:42.710	0.3					T__				---		171652	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A262A	1.47	338.2	Sn	08:30:49.420	-0.7					T__				---		171654	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		
2022/02/16	10:06:50.78	1.04	1.44	46.1382	18.2996	11.1	3.7	158	0.0f		5	3	178	0.15	0.39	sx	BUD	18000814	BUD					284

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	250.3	Pg	10:06:54.886	0.5					T__		331.4		---	ML	1.2	171671	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	250.3	Lg	10:06:56.456	-0.9					T__				---		171673	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MORH	0.25	72.1	Pg	10:06:57.066	0.7					T__		276.6		---	ML	1.4	171672	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	72.1	Lg	10:06:59.297	-1.6					T__				---		171675	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A266A	0.39	356.4	Lg	10:07:05.004	-0.5					T__				---		171674	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		
2022/02/16	10:44:44.35	3.26	0.75	48.5055	20.7407	19.4	6.7	54	0.0f		8	6	290	0.13	1.27	sx	BUD	18000816	BUD					312

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.13	265.9	Pg	10:44:47.083	-0.2					T__		130.2		---	ML	0.8	171697	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.13	265.9	Lg	10:44:50.141	0.5					T__				---		171696	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									

```

(Station ML: 0.8 magdef=1
KECS 0.17 262.6 Lg 10:44:51.292 0.4 T__
HU02A 0.41 200.7 Pg 10:44:53.367 0.3 T__ 44.6 --- ML 1.1 171700 FDSN SK -- BUD iLoc EHN ??? _
HU02A 0.41 200.7 Lg 10:44:59.566 -0.3 T__ --- 171699 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.82 224.2 Lg 10:45:13.699 -0.2 T__ --- 171701 FDSN GE -- BUD iLoc HHE ??? _
ET1H 0.86 223.2 Lg 10:45:14.459 -0.4 T__ --- 171702 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.27 270.2 Sn 10:45:26.088 -1.4 T__ --- 171703 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
2022/02/16	11:49:17.55	1.18	0.72	47.8476	20.1812	8.7	3.4	153	0.0f	12	8	159	0.21	0.84	sx	BUD	18000818	BUD				221

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	18000818

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.21	290.2	Pg	11:49:22.938	0.4					T__		716.8		---	ML	1.7	171743	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.21	290.2	Lg	11:49:25.728	-0.8					T__				---		171747	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	0.21	278.7	Pg	11:49:23.051	0.6					T__		541.4		---	ML	1.6	171744	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.21	278.7	Lg	11:49:25.902	-0.3					T__				---		171748	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.36	39.9	Pg	11:49:26.033	0.6					T__		94.8		---	ML	1.3	171745	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	39.9	Lg	11:49:31.281	-0.3					T__				---		171749	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU03A	0.40	278.4	Lg	11:49:32.018	-0.4					T__				---		171750	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU01A	0.63	217.2	Lg	11:49:40.284	-0.7					T__				---		171751	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.67	17.7	Lg	11:49:41.507	0.3					T__				---		171752	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.69	20.2	Pg	11:49:29.943	-1.5					T__		46.0		---	ML	1.5	171746	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	20.2	Lg	11:49:42.174	0.2					T__				---		171753	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.84	57.3	Lg	11:49:47.720	-0.2					T__				---		171754	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
2022/02/16	12:25:19.68	1.18	0.84	47.8829	16.5325	8.7	5.1	124	0.0f	6	4	175	0.24	1.18	sx	BUD	18000822	BUD				230

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.24	221.1	Pg	12:25:25.082	0.3					T__		85.1		---	ML	0.9	171808	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	221.1	Lg	12:25:27.727	-0.6					T__				---		171810	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
CONA	0.45	276.0	Pg	12:25:29.421	0.6					T__		65.9		---	ML	1.4	171809	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.45	276.0	Lg	12:25:34.462	-0.5					T__				---		171811	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 MDSS 0.70 45.2 Lg 12:25:45.031 -0.1 T\_\_ --- 171812 FDSN SK -- BUD iLoc HHN ??? \_  
 KRUC 1.18 355.6 Lg 12:25:58.851 -1.0 T\_\_ --- 171813 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/16 13:58:54.51 1.08 0.83 46.1277 21.6422 11.1 3.8 90 0.0f 8 4 182 0.14 1.08 sx BUD 18000824 BUD 232

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.4 4 BUD 18000824

Sta 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 5.0 Pg 13:58:58.145 0.2 T\_\_ 193.0 --- ML 1.0 171856 FDSN RO -- BUD iLoc HHZ HHZ \_  
 SIRR 0.14 5.0 Lg 13:59:00.588 -0.2 T\_\_ --- 171857 FDSN RO -- BUD iLoc HHE ??? \_

(Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1  
 BZS 0.51 182.0 Pg 13:59:04.694 0.0 T\_\_ 31.7 --- ML 1.2 171858 FDSN RO -- BUD iLoc HHZ HHZ \_  
 BZS 0.51 182.0 Lg 13:59:11.654 -0.4 T\_\_ --- 171859 FDSN RO -- BUD iLoc HHN ??? \_

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 DRGR 0.99 47.7 Pg 13:59:14.218 -0.1 T\_\_ 47.8 --- ML 1.7 171862 FDSN RO -- BUD iLoc HHZ HHZ \_  
 DRGR 0.99 47.7 Lg 13:59:27.350 -1.7 T\_\_ --- 171860 FDSN RO -- BUD iLoc HHE ??? \_

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 GZR 1.08 132.4 Pg 13:59:15.434 0.3 T\_\_ 45.1 --- ML 1.8 171863 FDSN RO -- BUD iLoc HHZ HHZ \_  
 GZR 1.08 132.4 Lg 13:59:30.755 0.6 T\_\_ --- 171861 FDSN RO -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/16 16:16:02.54 0.88 1.26 48.7491 18.7930 5.5 3.6 52 0.0f 19 11 139 0.26 1.32 sx BUD 18000826 BUD 182

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 8 BUD 18000826

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 VYHS 0.26 173.6 Pg 16:16:08.811 0.9 T\_\_ 48.0 --- ML 0.7 171912 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 0.26 173.6 Lg 16:16:12.447 0.5 T\_\_ --- 171913 FDSN SK -- BUD iLoc HHN ??? \_

(Reading ML: 0.7 magdef=1  
 (Station ML: 0.7 magdef=0  
 JAVC 0.75 278.9 Pg 16:16:19.120 1.2 T\_\_ 113.6 --- ML 2.0 171915 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 JAVC 0.75 278.9 Lg 16:16:27.632 -1.9 T\_\_ --- 171914 FDSN CZ -- BUD iLoc HHN ??? \_

(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1  
 A338A 0.79 202.0 Lg 16:16:30.115 -1.1 T\_\_ --- 171916 FDSN Z3 00 BUD iLoc HH2 ??? \_  
 HU10A 0.92 170.5 Lg 16:16:34.140 -1.5 T\_\_ --- 171917 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 SRD 0.99 199.1 Lg 16:16:36.473 -1.6 T\_\_ --- 171918 FDSN SK -- BUD iLoc EHN ??? \_  
 PSZ 1.11 138.1 Pn 16:16:25.200 0.6 T\_\_ 69.7 --- ML 2.0 171910 FDSN GE -- BUD iLoc HHZ HHZ \_  
 PSZ 1.11 138.1 Sn 16:16:40.076 -2.1 T\_\_ --- 171909 FDSN GE -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.0 magdef=1



```

(Station ML: 2.0 magdef=1
ET1H 1.13 140.0 Pn 16:16:25.854 1.1 T__ 43.6 --- ML 1.8 171911 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.13 140.0 Sn 16:16:40.564 -1.6 T__ --- 171919 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 1.15 102.7 Pn 16:16:24.962 -0.1 T__ 126.8 --- ML 2.2 171907 FDSN SK -- BUD iLoc EHN EHZ _
KECS 1.15 102.7 Lg 16:16:40.582 -1.2 T__ --- 171920 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 1.19 101.7 Pn 16:16:25.642 0.2 T__ 49.0 --- ML 1.8 171905 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.19 101.7 Lg 16:16:41.510 -1.2 T__ --- 171906 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 1.31 117.9 Pn 16:16:27.976 0.6 T__ 49.2 --- ML 1.9 171908 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.31 117.9 Sn 16:16:45.827 -1.1 T__ --- 171923 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORC 1.32 321.9 Pg 16:16:27.379 0.4 T__ 68.8 --- ML 2.1 171922 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.32 321.9 Lg 16:16:44.817 -0.4 T__ --- 171921 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/17 08:38:38.57 0.93 1.49 47.6540 18.4848 4.4 3.0 122 0.0f 13 9 131 0.07 1.08 sx BUD 18000830 BUD 157

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 4 BUD 18000830

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU09A 0.07 257.5 Pg 08:38:41.337 0.8 T__ 1145.5 --- ML 1.6 172073 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.07 257.5 Lg 08:38:41.767 -0.8 T__ --- 172077 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
SR0 0.20 324.1 Pg 08:38:44.068 1.1 T__ 2872.3 --- ML 2.3 172079 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 0.20 324.1 Lg 08:38:46.177 -0.7 T__ --- 172078 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CSKK 0.33 207.7 Pg 08:38:46.863 1.3 T__ 157.1 --- ML 1.4 172072 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.33 207.7 Lg 08:38:50.094 -1.5 T__ --- 172080 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.44 239.8 Lg 08:38:54.016 -1.2 T__ --- 172081 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.80 233.3 Lg 08:39:05.984 -0.8 T__ --- 172082 FDSN HU -- BUD iLoc HHN ??? _
VYHS 0.87 15.5 Pg 08:38:57.634 1.3 T__ 20.3 --- ML 1.3 172074 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.87 15.5 Lg 08:39:08.597 -0.6 T__ --- 172083 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ET1H 0.96 75.9 Lg 08:39:11.628 -1.4 T__ --- 172075 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.99 73.9 Lg 08:39:12.280 -2.0 T__ --- 172076 FDSN GE -- BUD iLoc HHN ??? _
MODS 1.08 312.1 Lg 08:39:14.776 -2.3 T__ --- 172084 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
2022/02/17	08:40:03.58	0.42	0.78	47.8910	19.4081	6.7	3.2	4	0.0A	0.0	14	8	168	0.13	0.97	m	kx BUD	18000832	BUD			360
2022/02/17	08:40:01.81	0.88	0.78	47.8920	19.4049f				0.0f		14	8	167	0.13	0.97		kx BUD_GT	18000833	BUD_GT			235

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	6 BUD	18000833

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.13	84.8	Pg	08:40:05.598	0.6					T__		701.1		---	ML	1.5	172119	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	84.8	Lg	08:40:08.099	0.5					T__				---		172120	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU10A	0.26	259.9	Lg	08:40:12.581	0.2					T__				---		172121	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ET1H	0.31	92.2	Pg	08:40:07.960	-0.8					T__		75.6		---	ML	1.1	172123	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	92.2	Lg	08:40:12.928	-1.1					T__				---		172122	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
PSZ	0.33	85.2	Pg	08:40:10.253	1.0					T__		121.4		---	ML	1.3	172124	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	85.2	Lg	08:40:14.248	-0.8					T__				---		172125	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
VYHS	0.71	327.9	Pg	08:40:17.271	0.9					T__		22.3		---	ML	1.2	172127	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.71	327.9	Lg	08:40:26.304	-0.6					T__				---		172126	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
HU02A	0.79	72.6	Pg	08:40:18.313	0.1					T__		55.4		---	ML	1.7	172128	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	72.6	Lg	08:40:29.917	-0.6					T__				---		172129	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
KECS	0.93	50.3	Lg	08:40:34.295	-0.2					T__				---		172130	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.97	51.1	Pg	08:40:20.954	-0.1					T__		39.3		---	ML	1.6	172132	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.97	51.1	Lg	08:40:34.781	-1.5					T__				---		172131	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/17	08:51:49.01	0.95	1.08	48.4751	17.5066	7.4	3.7	157	0.0f		7	5	148	0.18	1.23		sx BUD	18000834	BUD			220

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.18	236.4	Pg	08:51:53.487	0.2					T__				---		172159	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.18	236.4	Lg	08:51:55.463	-1.4					T__				---		172161	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.40	15.7	Lg	08:52:03.382	-0.8					T__				---		172162	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.88	88.3	Pg	08:52:07.498	0.6					T__		20.3		---	ML	1.3	172164	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.88	88.3	Lg	08:52:18.912	-0.8					T__				---		172163	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
KRUC	0.94	309.0	Lg	08:52:21.000	0.1					T__				---		172160	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CONA	1.23	244.2	Lg	08:52:30.022	1.0					T__				---		172165	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/17	09:02:32.78	1.58	1.42	47.3172	17.6996	21.9	5.0	142	0.0f	7	6	196	0.18	1.28	sx	BUD	18000836	BUD				245

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.18	216.6	Pg	09:02:37.770	0.7					T__		502.6		___	ML	1.5	172187	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.18	216.6	Lg	09:02:39.142	-1.5					T__				---		172186	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU08A	0.19	53.1	Lg	09:02:40.255	-0.8					T__				---		172182	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.38	82.9	Lg	09:02:47.570	-0.3					T__				---		172188	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	1.04	58.9	Sn	09:03:07.770	-2.1					T__				---		172183	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	1.26	167.2	Sn	09:03:14.826	0.1					T__				---		172184	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.28	149.2	Sn	09:03:15.763	0.5					T__				---		172185	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
2022/02/17	09:29:00.26	1.29	1.16	47.3498	18.4136	9.8	3.4	147	0.0f	17	11	110	0.10	1.28	sx	BUD	18000838	BUD				128

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 6 BUD 18000838

Sta	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	277.4	Pg	09:29:03.256	0.3					T__		2989.3		___	ML	2.1	172220	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	277.4	Lg	09:29:05.067	-0.6					T__				---		172221	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU09A	0.29	355.8	Pg	09:29:07.415	0.9					T__		400.8		___	ML	1.7	172229	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.29	355.8	Lg	09:29:10.964	-1.0					T__				---		172228	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU08A	0.34	284.0	Pg	09:29:08.487	0.9					T__		137.2		___	ML	1.4	172222	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.34	284.0	Lg	09:29:12.475	-1.2					T__				---		172230	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
MPLH	0.62	253.5	Lg	09:29:21.648	-0.9					T__				---		172231	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.64	39.3	Pg	09:29:13.929	0.2					T__		143.5		___	ML	2.0	172233	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.64	39.3	Lg	09:29:23.002	-1.2					T__				---		172232	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	1.12	61.2	Pn	09:29:23.853	1.8					T__		53.6		___	ML	1.9	172224	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.12	61.2	Sn	09:29:38.853	-0.5					T__				---		172223	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORH	1.15	172.0	Sn	09:29:38.634	-1.0					T__				---		172226	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.15	59.9	Sn	09:29:39.365	-1.3					T__				---		172225	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.18	13.8	Pn	09:29:24.864	1.7					T__		22.4		___	ML	1.5	172234	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.18	13.8	Lg	09:29:40.317	-1.0					T__				---		172227	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									

```

(Station ML: 1.5 magdef=1
MODS 1.28 323.7 Sn 09:29:43.077 -0.7 T__ --- 172235 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.28 189.8 Sn 09:29:44.166 1.2 T__ --- 172236 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
2022/02/17 10:08:46.13 1.36 0.99 48.6084 19.6663 8.8 5.3 173 0.0f 9 6 202 0.56 0.75 sx BUD 18000840 BUD 291

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 4 BUD 18000840

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```

Sta 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 0.56 102.7 Pg 10:08:57.874 0.5 T__ 91.4 --- ML 1.8 172268 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 0.56 258.6 Lg 10:09:05.048 -0.9 T__ --- 172270 FDSN SK -- BUD iLoc HHN ??? _
JOS 0.59 100.7 Pg 10:08:58.453 0.5 T__ 86.0 --- ML 1.8 172272 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.59 100.7 Lg 10:09:06.283 -0.6 T__ --- 172271 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ 0.71 167.5 Lg 10:09:11.093 -0.9 T__ --- 172273 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.74 169.3 Pg 10:09:02.872 1.1 T__ 66.2 --- ML 1.7 172276 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.74 169.3 Lg 10:09:12.530 -0.2 T__ --- 172269 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.75 130.0 Pg 10:09:01.944 0.3 T__ 57.8 --- ML 1.7 172275 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.75 130.0 Lg 10:09:11.968 -1.4 T__ --- 172274 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/17 10:30:32.33 1.37 0.12 47.2215 18.2789 14.5 6.2 129 0.0A 0.0 5 3 269 0.14 0.51 m kx BUD 18000842 BUD 360
2022/02/17 10:30:30.93 1.01 1.12 47.2302 18.2835f 0.0f 5 3 270 0.13 0.51 kx BUD_GT 18000843 BUD_GT 316
(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.13 353.3 Pg 10:30:35.036 0.8 T__ 250.8 --- ML 1.1 172298 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.3 Lg 10:30:36.491 -0.9 T__ --- 172302 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU08A 0.32 309.6 Lg 10:30:42.097 -1.4 T__ --- 172299 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.51 263.5 Pg 10:30:42.170 0.6 T__ 63.4 --- ML 1.5 172301 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.51 263.5 Lg 10:30:48.426 -1.2 T__ --- 172300 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

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2022/02/17 11:32:42.59 4.48 0.48 46.8027 22.8408 38.1 10.0 32 0.0f 5 3 278 0.09 1.46 sx BUD 18000844 BUD 325

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.09	262.9	Pg	11:32:44.802	0.0					T__		241.2		_c	ML	0.9 172320	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.09	262.9	Lg	11:32:46.741	-0.0					T__						172322	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
GZR	1.41	181.8	Pg	11:33:09.325	-0.0					T__		37.6		___	ML	1.9 172321	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.41	181.8	Sn	11:33:29.228	0.1					T__						172323	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
BZS	1.46	216.1	Sn	11:33:30.445	0.7					T__						172324	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/17 11:56:01.84 1.19 0.90 48.4148 20.7773 6.6 4.4 59 0.0f 11 6 173 0.18 0.81 sx BUD 18000846 BUD 272

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.0 5 BUD 18000846

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.18	297.2	Pg	11:56:06.144	0.5					T__		413.2		___	ML	1.4 172355	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	297.2	Lg	11:56:08.157	-0.5					T__						172356	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
KECS	0.21	289.5	Pg	11:56:06.585	0.4					T__		665.5		___	ML	1.7 172351	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	289.5	Lg	11:56:09.109	-0.5					T__						172352	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
ABAH	0.33	110.9	Lg	11:56:13.764	-0.9					T__						172357	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.34	210.0	Pg	11:56:09.980	0.8					T__		64.1		___	ML	1.0 172354	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.34	210.0	Lg	11:56:14.443	-0.5					T__						172353	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=0)																								
PSZ	0.77	230.3	Pg	11:56:18.042	-0.2					T__		65.7		___	ML	1.7 172359	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.77	230.3	Lg	11:56:28.652	-1.3					T__						172358	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
ET1H	0.81	228.9	Pg	11:56:19.899	1.1					T__		56.8		___	ML	1.7 172360	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.81	228.9	Lg	11:56:29.778	-1.0					T__						172361	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/17 13:55:35.17 0.94 0.60 47.8851 16.0747 6.1 4.0 29 0.0f 10 6 82 0.15 1.50 sx BUD 18000850 BUD 152

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.7 4 BUD 18000850

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	286.9	Pg	13:55:38.268	-0.1					T__		309.0		_c_	ML	1.2	172435	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	286.9	Lg	13:55:40.463	-0.2					T__						172437	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
RONA	0.24	141.1	Pg	13:55:40.084	-0.1					T__		106.3		___	ML	1.0	172439	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	141.1	Lg	13:55:43.889	0.2					T__				___		172438	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
ARSA	0.74	210.7	Lg	13:55:58.926	0.2					T__				___		172440	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.94	58.3	Lg	13:56:08.254	-0.6					T__				___		172441	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	10.1	Pg	13:55:59.275	1.1					T__		58.1		___	ML	1.9	172443	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	10.1	Sn	13:56:15.665	0.1					T__				___		172442	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
CKRC	1.50	309.1	Pn	13:56:03.695	0.7					T__		119.9		___	ML	2.4	172436	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.50	309.1	Sn	13:56:23.743	0.3					T__				___		172444	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.4 magdef=1)																					
				(Station ML: 2.4 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/17	22:01:40.34	0.94	0.72	47.7696	16.2175	13.8	3.7	32	11.0f		8	4	160	0.09	1.30	ke	BUD	18000852	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.3	4 BUD	18000852

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.09	142.7	Pg	22:01:43.335	0.1					T__		88.3		_d_	ML	0.5	172506	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	142.7	Lg	22:01:45.384	0.1					T__				___		172507	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.5 magdef=1)																					
				(Station ML: 0.5 magdef=1)																					
SOP	0.25	110.5	Pg	22:01:45.859	0.1					T__		77.8		___	ML	0.9	172509	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	110.5	Lg	22:01:49.243	-0.2					T__				___		172508	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.9 magdef=1)																					
				(Station ML: 0.9 magdef=1)																					
CONA	0.29	303.7	Pg	22:01:47.121	0.6					T__		61.6		___	ML	0.9	172505	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	303.7	Lg	22:01:49.646	-1.2					T__				___		172504	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.9 magdef=1)																					
				(Station ML: 0.9 magdef=1)																					
KRUC	1.30	5.2	Pn	22:02:04.382	0.6					T__		73.2		___	ML	2.1	172511	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.30	5.2	Sn	22:02:20.432	-0.7					T__				___		172510	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/18	06:56:00.54	1.62	2.08	47.8437	16.2138	14.3	6.5	40	9.0f		5	4	153	0.15	1.23	ke	BUD	18000854	BUD			229

Magnitude	Err	Nsta	Author	OrigID

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

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RONA 0.15 158.8 Pg 06:56:04.426 0.2 T__ 115.8 --- ML 0.8 172533 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.15 158.8 Lg 06:56:06.365 -0.5 T__ --- 172534 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
CONA 0.25 289.8 Lg 06:56:09.372 -0.4 T__ --- 172535 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.76 218.5 Lg 06:56:24.973 0.2 T__ --- 172536 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.23 5.6 Sn 06:56:42.791 2.9 T__ --- 172537 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/18 08:30:25.71 0.81 0.32 48.0368 20.4023 12.6 4.6 139 0.0A 0.0 6 4 207 0.12 0.47 m kx BUD 18000856 BUD 360
2022/02/18 08:30:22.63 1.01 1.68 47.9590 20.3545f 0.0f 6 4 227 0.20 0.55 kx BUD_GT 18000857 BUD_GT 334
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.20 35.0 Pg 08:30:27.706 0.4 T__ 132.7 --- ML 1.0 172554 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.20 35.0 Lg 08:30:29.399 -1.7 T__ --- 172555 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.31 262.7 Lg 08:30:37.074 1.9 T__ --- 172559 FDSN GE -- BUD iLoc HHN ??? _
KECS 0.53 9.4 Lg 08:30:40.148 -1.5 T__ --- 172556 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.55 12.9 Pg 08:30:34.587 0.8 T__ 34.6 --- ML 1.3 172558 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 12.9 Lg 08:30:40.148 -2.1 T__ --- 172557 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/18 08:36:53.31 0.28 0.25 47.3174 18.3058 3.5 3.1 134 0.0A 0.0 17 10 106 0.06 1.26 m kx BUD 18000858 BUD 360
2022/02/18 08:36:51.85 0.87 1.14 47.3167 18.3081f 0.0f 17 10 106 0.06 1.27 kx BUD_GT 18000859 BUD_GT 125
(locality : Magyaralmás Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 7 BUD 18000859

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.06 325.1 Pg 08:36:54.240 0.6 T__ 2490.9 _c_ ML 1.9 172594 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 325.1 Lg 08:36:54.597 -1.0 T__ --- 172595 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU08A 0.29 293.8 Pg 08:36:58.877 0.8 T__ 168.9 --- ML 1.3 172610 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.29 293.8 Lg 08:37:02.096 -1.2 T__ --- 172596 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU09A 0.33 8.9 Pg 08:36:59.482 0.7 T__ 215.0 --- ML 1.5 172598 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.33 8.9 Lg 08:37:03.433 -1.4 T__ --- 172597 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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MPLH	0.54	254.6	Pg	08:37:03.780	0.7	T__				99.2	---	ML	1.8	172599	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.54	254.6	Lg	08:37:10.475	-1.1	T__					---			172600	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
MORH	1.13	168.1	Lg	08:37:29.191	-1.4	T__								172601	FDSN	HU	--	BUD	iLoc	HNN	???	_
ET1H	1.20	61.4	Pn	08:37:16.189	1.4	T__				57.4	---	ML	1.9	172603	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.20	61.4	Sn	08:37:32.067	-0.8	T__					---			172602	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
VYHS	1.23	16.6	Pn	08:37:16.423	1.0	T__				22.0	---	ML	1.5	172607	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.23	16.6	Sn	08:37:32.374	-1.8	T__					---			172606	FDSN	SK	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1)																						
(Station ML: 1.5 magdef=1)																						
PSZ	1.23	60.1	Pn	08:37:16.858	1.4	T__				59.0	---	ML	2.0	172604	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	60.1	Sn	08:37:33.028	-1.1	T__					---			172605	FDSN	GE	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=0)																						
KOVH	1.24	186.7	Sn	08:37:33.265	-0.2	T__								172608	FDSN	HU	--	BUD	iLoc	HHE	???	_
MODS	1.27	327.1	Sn	08:37:33.876	-1.1	T__								172609	FDSN	SK	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/18	09:01:34.95	1.13	1.18	48.5317	20.8454	5.8	4.9	82	0.0f		12	8	153	0.21	1.34	sx	BUD	18000860	BUD			229

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	3 BUD	18000860

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.21	260.1	Pg	09:01:40.097	0.8					T__		247.1		---	ML	1.3	172646	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.21	260.1	Lg	09:01:42.320	-0.4					T__				---		172647	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.24	258.7	Pg	09:01:40.939	0.9					T__		614.0		---	ML	1.8	172650	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.24	258.7	Lg	09:01:43.573	-0.4					T__				---		172649	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.35	131.8	Lg	09:01:48.731	0.2					T__				---		172651	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU02A	0.46	207.7	Pg	09:01:44.853	0.1					T__		50.3		---	ML	1.3	172653	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	207.7	Lg	09:01:51.951	-0.3					T__				---		172652	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.88	226.4	Lg	09:02:05.414	-1.4					T__				---		172654	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	0.92	225.3	Lg	09:02:06.585	-1.2					T__				---		172657	FDSN	HU	--	BUD	iLoc	HNN	???	_	
NIE	0.96	338.1	Pg	09:01:53.268	0.2					T__				---		172656	FDSN	PL	--	BUD	iLoc	BHZ	???	_	
NIE	0.96	338.1	Lg	09:02:05.195	-1.4					T__				---		172655	FDSN	PL	--	BUD	iLoc	BHN	???	_	
VYHS	1.34	269.1	Sn	09:02:17.634	-2.2					T__				---		172648	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/18	10:23:12.23	1.15	0.63	47.8955	16.5085	10.2	4.9	126	0.0f		6	5	169	0.24	1.17	sx	BUD	18000862	BUD			219

Magnitude	Err	Nsta	Author	OrigID



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.24	216.2	Pg	10:23:17.158	-0.2					T__		76.4		---	ML	0.9	172677	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	216.2	Lg	10:23:20.634	-0.3					T__				---		172679	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
CONA	0.44	274.5	Lg	10:23:27.104	0.2					T__				---		172680	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.70	46.8	Lg	10:23:38.121	0.3					T__				---		172678	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ARSA	0.93	226.3	Lg	10:23:42.780	0.9					T__				---		172681	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.17	356.3	Lg	10:23:51.669	-0.3					T__				---		172682	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/18	12:38:28.65	4.19	0.93	46.8460	22.7077	28.2	21.1	48	0.0f		6	4	305	0.05	1.45	sx	BUD	18000866	BUD			325

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.05	177.5	Pg	12:38:30.182	0.0					T__		165.8		---	ML	0.7	172755	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.05	177.5	Lg	12:38:31.609	-0.0					T__				---		172757	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SIRR	0.93	231.7	Lg	12:39:00.685	-0.1					T__				---		172758	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.44	212.0	Sn	12:39:16.543	1.1					T__				---		172760	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.45	178.1	Pn	12:38:55.609	-0.1					T__		38.9		---	ML	1.9	172756	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.45	178.1	Sn	12:39:15.073	-1.2					T__				---		172759	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/19	08:19:57.71	1.01	1.14	46.1772	18.2809	9.4	3.7	153	0.0f		6	4	153	0.15	1.12	sx	BUD	18000868	BUD			251

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	234.8	Pg	08:20:01.908	0.4					T__		567.0		---	ML	1.5	172781	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	234.8	Lg	08:20:03.682	-0.8					T__				---		172780	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	81.4	Pg	08:20:03.987	0.6					T__		213.1		---	ML	1.3	172779	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	81.4	Lg	08:20:06.609	-1.3					T__				---		172782	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.35	358.2	Lg	08:20:10.597	-0.5					T__				---		172783	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	1.12	333.1	Sn	08:20:35.292	-0.9					T__				---		172784	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
2022/02/20	06:05:12.18	1.11	0.84	45.9325	17.2086	6.9	4.3	13	4.5	14.3	21	13	88	0.23	1.76	ke	BUD	18000874	BUD			176

Magnitude Err Nsta Author OrigID

ML 2.1 0.2 11 BUD 18000874

Sta	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	13.9	Pg	06:05:16.445	-0.8					T__		782.9		_d_	ML	1.8 173011	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.23	13.9	Lg	06:05:20.112	-0.5					T__				---		173012	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
A273A	0.42	92.0	Pg	06:05:21.274	0.4					T__		214.6		---	ML	1.8 173017	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
BEHE	0.62	330.9	Pg	06:05:25.307	0.7					T__		321.5		---	ML	2.3 173014	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.62	330.9	Lg	06:05:34.774	2.0					T__				---		173018	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=0)																								
A265A	0.64	39.4	Pg	06:05:24.292	-0.7					T__		279.2		---	ML	2.3 173007	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=1)																								
KOVH	0.64	75.6	Pg	06:05:25.664	0.5					T__		73.0		---	ML	1.7 173006	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
A263A	0.71	5.9	Pg	06:05:26.176	-0.3					T__		366.8		---	ML	2.5 173013	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.71	5.9	Lg	06:05:36.357	0.3					T__				---		173024	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																								
(Station ML: 2.5 magdef=0)																								
KOGS	0.84	308.1	Pg	06:05:28.344	-0.3					T__		130.4		---	ML	2.1 173015	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.84	308.1	Lg	06:05:40.046	0.6					T__				---		173025	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
PTJ	0.87	268.8	Pg	06:05:29.140	-0.2					T__		93.4		---	ML	2.0 173019	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.87	268.8	Lg	06:05:40.198	-1.3					T__				---		173016	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
A266A	0.94	50.6	Pn	06:05:30.000	-0.8					T__		176.8		---	ML	2.3 173010	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.94	50.6	Lg	06:05:44.543	0.3					T__				---		173020	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=1)																								
MORH	1.04	73.7	Pn	06:05:31.426	-0.6					T__		69.6		---	ML	1.9 173008	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.04	73.7	Sn	06:05:47.689	0.6					T__				---		173009	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
BLY	1.18	180.9	Lg	06:05:49.830	-0.0					T__				---		173026	FDSN	MN	--	BUD	iLoc	HHN	???	_
MPLH	1.26	10.3	Pn	06:05:36.055	0.7					T__		80.7		---	ML	2.1 173022	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.26	10.3	Sn	06:05:53.616	1.0					T__				---		173021	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
ARSA	1.76	319.2	Lg	06:06:07.299	-0.8					T__				---		173023	FDSN	OE	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/21	10:04:52.00	1.32	0.87	48.5535	20.8121	7.1	5.6	39	0.0f		12	7	153	0.19	0.93	sx	BUD	18000880	BUD			239

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	18000880

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.19	252.4	Pg	10:04:56.387	0.4					T__		206.8		---	ML	1.1	173191	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	252.4	Lg	10:04:59.341	0.2					T__				---		173192	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
KECS	0.23	252.2	Pg	10:04:56.890	0.1					T__		588.2		---	ML	1.7	173193	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.23	252.2	Lg	10:05:00.439	-0.0					T__				---		173194	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
ABAH	0.38	132.0	Lg	10:05:05.963	-0.7					T__				---		173197	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	204.0	Pg	10:05:02.826	0.8					T__		118.5		---	ML	1.7	173195	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	204.0	Lg	10:05:09.182	-0.5					T__				---		173196	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
PSZ	0.88	224.3	Pn	10:05:10.718	-0.0					T__		99.7		---	ML	2.0	173199	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	224.3	Lg	10:05:22.206	-1.7					T__				---		173198	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
ET1H	0.92	223.3	Pn	10:05:11.916	0.8					T__		99.6		---	ML	2.0	173202	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	223.3	Lg	10:05:23.623	-1.2					T__				---		173201	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
NIE	0.93	338.9	Lg	10:05:22.134	-0.6					T__				---		173200	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
2022/02/21	10:15:41.63	1.01	0.57	46.0874	22.0287	6.9	4.9	47	0.0f		7	4	109	0.31	0.87	sx	BUD	18000882	BUD			197

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	3 BUD	18000882

Sta	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	305.2	Pg	10:15:48.768	0.3					T__		129.2		---	ML	1.3	173252	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.31	305.2	Lg	10:15:53.085	-0.7					T__				---		173254	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
BZS	0.55	211.6	Lg	10:16:00.128	-0.4					T__				---		173255	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	0.85	33.6	Pg	10:15:58.756	0.1					T__		133.7		---	ML	2.1	173251	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.85	33.6	Lg	10:16:10.682	-0.7					T__				---		173257	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
GZR	0.87	142.7	Pg	10:15:58.243	0.0					T__		73.2		---	ML	1.8	173253	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.87	142.7	Lg	10:16:10.756	0.3					T__				---		173256	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/21	12:32:42.17	3.60	0.98	46.1482	16.4477	27.5	8.0	102	0.0f		6	4	258	0.33	1.36	sx	BUD	18000884	BUD			308

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.33	335.6	Lg	12:32:53.360	-0.5					T__						173279	FDSN	SL	--	BUD	iLoc	BHN	???	_	
PTJ	0.41	234.3	Pg	12:32:50.539	-0.2					T__		142.8			ML	1.6	173281	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.41	234.3	Lg	12:32:56.181	-0.9					T__						173280	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CRES	0.76	245.3	Pg	12:32:58.207	1.3					T__		111.5			ML	2.0	173278	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.76	245.3	Lg	12:33:07.861	-0.1					T__						173282	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
OBKA	1.36	286.0	Lg	12:33:26.285	0.1					T__						173283	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/21	15:45:10.62	2.28	0.66	47.9048	16.4078	16.9	5.3	67	0.0f		6	4	200	0.22	1.16	ke	BUD	18000886	BUD			274

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.8	3 BUD	18000886

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.22	200.2	Pg	15:45:15.578	0.3					T__		86.9			ML	0.8	173322	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.22	200.2	Lg	15:45:17.871	-0.7					T__						173323	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.37	273.9	Pg	15:45:18.531	0.4					T__		120.8			ML	1.4	173325	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.37	273.9	Lg	15:45:22.770	-0.4					T__						173324	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A008A	0.69	312.8	Pg	15:45:23.638	-0.2					T__		165.9			ML	2.1	173326	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KRUC	1.16	359.6	Sn	15:45:50.911	0.7					T__						173327	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/21	20:23:31.51	1.35	0.57	47.8389	16.2510	10.7	5.6	31	9.0f		7	5	122	0.14	1.23	ke	BUD	18000888	BUD			197

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	167.6	Pg	20:23:34.993	-0.0					T__		94.9			_d ML	0.7	173436	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	167.6	Lg	20:23:37.125	-0.4					T__						173437	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.26	126.8	Lg	20:23:40.939	0.1					T__						173438	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.28	289.0	Lg	20:23:41.240	-0.3					T__						173439	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.77	220.2	Lg	20:23:56.606	0.4					T__						173442	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.23	4.4	Pn	20:23:54.996	0.8					T__		99.5			ML	2.2	173441	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	4.4	Sn	20:24:11.532	0.6					T__						173440	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/22	09:29:02.18	1.28	2.93	48.2235	22.1383	15.0	7.9	13	35.0f		17	11	153	0.28	1.70	ke	BUD	18000892	BUD			184

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BUD	18000892

Sta	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	0.28	109.0	Pn	09:29:09.182	-0.7					T__		149.6		_c_	ML	1.3	173671	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.28	109.0	Sn	09:29:14.121	-0.8					T__						173685	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
HU07A	0.29	211.8	Pn	09:29:08.643	-1.2					T__		906.4		---	ML	2.1	173673	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.29	211.8	Sn	09:29:13.783	-1.1					T__				---		173672	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
ABAH	0.60	277.2	Pn	09:29:12.237	-1.5					T__		109.1		_d_	ML	1.9	173674	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.60	277.2	Sn	09:29:19.408	-3.7					T__				---		173686	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU05A	0.95	225.4	Sn	09:29:33.324	2.3					T__				---		173677	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
BMR	1.07	120.6	Sn	09:29:39.015	4.3					T__				---		173681	FDSN	RO	--	BUD	iLoc	HHE	???	_	
HU02A	1.08	265.2	Pn	09:29:20.725	0.2					T__		66.3		---	ML	1.9	173678	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.08	265.2	Sn	09:29:35.689	0.9					T__				---		173687	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
JOS	1.10	284.9	Pn	09:29:21.146	0.5					T__		77.5		_c_	ML	2.0	173676	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.10	284.9	Sn	09:29:35.286	0.4					T__				---		173675	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
KECS	1.13	283.9	Pn	09:29:21.484	0.3					T__		107.1		---	ML	2.2	173680	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.13	283.9	Sn	09:29:35.753	0.1					T__				---		173679	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
DRGR	1.48	164.6	Sn	09:29:50.753	6.0					T__				---		173684	FDSN	RO	--	BUD	iLoc	HNN	???	_	
PSZ	1.54	259.4	Sn	09:29:51.047	5.4					T__				---		173682	FDSN	GE	--	BUD	iLoc	HNN	???	_	
NIE	1.70	315.2	Sn	09:29:53.663	3.4					T__				---		173683	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
2022/02/22	09:43:09.91	1.30	0.83	48.5376	20.8210	7.2	6.1	28	0.0f		13	9	130	0.19	1.32	sx	BUD	18000894	BUD			200

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BUD	18000894

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	257.5	Pg	09:43:14.522	0.6					T__		243.0		---	ML	1.2	173723	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	257.5	Lg	09:43:17.083	-0.0					T__				---		173724	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KECS	0.23	256.4	Pg	09:43:14.944	0.2					T__		886.1		---	ML	1.9	173726	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_

KECS	0.23	256.4	Lg	09:43:18.164	-0.3	T__	---	173725	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
ABAH	0.37	130.8	Lg	09:43:23.861	-0.2	T__	---	173727	FDSN	HU	--	BUD	iLoc	HHN	???	_			
HU02A	0.46	205.5	Lg	09:43:27.028	-0.1	T__	---	173728	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
PSZ	0.88	225.3	Pn	09:43:28.433	-0.1	T__	68.1	---	ML	1.8	173730	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	225.3	Lg	09:43:40.286	-1.3	T__	---	173729	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ET1H	0.92	224.3	Pn	09:43:29.631	0.7	T__	55.7	---	ML	1.8	173733	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	224.3	Lg	09:43:41.631	-0.8	T__	---	173732	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
NIE	0.95	338.9	Lg	09:43:40.315	-0.9	T__	---	173731	FDSN	PL	--	BUD	iLoc	BHN	???	_			
TRPA	1.22	108.9	Sn	09:43:50.532	-1.2	T__	---	173734	FDSN	HU	--	BUD	iLoc	HHN	???	_			
VYHS	1.32	268.8	Sn	09:43:53.230	-1.2	T__	---	173735	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  
 2022/02/22 10:00:01.45 0.85 1.10 48.4242 17.2739 4.2 3.0 108 0.0f 15 9 75 0.05 1.37 sx BUD 18000896 BUD 125

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.2 5 BUD 18000896

Sta	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	177.4	Pg	10:00:03.731	0.6					T__				_c_	173770	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	0.05	177.4	Lg	10:00:04.414	-0.4					T__				---	173774	FDSN	SK	--	BUD	iLoc	HHN	???	_			
JAVC	0.51	31.0	Pg	10:00:13.298	1.2					T__	180.9			---	ML	2.0	173771	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	0.51	31.0	Lg	10:00:18.975	-1.4					T__				---	173775	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
KRUC	0.86	318.0	Pg	10:00:19.536	1.5					T__	73.7			---	ML	1.8	173773	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	0.86	318.0	Lg	10:00:29.219	-1.6					T__				---	173776	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
RONA	0.98	222.5	Pg	10:00:20.926	0.1					T__	152.5			---	ML	2.2	173772	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.98	222.5	Lg	10:00:33.682	0.1					T__				---	173778	FDSN	OE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=0)																										
VRAC	0.99	333.3	Lg	10:00:33.390	-1.5					T__				---	173777	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
VYHS	1.04	85.6	Pg	10:00:22.707	0.2					T__	22.3			---	ML	1.4	173781	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.04	85.6	Lg	10:00:36.902	-0.6					T__				---	173782	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=0)																										
CONA	1.07	242.8	Pg	10:00:22.560	0.1					T__	130.2			---	ML	2.2	173780	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	1.07	242.8	Lg	10:00:35.951	-0.4					T__				---	173779	FDSN	OE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=1)																										
HU08A	1.09	156.0	Sn	10:00:38.146	-1.7					T__				---	173783	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
MORC	1.37	7.3	Lg	10:00:45.170	-0.7					T__				---	173784	FDSN	CZ	--	BUD	iLoc	HHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/22	10:06:48.77	1.02	0.82	48.4768	17.5245	6.5	3.5	134	0.0f	8	6	149	0.19	1.24	sx	BUD	18000898	BUD				223

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.19	238.0	Pg	10:06:53.759	0.5					T__						173810	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.19	238.0	Lg	10:06:55.351	-1.6					T__						173811	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.39	14.2	Pg	10:06:57.334	0.1					T__		117.9				173812	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.39	14.2	Lg	10:07:03.187	-0.6					T__						173814	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
VVHS	0.87	88.4	Lg	10:07:19.010	-0.1					T__						173815	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	0.95	308.5	Lg	10:07:20.918	-0.0					T__						173816	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	1.03	323.9	Lg	10:07:23.743	0.2					T__						173817	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CONA	1.24	244.4	Lg	10:07:29.124	-0.1					T__						173813	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/22	13:18:23.69	4.06	0.57	47.9364	16.0202	25.2	12.4	63	0.0f	4	3	193	0.11	1.15	sx	BUD	18000904	BUD					300

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.11	265.7	Pg	13:18:26.121	0.0					T__		308.3			_c_ ML	1.1	173945	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.11	265.7	Lg	13:18:27.804	-0.1					T__						173947	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
ARSA	0.76	206.3	Lg	13:18:48.075	-0.0					T__						173948	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.15	12.3	Sn	13:19:02.506	-0.6					T__						173946	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/22	19:37:57.04	1.09	0.85	48.2307	22.2204	10.2	4.8	173	11.7	18.6	14	9	191	0.24	1.48	ke	BUD	18000906	BUD				198

Magnitude Err Nsta Author OrigID  
ML 2.0 0.2 5 BUD 18000906

Sta	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	0.24	115.1	Pg	19:38:02.378	0.2					T__		100.2			_ ML	1.0	173996	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.24	115.1	Lg	19:38:06.073	-0.5					T__						173997	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
HU07A	0.32	219.5	Pg	19:38:04.013	0.2					T__		213.8			_ ML	1.5	173999	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.32	219.5	Lg	19:38:09.300	-0.1					T__						174000	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.66	276.1	Pg	19:38:09.804	-0.2					T__		126.8			_ ML	2.0	174001	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.66	276.1	Lg	19:38:20.121	0.2					T__						174007	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU05A	1.00	227.4	Lg	19:38:29.945	-1.0					T__						174008	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

BMR	1.02	122.6	Lg	19:38:29.826	-1.5	T__								174009	FDSN	RO	--	BUD	iLoc	HHN	???	_	
HU02A	1.14	265.2	Sn	19:38:33.857	-0.3	T__								174002	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	1.15	283.9	Pn	19:38:18.768	0.9	T__				88.9			ML	2.1	173998	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	283.9	Sn	19:38:34.573	0.4	T__								174003	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=0)																							
KECS	1.18	283.0	Pn	19:38:19.637	1.3	T__				83.6			ML	2.1	174005	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	1.18	283.0	Sn	19:38:35.414	0.5	T__								174004	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							
DRGR	1.48	166.8	Sn	19:38:41.880	-0.8	T__								174006	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/23	07:45:32.86	1.93	1.32	48.4561	21.6561	14.9	8.7	15	0.0f		8	5	205	0.32	0.83	mx	BUD	18000908	BUD			326

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	3 BUD	18000908

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.32	240.2	Pg	07:45:40.661	1.1					T__		164.2			ML	1.4	174040	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.32	240.2	Lg	07:45:44.752	-0.6					T__						174039	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
TRPA	0.67	118.6	Lg	07:45:56.058	-1.5					T__						174041	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.74	273.5	Pg	07:45:48.099	0.4					T__		96.0			ML	1.9	174038	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.74	273.5	Lg	07:45:58.207	-0.7					T__						174042	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	0.78	272.4	Lg	07:45:59.281	-0.8					T__						174043	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HU02A	0.83	246.6	Pg	07:45:49.256	-0.7					T__		73.1			ML	1.8	174037	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	246.6	Lg	07:46:00.934	-1.8					T__						174044	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/02/23	08:37:43.23	0.66	0.29	48.0824	20.6691	7.4	4.0	145	0.0A	0.0	7	6	188	0.10	0.57	m	ke	BUD	18000910	BUD			360
2022/02/23	08:37:41.24	1.00	1.26	48.0471	20.6805f				0.0f		7	6	196	0.13	0.57		kx	BUD_GT	18000911	BUD_GT			264
(locality : Miskolc-Mexikóvölgy Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	305.8	Pg	08:37:45.537	1.1					T__		497.7			ML	1.4	174065	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	08:37:46.446	-0.8					T__						174066	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
ABAH	0.45	56.1	Lg	08:37:57.114	-1.2					T__						174069	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KECS	0.46	343.5	Lg	08:37:56.322	-1.3					T__						174067	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.46	348.2	Lg	08:37:56.139	-1.5					T__						174068	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	



PSZ	0.54	256.6	Lg	08:38:00.656	-1.0	T__								174070	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.57	253.1	Lg	08:38:01.025	-1.1	T__								174071	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
2022/02/23	09:28:43.52	1.06	1.36	48.4493	17.5507	7.5	3.7	140	0.0f	7	5	159		0.20	1.24	sx	BUD	18000912	BUD			234

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.20	247.5	Pg	09:28:48.181	0.1					T__						174150	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	247.5	Lg	09:28:50.723	-1.1					T__						174151	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JAVC	0.42	10.9	Pg	09:28:53.243	0.8					T__		171.2			ML	1.7	174152	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.42	10.9	Lg	09:28:57.582	-1.8					T__						174153	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
VVHS	0.86	86.5	Lg	09:29:12.668	-0.6					T__						174154	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.98	309.2	Lg	09:29:16.363	-0.4					T__						174155	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.24	245.9	Lg	09:29:25.392	1.3					T__						174156	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/02/23	09:39:50.15	1.33	1.28	48.3500	21.1820	12.5	4.1	30	0.0f	7	4	215		0.07	0.49	sx	BUD	18000914	BUD					313

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 3 BUD 18000914

Sta	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	144.5	Pg	09:39:51.735	-0.3					T__		243.8			ML	0.9	174175	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.07	144.5	Lg	09:39:54.999	1.1					T__						174178	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.45	289.1	Pg	09:39:59.814	0.5					T__		78.2			ML	1.5	174176	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.45	289.1	Lg	09:40:04.396	-1.9					T__						174179	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.48	286.3	Lg	09:40:07.345	0.0					T__						174180	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.49	242.8	Pg	09:40:00.268	-0.4					T__		84.4			ML	1.6	174177	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	242.8	Lg	09:40:09.753	1.1					T__						174181	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/02/23	11:01:32.83	1.25	1.47	48.0993	18.9478	6.4	4.7	14	0.0f	12	9	127		0.40	1.15	sx	BUD	18000918	BUD					175

Magnitude Err Nsta Author OrigID  
ML 2.1 0.0 3 BUD 18000918

Sta	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	349.3	Lg	11:01:47.573	0.2					T__						174259	FDSN	SK	--	BUD	iLoc	HHN	???	_
SR0	0.51	236.4	Lg	11:01:51.863	-0.1					T__						174260	FDSN	SK	--	BUD	iLoc	EHN	???	_

ET1H	0.66	109.2	Lg	11:01:56.523	-0.2	T__									174261	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.66	105.5	Lg	11:01:56.477	-0.8	T__									174262	FDSN	GE	--	BUD	iLoc	HHN	???	_
HU02A	1.06	88.2	Pn	11:01:56.198	2.3	T__				98.8			ML	2.1	174258	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.06	88.2	Sn	11:02:09.442	-1.4	T__									174263	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							
KECS	1.10	68.9	Pn	11:01:56.776	2.4	T__				91.4			ML	2.1	174257	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.10	68.9	Lg	11:02:10.764	-0.8	T__									174264	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							
JOS	1.13	68.9	Pn	11:01:56.776	1.9	T__				74.7			ML	2.0	174256	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.13	68.9	Sn	11:02:12.252	-0.2	T__									174265	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
JAVC	1.14	312.3	Lg	11:02:12.098	-1.2	T__									174266	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MODS	1.15	284.4	Sn	11:02:12.586	-0.8	T__									174267	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
2022/02/23	13:14:27.38	4.17	1.20	46.9025	22.7423	30.4	24.5	102	0.0f		7	5	283	0.11	1.62	sx	BUD	18000922	BUD			309

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.11	190.9	Pg	13:14:30.000	-0.0					T__		176.8			ML	0.9	174357	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.11	190.9	Lg	13:14:32.396	0.1					T__						174358	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
SIRR	0.98	230.0	Lg	13:15:00.991	-0.2					T__						174359	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.50	211.7	Sn	13:15:16.345	0.7					T__						174362	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.51	179.1	Pn	13:14:55.909	0.7					T__		63.5			ML	2.1	174361	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.51	179.1	Sn	13:15:15.702	-0.7					T__						174360	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
LOT	1.62	153.5	Sn	13:15:17.529	-2.1					T__						174363	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/23	17:45:31.23	1.27	0.41	47.7876	16.2272	9.2	4.1	25	11.5	11.0	9	5	109	0.10	1.28	ke	BUD	18000924	BUD			174

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	4 BUD	18000924

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.10	152.0	Pg	17:45:34.421	0.1					T__		110.1			_d ML	0.6	174389	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	152.0	Lg	17:45:36.477	-0.1					T__						174390	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SOP	0.25	114.9	Pg	17:45:36.849	0.2					T__		102.3			ML	1.0	174388	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	114.9	Lg	17:45:40.247	-0.2					T__						174387	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									

CONA	0.28	299.9	Pg	17:45:37.500	0.1	T__				106.6	---	ML	1.1	174391	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	299.9	Lg	17:45:41.632	-0.0	T__					---			174392	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																						
(Station ML: 1.1 magdef=1)																						
ARSA	0.72	221.9	Lg	17:45:54.421	-0.0	T__					---			174393	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.28	5.0	Pn	17:45:53.595	-0.8	T__				135.2	---	ML	2.3	174395	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.28	5.0	Sn	17:46:11.115	-0.4	T__					---			174394	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/24	07:56:58.87	1.59	1.73	47.3783	18.2947	15.4	3.2	128	0.0f		9	7	103	0.03	1.19	sx	BUD	18000926	BUD			172

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.03	236.8	Pg	07:57:00.500	0.4					T__		979.4		---	ML	1.4	174421	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	236.8	Lg	07:57:01.293	-0.3					T__				---		174427	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU08A	0.26	282.0	Lg	07:57:09.183	-0.2					T__				---		174428	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.27	12.8	Pg	07:57:05.336	0.6					T__		215.6		---	ML	1.4	174424	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.27	12.8	Lg	07:57:08.558	-1.2					T__				---		174423	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MPLH	0.55	248.2	Lg	07:57:18.465	-0.5					T__				---		174425	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.17	17.9	Sn	07:57:37.868	-2.0					T__				---		174426	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ET1H	1.18	64.3	Sn	07:57:36.911	-2.5					T__				---		174429	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.19	168.2	Sn	07:57:37.006	-2.3					T__				---		174422	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		
2022/02/24	09:12:52.16	2.15	0.87	48.9291	21.1876	13.5	8.0	67	0.0f		12	9	180	0.61	1.62	sx	BUD	18000928	BUD					235

Magnitude Err Nsta Author OrigID  
ML 2.0 0.1 3 BUD 18000928

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.61	225.0	Pg	09:13:03.987	-0.3					T__		119.4		---	ML	1.9	174455	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	225.0	Lg	09:13:13.110	-0.3					T__				---		174460	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.63	176.9	Lg	09:13:15.413	0.0					T__				---		174458	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.64	226.4	Pg	09:13:06.686	1.7					T__		174.2		---	ML	2.1	174457	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.64	226.4	Lg	09:13:14.364	-0.3					T__				---		174461	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
NIE	0.76	310.4	Lg	09:13:16.620	-0.8					T__				---		174462	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.92	208.9	Pg	09:13:10.371	-0.7					T__		99.6		---	ML	2.0	174456	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.92	208.9	Lg	09:13:23.842	-0.9					T__				---		174463	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									

(Station ML: 2.0 magdef=1

TRPA	1.20	131.2	Lg	09:13:33.821	0.5				T__						174464	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.33	220.9	Sn	09:13:36.027	-1.0				T__						174465	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.37	220.3	Sn	09:13:37.281	-0.2				T__						174466	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	1.62	255.3	Sn	09:13:45.055	0.8				T__						174459	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
2022/02/24	09:51:31.36	2.34	1.97	48.0514	21.3651	15.8	8.7	5	0.0f	7	6	193	0.26	1.54	sx	BUD	18000932	BUD				296

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.26	341.1	Pg	09:51:37.963	1.0					T__		1388.1		___	ML	2.2	174543	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.26	341.1	Lg	09:51:40.348	-1.5					T__				___		174544	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.2 magdef=1

(Station ML: 2.2 magdef=0

HU02A	0.57	277.5	Lg	09:51:51.322	-1.2					T__						174547	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
JOS	0.71	309.2	Lg	09:51:55.088	-1.2					T__						174548	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
KECS	0.73	306.7	Lg	09:51:56.130	-0.9					T__						174549	FDSN	SK	--	BUD	iLoc	EHE	???	_
TRPA	0.79	83.8	Lg	09:51:57.931	-2.3					T__						174545	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.54	333.1	Sn	09:52:19.593	-1.8					T__						174546	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	
2022/02/24	10:08:43.14	1.21	0.63	48.5414	20.7798	6.5	5.3	37	0.0f	18	10	128	0.17	1.29	sx	BUD	18000934	BUD					200

Magnitude Err Nsta Author OrigID  
ML 1.9 0.3 8 BUD 18000934

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	254.2	Pg	10:08:46.921	0.2					T__		389.9		___	ML	1.4	174585	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	254.2	Lg	10:08:50.103	0.6					T__				___		174596	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.4 magdef=1

(Station ML: 1.4 magdef=0

KECS	0.20	253.5	Pg	10:08:47.231	-0.2					T__		677.0		___	ML	1.7	174587	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	253.5	Lg	10:08:51.177	0.4					T__				___		174586	FDSN	SK	--	BUD	iLoc	EHN	???	_	

(Reading ML: 1.7 magdef=1

(Station ML: 1.7 magdef=1

ABAH	0.39	128.5	Lg	10:08:58.218	0.1					T__						174597	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.45	202.2	Pg	10:08:52.861	0.1					T__		121.9		___	ML	1.6	174588	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	202.2	Lg	10:09:00.278	0.1					T__				___		174589	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

(Reading ML: 1.6 magdef=1

(Station ML: 1.6 magdef=1

PSZ	0.86	223.8	Pg	10:09:01.208	-0.1					T__		142.7		___	ML	2.1	174590	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	223.8	Lg	10:09:13.233	-1.0					T__				___		174598	FDSN	GE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.1 magdef=1

(Station ML: 2.1 magdef=1

ET1H	0.90	222.9	Pn	10:09:02.324	0.4					T__		113.0		___	ML	2.1	174591	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	222.9	Lg	10:09:14.679	-0.5					T__				___		174600	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.1 magdef=1

(Station ML: 2.1 magdef=1

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NIE 0.93 340.4 Pn 10:09:03.233 0.6 T__ 103.9 --- ML 2.0 174593 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.93 340.4 Lg 10:09:13.481 -0.5 T__ --- 174599 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU03A 1.01 231.5 Pn 10:09:04.018 0.6 T__ 128.5 --- ML 2.2 174592 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.01 231.5 Lg 10:09:18.150 -0.9 T__ --- 174601 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
TRPA 1.24 108.7 Sn 10:09:24.692 -0.9 T__ --- 174602 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.29 268.6 Pn 10:09:07.861 0.3 T__ 36.1 --- ML 1.8 174595 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 268.6 Sn 10:09:25.836 -1.1 T__ --- 174594 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/24 11:09:03.77 0.89 1.19 48.4994 19.3555 5.8 3.1 9 0.0f 15 10 105 0.35 1.27 sx BUD 18000936 BUD 161

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Magnitude Err Nsta Author OrigID
ML 2.0 0.0 5 BUD 18000936

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Sta 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 0.35 269.3 Pg 11:09:11.590 0.6 T__ 56.5 --- ML 1.0 174650 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.35 269.3 Lg 11:09:16.198 -0.1 T__ --- 174649 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU03A 0.62 164.6 Lg 11:09:25.637 -0.4 T__ --- 174651 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.68 148.0 Lg 11:09:27.873 -1.0 T__ --- 174652 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.71 150.7 Lg 11:09:28.729 -0.6 T__ --- 174653 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.75 90.8 Pg 11:09:19.545 0.8 T__ 138.0 --- ML 2.1 174646 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.75 90.8 Lg 11:09:29.214 -0.8 T__ --- 174654 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.79 89.8 Pg 11:09:19.917 0.5 T__ 103.8 --- ML 2.0 174645 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.79 89.8 Lg 11:09:30.495 -0.7 T__ --- 174655 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.87 115.4 Pg 11:09:22.148 0.5 T__ 94.5 --- ML 2.0 174647 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.87 115.4 Lg 11:09:33.553 -1.5 T__ --- 174656 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 1.11 33.7 Lg 11:09:40.368 -0.5 T__ --- 174657 FDSN PL -- BUD iLoc BHN ??? _
JAVC 1.17 288.5 Lg 11:09:43.180 -2.1 T__ --- 174658 FDSN CZ -- BUD iLoc HHN ??? _
ABAH 1.27 98.5 Pg 11:09:30.909 2.2 T__ 131.1 --- ML 2.3 174648 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.27 98.5 Sn 11:09:45.454 -1.1 T__ --- 174659 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/24 12:47:34.70 2.59 0.94 45.5364 16.0747 16.4 8.6 157 0.0f 12 8 235 0.30 1.92 ke BUD 18000938 BUD 244

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Magnitude Err Nsta Author OrigID  
ML 2.4 0.0 5 BUD 18000938

Sta	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	0.30	348.1	Pg	12:47:40.888	0.0					T__		2118.2		___	ML	2.5 174698	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.30	348.1	Lg	12:47:45.888	0.5					T__				---		174697	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=1)																								
PTJ	0.38	348.6	Pg	12:47:41.694	-1.0					T__		675.1		___	ML	2.2 174694	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.38	348.6	Lg	12:47:48.140	-0.6					T__				---		174695	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
CRES	0.52	304.0	Pg	12:47:44.793	-0.1					T__		132.1		___	ML	1.9 174696	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.52	304.0	Lg	12:47:52.520	0.0					T__				---		174699	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																								
KOGS	0.92	7.6	Pg	12:47:53.471	0.4					T__		344.9		___	ML	2.5 174693	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.92	7.6	Lg	12:48:06.487	1.2					T__				---		174700	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0)																								
BEHE	1.05	27.4	Lg	12:48:10.123	-0.2					T__				---		174701	FDSN	HU	--	BUD	iLoc	HHN	???	_
OBKA	1.44	313.0	Lg	12:48:23.064	1.8					T__				---		174702	FDSN	OE	--	BUD	iLoc	HHN	???	_
KOVH	1.52	68.0	Pn	12:48:02.371	-0.1					T__		122.0		___	ML	2.4 174703	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																								
MORH	1.92	68.4	Sn	12:48:33.623	1.0					T__				---		174704	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  
2022/02/24 13:02:34.94 1.00 0.26 47.8899 16.0725 6.9 4.0 26 0.0f 7 5 85 0.15 1.19 sx BUD 18000940 BUD 159

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CONA	0.15	285.2	Pg	13:02:38.181	0.1					T__		210.2		_c_	ML	1.0 174730	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	285.2	Lg	13:02:40.330	-0.1					T__				---		174731	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
RONA	0.24	141.5	Pg	13:02:40.144	0.1					T__		125.4		___	ML	1.1 174732	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	141.5	Lg	13:02:43.615	-0.0					T__				---		174735	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																								
ARSA	0.74	210.4	Lg	13:02:58.347	-0.2					T__				---		174733	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.94	58.6	Lg	13:03:08.391	-0.2					T__				---		174736	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.19	10.3	Sn	13:03:15.661	0.4					T__				---		174734	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/02/24 20:53:52.95 3.80 0.97 47.6176 16.2362 40.3 6.2 17 7.0f 6 4 247 0.09 1.45 ke BUD 18000942 BUD 294

Magnitude Err Nsta Author OrigID  
ML 1.1 0.6 3 BUD 18000942

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.09	26.3	Pg	20:53:55.299	-0.1					T__		136.2		_d_	ML	0.7	174799	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	26.3	Lg	20:53:57.345	0.1					T__				---		174800	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.23	73.1	Pg	20:53:57.871	0.1					T__		141.8		---	ML	1.1	174802	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	73.1	Lg	20:54:00.991	-0.2					T__				---		174801	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.40	321.0	Pg	20:54:01.198	0.1					T__		117.0		---	ML	1.5	174798	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KRUC	1.45	4.1	Sn	20:54:39.808	1.7					T__				---		174803	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/25	08:03:40.34	0.87	1.39	47.2815	17.6636	6.7	3.3	138	0.0f		17	12	68	0.14	1.46	sx	BUD	18000946	BUD			103

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	5 BUD	18000946

Sta	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	217.3	Pg	08:03:44.008	0.2					T__		462.0		---	ML	1.4	174893	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.14	217.3	Lg	08:03:45.909	-0.9					T__				---		174907	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU08A	0.23	49.6	Pg	08:03:46.590	1.0					T__		689.4		---	ML	1.8	174894	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.23	49.6	Lg	08:03:48.739	-1.3					T__				---		174908	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CSKK	0.41	78.4	Lg	08:03:55.155	-1.3					T__				---		174909	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SRO	0.69	39.4	Lg	08:04:04.167	-1.8					T__				---		174896	FDSN	SK	--	BUD	iLoc	EHN	???	_	
RONA	1.02	294.8	Lg	08:04:13.495	-0.6					T__				---		174897	FDSN	OE	--	BUD	iLoc	HHN	???	_	
HU10A	1.08	57.9	Pn	08:04:01.379	-0.3					T__		147.0		---	ML	2.3	174899	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	1.08	57.9	Sn	08:04:16.172	-2.2					T__				---		174898	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
MODS	1.12	346.7	Sn	08:04:17.177	-2.6					T__				---		174900	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.23	165.7	Pg	08:04:06.549	1.7					T__		133.6		---	ML	2.3	174895	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.23	165.7	Sn	08:04:20.681	-0.9					T__				---		174901	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
MORH	1.26	147.4	Sn	08:04:22.633	0.2					T__				---		174902	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	1.38	298.6	Lg	08:04:25.544	0.3					T__				---		174903	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VYHS	1.45	32.6	Pn	08:04:07.541	0.6					T__		55.5		---	ML	2.0	174906	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.45	32.6	Sn	08:04:28.698	0.8					T__				---		174905	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ARSA	1.46	269.6	Sn	08:04:28.170	1.3					T__				---		174904	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/25	09:37:17.61	3.27	0.33	48.4667	20.7049	20.5	7.4	73	0.0f		7	5	274	0.11	0.81	sx	BUD	18000948	BUD			298

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.11	284.9	Pg	09:37:20.103	-0.0					T__		197.5		---	ML	0.9	174935	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	284.9	Lg	09:37:22.417	0.2					T__				---		174937	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.15	276.5	Pg	09:37:20.537	-0.3					T__		496.5		---	ML	1.4	174936	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.15	276.5	Lg	09:37:23.595	0.3					T__				---		174938	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.37	199.3	Lg	09:37:31.998	0.4					T__				---		174939	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.77	225.0	Lg	09:37:45.431	-0.3					T__				---		174940	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.81	223.8	Lg	09:37:46.804	0.2					T__				---		174941	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
2022/02/25	10:30:12.93	1.06	0.98	48.4524	17.5639	7.5	3.7	140	0.0f		7	5	159	0.21	1.25	sx	BUD	18000950	BUD			236

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.21	247.7	Pg	10:30:17.965	0.3					T__				---		174960	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.21	247.7	Lg	10:30:20.300	-1.3					T__				---		174961	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.41	9.8	Pg	10:30:22.257	0.5					T__		166.2		---	ML	1.7	174965	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.41	9.8	Lg	10:30:27.381	-1.2					T__				---		174962	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
VYHS	0.85	86.7	Lg	10:30:41.982	-0.4					T__				---		174963	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.99	308.7	Lg	10:30:46.296	-0.0					T__				---		174966	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.25	245.9	Lg	10:30:54.259	0.5					T__				---		174964	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/25	11:01:28.88	1.07	0.74	46.1563	16.0180	8.9	5.2	105	9.0f		8	5	159	0.25	1.15	ke	BUD	18000952	BUD			205

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.6	3 BUD	18000952

Sta	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	0.25	188.0	Pg	11:01:34.958	0.5					T__		147.5		---	ML	1.2	174988	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.25	188.0	Lg	11:01:37.768	-0.9					T__				---		174987	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KOGS	0.33	28.8	Lg	11:01:39.669	-0.7					T__				---		174986	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CRES	0.51	230.0	Pg	11:01:38.925	-0.0					T__		133.1		---	ML	1.8	174989	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.51	230.0	Lg	11:01:46.570	0.0					T__				---		174990	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									



OBKA	1.08	289.7	Lg	11:02:03.048	-0.8	T__									174993	FDSN	OE	--	BUD	iLoc	HHN	???	_			
ARSA	1.15	342.9	Pn	11:01:51.157	0.5	T__	137.1								---	ML	2.3	174992	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.15	342.9	Lg	11:02:06.074	0.6	T__									---		174991	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/25	16:20:25.87	1.59	0.63	45.8957	17.0748	12.9	5.6	12	12.0f	10	7	192	0.61	1.14	ke	BUD	18000954	BUD				196

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.5	3 BUD	18000954

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BEHE	0.61	340.2	Pg	16:20:38.036	0.0					T__		254.3			ML	2.2	175039	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.61	340.2	Lg	16:20:47.136	0.7					T__						175043	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1

A265A	0.73	43.2	Pg	16:20:39.704	-0.6					T__		495.0			ML	2.6	175040	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.73	43.2	Lg	16:20:49.463	-0.6					T__						175044	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

(Reading ML: 2.6 magdef=1  
 (Station ML: 2.6 magdef=1

KOVH	0.74	74.6	Pg	16:20:40.607	0.1					T__		86.6			ML	1.8	175042	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.74	74.6	Lg	16:20:51.342	1.0					T__						175041	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

PTJ	0.77	271.2	Lg	16:20:51.554	-0.4					T__						175048	FDSN	CR	--	BUD	iLoc	BHE	???	_
KOGS	0.80	314.3	Lg	16:20:51.826	0.1					T__						175045	FDSN	SL	--	BUD	iLoc	BHN	???	_
CRES	1.13	267.0	Sn	16:21:02.110	-0.3					T__						175047	FDSN	SL	--	BUD	iLoc	BHN	???	_
MORH	1.14	73.1	Sn	16:21:02.527	0.6					T__						175046	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
2022/02/25	18:26:13.01	0.88	0.65	47.9382	16.4448	4.1	3.9	90	11.0f	12	6	111	0.26	1.13	ke	BUD	18000956	BUD				164

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.6	5 BUD	18000956

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.26	202.8	Pg	18:26:18.842	0.1					T__		83.5			_d ML	0.9	175099	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.26	202.8	Lg	18:26:22.270	-0.4					T__						175105	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 0.9 magdef=1  
 (Station ML: 0.9 magdef=0

SOP	0.27	163.3	Pg	18:26:19.411	0.6					T__		84.0			ML	1.0	175102	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	163.3	Lg	18:26:22.045	-0.7					T__						175101	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1

CONA	0.39	268.8	Pg	18:26:21.198	0.0					T__		130.5			ML	1.5	175098	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.39	268.8	Lg	18:26:26.422	-0.3					T__						175106	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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

A008A	0.68	309.4	Pg	18:26:26.673	0.4					T__		103.7			ML	1.9	175100	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
-------	------	-------	----	--------------	-----	--	--	--	--	-----	--	-------	--	--	----	-----	--------	------	----	----	-----	------	-----	-----	---

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A008A 0.68 309.4 Lg 18:26:35.730 0.1 T__ --- 175107 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 0.71 51.7 Pg 18:26:27.827 0.5 T__ --- 175108 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.71 51.7 Lg 18:26:36.851 -1.3 T__ --- 175109 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.13 358.3 Pn 18:26:34.772 0.7 T__ 109.7 --- ML 2.2 175103 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.13 358.3 Sn 18:26:49.752 0.1 T__ --- 175104 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/02/26 09:45:17.85 1.02 1.03 46.1501 18.2948 6.6 3.6 151 0.0f 7 4 170 0.15 1.15 sx BUD 18000958 BUD 258

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Magnitude Err Nsta Author OrigID
ML 1.5 0.5 3 BUD 18000958

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KOVH 0.15 245.6 Pg 09:45:21.921 0.4 T__ 667.5 --- ML 1.5 175137 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.15 245.6 Lg 09:45:23.781 -0.7 T__ --- 175139 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.25 74.9 Pg 09:45:23.966 0.5 T__ 159.2 --- ML 1.2 175136 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 74.9 Lg 09:45:26.900 -1.0 T__ --- 175140 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A266A 0.38 356.8 Pg 09:45:26.611 0.7 T__ 331.6 --- ML 1.9 175138 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.38 356.8 Lg 09:45:30.909 -1.2 T__ --- 175141 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 1.15 333.3 Sn 09:45:56.412 -0.6 T__ --- 175142 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
2022/02/26 22:49:27.11 0.73 0.78 46.2072 16.5432 5.2 3.1 142 7.3 0.8 55 34 66 0.31 2.25 ke BUD 18000962 BUD 130

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Magnitude Err Nsta Author OrigID
ML 2.8 0.2 29 BUD 18000962

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
BEHE 0.31 31.4 Pg 22:49:33.677 0.0 T__ 5711.0 _d ML 2.9 175377 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.31 31.4 Lg 22:49:38.904 0.8 T__ --- 175378 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
KOGS 0.32 320.0 Pg 22:49:33.450 -0.1 T__ 1712.9 --- ML 2.4 175380 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.32 320.0 Lg 22:49:38.140 0.2 T__ --- 175379 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
PTJ 0.50 233.3 Pg 22:49:36.735 -0.6 T__ 611.2 --- ML 2.5 175387 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.50 233.3 Lg 22:49:43.884 -0.8 T__ --- 175401 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0

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A264A	0.52	95.0	Pg	22:49:37.665	-0.1	T__	1182.6	___	ML	2.8	175383	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.52	95.0	Lg	22:49:45.888	1.2	T__		---			175402	FDSN	Z3	00	BUD	iLoc	HNN	???	_
				(Reading ML:															
				(Station ML:															
ZAG	0.54	225.7	Pg	22:49:37.954	0.1	T__	2173.9	___	ML	3.1	175388	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.54	225.7	Lg	22:49:46.074	0.7	T__		---			175403	FDSN	CR	--	BUD	iLoc	BHN	???	_
				(Reading ML:															
				(Station ML:															
A262A	0.66	359.1	Pn	22:49:40.495	-1.3	T__	1370.8	___	ML	3.0	175382	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:															
				(Station ML:															
A263A	0.69	50.6	Pg	22:49:40.247	-0.7	T__	3133.6	___	ML	3.4	175381	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:															
				(Station ML:															
CRES	0.85	243.7	Pg	22:49:43.388	0.1	T__	292.8	___	ML	2.4	175394	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.85	243.7	Lg	22:49:55.557	-0.3	T__		---			175404	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML:															
				(Station ML:															
A261A	0.85	29.1	Pg	22:49:43.285	-0.6	T__	985.4	___	ML	3.0	175384	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.85	29.1	Sn	22:49:55.640	-1.4	T__		---			175405	FDSN	Z3	00	BUD	iLoc	HNN	???	_
				(Reading ML:															
				(Station ML:															
BADH	0.88	46.7	Pg	22:49:43.574	-0.7	T__	778.0	___	ML	2.9	175385	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.88	46.7	Sn	22:49:56.260	-1.4	T__		---			175406	FDSN	HU	--	BUD	iLoc	HNN	???	_
				(Reading ML:															
				(Station ML:															
A265A	0.89	75.5	Pn	22:49:44.462	-0.4	T__	1189.9	___	ML	3.1	175386	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:															
				(Station ML:															
A260A	1.08	5.9	Pg	22:49:48.607	0.6	T__	449.0	___	ML	2.8	175427	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	1.08	5.9	Lg	22:50:03.118	0.4	T__		---			175426	FDSN	Z3	00	BUD	iLoc	HNN	???	_
				(Reading ML:															
				(Station ML:															
KOVH	1.09	95.7	Pn	22:49:46.900	-0.6	T__	385.2	___	ML	2.7	175391	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.09	95.7	Sn	22:50:02.259	-0.5	T__		---			175425	FDSN	HU	--	BUD	iLoc	HNN	???	_
				(Reading ML:															
				(Station ML:															
TIH	1.16	52.9	Pn	22:49:48.057	-0.5	T__	1227.3	___	ML	3.2	175389	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:															
				(Station ML:															
MPLH	1.18	35.1	Pn	22:49:48.347	-0.6	T__	279.1	___	ML	2.6	175390	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.18	35.1	Lg	22:50:05.661	-0.3	T__		---			175407	FDSN	HU	--	BUD	iLoc	HNN	???	_
				(Reading ML:															
				(Station ML:															
A266A	1.23	74.4	Pn	22:49:49.049	-0.5	T__	636.7	___	ML	3.0	175393	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	1.23	74.4	Lg	22:50:09.256	2.1	T__		---			175409	FDSN	Z3	00	BUD	iLoc	HNN	???	_
				(Reading ML:															
				(Station ML:															
ARSA	1.26	326.5	Pg	22:49:50.227	-0.5	T__	314.3	___	ML	2.7	175395	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.26	326.5	Lg	22:50:07.954	0.8	T__		---			175408	FDSN	OE	--	BUD	iLoc	HNN	???	_
				(Reading ML:															
				(Station ML:															
EGYH	1.33	23.8	Pn	22:49:50.929	-0.0	T__	396.8	___	ML	2.8	175392	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 2.8 magdef=1		(Station ML: 2.8 magdef=1		OBKA 1.41 283.1 Pn 22:49:52.210 -0.8		T__	208.2	___ ML	2.6 175399	FDSN OE	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.6 magdef=1		(Station ML: 2.6 magdef=1		MORH 1.46 88.9 Pn 22:49:51.818 -0.7		T__	159.0	___ ML	2.5 175398	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.5 magdef=1		(Station ML: 2.5 magdef=0		SOP 1.48 0.4 Pg 22:49:54.892 -0.3		T__	121.9	___ ML	2.4 175410	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.4 magdef=1		(Station ML: 2.4 magdef=0		SOP 1.48 0.4 Lg 22:50:15.305 0.9		T__		___	175411	FDSN HU	-- BUD	iLoc	HHN ???	_
(Reading ML: 2.6 magdef=1		(Station ML: 2.6 magdef=1		RONA 1.50 353.6 Pn 22:49:53.760 0.1		T__	174.0	___ ML	2.6 175397	FDSN OE	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.6 magdef=1		(Station ML: 2.6 magdef=1		RONA 1.50 353.6 Lg 22:50:16.239 0.9		T__		___	175412	FDSN OE	-- BUD	iLoc	HHN ???	_
(Reading ML: 2.8 magdef=1		(Station ML: 2.8 magdef=1		BLY 1.53 162.6 Pg 22:49:56.301 0.8		T__	259.3	___ ML	2.8 175400	FDSN MN	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.8 magdef=1		(Station ML: 2.8 magdef=1		BLY 1.53 162.6 Lg 22:50:15.392 0.2		T__		___	175423	FDSN MN	-- BUD	iLoc	HHN ???	_
(Reading ML: 2.8 magdef=1		(Station ML: 2.8 magdef=1		A267A 1.53 60.4 Pn 22:49:53.140 -0.4		T__	286.0	___ ML	2.8 175396	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.5 magdef=1		(Station ML: 2.5 magdef=1		CSKK 1.65 45.0 Pn 22:49:55.664 0.3		T__	132.6	___ ML	2.5 175424	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.5 magdef=1		(Station ML: 2.5 magdef=1		CSKK 1.65 45.0 Pg 22:49:57.875 -0.7		T__		___	175413	FDSN HU	-- BUD	iLoc	HHZ ???	_
(Reading ML: 2.5 magdef=1		(Station ML: 2.5 magdef=1		CSKK 1.65 45.0 Lg 22:50:21.160 -0.1		T__		___	175414	FDSN HU	-- BUD	iLoc	HHN ???	_
(Reading ML: 2.9 magdef=1		(Station ML: 2.9 magdef=1		A272A 1.76 71.3 Pn 22:49:56.337 -0.3		T__	239.4	___ ML	2.9 175428	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 2.9 magdef=1		(Station ML: 2.9 magdef=1		A272A 1.76 71.3 Pg 22:49:59.727 -0.9		T__		___	175429	FDSN Z3	00 BUD	iLoc	HHZ ???	_
(Reading ML: 2.9 magdef=1		(Station ML: 2.9 magdef=1		A272A 1.76 71.3 Lg 22:50:25.133 0.8		T__		___	175430	FDSN Z3	00 BUD	iLoc	HHE ???	_
(Reading ML: 2.7 magdef=1		(Station ML: 2.7 magdef=1		CONA 1.78 345.1 Pg 22:50:00.795 0.0		T__	165.8	___ ML	2.7 175415	FDSN OE	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.1 magdef=1		(Station ML: 3.1 magdef=0		A271A 1.84 58.2 Lg 22:50:26.398 -0.9		T__		___	175431	FDSN Z3	00 BUD	iLoc	HHN ???	_
(Reading ML: 3.1 magdef=0		(Station ML: 3.1 magdef=0		HU09A 1.91 40.7 Lg 22:50:30.459 0.9		T__		___	175416	FDSN ZJ	00 BUD	iLoc	HHN ???	_
(Reading ML: 3.1 magdef=0		(Station ML: 3.1 magdef=0		HU04A 2.11 72.3 Lg 22:50:36.601 0.5		T__		___	175417	FDSN ZJ	00 BUD	iLoc	HHN ???	_
(Reading ML: 3.1 magdef=0		(Station ML: 3.1 magdef=0		A005B 2.18 354.1 Pg 22:50:08.352 0.4		T__	273.5	___ ML	3.1 175419	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.1 magdef=0		(Station ML: 3.1 magdef=0		A005B 2.18 354.1 Lg 22:50:38.517 2.2		T__		___	175418	FDSN Z3	00 BUD	iLoc	HHN ???	_
(Reading ML: 2.9 magdef=1		(Station ML: 2.9 magdef=1		A338A 2.19 33.7 Lg 22:50:39.031 0.2		T__		___	175420	FDSN Z3	00 BUD	iLoc	HH2 ???	_
(Reading ML: 2.9 magdef=1		(Station ML: 2.9 magdef=1		MODS 2.22 12.7 Pg 22:50:09.304 -0.2		T__		___	175421	FDSN SK	-- BUD	iLoc	HHZ ???	_
(Reading ML: 2.9 magdef=1		(Station ML: 2.9 magdef=1		A008A 2.25 344.7 Pg 22:50:09.299 0.4		T__	133.9	___ ML	2.9 175422	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
2022/02/28	08:02:00.39	1.06	0.82	48.9745	19.3499	6.9	4.3	176	0.0f	13	9	109		0.59	1.43	sx	BUD	18000966	BUD			175

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.2 4 BUD 18000966

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.59	215.5	Pg	08:02:12.199	-0.1					T__		32.8		---	ML	1.3 176265	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.59	215.5	Lg	08:02:21.878	0.9					T__				---		176264	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
NIE	0.77	54.2	Lg	08:02:26.291	0.5					T__				---		176267	FDSN	PL	--	BUD	iLoc	BHN	???	_
KECS	0.90	122.8	Lg	08:02:31.437	-0.1					T__				---		176266	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.92	120.9	Pg	08:02:18.750	0.2					T__		79.8		---	ML	1.9 176258	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	120.9	Lg	08:02:31.481	-0.8					T__				---		176259	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
JAVC	1.11	264.7	Lg	08:02:39.292	-0.4					T__				---		176268	FDSN	CZ	--	BUD	iLoc	HHN	???	_
PSZ	1.12	160.9	Pn	08:02:24.439	1.8					T__		115.8		---	ML	2.2 176261	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.12	160.9	Lg	08:02:40.097	-0.0					T__				---		176262	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
ET1H	1.15	162.2	Lg	08:02:39.951	-0.9					T__				---		176263	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	1.16	137.1	Pn	08:02:23.634	0.6					T__		66.6		---	ML	2.0 176260	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.16	137.1	Lg	08:02:39.658	-0.5					T__				---		176269	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
MORC	1.43	304.9	Lg	08:02:46.132	-0.5					T__				---		176270	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/02/28 08:26:34.83 1.45 1.25 47.8609 19.9374 11.4 3.4 172 0.0f 21 12 145 0.05 1.87 sx BUD 18000968 BUD 183

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.3 9 BUD 18000968

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ET1H	0.05	292.3	Pg	08:26:36.146	-0.3					T__		6220.8		---	ML	2.2 176357	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.05	292.3	Lg	08:26:37.452	-0.5					T__				---		176370	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
PSZ	0.06	333.4	Pg	08:26:36.585	-0.3					T__		5889.1		_c_	ML	2.2 176356	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.06	333.4	Lg	08:26:38.884	-0.0					T__				---		176371	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
HU03A	0.23	280.8	Pg	08:26:40.426	0.4					T__		442.2		---	ML	1.6 176358	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.23	280.8	Lg	08:26:44.157	0.1					T__				---		176372	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								
HU02A	0.47	56.3	Pg	08:26:44.560	-0.4					T__		100.2		---	ML	1.6 176359	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	56.3	Lg	08:26:51.414	-1.4					T__				---		176373	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KECS	0.72	30.3	Pg	08:26:51.146	1.8					T__		132.7		---	ML	2.0 176361	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.72	30.3	Lg	08:27:00.109	-0.2					T__				---		176360	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																								

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(Station ML: 2.0 magdef=1
JOS 0.75 32.2 Pg 08:26:50.487 0.6 T__ 108.0 ___ ML 2.0 176362 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.75 32.2 Lg 08:27:00.512 -0.8 T__ ___ 176363 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 0.97 311.1 Pg 08:26:54.731 0.2 T__ 38.6 ___ ML 1.6 176365 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 311.1 Lg 08:27:07.829 -0.9 T__ ___ 176364 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.98 63.0 Pg 08:26:55.170 1.0 T__ 100.3 ___ ML 2.0 176366 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.98 63.0 Lg 08:27:08.434 -1.2 T__ ___ 176368 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CSKK 1.24 246.9 Sn 08:27:15.883 -0.9 T__ ___ 176376 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.58 8.6 Sn 08:27:26.946 1.3 T__ ___ 176369 FDSN PL -- BUD iLoc BHN ??? _
JAVC 1.81 304.3 Pn 08:27:09.951 3.2 T__ 188.6 ___ ML 2.8 176367 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.81 304.3 Sn 08:27:33.299 1.2 T__ ___ 176374 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
MORH 1.87 208.7 Sn 08:27:33.450 2.0 T__ ___ 176375 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
2022/02/28 08:28:39.63 0.86 0.96 48.9917 16.3393 7.2 4.2 116 0.0f 15 8 89 0.08 1.54 sx BUD 18000970 BUD 136

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Magnitude Err Nsta Author OrigID
ML 2.1 0.1 6 BUD 18000970

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KRUC 0.08 27.6 Pg 08:28:41.570 0.3 T__ 555.0 _c_ ML 1.3 176446 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.08 27.6 Lg 08:28:42.045 -0.6 T__ ___ 176449 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VRAC 0.36 27.7 Pg 08:28:46.821 0.3 T__ 40.8 ___ ML 0.9 176456 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 0.36 27.7 Lg 08:28:51.147 -0.8 T__ ___ 176450 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
MODS 0.88 134.5 Lg 08:29:09.049 -1.7 T__ ___ 176451 FDSN SK -- BUD iLoc HHN ??? _
CONA 1.11 196.8 Pg 08:29:01.939 0.4 T__ 92.3 ___ ML 2.1 176444 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.11 196.8 Lg 08:29:16.426 0.5 T__ ___ 176452 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MORC 1.11 44.6 Pg 08:29:01.354 1.1 T__ 112.1 ___ ML 2.2 176457 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.11 44.6 Lg 08:29:15.466 -0.3 T__ ___ 176447 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
RONA 1.29 181.3 Pn 08:29:05.121 0.6 T__ 94.9 ___ ML 2.2 176445 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.29 181.3 Lg 08:29:22.097 0.2 T__ ___ 176453 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
CKRC 1.35 263.4 Pn 08:29:05.745 0.4 T__ 244.6 ___ ML 2.6 176458 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.35 263.4 Lg 08:29:22.225 -1.3 T__ ___ 176448 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.35 263.4 Sg 08:29:23.103 -0.4 T__ ___ 176454 FDSN CZ -- BUD iLoc HHN ??? _

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(Reading ML: 2.6 magdef=1  
 (Station ML: 2.6 magdef=0  
 PRU 1.54 311.1 Sn 08:29:30.407 1.8 T\_\_ --- 176455 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/28	08:49:44.56	0.72	1.56	48.0206	19.9664	4.5	2.5	136	4.2	9.2	28	17	120	0.11	2.32	ke	BUD	18000972	BUD			124

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	9 BUD	18000972

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.11	205.4	Pg	08:49:47.670	0.2					T__		4367.6		---	ML	2.3	176561	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.11	205.4	Pb	08:49:48.045	0.5					T__				---		176573	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
PSZ	0.11	205.4	Lg	08:49:49.682	-0.3					T__				---		176576	FDSN	GE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=1  
 ET1H 0.16 204.3 Pg 08:49:48.091 -0.1 T\_\_ 1403.0 \_c\_ ML 1.9 176563 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ET1H 0.16 204.3 Lg 08:49:50.414 -0.5 T\_\_ --- 176562 FDSN HU -- BUD iLoc HHN ??? \_

(Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 HU03A 0.27 244.8 Pg 08:49:50.698 0.3 T\_\_ 566.9 --- ML 1.8 176564 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU03A 0.27 244.8 Lg 08:49:54.265 -0.4 T\_\_ --- 176577 FDSN ZJ 00 BUD iLoc HHN ??? \_

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 HU02A 0.39 74.6 Pg 08:49:52.719 -0.1 T\_\_ 265.0 --- ML 1.8 176565 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.39 74.6 Lg 08:49:58.298 -0.8 T\_\_ --- 176578 FDSN ZJ 00 BUD iLoc HHN ??? \_

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 KECS 0.58 36.7 Pg 08:49:56.469 0.4 T\_\_ 421.5 --- ML 2.4 176566 FDSN SK -- BUD iLoc EHN EHZ \_  
 KECS 0.58 36.7 Lg 08:50:04.006 -0.8 T\_\_ --- 176579 FDSN SK -- BUD iLoc EHN ??? \_

(Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=0  
 JOS 0.61 38.6 Pg 08:49:56.689 0.0 T\_\_ 137.0 --- ML 2.0 176567 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 0.61 38.6 Lg 08:50:05.030 -0.8 T\_\_ --- 176580 FDSN ZJ -- BUD iLoc HHN ??? \_

(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1  
 HU01A 0.72 199.2 Lg 08:50:09.190 -1.0 T\_\_ --- 176581 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 BUD 0.83 230.2 Lg 08:50:13.719 -0.7 T\_\_ --- 176588 FDSN HU -- BUD iLoc HHN ??? \_

VYHS 0.89 302.5 Pg 08:50:03.256 0.7 T\_\_ 31.8 --- ML 1.5 176569 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 0.89 302.5 Lg 08:50:13.207 -2.2 T\_\_ --- 176568 FDSN SK -- BUD iLoc HHN ??? \_

(Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=0  
 ABAH 0.90 71.6 Pg 08:50:02.195 0.1 T\_\_ 151.5 --- ML 2.2 176570 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ABAH 0.90 71.6 Lg 08:50:14.707 -1.1 T\_\_ --- 176582 FDSN HU -- BUD iLoc HHN ??? \_

(Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1  
 HU04A 1.25 195.5 Sn 08:50:25.536 0.6 T\_\_ --- 176571 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 NIE 1.42 8.8 Pg 08:50:12.292 1.1 T\_\_ 55.9 --- ML 2.0 176572 FDSN PL -- BUD iLoc BHZ BHZ \_  
 NIE 1.42 8.8 Lg 08:50:31.682 0.7 T\_\_ --- 176583 FDSN PL -- BUD iLoc BHN ??? \_

(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1  
 A272A 1.45 208.4 Sn 08:50:30.989 1.2 T\_\_ --- 176586 FDSN Z3 00 BUD iLoc HHE ??? \_

A272A	1.45	208.4	Lg	08:50:32.330	-2.4	T__	---	176587	FDSN	Z3	00	BUD	iLoc	HHE	???	_
A267A	1.47	223.7	Sn	08:50:33.924	3.4	T__	---	176574	FDSN	Z3	00	BUD	iLoc	HHN	???	_
JAVC	1.74	299.6	Lg	08:50:43.016	-1.3	T__	---	176575	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MORH	2.02	207.1	Sn	08:50:47.393	3.8	T__	---	176584	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	2.32	214.1	Sn	08:50:54.260	3.3	T__	---	176585	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
2022/02/28	09:19:55.28	0.98	0.30	47.8719	16.0588	6.9	3.9	30	0.0f	8	6	82	0.14	1.50	sx	BUD	18000974	BUD				156

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.14	293.1	Pg	09:19:58.390	-0.0	T__						204.6		---	ML	1.0	176624	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	293.1	Lg	09:20:00.512	-0.1	T__								---		176629	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.24	137.0	Pg	09:20:00.310	0.1	T__						116.3		---	ML	1.0	176625	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	137.0	Lg	09:20:03.384	-0.3	T__								---		176630	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ARSA	0.72	210.5	Lg	09:20:18.530	0.2	T__								---		176626	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.96	58.0	Lg	09:20:29.652	0.2	T__								---		176627	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	10.5	Sn	09:20:35.715	-0.3	T__								---		176631	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.50	309.8	Sn	09:20:43.847	0.3	T__								---		176628	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/28	09:32:06.90	0.92	0.88	48.3908	19.5338	6.1	3.6	12	0.0f	11	8	126	0.48	1.32	sx	BUD	18000976	BUD				149

Magnitude Err Nsta Author OrigID  
ML 1.7 0.0 3 BUD 18000976

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.48	282.8	Pg	09:32:17.085	0.4	T__						29.8		---	ML	1.1	176663	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	282.8	Lg	09:32:23.121	-0.7	T__								---		176662	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.53	152.8	Lg	09:32:26.384	-0.4	T__								---		176664	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.56	156.1	Lg	09:32:27.439	0.1	T__								---		176661	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.64	81.3	Lg	09:32:29.634	0.2	T__								---		176658	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	80.7	Pg	09:32:20.414	-0.0	T__						75.9		---	ML	1.8	176660	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	80.7	Lg	09:32:30.585	-0.1	T__								---		176659	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.71	111.7	Pg	09:32:21.878	0.1	T__						69.7		---	ML	1.7	176656	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	111.7	Lg	09:32:32.634	-0.3	T__								---		176657	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	1.15	25.9	Lg	09:32:45.043	-0.2	T__								---		176665	FDSN	PL	--	BUD	iLoc	BHN	???	_	
JAVC	1.32	291.5	Sn	09:32:50.018	-2.3	T__								---		176666	FDSN	CZ	--	BUD	iLoc	HHN	???	_	



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/28	10:05:34.59	0.95	1.01	48.5360	19.2847	7.1	3.1	10	0.0f		16	10	164	0.30	1.35	sx	BUD	18000978	BUD			188

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	6 BUD	18000978

Sta	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	0.30	262.1	Pg	10:05:41.414	0.5					T__		42.0		---	ML	0.8	176706	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.30	262.1	Lg	10:05:45.731	0.2					T__				---		176707	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
HU03A	0.67	161.5	Lg	10:05:57.975	-0.5					T__				---		176711	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.74	146.4	Pg	10:05:50.707	0.4					T__	108.4			---	ML	1.9	176704	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.74	146.4	Lg	10:06:00.512	-1.1					T__				---		176712	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
ET1H	0.77	149.0	Pn	10:05:53.268	1.7					T__		73.1		---	ML	1.8	176705	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.77	149.0	Lg	10:06:01.463	-0.6					T__				---		176713	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
KECS	0.80	93.3	Pg	10:05:50.853	0.3					T__		99.3		---	ML	1.9	176702	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.80	93.3	Lg	10:06:01.902	-0.6					T__				---		176708	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
JOS	0.84	92.3	Pg	10:05:52.170	1.0					T__		124.5		---	ML	2.1	176701	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.84	92.3	Lg	10:06:03.073	-0.6					T__				---		176709	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																									
HU02A	0.93	116.1	Pg	10:05:54.219	0.6					T__		95.6		---	ML	2.0	176703	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.93	116.1	Lg	10:06:06.512	-1.0					T__				---		176714	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
JAVC	1.12	287.4	Lg	10:06:12.080	-2.1					T__				---		176710	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ABAH	1.32	99.7	Sn	10:06:19.202	0.5					T__				---		176715	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.35	263.8	Sn	10:06:19.300	-0.7					T__				---		176716	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
2022/02/28	11:27:08.55	1.53	0.56	48.8046	21.6034	10.2	7.1	112	0.0f		12	10	96	0.56	1.61	sx	BUD	18000980	BUD			190

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.56	205.5	Lg	11:27:29.191	-0.1					T__				---		176749	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.77	246.7	Pg	11:27:23.770	-0.0					T__	108.2			---	ML	2.0	176750	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	246.7	Lg	11:27:35.770	0.4					T__				---		176755	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
KECS	0.81	247.0	Lg	11:27:37.158	0.5					T__				---		176751	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.92	136.9	Lg	11:27:41.115	0.0					T__				---		176756	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.99	226.8	Lg	11:27:42.729	-1.0					T__				---		176757	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

NIE	1.05	306.1	Pg	11:27:28.450	0.0	T__	90.0	___	ML	2.0	176759	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.05	306.1	Lg	11:27:43.523	-0.6	T__		---			176760	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
KWP	1.10	40.8	Lg	11:27:45.754	0.3	T__		---			176752	FDSN	PL	--	BUD	iLoc	HHN	???	_
PSZ	1.44	232.8	Sn	11:27:56.341	0.1	T__		---			176753	FDSN	GE	--	BUD	iLoc	HHE	???	_
ET1H	1.48	231.9	Sn	11:27:57.512	0.9	T__		---			176758	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU03A	1.61	236.8	Lg	11:28:03.667	0.2	T__		---			176754	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/28	13:42:05.60	0.96	1.04	47.8892	20.1134	5.8	3.3	161	0.0f		16	10	106	0.15	1.54	sx	BUD	18000982	BUD			205

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	18000982

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.15	281.3	Pg	13:42:09.951	0.5					T__		754.1		---	ML	1.6	177321	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.15	281.3	Lg	13:42:11.999	-0.6					T__				---		177326	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.16	266.6	Pg	13:42:09.951	0.4					T__		592.6		---	ML	1.5	177323	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.16	266.6	Lg	13:42:11.853	-0.8					T__				---		177327	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU23A	0.27	159.8	Lg	13:42:15.911	-0.4					T__				---		177328	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	0.35	272.6	Lg	13:42:18.175	-0.6					T__				---		177329	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.36	49.7	Lg	13:42:18.406	-1.3					T__				---		177330	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.64	22.6	Lg	13:42:28.025	-0.4					T__				---		177331	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.67	25.0	Pg	13:42:19.887	0.8					T__		84.0		---	ML	1.8	177333	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	25.0	Lg	13:42:29.033	-0.3					T__				---		177332	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.86	61.2	Pg	13:42:22.902	0.2					T__		87.2		---	ML	1.9	177322	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.86	61.2	Lg	13:42:35.195	-1.3					T__				---		177334	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
VYHS	1.05	305.8	Pn	13:42:27.585	1.0					T__		35.0		---	ML	1.6	177324	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.05	305.8	Lg	13:42:40.829	-1.2					T__				---		177335	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	1.54	4.5	Pg	13:42:35.926	1.3					T__		75.4		---	ML	2.2	177325	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.54	4.5	Sn	13:42:57.146	1.9					T__				---		177336	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/28	16:24:29.87	1.01	0.98	45.5109	16.3574	9.7	4.4	52	0.0f		13	8	154	0.41	1.83	ke	BUD	18000984	BUD			280

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	5 BUD	18000984

Sta	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	0.41	320.7	Lg	16:24:44.725	0.6					T__						177377	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.48	325.6	Pg	16:24:38.954	-0.9					T__		142.5		---	ML	1.8	177376	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.48	325.6	Lg	16:24:45.649	-1.6					T__				---		177381	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
CRES	0.71	296.8	Pg	16:24:44.945	1.4					T__		107.6		---	ML	1.9	177378	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.71	296.8	Lg	16:24:52.664	-1.2					T__				---		177382	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOGS	0.94	355.5	Pg	16:24:49.243	0.6					T__		155.5		---	ML	2.2	177375	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.94	355.5	Lg	16:25:02.195	1.1					T__				---		177374	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BLY	0.96	142.2	Pg	16:24:48.310	-0.2					T__		112.8		---	ML	2.1	177379	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	0.96	142.2	Lg	16:25:00.932	0.2					T__				---		177380	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BEHE	1.00	16.8	Pg	16:24:49.902	0.1					T__		259.1		---	ML	2.5	177373	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.00	16.8	Lg	16:25:04.536	0.7					T__				---		177383	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
OBKA	1.61	309.0	Sn	16:25:20.838	-0.5					T__				---		177384	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	1.83	341.9	Lg	16:25:27.942	-0.5					T__				---		177385	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/28	21:45:52.23	1.07	0.97	47.8173	16.2787	7.3	3.7	34	0.0f		8	5	121	0.12	1.25	ke	BUD	18000986	BUD			193

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.3	3 BUD	18000986

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.12	174.2	Pg	21:45:54.768	-0.2					T__		99.4		---	ML	0.6	177415	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	174.2	Lg	21:45:56.798	-0.1					T__				---		177416	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SOP	0.23	125.3	Pg	21:45:57.256	0.1					T__		79.6		---	ML	0.8	177418	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	125.3	Lg	21:46:00.695	0.0					T__				---		177417	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.30	291.7	Pg	21:45:58.463	0.1					T__		79.7		---	ML	1.0	177414	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	291.7	Lg	21:46:02.341	-0.3					T__				---		177413	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ARSA	0.76	222.3	Lg	21:46:17.353	0.7					T__				---		177420	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.25	3.5	Sn	21:46:31.920	-2.0					T__				---		177419	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/01	01:13:16.72	0.89	1.16	47.1216	16.0907	4.5	3.6	35	0.0f		19	13	117	0.39	2.08	ke	BUD	18000988	BUD			154

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.0 6 BUD 18000988

Sta	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	0.39	130.6	Pg	01:13:24.742	-0.2					T__		318.9		---	ML	1.9 178118	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.39	130.6	Lg	01:13:31.643	1.1					T__				---		178119	FDSN	Z3	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
ARSA	0.41	288.6	Pg	01:13:24.175	-0.5					T__		98.8		---	ML	1.4 178115	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.41	288.6	Lg	01:13:29.802	-0.0					T__				---		178129	FDSN	OE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
A260A	0.45	68.7	Pg	01:13:26.069	-0.0					T__		208.7		---	ML	1.9 178117	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.45	68.7	Lg	01:13:32.588	-0.0					T__				---		178116	FDSN	Z3	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
RONA	0.59	13.5	Pg	01:13:28.204	-0.6					T__		55.3		---	ML	1.6 178114	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.59	13.5	Lg	01:13:37.543	0.6					T__				---		178123	FDSN	OE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KOGS	0.68	170.7	Pg	01:13:31.132	0.8					T__		110.3		---	ML	1.9 178120	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.68	170.7	Lg	01:13:38.487	-0.8					T__				---		178124	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
A261A	0.74	102.8	Lg	01:13:41.045	-1.4					T__				---		178121	FDSN	Z3	00	BUD	iLoc	HNN	???	_
BEHE	0.80	143.9	Sn	01:13:45.431	-1.7					T__				---		178130	FDSN	HU	--	BUD	iLoc	HNN	???	_
CONA	0.82	349.2	Pg	01:13:34.673	1.6					T__		97.1		---	ML	1.9 178113	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.82	349.2	Sn	01:13:46.743	-1.7					T__				---		178131	FDSN	OE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=0)																								
EGYH	0.90	70.3	Lg	01:13:47.780	-0.3					T__				---		178122	FDSN	HU	--	BUD	iLoc	HNN	???	_
MPLH	0.99	86.7	Lg	01:13:50.793	-0.4					T__				---		178128	FDSN	HU	--	BUD	iLoc	HNN	???	_
MODS	1.49	32.2	Sn	01:14:05.222	0.7					T__				---		178125	FDSN	SK	--	BUD	iLoc	HNN	???	_
KRUC	1.95	5.9	Sn	01:14:17.925	2.3					T__				---		178126	FDSN	CZ	--	BUD	iLoc	HNN	???	_
CKRC	2.08	325.5	Sn	01:14:20.399	1.2					T__				---		178127	FDSN	CZ	--	BUD	iLoc	HNN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/01 02:26:17.54 0.89 0.56 46.4574 17.7035 4.8 3.6 64 9.5 0.7 21 14 98 0.07 1.00 ke BUD 18000990 BUD 126

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.2 8 BUD 18000990

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A265A	0.07	117.4	Pg	02:26:19.669	-0.3					T__		360.2		_c	ML	1.1 178213	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.07	117.4	Lg	02:26:22.231	0.4					T__				---		178212	FDSN	Z3	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=0)																								
A266A	0.39	79.8	Pg	02:26:25.749	0.0					T__		171.5		---	ML	1.6 178222	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.39	79.8	Lg	02:26:32.227	0.5					T__				---		178221	FDSN	Z3	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								

KOVH	0.46	143.2	Pg	02:26:26.559	-0.5	T__	78.4	---	ML	1.5	178210	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.46	143.2	Lg	02:26:33.357	-0.2	T__		---			178211	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
A273A	0.55	171.7	Pg	02:26:28.390	-0.2	T__	280.4	---	ML	2.3	178224	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.55	171.7	Lg	02:26:36.808	1.0	T__		---			178223	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
A261A	0.63	322.5	Pg	02:26:30.554	0.4	T__	122.1	---	ML	1.9	178225	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
BEHE	0.64	271.5	Lg	02:26:39.152	0.1	T__		---			178216	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	0.69	110.1	Pg	02:26:31.270	-0.0	T__	66.6	---	ML	1.7	178214	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.69	110.1	Lg	02:26:41.354	0.3	T__		---			178226	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MPLH	0.72	351.1	Pg	02:26:31.291	-0.6	T__	67.9	---	ML	1.7	178215	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.72	351.1	Lg	02:26:42.004	-0.5	T__		---			178218	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
A267A	0.73	47.3	Pg	02:26:32.187	0.4	T__	105.5	---	ML	1.9	178227	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.73	47.3	Lg	02:26:42.087	-0.5	T__		---			178217	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
A272A	0.92	71.3	Sn	02:26:47.470	-1.2	T__		---			178228	FDSN	Z3	00	BUD	iLoc	HHN	???	_
CSKK	0.98	22.7	Sn	02:26:50.226	-0.4	T__		---			178229	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU08A	0.99	8.7	Sn	02:26:49.886	-0.6	T__		---			178219	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU22A	1.00	96.9	Sn	02:26:51.168	0.7	T__		---			178230	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KOGS	1.00	270.0	Sn	02:26:50.628	0.2	T__		---			178220	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
2022/03/01	07:00:04.15	0.91	1.41	48.9886	19.4105	5.5	3.9	156	0.0f		15	10	109	0.62	1.45	sx	BUD	18000992	BUD			179

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	18000992

Sta	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	0.62	217.7	Pg	07:00:18.181	1.4					T__		20.9		---	ML	1.2	178277	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.62	217.7	Lg	07:00:25.950	0.0					T__				---		178278	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
NIE	0.72	53.3	Pg	07:00:18.843	1.0					T__		42.9		---	ML	1.5	178280	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.72	53.3	Lg	07:00:27.893	-0.3					T__				---		178279	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.87	125.0	Lg	07:00:33.884	-0.5					T__				---		178284	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.90	123.0	Pg	07:00:21.818	-0.0					T__		67.3		---	ML	1.8	178281	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.90	123.0	Lg	07:00:34.380	-0.7					T__				---		178285	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	1.09	173.3	Pn	07:00:26.845	1.0					T__		126.1		---	ML	2.2	178282	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.09	173.3	Sn	07:00:41.308	-1.5					T__				---		178283	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
PSZ 1.12 163.1 Lg 07:00:41.900 -2.0 T__ --- 178274 FDSN GE -- BUD iLoc HHN ??? _
HU02A 1.14 139.1 Lg 07:00:42.367 -1.0 T__ --- 178287 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.15 164.4 Pn 07:00:26.776 0.1 T__ 68.8 --- ML 2.0 178276 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.15 164.4 Lg 07:00:42.892 -1.8 T__ --- 178275 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JAVC 1.15 264.2 Lg 07:00:42.320 -2.5 T__ --- 178286 FDSN CZ -- BUD iLoc HHN ??? _
MORC 1.45 303.6 Lg 07:00:49.726 -1.5 T__ --- 178288 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/01	07:38:34.83	1.20	1.24	47.3024	18.2705	8.3	4.2	89	0.0f	10	8	105	0.06	1.26	sx	BUD	18000994	BUD				124

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.06	353.6	Pg	07:38:37.169	0.4					T__		987.3		---	ML	1.5	178317	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	353.6	Lg	07:38:37.892	-0.8					T__				---		178318	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU08A	0.27	298.8	Lg	07:38:45.156	-0.6					T__				---		178321	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.52	255.4	Lg	07:38:53.533	-0.1					T__				---		178319	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.12	166.6	Lg	07:39:12.562	-0.7					T__				---		178322	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.22	185.6	Sn	07:39:15.319	-0.7					T__				---		178323	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.23	61.4	Sn	07:39:15.403	-1.2					T__				---		178326	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.25	17.5	Sn	07:39:15.904	-1.8					T__				---		178325	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.26	60.1	Pn	07:38:59.979	1.2					T__		116.9		---	ML	2.3	178320	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.26	60.1	Sn	07:39:16.238	-1.6					T__				---		178324	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/01	09:25:43.49	0.53	0.44	48.0577	20.7178	6.3	3.6	147	0.0A	0.0	12	7	197	0.14	1.39	m	kx	BUD	18000996	BUD			360
2022/03/01	09:25:42.12	0.92	1.15	48.0471	20.6805f				0.0f		12	7	196	0.13	1.40		kx	BUD_GT	18000997	BUD_GT			263

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.0 5 BUD 18000997

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	305.8	Pg	09:25:45.888	0.5					T__		853.7		---	ML	1.6	178380	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	09:25:47.045	-1.1					T__				---		178384	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
ABAH	0.45	56.1	Pg	09:25:51.250	-0.1					T__		102.6		---	ML	1.6	178386	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	09:25:56.869	-2.3					T__				---		178385	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									

KECS	0.46	343.5	Pg	09:25:52.644	1.2	T__	130.9	___	ML	1.7	178381	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	343.5	Lg	09:25:57.851	-0.6	T__		---			178387	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
JOS	0.46	348.2	Pg	09:25:52.210	0.8	T__	79.6	___	ML	1.5	178382	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	09:25:58.502	-0.1	T__		---			178383	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
PSZ	0.54	256.6	Pg	09:25:55.091	1.2	T__	71.8	___	ML	1.7	178388	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	256.6	Lg	09:26:01.207	-1.3	T__		---			178390	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ET1H	0.57	253.1	Lg	09:26:02.985	-0.0	T__		---			178391	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.40	349.7	Sn	09:26:27.087	-1.3	T__		---			178389	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
2022/03/01	09:49:42.43	3.15	1.54	48.2100	21.3159	19.9	7.7	117	0.0f		7	4	291	0.10	0.62	sx	BUD	18000998	BUD			327

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	18000998

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.10	329.4	Pg	09:49:44.710	-0.3					T__		514.5		___	ML	1.3	178439	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.10	329.4	Lg	09:49:48.596	1.2					T__				---		178443	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.54	260.9	Pg	09:49:54.545	0.8					T__		65.6		___	ML	1.6	178440	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.54	260.9	Lg	09:49:59.740	-2.7					T__				---		178442	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.59	299.2	Pg	09:49:54.207	-0.1					T__		70.7		___	ML	1.7	178441	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.59	299.2	Lg	09:50:03.584	0.2					T__				---		178444	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.62	296.6	Lg	09:50:04.390	0.1					T__				---		178445	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		
2022/03/01	10:01:10.74	1.01	0.77	48.4717	17.5628	6.9	3.4	132	0.0f		9	7	140	0.21	1.31	sx	BUD	18001000	BUD					217

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.21	242.8	Pg	10:01:15.847	0.2					T__				---		178469	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.21	242.8	Lg	10:01:18.243	-1.4					T__				---		178472	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.39	10.4	Pg	10:01:19.256	0.1					T__		167.4		___	ML	1.6	178471	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.39	10.4	Lg	10:01:25.041	-0.7					T__				---		178470	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
VYHS	0.85	88.0	Lg	10:01:39.954	-0.3					T__				---		178473	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.97	307.8	Lg	10:01:43.472	-0.2					T__				---		178474	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

RONA	1.15	228.2	Lg	10:01:48.639	0.3	T__	---	178475	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.26	245.1	Lg	10:01:52.217	0.4	T__	---	178476	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORC	1.31	359.4	Lg	10:01:54.101	0.9	T__	---	178477	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/01	10:24:58.86	0.99	0.81	48.4826	17.5550	7.1	3.4	134	0.0f		9	6	138	0.21	1.26	sx	BUD	18001002	BUD			216

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.21	239.6	Pg	10:25:03.842	0.1					T__						178497	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.21	239.6	Lg	10:25:06.239	-1.5					T__						178500	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.38	11.5	Pg	10:25:07.314	0.2					T__	151.1			---	ML	1.5	178498	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	11.5	Lg	10:25:13.264	-0.3					T__						178499	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	0.85	88.8	Lg	10:25:28.062	-0.4					T__						178501	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.96	307.5	Lg	10:25:31.150	-0.3					T__						178502	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.15	227.6	Lg	10:25:37.417	0.8					T__						178503	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.26	244.5	Pn	10:25:23.688	0.2					T__	83.9			---	ML	2.1	178505	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.26	244.5	Lg	10:25:40.630	0.7					T__						178504	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/03/01	10:52:11.25	0.99	1.02	48.4842	20.7689	5.6	3.5	19	0.0f		15	8	138	0.15	1.29	sx	BUD	18001004	BUD					222

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD	18001004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.15	274.4	Pg	10:52:14.958	0.4					T__		365.4			---	ML	1.3	178538	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	274.4	Lg	10:52:17.107	-0.1					T__						178545	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=0)																										
KECS	0.19	269.8	Pg	10:52:15.340	0.1					T__	1322.4			---	ML	1.9	178539	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.19	269.8	Lg	10:52:18.357	-0.0					T__						178546	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
ABAH	0.37	120.8	Pg	10:52:19.442	0.6					T__	101.1			---	ML	1.3	178541	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.37	120.8	Lg	10:52:23.904	-1.4					T__						178547	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
HU02A	0.40	204.3	Pg	10:52:20.433	0.7					T__	91.9			---	ML	1.4	178540	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.40	204.3	Lg	10:52:25.557	-0.8					T__						178548	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
PSZ	0.81	226.3	Pg	10:52:29.824	1.3					T__	101.5			---	ML	2.0	178542	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.81	226.3	Lg	10:52:39.204	-1.6					T__						178549	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																										



```

(Station ML: 2.0 magdef=1
ET1H 0.85 225.1 Pg 10:52:30.154 1.0 T__ 107.1 --- ML 2.0 178543 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.85 225.1 Lg 10:52:40.361 -1.3 T__ --- 178550 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
NIE 0.98 341.9 Pn 10:52:31.725 0.2 T__ 60.1 --- ML 1.8 178544 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.98 341.9 Lg 10:52:43.171 -0.7 T__ --- 178551 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.29 271.2 Sn 10:52:53.723 -1.1 T__ --- 178552 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
2022/03/01 11:00:11.11 1.21 1.04 48.1021 17.0150 18.5 3.5 135 0.0f 9 6 158 0.32 1.32 sx BUD 18001006 BUD 197

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.32 32.7 Pg 11:00:18.677 0.5 T__ --- 178584 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.32 32.7 Lg 11:00:23.491 -0.3 T__ --- 178585 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.63 230.5 Pg 11:00:23.739 0.0 T__ 91.2 --- ML 1.8 178591 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.63 230.5 Lg 11:00:31.177 -1.0 T__ --- 178590 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CONA 0.79 257.8 Pg 11:00:27.954 1.1 T__ 87.2 --- ML 1.9 178592 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.79 257.8 Lg 11:00:36.053 -1.2 T__ --- 178586 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JAVC 0.87 29.7 Lg 11:00:41.342 -1.2 T__ --- 178587 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 1.28 71.4 Sn 11:00:54.105 -0.5 T__ --- 178588 FDSN SK -- BUD iLoc HHN ??? _
ARSA 1.32 230.3 Lg 11:00:53.985 0.9 T__ --- 178589 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/01 12:13:58.09 0.95 0.53 47.8799 16.0729 5.7 4.0 30 0.0f 10 6 81 0.15 1.51 sx BUD 18001008 BUD 152

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Magnitude Err Nsta Author OrigID  
ML 1.5 0.8 4 BUD 18001008

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.15 288.9 Pg 12:14:01.611 0.3 T__ 210.9 --- ML 1.0 178664 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.15 288.9 Lg 12:14:03.512 -0.1 T__ --- 178668 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
RONA 0.23 140.0 Pg 12:14:03.512 0.5 T__ 78.6 --- ML 0.8 178665 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.23 140.0 Lg 12:14:06.404 -0.1 T__ --- 178669 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
ARSA 0.73 210.8 Pg 12:14:11.485 -0.8 T__ 126.5 --- ML 2.0 178671 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.73 210.8 Lg 12:14:21.402 -0.1 T__ --- 178670 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

MODS	0.95	58.1	Lg	12:14:31.011	-0.9	T__									178672	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	10.2	Pg	12:14:21.638	0.5	T__					100.4		---	ML	2.2	178667	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	10.2	Sn	12:14:38.677	0.0	T__							---		178666	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1																								
(Station ML: 2.2 magdef=1																								
CKRC	1.51	309.3	Sn	12:14:46.442	0.1	T__							---		178673	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/01	12:23:18.20	0.96	0.44	47.8829	16.0759	5.7	4.0	29	0.0f		9	5	82	0.15	1.20	sx	BUD	18001010	BUD			159

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.6	4 BUD	18001010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.15	287.5	Pg	12:23:21.570	0.1					T__		197.4		---	ML	1.0	178701	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	287.5	Lg	12:23:23.512	-0.3					T__				---		178705	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1																									
(Station ML: 1.0 magdef=1																									
RONA	0.24	140.9	Pg	12:23:23.223	0.0					T__		132.6		---	ML	1.1	178702	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	140.9	Lg	12:23:26.983	0.3					T__				---		178706	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1																									
(Station ML: 1.1 magdef=1																									
ARSA	0.74	210.8	Pg	12:23:32.074	-0.4					T__		75.8		---	ML	1.8	178707	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	210.8	Lg	12:23:41.776	0.1					T__				---		178703	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1																									
(Station ML: 1.8 magdef=1																									
MODS	0.94	58.2	Lg	12:23:51.307	-0.6					T__				---		178708	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	10.1	Pg	12:23:41.900	0.7					T__		112.0		---	ML	2.2	178709	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	10.1	Sn	12:23:58.595	-0.1					T__				---		178704	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1																									
(Station ML: 2.2 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/02	08:02:55.54	1.19	0.92	47.9828	20.3456	11.0	3.2	145	0.0f		11	6	190	0.18	0.68	sx	BUD	18001016	BUD			211

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.5	6 BUD	18001016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.18	40.7	Pg	08:03:00.265	0.4					T__		160.3		---	ML	1.0	179054	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	40.7	Lg	08:03:02.533	-1.0					T__				---		179055	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1																									
(Station ML: 1.0 magdef=1																									
PSZ	0.31	258.2	Pg	08:03:03.118	0.5					T__		80.8		---	ML	1.1	179060	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	258.2	Lg	08:03:07.070	-0.9					T__				---		179061	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1																									
(Station ML: 1.1 magdef=1																									
ET1H	0.34	252.2	Pg	08:03:03.448	0.5					T__		59.2		---	ML	1.0	179058	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.34	252.2	Lg	08:03:07.765	-0.7					T__				---		179062	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1																									

```

(Station ML: 1.0 magdef=0
KECS 0.51 10.5 Pg 08:03:06.996 1.1 T__ 107.1 --- ML 1.7 179056 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.51 10.5 Lg 08:03:12.740 -1.0 T__ --- 179063 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.53 14.1 Pg 08:03:06.978 0.8 T__ 102.2 --- ML 1.8 179057 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 14.1 Lg 08:03:13.564 -0.8 T__ --- 179064 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.68 62.0 Pg 08:03:09.649 0.5 T__ 114.3 --- ML 1.9 179059 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/02 08:36:44.20 2.02 1.57 48.4866 21.4909 12.2 8.2 42 0.0f 7 5 205 0.25 0.79 sx BUD 18001018 BUD 310

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.25 221.4 Pg 08:36:49.573 -0.1 T__ 277.0 --- ML 1.4 179092 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.25 221.4 Lg 08:36:55.829 1.5 T__ --- 179095 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS 0.63 271.2 Pg 08:36:57.731 0.9 T__ 92.7 --- ML 1.8 179094 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.63 271.2 Lg 08:37:04.975 -1.4 T__ --- 179093 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.67 270.1 Lg 08:37:05.780 -1.9 T__ --- 179096 FDSN SK -- BUD iLoc EHN ??? _
HU02A 0.74 240.9 Lg 08:37:10.569 -0.6 T__ --- 179098 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 0.79 116.6 Lg 08:37:11.780 -1.0 T__ --- 179097 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
2022/03/02 08:52:30.81 3.12 1.15 48.4648 17.5602 35.2 3.7 127 0.0f 6 4 233 0.21 1.31 sx BUD 18001020 BUD 244

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.21 244.3 Pg 08:52:35.963 0.4 T__ --- 179116 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.21 244.3 Lg 08:52:38.304 -1.2 T__ --- 179118 FDSN SK -- BUD iLoc HHE ??? _
JAVC 0.40 10.5 Pg 08:52:39.457 0.1 T__ 126.7 --- ML 1.5 179117 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.40 10.5 Lg 08:52:45.091 -1.0 T__ --- 179119 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
CONA 1.26 245.3 Lg 08:53:11.807 0.1 T__ --- 179120 FDSN OE -- BUD iLoc HHN ??? _
MORC 1.31 359.5 Lg 08:53:14.701 1.2 T__ --- 179121 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/02 09:25:33.08 1.30 1.06 48.5370 20.8221 7.2 6.1 28 0.0f 13 9 130 0.19 1.32 sx BUD 18001024 BUD 200

```

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 4 BUD 18001024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.19	257.7	Pg	09:25:37.772	0.6					T__		294.7		---	ML	1.3 179179	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	257.7	Lg	09:25:40.224	-0.1					T__				---		179180	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KECS	0.23	256.6	Pg	09:25:38.149	0.3					T__		704.7		---	ML	1.8 179182	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	256.6	Lg	09:25:41.286	-0.3					T__				---		179181	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
ABAH	0.37	130.8	Lg	09:25:46.992	-0.2					T__				---		179183	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.46	205.6	Lg	09:25:49.867	-0.5					T__				---		179184	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.88	225.4	Lg	09:26:03.417	-1.3					T__				---		179185	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.92	224.4	Pn	09:25:53.018	1.0					T__		105.4		---	ML	2.0 179188	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	224.4	Lg	09:26:04.799	-0.8					T__				---		179187	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
NIE	0.95	338.9	Lg	09:26:03.263	-1.2					T__				---		179186	FDSN	PL	--	BUD	iLoc	BHN	???	_
TRPA	1.22	108.9	Sn	09:26:13.188	-1.7					T__				---		179189	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.32	268.9	Pn	09:25:58.617	0.7					T__		37.2		---	ML	1.8 179191	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.32	268.9	Sn	09:26:16.032	-1.6					T__				---		179190	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/02 10:16:38.93 4.04 0.54 48.8633 21.0935 30.7 8.8 89 0.0f 6 4 250 0.52 0.83 sx BUD 18001026 BUD 340

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.52	225.2	Pg	10:16:49.673	0.4					T__		95.2		---	ML	1.7 179214	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	225.2	Lg	10:16:57.356	0.2					T__				---		179216	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
KECS	0.55	226.9	Pg	10:16:49.865	-0.2					T__		80.3		---	ML	1.7 179215	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.55	226.9	Lg	10:16:58.280	-0.1					T__				---		179217	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
NIE	0.76	317.1	Lg	10:17:03.971	-0.2					T__				---		179218	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	0.83	207.2	Lg	10:17:08.093	-0.8					T__				---		179219	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/02 11:16:35.49 0.97 0.59 46.1055 18.0610 5.9 3.7 137 0.0f 9 5 119 0.03 1.12 sx BUD 18001028 BUD 219

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.3 4 BUD 18001028

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

KOVH	0.03	122.4	Pg	11:16:37.216	0.4	T__	1153.6	_c_ ML	1.5	179256	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	122.4	Lg	11:16:38.068	-0.2	T__		---		179258	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1)														
				(Station ML: 1.5 magdef=1)														
A273A	0.25	222.1	Pg	11:16:41.323	0.2	T__	506.7	___ ML	1.7	179262	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.25	222.1	Lg	11:16:44.645	-0.4	T__		---		179263	FDSN	Z3	00	BUD	iLoc	HHN	???	_
				(Reading ML: 1.7 magdef=1)														
				(Station ML: 1.7 magdef=1)														
MORH	0.42	74.7	Pg	11:16:44.585	0.3	T__	69.6	___ ML	1.3	179259	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.42	74.7	Lg	11:16:50.138	-1.0	T__		---		179264	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.3 magdef=1)														
				(Station ML: 1.3 magdef=1)														
A266A	0.44	18.5	Pg	11:16:45.082	0.2	T__	443.9	___ ML	2.2	179260	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.44	18.5	Lg	11:16:52.037	0.0	T__		---		179261	FDSN	Z3	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.2 magdef=1)														
				(Station ML: 2.2 magdef=1)														
MPLH	1.12	341.5	Sn	11:17:13.384	-0.7	T__		---		179257	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
2022/03/02	11:21:53.93	0.99	0.93	48.5871	20.8075	4.7	4.2	18	0.0f		14	8	156	0.20	1.31		sx BUD	18001030	BUD			228

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	18001030

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.20	243.0	Pg	11:21:58.609	0.5					T__		253.6		___	ML	1.3	179303	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	243.0	Lg	11:22:01.957	0.5					T__				---		179304	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=0)																					
KECS	0.24	244.2	Pg	11:21:59.140	0.3					T__		652.1		___	ML	1.8	179302	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	244.2	Lg	11:22:02.469	-0.2					T__				---		179301	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ABAH	0.41	135.2	Pg	11:22:02.560	0.2					T__		120.1		___	ML	1.5	179305	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	135.2	Lg	11:22:09.548	0.1					T__				---		179306	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
HU02A	0.50	202.2	Pg	11:22:04.682	0.2					T__		76.6		___	ML	1.6	179300	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	202.2	Lg	11:22:12.365	-0.2					T__				---		179309	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
NIE	0.90	338.3	Pg	11:22:11.350	0.5					T__		48.7		___	ML	1.7	179311	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.90	338.3	Lg	11:22:22.180	-1.4					T__				---		179310	FDSN	PL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
PSZ	0.91	222.7	Pn	11:22:13.445	0.5					T__		106.2		___	ML	2.0	179307	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.91	222.7	Lg	11:22:25.006	-1.6					T__				---		179312	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=0)																					
ET1H	0.95	221.8	Lg	11:22:26.532	-1.0					T__				---		179313	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.31	266.7	Sn	11:22:36.621	-1.7					T__				---		179308	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  
 2022/03/03 01:28:54.62 1.76 1.72 45.5099 16.0230 12.9 7.7 41 13.0f 12 10 176 0.32 1.96 ke BUD 18001036 BUD 240

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.32	355.5	Lg	01:29:06.260	0.2					T__						179933	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.40	354.5	Pg	01:29:01.900	-1.1					T__		66.2			ML	1.2	179928	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.40	354.5	Lg	01:29:08.760	-0.5					T__						179934	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
CRES	0.51	308.7	Lg	01:29:13.388	1.0					T__						179929	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOGS	0.95	9.5	Pg	01:29:13.553	1.1					T__		82.1			ML	1.9	179926	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.95	9.5	Lg	01:29:26.859	1.4					T__						179935	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
BEHE	1.09	28.4	Sn	01:29:31.104	1.0					T__						179936	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A264A	1.10	53.3	Lg	01:29:30.165	0.4					T__						179927	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BLY	1.12	132.4	Lg	01:29:30.082	0.3					T__						179932	FDSN	MN	--	BUD	iLoc	HHN	???	_	
OBKA	1.43	314.7	Sn	01:29:42.727	3.4					T__						179931	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KOVH	1.56	67.6	Lg	01:29:43.123	-1.2					T__						179937	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.96	68.0	Sn	01:29:53.471	2.5					T__						179930	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  
 2022/03/03 07:28:23.58 3.36 0.82 48.0885 16.1784 23.7 6.3 11 0.0f 5 3 274 0.27 0.48 sx BUD 18001038 BUD 339

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.4 3 BUD 18001038

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.27	233.1	Pg	07:28:29.462	0.4					T__		83.9			ML	1.0	179956	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	233.1	Lg	07:28:31.900	-0.9					T__						179957	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
RONA	0.40	168.4	Pg	07:28:32.190	0.5					T__		62.8			ML	1.2	179959	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.40	168.4	Lg	07:28:37.190	0.0					T__						179958	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
SOP	0.48	147.6	Pg	07:28:33.078	-0.2					T__		91.7			ML	1.6	179960	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/03 08:46:45.75 1.40 0.75 48.6162 19.9479 9.9 5.2 176 0.0f 8 6 205 0.38 0.75 sx BUD 18001040 BUD 282

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.38	110.2	Pg	08:46:54.111	0.6					T__		82.4			ML	1.3	180032	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_

KECS	0.38	110.2	Lg	08:46:58.853	-0.5	T__									180034	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
JOS	0.41	106.8	Pg	08:46:54.462	0.4	T__					51.3		ML	1.2	180031	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.41	106.8	Lg	08:46:59.503	-0.9	T__									180035	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																							
(Station ML: 1.2 magdef=1)																							
HU02A	0.63	141.9	Lg	08:47:07.862	-0.8	T__									180036	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.70	182.9	Lg	08:47:11.112	-0.2	T__									180037	FDSN	GE	--	BUD	iLoc	HHE	???	_
ET1H	0.74	184.0	Lg	08:47:12.273	0.0	T__									180038	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	0.75	261.0	Lg	08:47:11.156	-0.7	T__									180033	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
2022/03/03	08:55:06.21	1.25	1.16	47.4049	18.3717	11.7	3.9	135	0.0f		13	11	106	0.09	1.33	sx	BUD	18001042	BUD			123

Magnitude Err Nsta Author OrigID

Sta	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	241.1	Pg	08:55:08.991	0.4					T__		1602.5		_c_	ML	1.7	180088	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	241.1	Lg	08:55:10.355	-0.6					T__						180091	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU09A	0.23	1.8	Lg	08:55:15.632	-0.3					T__						180092	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.31	275.1	Lg	08:55:17.087	-1.2					T__						180093	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.61	247.8	Pg	08:55:19.939	1.1					T__		101.9		_c_	ML	1.8	180089	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.61	247.8	Lg	08:55:27.299	-0.9					T__						180099	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU10A	0.62	44.6	Lg	08:55:28.231	-1.2					T__						180094	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.12	64.4	Sn	08:55:44.004	-1.3					T__						180095	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.13	15.8	Lg	08:55:46.014	0.3					T__						180100	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
PSZ	1.15	62.9	Sn	08:55:44.980	-1.6					T__						180096	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.20	171.0	Sn	08:55:45.238	-1.8					T__						180090	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.22	323.2	Sn	08:55:47.880	-0.3					T__						180097	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.33	188.2	Sn	08:55:50.011	-0.2					T__						180098	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
2022/03/03	09:09:56.02	1.13	0.97	47.8532	19.8225	13.8	5.0	151	0.0f		10	8	181	0.04	1.17	sx	BUD	18001044	BUD			204

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ET1H	0.04	51.7	Pg	09:09:57.975	0.5					T__		1617.4		_c_	ML	1.6	180125	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.04	51.7	Lg	09:09:58.776	-0.1					T__						180127	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.08	36.6	Pg	09:09:58.987	0.5					T__		1245.9		_c_	ML	1.6	180124	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.08	36.6	Lg	09:09:59.809	-0.9					T__						180128	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

HU10A	0.54	269.4	Lg	09:10:15.471	-0.8				T__						180129	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.54	60.0	Lg	09:10:15.743	-0.6				T__						180126	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.77	34.9	Lg	09:10:22.909	-0.3				T__						180130	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.80	36.5	Lg	09:10:24.479	0.3				T__						180131	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
ABAH	1.05	64.5	Lg	09:10:31.173	-2.0				T__						180133	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	1.17	245.7	Sn	09:10:36.049	-0.2				T__						180132	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
2022/03/03	09:22:00.92	0.98	1.11	48.4138	17.2918	8.6	3.4	111	0.0f		7	5	164	0.04	1.07	sx	BUD	18001046	BUD			235

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.04	193.4	Pg	09:22:02.644	0.2					T__						180153	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.04	193.4	Lg	09:22:03.411	-0.6					T__						180155	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.51	29.3	Pg	09:22:12.479	0.8					T__	164.0			ML	1.9	180154	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.51	29.3	Lg	09:22:18.433	-1.5					T__						180158	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
KRUC	0.88	317.9	Lg	09:22:29.700	-1.1					T__						180159	FDSN	CZ	--	BUD	iLoc	HHN	???	_
RONA	0.98	223.4	Pg	09:22:20.884	0.6					T__	74.2			ML	1.9	180156	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
CONA	1.07	243.6	Lg	09:22:36.241	0.2					T__						180157	FDSN	OE	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/03	09:29:36.38	4.00	0.13	48.7138	21.0555	22.9	17.7	27	0.0f		5	3	332	0.41	0.69	sx	BUD	18001048	BUD			358

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.41	237.7	Pg	09:29:44.545	-0.0					T__	64.9			ML	1.2	180179	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.41	237.7	Lg	09:29:50.933	0.1					T__						180180	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
KECS	0.44	238.8	Lg	09:29:52.066	-0.0					T__						180178	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	0.69	211.0	Pg	09:29:50.743	0.0					T__	67.4			ML	1.7	180177	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.69	211.0	Lg	09:30:01.347	-0.1					T__						180181	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/03	09:57:34.10	0.98	1.27	48.7127	17.7910	5.3	3.7	94	0.0f		14	10	104	0.17	1.84	sx	BUD	18001050	BUD			124

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	18001050

Sta	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	0.17	331.5	Pg	09:57:38.181	0.1					T__		614.8			ML	1.6	180210	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_



JAVC	0.17	331.5	Lg	09:57:39.710	-1.6	T__	---	180216	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																		
(Station ML: 1.6 magdef=1)																		
MODS	0.48	225.4	Pg	09:57:44.462	0.3	T__	---	180209	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.48	225.4	Lg	09:57:50.661	-1.3	T__	---	180217	FDSN	SK	--	BUD	iLoc	HHN	???	_		
VYHS	0.73	107.1	Lg	09:57:58.760	-0.7	T__	---	180218	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	0.99	291.3	Lg	09:58:06.894	-0.5	T__	---	180211	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
VRAC	0.99	307.5	Pg	09:57:54.029	1.2	T__	---	ML	1.4	180213	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.99	307.5	Lg	09:58:06.922	-0.4	T__	---	180212	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																		
(Station ML: 1.4 magdef=1)																		
MORC	1.08	351.4	Pn	09:57:56.319	0.4	T__	---	ML	2.1	180214	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.08	351.4	Lg	09:58:09.460	0.2	T__	---	180219	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1)																		
(Station ML: 2.1 magdef=1)																		
RONA	1.42	225.2	Lg	09:58:20.546	-0.0	T__	---	180220	FDSN	OE	--	BUD	iLoc	HHN	???	_		
CONA	1.51	239.4	Lg	09:58:22.913	-0.2	T__	---	180221	FDSN	OE	--	BUD	iLoc	HHN	???	_		
ET1H	1.62	120.2	Sn	09:58:26.479	0.3	T__	---	180215	FDSN	HU	--	BUD	iLoc	HHN	???	_		
JOS	1.84	95.8	Sn	09:58:34.955	3.3	T__	---	180222	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/03	10:05:45.03	0.65	0.23	47.7994	19.1280	9.7	3.3	12	0.0A	0.0	16	8	221	0.09	1.17	m	kx	BUD	18001052	BUD		360
2022/03/03	10:05:43.81	0.85	0.94	47.8327	19.1394f				0.0f		16	8	194	0.08	1.15		kx	BUD_GT	18001053	BUD_GT		258
(locality : Sejce-Vac Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	8 BUD	18001053

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	10:05:46.859	0.9					T__		962.0		---	ML	1.5	180288	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	10:05:47.644	-0.3					T__				---		180291	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU03A	0.32	76.9	Pg	10:05:51.264	0.5					T__		184.9		---	ML	1.5	180293	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	10:05:55.603	-0.4					T__				---		180292	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.50	84.3	Pg	10:05:54.736	0.2					T__		74.9		---	ML	1.6	180294	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	10:06:01.513	-0.7					T__				---		180295	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.52	80.1	Pg	10:05:55.074	0.0					T__		70.1		---	ML	1.6	180299	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	10:06:01.739	-1.6					T__				---		180296	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.69	343.1	Pg	10:05:58.558	0.6					T__		22.8		---	ML	1.2	180301	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	10:06:08.055	-0.2					T__				---		180300	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU02A	0.98	72.2	Pn	10:06:04.172	0.4					T__		54.8		---	ML	1.8	180302	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	10:06:17.107	-2.3					T__				---		180297	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 1.11 53.7 Pn 10:06:06.405 0.8 T__ 87.6 ___ ML 2.1 180303 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.11 53.7 Sn 10:06:21.654 -1.1 T__ ___ 180298 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 1.15 54.2 Pn 10:06:06.776 0.7 T__ 55.3 ___ ML 1.9 180289 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.15 54.2 Sn 10:06:22.809 -0.8 T__ ___ 180290 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/03	10:38:14.40	1.12	0.95	48.5221	20.8068	5.9	5.2	108	0.0f	13	8	148	0.18	1.31	sx	BUD	18001054	BUD				225

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 18001054

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 261.7 Pg 10:38:18.512 0.3 T__ 392.8 ___ ML 1.4 180344 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 261.7 Lg 10:38:21.200 -0.0 T__ ___ 180346 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.22 259.8 Pg 10:38:18.968 0.0 T__ 1062.3 ___ ML 1.9 180348 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.22 259.8 Lg 10:38:22.604 0.1 T__ ___ 180347 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.37 127.9 Lg 10:38:27.976 -0.5 T__ ___ 180349 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.44 205.3 Lg 10:38:30.952 -0.1 T__ ___ 180350 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.86 225.6 Pg 10:38:33.348 0.8 T__ 83.3 ___ ML 1.9 180352 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.86 225.6 Lg 10:38:44.423 -1.0 T__ ___ 180351 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.90 224.6 Lg 10:38:45.580 -0.8 T__ ___ 180355 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.96 339.8 Pg 10:38:33.183 0.7 T__ ___ 180353 FDSN PL -- BUD iLoc BHZ ??? _
NIE 0.96 339.8 Lg 10:38:44.423 -1.7 T__ ___ 180354 FDSN PL -- BUD iLoc BHN ??? _
VYHS 1.31 269.5 Pn 10:38:39.669 0.6 T__ 25.0 ___ ML 1.6 180345 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.31 269.5 Sn 10:38:56.985 -1.7 T__ ___ 180356 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/03	14:35:14.46	1.03	1.11	48.9367	17.7322	5.2	4.6	167	0.0f	8	6	129	0.09	1.52	sx	BUD	18001058	BUD				215

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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
JAVC 0.09 207.6 Pg 14:35:16.859 0.1 T__ 795.0 ___ ML 1.4 180429 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.09 207.6 Lg 14:35:18.367 -0.5 T__ ___ 180431 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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MODS	0.64	208.3	Lg	14:35:36.611	-0.9	T__									180432	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORC	0.85	351.7	Lg	14:35:40.613	-1.6	T__									180433	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.85	120.8	Pg	14:35:32.190	0.5	T__				24.0				ML	1.4	180430	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.85	120.8	Lg	14:35:44.008	-0.0	T__									180434	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
KRUC	0.89	278.6	Lg	14:35:45.900	1.4	T__									180435	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
TREC	1.52	284.5	Lg	14:36:03.939	0.3	T__									180436	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/04	08:32:30.58	0.99	0.90	48.5026	17.5254	7.1	3.5	132	0.0f		7	5	141	0.21	1.25	sx	BUD	18001060	BUD			217

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.21	232.1	Pg	08:32:35.515	0.1					T__						180482	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.21	232.1	Lg	08:32:37.863	-1.4					T__						180481	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.37	15.1	Pg	08:32:38.347	-0.2					T__		147.1			ML	1.5	180477	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	15.1	Lg	08:32:44.710	-0.0					T__						180479	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
VYHS	0.87	90.1	Lg	08:33:01.145	0.3					T__						180480	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.93	307.2	Lg	08:33:02.620	0.4					T__						180483	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.25	243.3	Lg	08:33:12.307	0.9					T__						180478	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/04	08:49:15.58	0.88	1.01	48.4875	19.3699	5.8	3.3	12	0.0f		15	10	106	0.36	1.26	sx	BUD	18001062	BUD			160

Magnitude Err Nsta Author OrigID  
ML 1.8 0.0 5 BUD 18001062

Sta	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	271.2	Pg	08:49:23.677	0.7					T__		33.4			ML	0.8	180542	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.36	271.2	Lg	08:49:28.363	-0.0					T__						180544	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
HU03A	0.60	165.2	Lg	08:49:37.289	-0.1					T__						180545	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.67	148.2	Lg	08:49:38.942	-1.2					T__						180546	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.70	151.0	Lg	08:49:40.595	-0.0					T__						180547	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.74	89.9	Lg	08:49:41.338	-0.2					T__						180548	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.78	89.0	Pg	08:49:31.487	0.5					T__		63.2			ML	1.7	180540	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	89.0	Lg	08:49:42.495	-0.2					T__						180549	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.85	114.9	Pg	08:49:33.016	-0.2					T__		61.9			ML	1.8	180541	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.85	114.9	Lg	08:49:45.471	-0.9					T__						180550	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	1.12	33.0	Pn	08:49:38.966	1.2					T__		54.7			ML	1.9	180543	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.12	33.0	Lg	08:49:52.743	-0.1					T__						180551	FDSN	PL	--	BUD	iLoc	BHN	???	_	

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JAVC 1.19 288.9 Pn 08:49:38.942 0.0 T__ 104.4 ___ ML 2.2 180553 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.19 288.9 Lg 08:49:54.727 -2.8 T__ ___ 180552 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ABAH 1.26 98.0 Sn 08:49:58.280 0.2 T__ ___ 180554 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
2022/03/04 09:01:48.76 0.84 1.18 48.4156 19.1322 4.3 3.0 16 0.0f 21 13 101 0.21 1.28 sx BUD 18001064 BUD 149

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 8 BUD 18001064

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Sta 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 0.21 291.8 Pg 09:01:54.019 0.7 T__ 277.5 ___ ML 1.3 180604 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.21 291.8 Lg 09:01:56.912 0.1 T__ ___ 180609 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU10A 0.58 187.6 Pg 09:02:02.004 1.3 T__ 151.5 ___ ML 2.0 180605 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.58 187.6 Lg 09:02:09.194 -0.8 T__ ___ 180610 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU03A 0.60 148.4 Lg 09:02:09.651 -0.8 T__ ___ 180611 FDSN ZJ 00 BUD iLoc HHN ??? _
A338A 0.66 232.8 Lg 09:02:12.016 -0.9 T__ ___ 180612 FDSN Z3 00 BUD iLoc HH2 ??? _
PSZ 0.71 134.0 Pg 09:02:04.325 0.4 T__ 66.5 ___ ML 1.7 180614 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.71 134.0 Lg 09:02:13.333 -1.5 T__ ___ 180613 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.73 137.1 Pg 09:02:05.236 1.1 T__ 66.1 ___ ML 1.7 180606 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.73 137.1 Lg 09:02:13.997 -1.0 T__ ___ 180615 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.90 85.2 Pg 09:02:08.161 1.4 T__ 92.0 ___ ML 2.0 180602 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.90 85.2 Lg 09:02:19.152 -1.1 T__ ___ 180616 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 0.94 84.6 Pg 09:02:08.842 1.5 T__ 57.4 ___ ML 1.8 180603 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.94 84.6 Lg 09:02:20.413 -1.0 T__ ___ 180617 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.98 107.0 Pn 09:02:09.400 0.6 T__ 78.6 ___ ML 1.9 180601 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 107.0 Lg 09:02:21.632 -1.9 T__ ___ 180618 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JAVC 1.07 295.1 Pg 09:02:10.332 -0.1 T__ 86.4 ___ ML 2.0 180607 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.07 295.1 Lg 09:02:24.878 -1.7 T__ ___ 180619 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
MODS 1.24 268.7 Sn 09:02:30.054 -1.4 T__ ___ 180620 FDSN SK -- BUD iLoc HHE ??? _
NIE 1.26 37.1 Lg 09:02:30.467 -0.4 T__ ___ 180608 FDSN PL -- BUD iLoc BHN ??? _
HU08A 1.28 220.0 Sn 09:02:31.411 -0.5 T__ ___ 180621 FDSN ZJ 00 BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/04	11:10:10.47	0.84	1.21	47.9115	19.4096	6.7	2.4	171	0.0f	20	12	139	0.13	1.62	sx	BUD	18001066	BUD				153

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	8 BUD	18001066

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.13	93.4	Pg	11:10:14.507	0.9					T__		2054.5		___	ML	2.0	180678	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	93.4	Lg	11:10:16.235	0.1					T__				---		180679	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
HU10A	0.27	256.0	Pg	11:10:16.859	0.4					T__		607.4		---	ML	1.8	180675	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.27	256.0	Lg	11:10:20.484	-0.8					T__				---		180680	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ET1H	0.31	95.8	Pg	11:10:17.438	0.0					T__		137.3		---	ML	1.3	180672	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	95.8	Lg	11:10:22.164	-0.4					T__				---		180681	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=0)																					
PSZ	0.33	88.6	Pg	11:10:17.727	-0.1					T__		199.9		---	ML	1.5	180673	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	88.6	Lg	11:10:22.771	-0.7					T__				---		180682	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
VYHS	0.70	326.9	Lg	11:10:34.304	-0.8					T__				---		180683	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU09A	0.74	248.9	Pg	11:10:27.483	2.0					T__		253.3		---	ML	2.3	180677	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.74	248.9	Lg	11:10:35.892	-1.9					T__				---		180684	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=1)																					
HU02A	0.78	73.9	Pg	11:10:26.404	-0.3					T__		60.2		---	ML	1.7	180674	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	73.9	Lg	11:10:37.479	-1.4					T__				---		180685	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
KECS	0.92	51.1	Pg	11:10:29.421	0.6					T__		97.6		---	ML	2.0	180676	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.92	51.1	Lg	11:10:42.149	-0.5					T__				---		180686	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
CSKK	0.95	235.2	Lg	11:10:42.896	-1.9					T__				---		180687	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ABAH	1.29	71.9	Sn	11:10:54.008	0.6					T__				---		180688	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JAVC	1.50	309.9	Pn	11:10:40.561	2.5					T__		138.4		---	ML	2.5	180690	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.50	309.9	Sn	11:10:59.238	-0.9					T__				---		180689	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.5 magdef=1)																					
				(Station ML: 2.5 magdef=0)																					
NIE	1.62	21.0	Sn	11:11:03.440	0.8					T__				---		180691	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
2022/03/04	12:01:19.34	2.36	0.89	48.6849	18.7845	17.9	6.9	124	0.0f	12	7	243	0.19	1.29	sx	BUD	18001068	BUD				288

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	18001068

Sta	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	0.19	169.8	Pg	12:01:23.057	-0.4					T__		89.6		---	ML	0.8	180740	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.19	169.8	Lg	12:01:27.603	1.0					T__				---		180739	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
PSZ	1.07	135.6	Pn	12:01:41.652	0.8					T__		84.4		---	ML	2.0	180736	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	1.09	137.6	Pn	12:01:42.066	1.2					T__		59.1		---	ML	1.9	180737	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.09	137.6	Sn	12:01:56.611	-1.2					T__				---		180738	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	1.15	99.5	Pn	12:01:41.157	-0.6					T__		109.9		---	ML	2.2	180735	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.15	99.5	Lg	12:01:58.016	-0.4					T__				---		180734	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	1.18	98.6	Pn	12:01:41.322	-0.8					T__		52.6		---	ML	1.9	180732	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.18	98.6	Lg	12:01:59.834	0.4					T__				---		180733	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
NIE	1.24	53.1	Lg	12:02:01.159	0.9					T__				---		180743	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	1.29	115.2	Pn	12:01:43.677	-0.1					T__		56.3		---	ML	2.0	180742	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.29	115.2	Sn	12:02:03.347	0.2					T__				---		180741	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/05	09:00:42.39	0.96	0.78	46.1574	18.2846	5.8	3.4	155	0.0f		10	6	164	0.15	1.14	sx	BUD	18001074	BUD			231

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	18001074

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	241.8	Pg	09:00:46.408	0.4					T__		406.2		---	ML	1.3	180976	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	241.8	Lg	09:00:47.798	-1.1					T__				---		180981	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.26	76.9	Pg	09:00:48.310	0.2					T__		210.4		---	ML	1.3	180978	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.26	76.9	Lg	09:00:52.335	-0.3					T__				---		180977	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.37	357.9	Pg	09:00:50.432	0.1					T__		297.6		---	ML	1.8	180980	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.37	357.9	Lg	09:00:56.652	0.2					T__				---		180979	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A265A	0.43	308.4	Lg	09:00:57.545	-0.6					T__				---		180982	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU22A	0.61	73.5	Lg	09:01:04.619	-0.7					T__				---		180984	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	1.14	333.4	Pn	09:01:05.543	1.2					T__		57.2		---	ML	1.9	180985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.14	333.4	Sn	09:01:20.617	-0.7					T__				---		180983	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/05	09:16:24.36	1.03	0.35	48.0068	19.6143	11.4	5.4	137	0.0A	0.0	8	4	253	0.10	0.62	m	kx BUD	18001076	BUD			360
2022/03/05	09:16:23.00	0.96	0.91	48.0061	19.6278f				0.0f		8	4	248	0.10	0.61		kx BUD_GT	18001077	BUD_GT			311

(locality : Nagyl6c Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	18001077

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.10	190.5	Pg	09:16:26.195	0.6					T__		567.4		___	ML	1.3	181015	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	09:16:27.439	-0.3					T__				---		181016	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.20	116.0	Pg	09:16:27.951	0.1					T__		334.2		___	ML	1.4	181012	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	09:16:30.439	-1.2					T__				---		181017	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.21	127.7	Pg	09:16:28.298	0.5					T__		101.7		___	ML	0.9	181013	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.21	127.7	Lg	09:16:30.951	-0.5					T__				---		181018	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
HU02A	0.61	78.7	Pg	09:16:36.932	1.1					T__		46.5		___	ML	1.5	181014	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.61	78.7	Lg	09:16:44.195	-1.5					T__				---		181019	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/05	22:02:29.81	1.04	1.00	45.5681	18.3115	7.8	4.7	117	0.0f		23	15	113	0.54	2.02		ke BUD	18001086	BUD			172

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	8 BUD	18001086

Sta	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	0.54	344.2	Pg	22:02:40.609	-0.6					T__		90.3		___	ML	1.8	181423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.54	344.2	Lg	22:02:49.536	0.3					T__				---		181433	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MORH	0.69	19.6	Pg	22:02:43.682	-0.2					T__		125.8		___	ML	2.0	181424	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.69	19.6	Lg	22:02:54.623	0.1					T__				---		181442	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A265A	0.93	337.4	Pn	22:02:48.660	-0.2					T__		179.1		___	ML	2.3	181444	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.93	337.4	Lg	22:03:01.895	0.0					T__				---		181443	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU22A	0.95	36.7	Pn	22:02:48.716	-0.3					T__		221.3		___	ML	2.4	181432	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.95	36.7	Sn	22:03:04.741	0.7					T__				---		181431	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									

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(Station ML: 2.4 magdef=0
A266A 0.96 358.1 Lg 22:03:03.804 0.4 T__
FRGS 1.13 110.7 Pn 22:02:52.981 1.2 T__ 74.6 --- ML 2.0 181435 FDSN SJ -- BUD iLoc BHZ BHZ _
FRGS 1.13 110.7 Sn 22:03:07.798 -1.1 T__ --- 181434 FDSN SJ -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BLY 1.14 224.6 Pg 22:02:51.768 -0.4 T__ 133.2 --- ML 2.3 181430 FDSN MN -- BUD iLoc HHZ HHZ _
BLY 1.14 224.6 Lg 22:03:07.134 0.7 T__ --- 181429 FDSN MN -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
HU21A 1.25 51.8 Lg 22:03:13.255 0.1 T__ --- 181436 FDSN ZJ 00 BUD iLoc HHN ??? _
A263A 1.28 327.5 Lg 22:03:12.731 0.5 T__ --- 181426 FDSN Z3 00 BUD iLoc HHN ??? _
BEHE 1.40 310.7 Lg 22:03:15.858 -0.0 T__ --- 181437 FDSN HU -- BUD iLoc HHN ??? _
A261A 1.60 330.2 Lg 22:03:21.812 -0.5 T__ --- 181445 FDSN Z3 00 BUD iLoc HHN ??? _
A261A 1.60 330.2 Sg 22:03:24.579 2.2 T__ --- 181438 FDSN Z3 00 BUD iLoc HHN ??? _
PTJ 1.68 282.5 Sn 22:03:22.966 0.6 T__ --- 181439 FDSN CR -- BUD iLoc BHN ??? _
KOGS 1.68 302.2 Pg 22:03:03.256 1.2 T__ 84.1 --- ML 2.4 181440 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 1.68 302.2 Lg 22:03:23.414 -1.1 T__ --- 181428 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
MPLH 1.69 341.8 Pg 22:03:02.121 -0.5 T__ 52.1 --- ML 2.2 181427 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
CRES 2.02 278.4 Lg 22:03:32.736 -2.6 T__ --- 181441 FDSN SL -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/07 09:47:02.15 2.24 1.37 48.4533 20.7467 13.9 9.8 78 0.0f 8 5 177 0.14 1.24 sx BUD 18001094 BUD 298

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Magnitude Err Nsta Author OrigID
ML 1.0 0.5 3 BUD 18001094

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.14 287.2 Pg 09:47:05.597 0.3 T__ 89.8 --- ML 0.7 182092 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.14 287.2 Lg 09:47:07.792 0.0 T__ --- 182086 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
KECS 0.18 279.9 Pg 09:47:05.938 0.0 T__ 148.6 --- ML 1.0 182093 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.18 279.9 Lg 09:47:08.280 -0.6 T__ --- 182087 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.78 227.1 Lg 09:47:30.347 -0.3 T__ --- 182088 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.82 225.9 Lg 09:47:31.930 0.4 T__ --- 182089 FDSN HU -- BUD iLoc HHN ??? _
TRPA 1.24 104.4 Pn 09:47:25.272 -0.4 T__ 150.6 --- ML 2.4 182091 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.24 104.4 Sn 09:47:41.516 -2.9 T__ --- 182090 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/07 10:46:18.70 1.45 1.26 48.2285 21.2475 8.8 4.7 123 0.0f 16 10 100 0.07 1.98 sx BUD 18001096 BUD 176

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Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 6 BUD 18001096

Sta	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	355.6	Pg	10:46:20.963	0.3					T__		22440.0		_c_	ML	2.8 182128	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.07	355.6	Lg	10:46:21.695	-0.8					T__				---		182133	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0)																								
HU02A	0.50	257.9	Pg	10:46:29.670	0.5					T__		76.9		---	ML	1.6 182129	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	257.9	Lg	10:46:35.963	-1.3					T__				---		182134	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																								
JOS	0.54	299.8	Pg	10:46:30.543	0.9					T__		85.9		---	ML	1.7 182135	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	299.8	Lg	10:46:37.604	-0.3					T__				---		182142	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																								
KECS	0.57	296.9	Pg	10:46:30.969	0.8					T__		126.4		---	ML	1.9 182130	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.57	296.9	Lg	10:46:38.286	-0.6					T__				---		182143	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																								
TRPA	0.87	96.0	Lg	10:46:48.634	-1.4					T__				---		182136	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.96	251.6	Pn	10:46:39.823	1.4					T__		99.4		---	ML	2.0 182131	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	251.6	Lg	10:46:51.310	-2.0					T__				---		182137	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																								
ET1H	0.99	249.8	Pn	10:46:39.658	1.0					T__		66.4		---	ML	1.9 182132	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	249.8	Lg	10:46:52.243	-1.6					T__				---		182138	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																								
NIE	1.35	332.6	Lg	10:47:02.202	-1.6					T__				---		182139	FDSN	PL	--	BUD	iLoc	BHN	???	_
VYHS	1.63	280.3	Sn	10:47:11.925	1.3					T__				---		182140	FDSN	SK	--	BUD	iLoc	HHN	???	_
SIRR	1.98	171.7	Lg	10:47:25.178	0.4					T__				---		182141	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/07 11:00:41.96 1.09 0.88 48.5381 20.7841 6.4 3.8 12 0.0f 14 8 148 0.17 1.30 sx BUD 18001098 BUD 222

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.3 6 BUD 18001098

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.17	255.5	Pg	11:00:46.126	0.6					T__		211.9		---	ML	1.1 182182	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	255.5	Lg	11:00:48.614	0.2					T__				---		182191	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																								
KECS	0.21	254.6	Pg	11:00:46.557	0.3					T__		902.6		---	ML	1.8 182183	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	254.6	Lg	11:00:49.502	-0.2					T__				---		182184	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0)																								
ABAH	0.39	128.4	Pg	11:00:50.636	0.7					T__		66.1		---	ML	1.2 182185	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	128.4	Lg	11:00:55.501	-1.3					T__				---		182192	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																								

HU02A	0.45	202.7	Pg	11:00:52.120	0.6	T__	40.8	---	ML	1.2	182186	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	202.7	Lg	11:00:58.376	-0.5	T__		---			182193	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
PSZ	0.86	224.1	Pg	11:01:00.512	0.4	T__	58.1	---	ML	1.7	182187	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	224.1	Lg	11:01:11.780	-1.2	T__		---			182194	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ET1H	0.90	223.1	Pn	11:01:00.979	0.3	T__	38.0	---	ML	1.6	182189	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	223.1	Lg	11:01:12.613	-1.3	T__		---			182188	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
NIE	0.94	340.3	Lg	11:01:11.846	-1.1	T__		---			182195	FDSN	PL	--	BUD	iLoc	BHN	???	_
VYHS	1.30	268.8	Sn	11:01:25.089	-0.8	T__		---			182190	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
2022/03/07	12:56:22.82	2.33	0.74	47.8603	20.1579	22.7	3.8	159	0.0f	9	5	232	0.19	0.69	sx	BUD	18001100	BUD				253

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	18001100

Sta	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	288.3	Pg	12:56:27.804	0.4					T__		404.6		_c	ML	1.4	182227	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.19	288.3	Lg	12:56:30.731	-0.4					T__				---		182232	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.19	275.7	Pg	12:56:27.914	0.5					T__		250.4		---	ML	1.2	182228	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	275.7	Lg	12:56:30.402	-0.5					T__				---		182231	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.36	43.1	Pg	12:56:30.951	0.3					T__		60.0		---	ML	1.1	182229	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	43.1	Lg	12:56:35.853	-1.0					T__				---		182234	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU03A	0.38	276.8	Lg	12:56:35.988	-1.1					T__				---		182233	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.69	21.7	Pg	12:56:36.819	0.3					T__		36.2		---	ML	1.4	182230	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	21.7	Lg	12:56:47.429	0.4					T__				---		182235	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/08	09:40:59.57	1.30	1.29	47.3377	18.4170	8.3	5.7	81	0.0f	11	9	111	0.11	1.27	sx	BUD	18001102	BUD					112

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	283.5	Pg	09:41:02.915	0.5					T__		2598.5		---	ML	2.0	182263	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	283.5	Lg	09:41:04.745	-0.4					T__				---		182264	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

HU09A	0.30	355.6	Lg	09:41:10.779	-0.9	T__										182265	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
A267A	0.39	173.5	Lg	09:41:13.762	-0.9	T__										182266	FDSN	Z3	00	BUD	iLoc	HNN	???	_
MPLH	0.62	254.7	Lg	09:41:20.610	-1.2	T__										182267	FDSN	HU	--	BUD	iLoc	HNN	???	_
ET1H	1.12	60.6	Sn	09:41:39.593	0.8	T__										182268	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORH	1.13	172.0	Sn	09:41:39.322	0.7	T__										182271	FDSN	HU	--	BUD	iLoc	HHE	???	_
PSZ	1.16	59.3	Sn	09:41:40.135	0.1	T__										182269	FDSN	GE	--	BUD	iLoc	HHE	???	_
VYHS	1.19	13.5	Sn	09:41:39.796	-1.1	T__										182270	FDSN	SK	--	BUD	iLoc	HHE	???	_
KOVH	1.27	190.0	Pn	09:41:25.016	1.7	T__					87.5		ML	2.1	182273	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	1.27	190.0	Sn	09:41:44.203	2.2	T__										182272	FDSN	HU	--	BUD	iLoc	HHE	???	_

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/08	09:56:15.23	2.08	0.32	48.5402	20.7817	16.4	6.3	15	0.0f		6	4	233	0.17	0.45	sx	BUD	18001104	BUD			307

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.17	254.7	Pg	09:56:18.745	-0.0					T__		382.4			ML	1.3	182292	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	254.7	Lg	09:56:21.932	0.3					T__						182293	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
KECS	0.20	253.9	Pg	09:56:19.288	-0.3					T__		1386.0			ML	2.0	182295	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	253.9	Lg	09:56:23.152	0.2					T__						182294	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
ABAH	0.39	128.5	Lg	09:56:30.406	0.3					T__						182296	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU02A	0.45	202.4	Lg	09:56:32.169	-0.0					T__						182297	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/08	10:21:18.40	1.53	0.79	47.7239	19.3980	12.3	3.4	0	0.0f		15	8	231	0.23	1.09	sx	BUD	18001106	BUD			270

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 8 BUD 18001106

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU03A	0.23	37.0	Pg	10:21:24.542	1.0					T__		270.1			ML	1.4	182331	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.23	37.0	Lg	10:21:27.728	0.3					T__						182332	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
HU10A	0.28	295.5	Pg	10:21:25.186	0.6					T__		408.8			ML	1.7	182333	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.28	295.5	Lg	10:21:28.745	-0.9					T__						182334	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
ET1H	0.35	63.9	Pg	10:21:26.271	0.0					T__		135.6			ML	1.4	182336	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.35	63.9	Lg	10:21:31.491	-0.6					T__						182335	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
PSZ	0.39	59.6	Pg	10:21:27.118	0.1					T__		115.4			ML	1.4	182337	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.39	59.6	Lg	10:21:32.949	-0.6					T__						182338	FDSN	GE	--	BUD	iLoc	HNN	???	_	

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.86 61.9 Pg 10:21:36.067 -0.1 T__ 45.3 ___ ML 1.6 182341 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.86 61.9 Lg 10:21:48.813 -0.7 T__ ___ 182342 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.86 334.2 Pg 10:21:35.999 0.1 T__ 26.7 ___ ML 1.4 182340 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.86 334.2 Lg 10:21:47.118 -1.4 T__ ___ 182339 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 1.05 43.4 Pn 10:21:40.380 1.1 T__ 92.1 ___ ML 2.0 182344 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 1.09 44.3 Pn 10:21:40.338 0.6 T__ 82.5 ___ ML 2.0 182343 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.09 44.3 Sn 10:21:55.838 -0.7 T__ ___ 182345 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/08 11:54:07.72 3.89 1.70 48.5479 21.7546 24.0 16.6 69 0.0f 7 4 327 0.43 0.92 sx BUD 18001108 BUD 336

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Magnitude Err Nsta Author OrigID
ML 1.8 0.0 3 BUD 18001108

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.43 233.9 Pg 11:54:16.847 0.4 T__ 101.6 ___ ML 1.5 182379 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.43 233.9 Lg 11:54:23.457 -0.4 T__ ___ 182378 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.81 266.8 Pg 11:54:23.694 -0.1 T__ 72.6 ___ ML 1.8 182381 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.81 266.8 Lg 11:54:36.474 0.6 T__ ___ 182382 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.85 266.1 Lg 11:54:38.508 1.3 T__ ___ 182383 FDSN SK -- BUD iLoc EHN ??? _
HU02A 0.92 243.0 Pn 11:54:24.949 -1.9 T__ 63.0 ___ ML 1.8 182380 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.92 243.0 Lg 11:54:38.891 -2.3 T__ ___ 182384 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/09 04:06:58.65 1.18 0.58 45.9754 17.2004 9.2 5.2 179 12.0f 18 10 184 0.19 1.23 ke BUD 18001112 BUD 226

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Magnitude Err Nsta Author OrigID
ML 2.0 0.2 9 BUD 18001112

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Sta 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 0.19 18.6 Pg 04:07:02.188 -1.1 T__ 309.2 _d_ ML 1.3 182486 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.19 18.6 Lg 04:07:06.234 -0.3 T__ ___ 182473 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

```

BEHE	0.58	329.4	Pn	04:07:11.267	-0.3	T__	251.6	___	ML	2.2	182474	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.58	329.4	Sn	04:07:20.642	-0.6	T__		---			182475	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.2 magdef=1															
				(Station ML: 2.2 magdef=1															
A265A	0.61	42.4	Pg	04:07:10.971	0.1	T__	264.3	___	ML	2.3	182477	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.61	42.4	Sn	04:07:21.431	-0.4	T__		---			182476	FDSN	Z3	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.3 magdef=1															
				(Station ML: 2.3 magdef=0															
KOVH	0.64	79.5	Pg	04:07:11.812	0.4	T__	58.4	___	ML	1.6	182487	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.64	79.5	Sn	04:07:22.001	-0.5	T__		---			182488	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.6 magdef=1															
				(Station ML: 1.6 magdef=1															
A263A	0.67	6.8	Pg	04:07:12.083	0.2	T__	221.6	___	ML	2.2	182490	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.67	6.8	Lg	04:07:21.631	0.6	T__		---			182489	FDSN	Z3	00	BUD	iLoc	HHE	???	_
				(Reading ML: 2.2 magdef=1															
				(Station ML: 2.2 magdef=1															
KOGS	0.81	306.0	Pg	04:07:14.277	0.0	T__	89.5	___	ML	1.9	182478	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.81	306.0	Lg	04:07:25.773	0.8	T__		---			182479	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 1.9 magdef=1															
				(Station ML: 1.9 magdef=1															
BADH	0.85	12.7	Pn	04:07:14.819	-0.4	T__	98.3	___	ML	2.0	182480	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.0 magdef=1															
				(Station ML: 2.0 magdef=1															
A266A	0.92	52.9	Lg	04:07:30.461	0.9	T__		---			182481	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MORH	1.03	76.1	Pn	04:07:17.385	-0.1	T__	56.4	___	ML	1.8	182482	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.03	76.1	Lg	04:07:33.273	-0.0	T__		---			182483	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.8 magdef=1															
				(Station ML: 1.8 magdef=1															
CRES	1.23	263.6	Pg	04:07:21.234	-0.1	T__	70.9	___	ML	2.0	182485	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.23	263.6	Sn	04:07:36.431	-0.8	T__		---			182484	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.0 magdef=1															
				(Station ML: 2.0 magdef=1															

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/03/09	10:00:00.84	1.78	0.61	48.5240	20.7647	12.5	6.2	16	0.0f		8	6	226	0.15	0.88	sx	BUD	18001114	BUD			302			
Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.15	259.4	Pg	10:00:04.095	-0.0					T__		284.6		___	ML	1.2	182526	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	259.4	Lg	10:00:07.055	0.3					T__				---		182525	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=1																					
KECS	0.19	257.7	Pg	10:00:04.884	0.0					T__	690.4		---	ML	1.7	182527	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.19	257.7	Lg	10:00:08.042	0.0					T__			---		182528	FDSN	SK	--	BUD	iLoc	EHN	???	_		
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					
ABAH	0.39	125.6	Lg	10:00:15.641	-0.1					T__			---		182529	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU02A	0.43	201.8	Lg	10:00:18.009	0.8					T__			---		182530	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.84	224.2	Lg	10:00:30.888	-0.4					T__			---		182531	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.88	223.1	Lg	10:00:31.233	-0.9					T__			---		182532	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
2022/03/09	10:56:52.29	1.10	0.55	47.7758	19.1029	15.6	4.0	23	0.0A	0.0	8	4	242	0.09	0.74	m	kx BUD	18001116	BUD			360
2022/03/09	10:56:51.18	0.93	0.46	47.8327	19.1394f				0.0f		8	4	194	0.08	0.69		kx BUD_GT	18001117	BUD_GT			258

(locality : Sejce-Vác Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	18001117

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	10:56:53.664	0.3					T__		804.8		___	ML	1.4	182577	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	10:56:54.799	-0.6					T__				___		182578	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
ET1H	0.50	84.3	Pg	10:57:01.953	0.1					T__		76.1		___	ML	1.6	182580	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	10:57:08.911	-0.7					T__				___		182579	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
PSZ	0.52	80.1	Pg	10:57:02.940	0.5					T__		76.9		___	ML	1.6	182581	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	10:57:10.243	-0.5					T__				___		182582	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
VYHS	0.69	343.1	Pn	10:57:07.628	0.3					T__		27.7		___	ML	1.3	182583	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	10:57:15.424	-0.2					T__				___		182584	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/09	12:03:12.01	3.68	0.53	48.6176	20.1798	24.8	7.0	156	0.0f		7	4	281	0.24	0.73		sx BUD	18001118	BUD			321

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.6	4 BUD	18001118

Sta	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	123.4	Pg	12:03:17.386	0.3					T__		94.1		___	ML	1.0	182614	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	123.4	Lg	12:03:20.746	-0.2					T__				___		182612	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
JOS	0.27	116.9	Pg	12:03:17.490	-0.0					T__		43.5		___	ML	0.7	182610	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.27	116.9	Lg	12:03:21.486	-0.3					T__				___		182611	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																									
HU02A	0.55	155.0	Pg	12:03:23.554	0.1					T__		43.3		___	ML	1.4	182615	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
PSZ	0.73	195.3	Pg	12:03:26.786	-0.6					T__		90.5		_c_	ML	1.9	182616	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	195.3	Lg	12:03:39.151	0.7					T__				___		182613	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/09	17:54:52.45	1.42	1.88	45.5032	16.2019	13.6	7.8	55	13.0f	8	6	164	0.36	1.53	ke	BUD	18001120	BUD				299

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZAG	0.36	335.1	Lg	17:55:03.138	-1.9					T__					182645	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.44	338.0	Pg	17:55:01.355	-0.1					T__	109.7			ML	1.6	182641	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.44	338.0	Lg	17:55:08.559	0.3					T__					182642	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
CRES	0.61	302.0	Pg	17:55:04.322	0.1					T__	88.1			ML	1.8	182646	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.61	302.0	Lg	17:55:14.480	0.8					T__					182643	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KOGS	0.95	2.0	Lg	17:55:25.539	2.5					T__					182647	FDSN	SL	--	BUD	iLoc	BHN	???	_	
BLY	1.03	137.0	Lg	17:55:24.848	-0.3					T__					182648	FDSN	MN	--	BUD	iLoc	HHN	???	_	
OBKA	1.53	311.7	Sn	17:55:42.013	2.6					T__					182644	FDSN	OE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/10	08:58:17.84	2.09	1.15	48.2221	21.2274	14.8	4.2	132	0.0f	9	6	243	0.07	0.97	sx	BUD	18001128	BUD				308

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 3 BUD 18001128

Sta	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	6.3	Pg	08:58:20.190	0.3					T__	8097.6			ML	2.4	182892	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.07	6.3	Lg	08:58:21.268	-0.6					T__					182898	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=1)																								
HU02A	0.48	258.3	Pg	08:58:28.597	0.5					T__	75.3			ML	1.5	182895	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	258.3	Lg	08:58:34.757	-1.1					T__					182894	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
JOS	0.53	301.1	Pg	08:58:29.698	1.1					T__	61.7			ML	1.6	182893	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	301.1	Lg	08:58:36.326	-0.5					T__					182899	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KECS	0.56	298.1	Lg	08:58:36.640	-1.0					T__					182900	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.94	251.7	Lg	08:58:50.245	-1.7					T__					182896	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	249.8	Lg	08:58:51.679	-0.8					T__					182897	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
2022/03/10	09:29:47.17	2.20	0.51	48.5638	20.8044	15.2	6.8	12	0.0f	8	6	243	0.19	0.93	sx	BUD	18001130	BUD				313

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.19	249.0	Pg	09:29:51.146	0.0					T__		145.0		ML	1.0	182923	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.19	249.0	Lg	09:29:54.540	0.3	T__								182927	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																						
(Station ML: 1.0 magdef=1)																						
KECS	0.23	249.3	Pg	09:29:51.855	-0.0	T__	208.3							182924	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.23	249.3	Lg	09:29:55.733	0.1	T__								182928	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.2 magdef=1)																						
(Station ML: 1.2 magdef=1)																						
ABAH	0.39	132.6	Lg	09:30:02.188	-0.0	T__								182925	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.48	203.0	Lg	09:30:05.728	0.6	T__								182929	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.89	223.6	Lg	09:30:18.343	-0.8	T__								182926	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.93	222.7	Lg	09:30:19.779	-0.3	T__								182930	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  
 2022/03/10 09:57:24.15 0.88 0.94 48.4370 19.1465 5.3 3.2 8 0.0f 15 12 103 0.21 1.40 sx BUD 18001132 BUD 151

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 3 BUD 18001132

Sta	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	285.5	Pg	09:57:29.191	0.5					T__		97.0			ML	0.9	182959	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.21	285.5	Lg	09:57:32.040	-0.2					T__						182960	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
HU10A	0.60	188.3	Lg	09:57:45.871	-0.3					T__						182964	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A338A	0.68	231.8	Lg	09:57:48.251	-0.8					T__						182965	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
PSZ	0.72	135.8	Lg	09:57:50.068	-0.5					T__						182966	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.74	138.7	Lg	09:57:50.423	-0.3					T__						182967	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.89	86.5	Lg	09:57:54.728	-0.5					T__						182968	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.93	85.9	Pg	09:57:43.383	0.8					T__	59.2				ML	1.8	182961	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.93	85.9	Lg	09:57:55.804	-0.6					T__						182969	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.97	108.4	Pn	09:57:44.846	0.7					T__	78.9				ML	1.9	182971	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.97	108.4	Lg	09:57:57.882	-1.0					T__						182970	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JAVC	1.07	293.9	Lg	09:58:01.127	-0.9					T__						182962	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
NIE	1.24	37.3	Lg	09:58:04.657	-0.8					T__						182972	FDSN	PL	--	BUD	iLoc	BHN	???	_	
MODS	1.25	267.8	Sn	09:58:05.576	-1.5					T__						182963	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	1.40	95.0	Sn	09:58:11.832	1.7					T__						182973	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  
 2022/03/10 10:56:18.52 1.52 1.03 48.8860 21.0013 9.4 7.0 57 0.0f 11 7 205 0.50 1.26 sx BUD 18001134 BUD 304

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 4 BUD 18001134

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.50	218.3	Pg	10:56:28.023	-0.4					T__		71.3			ML	1.5	183001	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	218.3	Lg	10:56:36.734	0.8					T__						183006	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	



```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.53 220.5 Lg 10:56:37.966 0.9 T__ --- 183007 FDSN SK -- BUD iLoc EHN ??? _
ABAH 0.61 164.9 Pg 10:56:31.021 0.3 T__ 98.4 --- ML 1.8 183003 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.61 164.9 Lg 10:56:39.711 -1.2 T__ --- 183008 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.70 319.4 Lg 10:56:41.769 -0.1 T__ --- 183004 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.83 202.7 Pg 10:56:35.089 -0.5 T__ 53.6 --- ML 1.7 183005 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.83 202.7 Lg 10:56:47.564 -0.7 T__ --- 183009 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 1.22 217.7 Pn 10:56:44.125 2.1 T__ 64.5 --- ML 2.0 183011 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.22 217.7 Sn 10:57:00.550 -0.1 T__ --- 183010 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.26 217.2 Sn 10:57:00.971 -0.1 T__ --- 183002 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
2022/03/10 11:05:43.86 1.13 0.74 48.7775 20.0893 9.5 4.1 80 0.0f 9 7 182 0.39 0.91 sx BUD 18001136 BUD 292

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.39 138.1 Lg 11:05:58.011 0.1 T__ --- 183038 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.41 133.2 Pg 11:05:52.403 0.3 T__ 85.1 _c_ ML 1.4 183037 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.41 133.2 Lg 11:05:58.588 0.2 T__ --- 183039 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 0.66 12.1 Pg 11:05:56.753 0.5 T__ 36.4 --- ML 1.4 183041 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.66 12.1 Lg 11:06:04.657 -1.0 T__ --- 183040 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.72 156.0 Lg 11:06:09.272 -0.6 T__ --- 183042 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.87 188.7 Lg 11:06:14.976 -0.2 T__ --- 183044 FDSN GE -- BUD iLoc HHN ??? _
ABAH 0.90 121.8 Lg 11:06:14.292 -1.1 T__ --- 183043 FDSN HU -- BUD iLoc HHN ??? _
ET1H 0.91 189.3 Lg 11:06:15.676 -0.5 T__ --- 183045 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
2022/03/10 12:35:40.59 1.56 0.79 46.1768 16.4147 12.5 6.0 127 0.0f 7 6 141 0.29 1.55 sx BUD 18001138 BUD 188

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOGS 0.29 337.3 Lg 12:35:50.826 -0.4 T__ --- 183096 FDSN SL -- BUD iLoc BHN ??? _
BEHE 0.39 40.3 Lg 12:35:54.426 -0.4 T__ --- 183097 FDSN HU -- BUD iLoc HHN ??? _
PTJ 0.41 229.2 Lg 12:35:54.243 -1.3 T__ --- 183094 FDSN CR -- BUD iLoc BHN ??? _
CRES 0.75 242.6 Pg 12:35:55.890 0.7 T__ 81.1 --- ML 1.8 183098 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.75 242.6 Lg 12:36:06.139 -0.0 T__ --- 183095 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1

```

```

(Station ML: 1.8 magdef=0
OBKA 1.33 285.1 Lg 12:36:23.343 -0.3 T__ --- 183099 FDSN OE -- BUD iLoc HHN ??? _
MORH 1.55 87.8 Sn 12:36:29.336 0.1 T__ --- 183093 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
2022/03/11 04:35:09.56 0.87 0.64 48.0242 19.9645 5.1 3.0 142 4.2 14.7 17 9 94 0.12 1.38 ke BUD 18001144 BUD 153

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.4 8 BUD 18001144

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.12 204.0 Pg 04:35:12.837 0.3 T__ 588.4 --- ML 1.4 183615 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 204.0 Lg 04:35:14.897 -0.1 T__ --- 183624 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.16 203.4 Pg 04:35:13.171 -0.0 T__ 167.6 _c_ ML 1.0 183616 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.16 203.4 Lg 04:35:15.500 -0.5 T__ --- 183617 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU03A 0.27 244.0 Pg 04:35:15.968 0.5 T__ 92.0 --- ML 1.0 183618 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.27 244.0 Lg 04:35:20.026 0.3 T__ --- 183626 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.39 75.2 Pg 04:35:17.906 0.1 T__ 54.4 --- ML 1.1 183619 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.39 75.2 Lg 04:35:23.829 -0.3 T__ --- 183627 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.58 37.0 Pg 04:35:21.794 0.7 T__ 79.8 --- ML 1.7 183620 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.58 37.0 Lg 04:35:29.621 -0.1 T__ --- 183621 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.61 38.9 Pg 04:35:21.909 0.3 T__ 63.7 --- ML 1.6 183623 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.61 38.9 Lg 04:35:30.545 -0.2 T__ --- 183622 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.89 302.4 Lg 04:35:38.626 -1.6 T__ 183628 FDSN SK -- BUD iLoc HHZ ??? _
ABAH 0.90 71.9 Pg 04:35:27.436 0.4 T__ 64.2 --- ML 1.8 183629 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.90 71.9 Lg 04:35:40.322 -0.5 T__ --- 183625 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU24A 1.38 143.5 Pn 04:35:34.190 0.1 T__ 214.5 --- ML 2.6 183630 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU24A 1.38 143.5 Lg 04:35:55.742 -0.8 T__ --- 183631 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/11 07:42:22.35 2.98 0.62 48.0246 20.6853 19.9 5.8 121 0.0f 8 5 267 0.15 0.57 sx BUD 18001146 BUD 271

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.5 3 BUD 18001146

```

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
HU02A	0.15	312.3	Pg	07:42:26.227	0.3					T__		139.9		---	ML	0.8	183666	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.15	312.3	Lg	07:42:29.050	0.1					T__				---		183672	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																										
KECS	0.48	343.9	Lg	07:42:39.318	-0.2					T__				---		183671	FDSN	SK	--	BUD	iLoc	EHE	???	_		
JOS	0.48	348.4	Pg	07:42:32.228	0.1					T__		37.6		---	ML	1.2	183667	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.48	348.4	Lg	07:42:38.798	-0.8					T__				---		183673	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																										
PSZ	0.54	259.0	Pg	07:42:34.182	0.1					T__		66.5		---	ML	1.6	183668	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.54	259.0	Lg	07:42:41.676	-1.1					T__				---		183669	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																										
ET1H	0.57	255.4	Lg	07:42:43.407	0.3					T__				---		183670	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
2022/03/11	08:16:18.85	0.82	1.34	47.6997	18.4915	4.2	2.7	147	0.0f		20	13	97	0.10	1.59	sx	BUD	18001148	BUD			126

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	7 BUD	18001148

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	230.4	Pg	08:16:21.656	0.3					T__		2100.3		---	ML	1.9	183749	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	230.4	Lg	08:16:23.016	-0.6					T__				---		183751	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
SRO	0.17	313.5	Pg	08:16:23.248	0.6					T__		2326.6		---	ML	2.1	183764	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.17	313.5	Lg	08:16:26.621	0.6					T__				---		183763	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
CSKK	0.37	205.0	Pg	08:16:26.933	0.3					T__		169.3		---	ML	1.6	183748	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.37	205.0	Lg	08:16:32.553	-0.8					T__				---		183752	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
HU10A	0.38	67.5	Pg	08:16:28.460	1.4					T__		171.1		---	ML	1.6	183762	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.38	67.5	Lg	08:16:32.822	-0.8					T__				---		183750	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
HU08A	0.47	235.3	Lg	08:16:35.683	-0.7					T__				---		183765	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.83	16.1	Lg	08:16:46.039	-1.9					T__				---		183753	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MPLH	0.84	231.0	Pg	08:16:37.360	1.7					T__		71.6		---	ML	1.8	183755	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.84	231.0	Lg	08:16:47.112	-0.9					T__				---		183754	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
ET1H	0.95	78.6	Lg	08:16:50.890	-1.9					T__				---		183766	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	0.97	76.5	Lg	08:16:51.932	-2.1					T__				---		183767	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MODS	1.06	310.1	Pn	08:16:39.508	-0.7					T__				---		183757	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.06	310.1	Lg	08:16:54.393	-2.1					T__				---		183756	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	1.43	72.1	Pn	08:16:46.721	1.6					T__		76.8		---	ML	2.2	183759	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.43	72.1	Sn	08:17:07.560	1.7					T__				---		183758	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

```

(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MORH 1.49 175.9 Pn 08:16:46.217 0.6 T__ 52.6 ___ ML 2.0 183760 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JDS 1.59 59.1 Sn 08:17:09.617 0.2 T__ ___ 183761 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/11 08:42:09.97 0.89 0.81 47.4649 18.6869 7.0 2.8 164 0.0f 14 11 96 0.23 1.40 sx BUD 18001150 BUD 164

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.5 3 BUD 18001150

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BUD 0.23 85.2 Pg 08:42:15.793 0.5 T__ 194.8 ___ ML 1.2 183808 FDSN HU -- BUD iLoc HHZ HHZ _
BUD 0.23 85.2 Lg 08:42:19.272 -0.4 T__ ___ 183807 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU09A 0.27 310.2 Lg 08:42:20.792 -0.1 T__ ___ 183809 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 0.31 250.8 Pg 08:42:16.963 0.4 T__ 397.2 ___ ML 1.8 183806 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.31 250.8 Lg 08:42:21.710 -0.6 T__ ___ 183810 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.44 30.4 Lg 08:42:26.336 -0.5 T__ ___ 183811 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.52 266.6 Lg 08:42:28.626 -0.7 T__ ___ 183812 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.83 249.7 Lg 08:42:38.605 -0.6 T__ ___ 183819 FDSN HU -- BUD iLoc HHN ??? _
ET1H 0.90 62.2 Lg 08:42:41.045 -1.4 T__ ___ 183813 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.93 60.5 Lg 08:42:42.894 -1.0 T__ ___ 183814 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.03 5.5 Lg 08:42:46.041 -0.1 T__ ___ 183815 FDSN SK -- BUD iLoc HHN ??? _
MORH 1.25 181.4 Sn 08:42:51.777 -0.2 T__ ___ 183816 FDSN HU -- BUD iLoc HHN ??? _
HU02A 1.40 61.4 Pn 08:42:37.256 1.4 T__ 67.6 ___ ML 2.1 183818 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.40 61.4 Sn 08:42:56.451 0.3 T__ ___ 183817 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/11 09:10:14.50 0.99 0.99 48.4806 17.5270 8.3 3.3 131 0.0f 8 6 138 0.20 1.30 sx BUD 18001152 BUD 212

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.20 237.3 Pg 09:10:19.157 0.1 T__ ___ 183861 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.20 237.3 Lg 09:10:21.276 -1.6 T__ ___ 183864 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.39 14.1 Pg 09:10:22.505 -0.4 T__ 98.6 ___ ML 1.4 183863 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.39 14.1 Lg 09:10:29.241 -0.2 T__ ___ 183865 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
VYHS 0.87 88.6 Lg 09:10:44.929 0.2 T__ ___ 183866 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.14 227.0 Lg 09:10:52.264 0.5 T__ ___ 183862 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.24 244.2 Lg 09:10:55.730 0.7 T__ ___ 183867 FDSN OE -- BUD iLoc HHN ??? _

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MORC	1.30	0.4	Lg	09:10:57.962	1.2				T__						183868	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/03/11	09:59:28.05	1.09	1.15	47.0710	17.9602	13.3	4.6	99	0.0f	6	5	160		0.18	0.99	sx	BUD	18001154	BUD			199			
Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.18	195.1	Pg	09:59:32.796	0.6					T__		487.2		---	ML	1.5	183884	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.18	195.1	Lg	09:59:33.915	-1.7					T__				---			183885	FDSN	HU	--	BUD	iLoc	HHZ	???	_
	(Reading ML: 1.5 magdef=1)																								
	(Station ML: 1.5 magdef=0)																								
CSKK	0.36	34.9	Lg	09:59:41.491	-0.7					T__				---			183886	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	0.36	356.1	Lg	09:59:41.796	-0.4					T__				---			183887	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
MORH	0.98	151.0	Lg	10:00:01.627	-0.3					T__				---			183888	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	0.99	174.4	Lg	10:00:02.745	0.3					T__				---			183889	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			
2022/03/11	10:44:32.18	0.83	0.58	48.4159	17.2858	4.3	3.3	118	0.0f	19	10	102		0.04	1.66	sx	BUD	18001156	BUD			157			
Magnitude	Err	Nsta	Author	OrigID																					
ML	2.0	0.2	7	BUD	18001156																				
Sta	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	187.5	Pg	10:44:33.695	-0.0					T__				_c_		183924	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	187.5	Lg	10:44:34.747	-0.5					T__				---		183925	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.51	29.8	Pg	10:44:43.011	0.1					T__		266.9		---	ML	2.1	183926	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.51	29.8	Lg	10:44:50.135	-1.1					T__				---			183931	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																								
	(Station ML: 2.1 magdef=1)																								
KRUC	0.87	318.0	Pg	10:44:49.375	0.4					T__		100.4		---	ML	2.0	183927	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.87	318.0	Lg	10:45:01.539	-0.4					T__				---			183933	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=1)																								
SOP	0.88	213.9	Lg	10:45:01.020	-0.4					T__				---			183932	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	0.98	223.2	Pg	10:44:51.941	0.4					T__				---			183928	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.98	223.2	Lg	10:45:04.106	-0.2					T__				---			183934	FDSN	OE	--	BUD	iLoc	HHN	???	_
VRAC	1.00	333.2	Pg	10:44:51.685	0.5					T__		26.5		---	ML	1.5	183929	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.00	333.2	Lg	10:45:05.132	-0.8					T__				---			183935	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.5 magdef=1)																								
	(Station ML: 1.5 magdef=0)																								
VYHS	1.04	85.1	Pg	10:44:53.892	0.8					T__		25.6		---	ML	1.5	183938	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.04	85.1	Lg	10:45:07.339	-0.7					T__				---			183937	FDSN	SK	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.5 magdef=1)																								
	(Station ML: 1.5 magdef=1)																								
CONA	1.07	243.4	Pg	10:44:53.276	-0.0					T__		77.6		---	ML	2.0	183930	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.07	243.4	Lg	10:45:06.980	-0.2					T__				---			183936	FDSN	OE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=1)																								
MORC	1.37	7.0	Pg	10:44:57.869	0.2					T__		67.1		---	ML	2.1	183940	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

MORC 1.37 7.0 Lg 10:45:17.475 0.7 T\_\_ --- 183939 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.1 magdef=1  
 (Station ML: 2.1 magdef=1  
 ARSA 1.66 226.2 Pn 10:45:03.054 0.8 T\_\_ 88.6 --- ML 2.4 183941 FDSN OE -- BUD iLoc HHZ HHZ \_  
 ARSA 1.66 226.2 Sn 10:45:24.405 0.1 T\_\_ --- 183942 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=0

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/11 11:03:33.30 2.23 1.33 47.8427 20.1659 20.5 3.9 162 0.0f 9 5 223 0.20 0.85 sx BUD 18001158 BUD 239

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.2 4 BUD 18001158

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L  
 PSZ 0.20 292.6 Pg 11:03:38.571 0.5 T\_\_ 425.3 --- ML 1.5 183976 FDSN GE -- BUD iLoc HHZ HHZ \_  
 PSZ 0.20 292.6 Lg 11:03:40.675 -1.3 T\_\_ --- 183980 FDSN GE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 ET1H 0.20 280.5 Pg 11:03:38.686 0.7 T\_\_ 271.6 --- ML 1.3 183977 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ET1H 0.20 280.5 Lg 11:03:40.791 -0.9 T\_\_ --- 183981 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 HU02A 0.37 40.6 Pg 11:03:41.464 0.1 T\_\_ 78.4 --- ML 1.2 183978 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.37 40.6 Lg 11:03:46.340 -1.3 T\_\_ --- 183982 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 JJS 0.70 20.8 Pg 11:03:49.471 2.2 T\_\_ 66.1 --- ML 1.7 183979 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JJS 0.70 20.8 Lg 11:03:57.222 -0.8 T\_\_ --- 183983 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 ABAH 0.85 57.4 Lg 11:04:03.332 -0.7 T\_\_ --- 183984 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  
 2022/03/11 11:48:17.78 1.75 0.75 47.0170 22.2107 12.4 7.2 144 0.6 7.3 16 9 116 0.84 1.86 ke BUD 18001160 BUD 126

Magnitude Err Nsta Author OrigID  
 ML 2.3 0.4 9 BUD 18001160

Sta 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 0.84 207.1 Pg 11:48:34.741 0.1 T\_\_ 52.1 --- ML 1.7 184024 FDSN RO -- BUD iLoc HHZ HHZ \_  
 SIRR 0.84 207.1 Lg 11:48:46.270 -0.9 T\_\_ --- 184038 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=0  
 CJR 1.00 107.2 Pg 11:48:37.094 -0.2 T\_\_ 347.3 --- ML 2.6 184026 FDSN RO -- BUD iLoc HHZ HHZ \_  
 CJR 1.00 107.2 Lg 11:48:52.734 0.4 T\_\_ --- 184025 FDSN RO -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.6 magdef=1  
 (Station ML: 2.6 magdef=1  
 BMR 1.09 52.6 Pn 11:48:39.066 -0.2 T\_\_ 277.0 --- ML 2.6 184027 FDSN RO -- BUD iLoc HHZ HHZ \_  
 BMR 1.09 52.6 Lg 11:48:55.191 -0.2 T\_\_ --- 184028 FDSN RO -- BUD iLoc HHE ??? \_

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(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
TRPA 1.14 11.2 Pn 11:48:39.758 0.1 T__ 117.0 ___ ML 2.2 184029 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.14 11.2 Sn 11:48:55.433 -1.7 T__ ___ 184030 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
DEV 1.23 156.9 Pn 11:48:41.661 0.5 T__ 241.5 ___ ML 2.6 184032 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 1.23 156.9 Lg 11:48:59.516 1.0 T__ ___ 184031 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
ABAH 1.44 333.2 Pn 11:48:44.118 0.4 T__ 90.4 ___ ML 2.3 184033 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
BZS 1.46 196.6 Pn 11:48:44.083 -0.2 T__ 46.3 ___ ML 2.0 184034 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.46 196.6 Sn 11:49:04.568 0.0 T__ ___ 184035 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ARCR 1.47 86.5 Pn 11:48:45.052 0.4 T__ 232.0 ___ ML 2.7 184037 FDSN RO -- BUD iLoc HHZ HHZ _
ARCR 1.47 86.5 Sn 11:49:04.775 -0.5 T__ ___ 184036 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
JOS 1.86 323.3 Pn 11:48:50.596 0.9 T__ 53.8 ___ ML 2.3 184039 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/11 12:07:27.15 0.61 0.26 47.5563 18.4377 13.0 4.1 105 0.0A 0.0 7 4 196 0.09 0.98 m kx BUD 18001162 BUD 360
2022/03/11 12:07:25.53 0.96 1.00 47.5577 18.4810f 0.0f 7 4 203 0.10 0.97 kx BUD_GT 18001163 BUD_GT 306
(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 4 BUD 18001163

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.10 320.5 Pg 12:07:28.720 0.5 T__ 1502.9 ___ ML 1.8 184101 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.10 320.5 Lg 12:07:29.593 -1.1 T__ ___ 184102 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CSKK 0.25 217.6 Pg 12:07:31.270 0.3 T__ 286.4 ___ ML 1.4 184103 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.25 217.6 Lg 12:07:34.257 -1.5 T__ ___ 184104 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SRD 0.28 336.2 Pg 12:07:32.397 0.8 T__ 772.3 ___ ML 2.0 184105 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 0.97 14.1 Pg 12:07:46.205 1.0 T__ 24.5 ___ ML 1.4 184106 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 14.1 Lg 12:07:58.603 -0.7 T__ ___ 184107 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/12	07:30:57.68	1.05	1.40	46.1336	21.3352	7.2	5.7	88	15.0f	5	3	138	0.26	0.55	ke	BUD	18001164	BUD				260

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
SIRR	0.26	59.2	Pg	07:31:04.470	0.7					T__		77.4		___	ML	0.9	184130	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
SIRR	0.26	59.2	Lg	07:31:06.858	-1.3					T__				___		184131	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1)																										
(Station ML: 0.9 magdef=1)																										
AMBH	0.48	297.3	Lg	07:31:14.124	-0.7					T__				___		184132	FDSN	HU	--	BUD	iLoc	HHE	???	_		
BZS	0.55	159.1	Pg	07:31:09.314	0.6					T__		34.4		_c_	ML	1.3	184134	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BZS	0.55	159.1	Lg	07:31:15.474	-0.9					T__				___		184133	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/12	11:39:03.14	0.90	0.79	47.0018	19.5560	5.5	3.8	121	3.8	10.1	28	17	111	0.20	1.36	ke	BUD	18001168	BUD				137

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	14 BUD	18001168

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU04A	0.20	195.8	Pg	11:39:07.060	-0.4					T__		842.6		_d_	ML	1.8	184305	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.20	195.8	Lg	11:39:10.192	-0.8					T__				___		184320	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU01A	0.35	7.3	Pg	11:39:10.851	0.1					T__		497.1		___	ML	2.0	184321	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A272A	0.48	237.8	Pg	11:39:12.873	-0.0					T__		321.6		___	ML	2.1	184316	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	0.48	237.8	Lg	11:39:20.132	-0.5					T__				___		184322	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BSZH	0.57	58.2	Pg	11:39:14.953	-0.4					T__		369.0		___	ML	2.4	184317	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
HU21A	0.68	169.8	Pg	11:39:17.551	0.8					T__		226.4		___	ML	2.2	184327	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.68	169.8	Lg	11:39:28.099	0.5					T__				___		184328	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU22A	0.73	203.6	Pg	11:39:17.474	-0.2					T__		395.4		___	ML	2.5	184323	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.73	203.6	Lg	11:39:29.332	-0.0					T__				___		184329	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
A267A	0.74	266.1	Lg	11:39:30.370	1.1					T__				___		184324	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
HU23A	0.79	36.3	Pn	11:39:19.300	-0.2					T__		365.6		___	ML	2.5	184318	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
HU03A	0.90	1.9	Pn	11:39:21.695	0.6					T__		117.4		___	ML	2.1	184310	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.90	1.9	Sn	11:39:35.047	-0.1					T__				___		184311	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									



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(Station ML: 2.1 magdef=1
ET1H 0.90 13.6 Pn 11:39:20.820 -0.3 T__ 67.9 --- ML 1.8 184309 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.90 13.6 Sn 11:39:33.863 -1.4 T__ --- 184308 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.92 336.8 Sn 11:39:35.005 -0.7 T__ --- 184325 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 0.95 13.9 Pn 11:39:21.832 -0.1 T__ 103.3 --- ML 2.0 184313 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.95 13.9 Sn 11:39:35.269 -1.4 T__ --- 184312 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CSKK 0.95 292.7 Sn 11:39:36.253 -0.4 T__ --- 184330 FDSN HU -- BUD iLoc HHN ??? _
A266A 1.01 242.3 Pn 11:39:22.658 0.2 T__ 195.0 --- ML 2.4 184319 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 1.01 242.3 Sn 11:39:36.200 -1.4 T__ --- 184326 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
MORH 1.01 219.0 Pn 11:39:22.373 -0.0 T__ 50.5 _c_ ML 1.8 184304 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.01 219.0 Sn 11:39:36.665 -0.8 T__ --- 184331 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU02A 1.30 30.0 Pn 11:39:27.693 1.0 T__ 54.5 --- ML 2.0 184307 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.30 30.0 Sn 11:39:45.414 0.5 T__ --- 184306 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOVH 1.36 228.3 Pn 11:39:28.826 1.5 T__ 68.8 --- ML 2.1 184315 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.36 228.3 Lg 11:39:48.408 -0.5 T__ --- 184314 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/13 03:41:15.98 1.08 1.03 45.9165 16.0325 5.6 4.1 113 0.0f 8 4 183 0.05 0.55 ke BUD 18001174 BUD 301

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Magnitude Err Nsta Author OrigID
ML 1.5 0.3 4 BUD 18001174

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Sta 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 0.05 258.1 Pg 03:41:17.612 0.0 T__ 595.1 --- ML 1.2 184439 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.05 258.1 Lg 03:41:18.391 -0.7 T__ --- 184440 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ZAG 0.10 199.6 Pg 03:41:18.494 0.3 T__ 1060.7 --- ML 1.6 184442 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.10 199.6 Lg 03:41:19.204 -0.8 T__ --- 184441 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CRES 0.41 257.5 Pg 03:41:24.653 0.6 T__ 73.4 --- ML 1.3 184443 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.41 257.5 Lg 03:41:30.121 0.0 T__ --- 184444 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KOGS 0.55 15.8 Pg 03:41:26.401 -0.8 T__ 87.5 --- ML 1.7 184446 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.55 15.8 Lg 03:41:36.574 1.8 T__ --- 184445 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/13	06:53:29.70	2.26	0.64	45.9032	16.0262	16.7	5.8	60	9.0f	6	3	284	0.04	0.41	ke	BUD	18001176	BUD				343

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	18001176

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.04	275.3	Pg	06:53:32.145	0.2					T__		262.9		___	ML	0.8	184470	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	275.3	Lg	06:53:33.114	-0.7					T__				---		184471	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
ZAG	0.08	199.8	Pg	06:53:32.404	0.3					T__		912.2		___	ML	1.5	184473	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	199.8	Lg	06:53:33.131	-0.7					T__				---		184472	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CRES	0.41	259.2	Pg	06:53:38.079	0.3					T__		70.3		___	ML	1.3	184474	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	259.2	Lg	06:53:43.927	0.1					T__				---		184475	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/13	11:51:43.24	1.03	0.45	45.6186	21.2645	12.0	3.8	136	5.8	20.9	9	5	110	0.25	1.29	ke	BUD	18001180	BUD				178

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.4	4 BUD	18001180

Sta	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	0.25	90.3	Pg	11:51:48.255	-0.1					T__		248.2		_d	ML	1.4	184580	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.25	90.3	Lg	11:51:52.044	-0.0					T__				---		184579	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
BANR	0.25	201.1	Pg	11:51:48.198	-0.2					T__		4529.7		_c	ML	2.7	184581	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BANR	0.25	201.1	Lg	11:51:52.766	0.5					T__				---		184574	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
SIRR	0.71	22.9	Pg	11:51:57.402	-0.1					T__		98.7		___	ML	1.9	184575	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.71	22.9	Lg	11:52:07.748	0.2					T__				---		184576	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
FRGS	1.12	246.3	Pn	11:52:04.219	-0.1					T__		58.4		___	ML	1.9	184578	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	1.12	246.3	Sn	11:52:20.205	-0.7					T__				---		184577	FDSN	SJ	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU24A	1.29	356.8	Sn	11:52:25.055	0.5					T__				---		184582	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/14	10:01:15.38	0.90	1.07	48.5120	19.3138	5.5	3.9	24	0.0f	17	10	106	0.32	1.30	sx	BUD	18001184	BUD					162

Magnitude	Err	Nsta	Author	OrigID

ML 1.7 0.1 8 BUD 18001184

Sta	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	266.9	Pg	10:01:22.676	0.7					T__		52.1		---	ML	0.9 184962	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.32	266.9	Lg	10:01:26.812	-0.1					T__				---		184963	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0)																								
HU03A	0.64	162.5	Lg	10:01:38.279	-0.0					T__				---		184964	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.71	146.6	Pg	10:01:30.910	0.4					T__		52.1		---	ML	1.6 184958	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	146.6	Lg	10:01:40.681	-0.7					T__				---		184965	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
ET1H	0.74	149.3	Pg	10:01:31.485	0.6					T__		43.5		---	ML	1.5 184966	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.74	149.3	Lg	10:01:41.470	-0.3					T__				---		184959	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
KECS	0.78	91.7	Pg	10:01:31.193	0.3					T__		138.3		---	ML	2.1 184955	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.78	91.7	Lg	10:01:42.117	-0.5					T__				---		184954	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
JOS	0.82	90.7	Pg	10:01:31.072	-0.5					T__		65.3		---	ML	1.8 184956	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.82	90.7	Lg	10:01:43.007	-0.8					T__				---		184957	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
HU02A	0.90	115.3	Pg	10:01:33.621	-0.2					T__		53.7		---	ML	1.7 184952	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	115.3	Lg	10:01:46.486	-1.2					T__				---		184953	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
NIE	1.12	35.2	Pg	10:01:37.582	1.2					T__		35.8		---	ML	1.7 184967	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
JAVC	1.14	288.3	Lg	10:01:53.264	-2.5					T__				---		184968	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ABAH	1.30	98.8	Pn	10:01:41.672	1.9					T__		68.8		---	ML	2.1 184961	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.30	98.8	Sn	10:01:59.271	0.4					T__				---		184960	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/14 11:27:14.22 1.46 0.67 48.4870 20.7921 10.3 5.8 22 0.0f 9 6 209 0.17 0.87 sx BUD 18001186 BUD 293

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.2 3 BUD 18001186

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.17	273.1	Pg	11:27:18.105	0.3					T__		122.1		---	ML	0.9 185003	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	273.1	Lg	11:27:20.492	-0.2					T__				---		185005	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								
KECS	0.20	269.1	Pg	11:27:18.530	0.0					T__		319.5		---	ML	1.4 185004	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	269.1	Lg	11:27:21.402	-0.5					T__				---		185006	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								

ABAH	0.35	122.5	Lg	11:27:27.386	-0.5	T__									185007	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.41	206.1	Lg	11:27:30.215	0.6	T__									185008	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.83	226.9	Lg	11:27:43.406	-0.8	T__									185009	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.87	225.7	Pn	11:27:33.485	1.0	T__				35.2			ML	1.5	185011	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	225.7	Lg	11:27:44.732	-0.4	T__									185010	FDSN	HU	--	BUD	iLoc	HHN	???	_

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/15	00:33:22.64	0.94	0.25	47.7994	16.2431	9.6	3.9	44	11.0f	8	5	136		0.11	1.27	ke	BUD	18001190	BUD			178

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	160.2	Pg	00:33:25.923	0.1					T__					_d_	185097	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.11	160.2	Lg	00:33:27.916	-0.1					T__					---	185098	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.24	118.5	Pg	00:33:28.027	0.1					T__		50.1			ML	0.7	185101	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	118.5	Lg	00:33:31.527	-0.1					T__					---	185102	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 0.7 magdef=1  
 (Station ML: 0.7 magdef=1)

CONA	0.29	296.8	Lg	00:33:32.791	-0.3					T__					---	185103	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A008A	0.69	325.4	Pg	00:33:36.382	0.3					T__		50.5			ML	1.6	185100	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	325.4	Lg	00:33:45.404	-0.2					T__					---	185099	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

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

KRUC	1.27	4.5	Sn	00:34:02.683	-0.0					T__					---	185104	FDSN	CZ	--	BUD	iLoc	HHN	???	_
------	------	-----	----	--------------	------	--	--	--	--	-----	--	--	--	--	-----	--------	------	----	----	-----	------	-----	-----	---

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/15	01:07:44.19	1.05	1.42	47.8298	16.2740	6.9	4.5	41	0.0f	8	6	123		0.13	1.24	ke	BUD	18001192	BUD			169

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.13	173.4	Pg	01:07:46.921	-0.2					T__					_d_	185124	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.13	173.4	Lg	01:07:48.904	-0.4					T__					---	185125	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.24	127.3	Pg	01:07:49.592	0.3					T__		42.4			ML	0.6	185127	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	127.3	Lg	01:07:52.778	-0.2					T__					---	185126	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 0.6 magdef=1  
 (Station ML: 0.6 magdef=0)

CONA	0.29	289.7	Lg	01:07:54.315	-0.1					T__					---	185128	FDSN	OE	--	BUD	iLoc	HHN	???	_
A008A	0.68	322.5	Lg	01:08:06.453	-0.2					T__					---	185129	FDSN	Z3	00	BUD	iLoc	HH2	???	_
ARSA	0.77	221.6	Lg	01:08:09.932	1.1					T__					---	185130	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.24	3.7	Sn	01:08:22.677	-2.9					T__					---	185131	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/15	04:31:02.75	1.00	1.04	47.8212	16.2959	6.4	3.5	42	0.0f	9	6	124		0.12	1.24	ke	BUD	18001196	BUD			176

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.12	179.9	Pg	04:31:05.396	-0.1					T__						185175	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.12	179.9	Lg	04:31:07.398	-0.2					T__						185176	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.22	127.8	Pg	04:31:07.924	0.4					T__		43.4		---	ML	0.6	185178	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.22	127.8	Lg	04:31:10.605	-0.4					T__						185177	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.6 magdef=1)																					
				(Station ML: 0.6 magdef=1)																					
CONA	0.31	290.3	Pg	04:31:09.568	0.5					T__		52.7		---	ML	0.9	185179	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	290.3	Lg	04:31:13.068	-0.4					T__						185180	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.9 magdef=1)																					
				(Station ML: 0.9 magdef=1)																					
A008A	0.70	322.0	Lg	04:31:24.851	-0.8					T__						185181	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ARSA	0.77	222.8	Lg	04:31:28.088	0.6					T__						185182	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.24	3.0	Sn	04:31:42.178	-2.2					T__						185183	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/15	09:36:05.05	1.32	1.03	48.8878	21.0925	7.4	6.5	7	0.0f		12	9	130	0.54	1.55	sx	BUD	18001204	BUD			214

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	18001204

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.54	223.3	Lg	09:36:23.687	-0.2					T__						185359	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.57	225.0	Pg	09:36:16.405	-0.1					T__		94.5		---	ML	1.8	185354	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.57	225.0	Lg	09:36:24.811	-0.2					T__						185353	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ABAH	0.60	170.6	Pg	09:36:17.811	0.7					T__		51.9		---	ML	1.5	185355	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.60	170.6	Lg	09:36:25.731	-1.4					T__						185360	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
NIE	0.74	315.9	Lg	09:36:29.463	-0.3					T__						185356	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	0.78	86.2	Lg	09:36:31.127	-1.4					T__						185361	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.85	206.4	Pg	09:36:23.702	1.1					T__		30.8		---	ML	1.5	185357	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.85	206.4	Lg	09:36:34.261	-1.5					T__						185362	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
PSZ	1.26	219.9	Sn	09:36:47.329	-0.8					T__						185363	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.30	219.3	Sn	09:36:48.945	0.4					T__						185364	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.55	256.1	Sn	09:36:56.347	1.0					T__						185358	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
2022/03/15	10:20:20.47	0.93	1.16	48.5299	20.7808	4.6	3.6	11	0.0f		18	10	86	0.16	1.29	sx	BUD	18001206	BUD			158

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	8 BUD	18001206

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.16	258.1	Pg	10:20:23.971	0.0					T__		289.5		---	ML	1.2	185403	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	258.1	Lg	10:20:27.390	0.6					T__						185411	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.20 256.7 Pg 10:20:24.426 -0.3 T__ 684.4 --- ML 1.7 185405 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.20 256.7 Lg 10:20:28.482 0.4 T__ --- 185404 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.39 127.3 Pg 10:20:28.988 0.6 T__ 79.1 --- ML 1.3 185406 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 127.3 Lg 10:20:33.985 -1.2 T__ --- 185412 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.44 202.8 Pg 10:20:30.485 0.6 T__ 50.5 --- ML 1.2 185414 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.44 202.8 Lg 10:20:37.079 -0.0 T__ --- 185413 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.85 224.4 Pg 10:20:38.577 0.1 T__ 46.1 --- ML 1.6 185407 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.85 224.4 Lg 10:20:50.168 -1.1 T__ --- 185415 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.89 223.4 Pn 10:20:39.487 0.4 T__ 40.3 --- ML 1.6 185408 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.89 223.4 Lg 10:20:51.564 -0.6 T__ --- 185417 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 0.94 340.6 Pg 10:20:39.305 1.0 T__ 29.9 --- ML 1.5 185409 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.94 340.6 Lg 10:20:50.451 -1.3 T__ --- 185416 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOLS 1.07 67.2 Lg 10:20:54.568 -2.8 T__ --- 185418 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.24 108.2 Sn 10:21:00.787 -2.0 T__ --- 185419 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.29 269.1 Pn 10:20:44.969 0.0 T__ 11.6 --- ML 1.3 185410 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 269.1 Sn 10:21:03.216 -1.1 T__ --- 185420 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/15 12:16:20.06 0.89 0.95 48.3396 18.1343 4.8 3.7 22 0.0f 11 7 98 0.36 1.49 sx BUD 18001210 BUD 154

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 3 BUD 18001210

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
A338A 0.36 155.7 Lg 12:16:32.444 -1.2 T__ --- 185489 FDSN Z3 00 BUD iLoc HH2 ??? _
VYHS 0.49 71.5 Pg 12:16:30.874 0.7 T__ 23.5 --- ML 1.0 185490 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.49 71.5 Lg 12:16:37.140 -0.4 T__ --- 185488 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MODS 0.57 273.7 Pg 12:16:32.528 0.6 T__ --- 185485 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.57 273.7 Lg 12:16:41.085 -0.0 T__ --- 185491 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.60 329.6 Pg 12:16:32.366 -0.3 T__ 71.9 --- ML 1.7 185487 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.60 329.6 Lg 12:16:42.238 -0.0 T__ --- 185486 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK 0.98 175.0 Lg 12:16:54.877 -0.4 T__ --- 185492 FDSN HU -- BUD iLoc HHN ??? _

```

```

PSZ 1.25 109.0 Pn 12:16:45.095 1.0 T__ 41.2 ___ ML 1.8 185494 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.25 109.0 Sn 12:17:01.642 -1.6 T__ ___ 185493 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORC 1.49 345.1 Lg 12:17:07.559 -0.9 T__ ___ 185495 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/15 12:22:25.59 1.01 0.45 47.8972 16.0903 6.8 4.1 25 0.0f 7 5 88 0.16 1.18 sx BUD 18001212 BUD 158

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.16 281.5 Pg 12:22:28.907 -0.0 T__ 144.4 ___ ML 0.9 185517 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 281.5 Lg 12:22:31.496 0.1 T__ ___ 185516 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
RONA 0.24 144.8 Pg 12:22:30.647 -0.0 T__ ___ 185518 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.24 144.8 Lg 12:22:34.409 0.2 T__ ___ 185519 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.75 210.9 Lg 12:22:49.501 -0.1 T__ ___ 185520 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.93 58.6 Lg 12:22:58.692 -0.1 T__ ___ 185522 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.18 9.8 Sn 12:23:06.534 0.9 T__ ___ 185521 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/15 12:58:06.44 1.16 0.96 48.8894 20.7267 7.3 5.8 92 0.0f 14 8 122 0.41 1.16 sx BUD 18001214 BUD 236

```

Magnitude Err Nsta Author OrigID  
ML 1.6 0.0 6 BUD 18001214

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.41 197.6 Pg 12:58:15.354 0.6 T__ 122.3 ___ ML 1.5 185581 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.41 197.6 Lg 12:58:21.564 0.5 T__ ___ 185582 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.44 201.5 Pg 12:58:15.495 0.3 T__ 118.0 ___ ML 1.6 185583 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.44 201.5 Lg 12:58:21.321 -0.6 T__ ___ 185586 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 0.60 332.2 Lg 12:58:25.776 -0.6 T__ ___ 185587 FDSN PL -- BUD iLoc BHN ??? _
ABAH 0.68 150.0 Pg 12:58:20.714 0.6 T__ 47.6 ___ ML 1.6 185584 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.68 150.0 Lg 12:58:29.939 -1.5 T__ ___ 185588 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.78 190.0 Pg 12:58:23.062 0.5 T__ 33.2 ___ ML 1.5 185590 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.78 190.0 Lg 12:58:33.339 -1.2 T__ ___ 185589 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KOLS 1.02 87.0 Lg 12:58:40.619 -0.8 T__ ___ 185591 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.12 210.0 Pn 12:58:28.846 0.3 T__ 58.5 ___ ML 1.9 185585 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.12 210.0 Sn 12:58:44.625 -1.5 T__ ___ 185592 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1

```

(Station ML: 1.9 magdef=0  
 ET1H 1.16 209.7 Pn 12:58:29.183 0.3 T\_\_ 53.4 \_\_\_ ML 1.9 185594 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ET1H 1.16 209.7 Lg 12:58:45.286 -1.2 T\_\_ \_\_\_ 185593 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/16	08:38:40.17	1.21	0.67	47.9968	16.7041	10.1	5.0	127	0.0f	7	5	177	0.40	1.09	sx	BUD	18001218	BUD				233

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
RONA	0.40	222.9	Pg	08:38:48.246	-0.2					T__						185703	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.40	222.9	Lg	08:38:53.707	-0.3					T__						185705	FDSN	OE	--	BUD	iLoc	HHN	???	_		
MODS	0.54	45.3	Lg	08:39:00.257	0.1					T__						185706	FDSN	SK	--	BUD	iLoc	HHN	???	_		
CONA	0.57	263.4	Pg	08:38:51.366	-0.2					T__	84.0			___	ML	1.7	185701	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.57	263.4	Lg	08:38:59.134	-0.0					T__						185702	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																										
KRUC	1.09	349.2	Lg	08:39:17.271	0.2					T__						185707	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
ARSA	1.09	227.4	Lg	08:39:16.263	1.3					T__						185704	FDSN	OE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/16	08:54:18.67	1.73	0.78	48.5231	20.7956	10.9	5.4	26	0.0f	9	6	226	0.17	0.89	sx	BUD	18001220	BUD					303

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.0 3 BUD 18001220

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.17	261.0	Pg	08:54:22.695	0.4					T__		228.6			___	ML	1.1	185760	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	261.0	Lg	08:54:25.082	-0.2					T__						185761	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																										
KECS	0.21	259.1	Pg	08:54:23.168	0.1					T__	710.3			___	ML	1.7	185763	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.21	259.1	Lg	08:54:26.324	-0.2					T__						185762	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																										
ABAH	0.37	127.4	Lg	08:54:32.155	-0.8					T__						185764	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU02A	0.44	204.3	Pg	08:54:28.915	0.9					T__	43.7			___	ML	1.2	185766	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.44	204.3	Lg	08:54:34.418	-0.8					T__						185765	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																										
PSZ	0.85	225.2	Lg	08:54:48.418	-1.1					T__						185767	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.89	224.2	Lg	08:54:50.230	-0.2					T__						185768	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	
2022/03/16	09:27:40.23	1.00	1.05	47.3613	18.4043	5.9	4.2	137	0.0f	18	13	109	0.10	1.29	sx	BUD	18001222	BUD					111

Magnitude Err Nsta Author OrigID



ML 1.8 0.1 5 BUD 18001222

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CSKK	0.10	271.1	Pg	09:27:43.138	0.3					T__		2400.3		---	ML	2.0 185804	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	271.1	Lg	09:27:44.737	-0.6					T__				---		185805	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																								
HU09A	0.28	356.9	Lg	09:27:50.933	-0.6					T__				---		185810	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	0.33	282.3	Pg	09:27:48.118	0.7					T__		188.2		---	ML	1.5 185812	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.33	282.3	Lg	09:27:52.326	-1.0					T__				---		185811	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
A267A	0.42	172.7	Lg	09:27:55.226	-0.9					T__				---		185813	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	0.62	252.3	Lg	09:28:01.726	-0.7					T__				---		185814	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU10A	0.64	40.4	Lg	09:28:03.132	-0.9					T__				---		185815	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
EGYH	0.73	274.8	Lg	09:28:05.317	-0.8					T__				---		185816	FDSN	HU	--	BUD	iLoc	HHN	???	_
ET1H	1.12	61.9	Pn	09:28:03.369	1.3					T__		49.9		---	ML	1.8 185818	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.12	61.9	Sn	09:28:18.582	-0.8					T__				---		185817	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
PSZ	1.15	60.5	Pn	09:28:04.167	1.5					T__		55.9		---	ML	1.9 185808	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.15	60.5	Sn	09:28:19.581	-1.0					T__				---		185819	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
MORH	1.16	171.8	Sn	09:28:19.946	0.0					T__				---		185809	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.17	14.2	Pn	09:28:05.138	2.2					T__		20.6		---	ML	1.5 185807	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	14.2	Lg	09:28:19.946	-1.0					T__				---		185806	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																								
MODS	1.27	323.6	Sn	09:28:23.145	-0.3					T__				---		185820	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.29	189.4	Sn	09:28:23.225	0.0					T__				---		185821	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  
 2022/03/16 09:39:25.03 1.06 0.98 48.3198 19.8590 5.9 4.3 137 0.0f 9 6 143 0.40 0.70 sx BUD 18001224 BUD 225

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.3 3 BUD 18001224

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.40	176.6	Pg	09:39:34.698	0.8					T__		340.5		---	ML	2.0 185870	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.40	176.6	Lg	09:39:40.726	0.2					T__				---		185871	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
ET1H	0.44	178.9	Lg	09:39:40.947	-0.5					T__				---		185872	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.45	68.4	Pg	09:39:35.123	1.0					T__		440.1		---	ML	2.2 185867	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	68.4	Lg	09:39:40.524	-0.5					T__				---		185875	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
HU03A	0.45	202.8	Lg	09:39:40.989	-0.6					T__				---		185873	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.49	113.7	Pg	09:39:35.078	-0.3					T__		115.2		---	ML	1.7 185869	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	113.7	Lg	09:39:41.885	-1.4					T__				---		185868	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								

(Station ML: 1.7 magdef=1  
 VYHS 0.70 284.7 Lg 09:39:48.583 -1.1 T\_\_ --- 185874 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
2022/03/16	10:24:06.86	1.23	0.53	47.5614	18.4387	12.6	3.5	100	0.0f	6	3	195	0.09	0.97	sx	BUD	18001226	BUD				317

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	18001226

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	333.8	Pg	10:24:09.351	0.2					T__		1174.2		---	ML	1.6	185897	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	333.8	Lg	10:24:10.876	-0.5					T__				---		185898	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
CSKK	0.23	211.4	Pg	10:24:11.919	-0.1					T__		261.4		---	ML	1.4	185899	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.23	211.4	Lg	10:24:17.029	0.4					T__				---		185900	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
VYHS	0.97	15.8	Pg	10:24:26.893	0.3					T__		25.0		---	ML	1.4	185901	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	15.8	Lg	10:24:40.317	-0.5					T__				---		185902	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/16	11:02:30.97	1.18	0.80	46.1360	16.1353	10.9	3.9	112	0.0f	10	5	192	0.26	1.19	sx	BUD	18001228	BUD				227

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	5 BUD	18001228

Sta	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	0.26	207.0	Pg	11:02:36.806	0.2					T__		171.2		---	ML	1.2	185953	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.26	207.0	Lg	11:02:41.051	0.2					T__				---		185951	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0)																									
KOGS	0.32	14.3	Pg	11:02:37.777	0.0					T__		684.2		---	ML	2.0	185954	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.32	14.3	Lg	11:02:42.072	-0.4					T__				---		185955	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																									
CRES	0.57	237.0	Pg	11:02:42.223	0.3					T__		66.8		---	ML	1.6	185956	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.57	237.0	Lg	11:02:48.518	-1.7					T__				---		185957	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
OBKA	1.16	289.3	Pg	11:02:52.931	-0.1					T__		103.3		---	ML	2.2	185958	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.16	289.3	Lg	11:03:09.497	1.0					T__				---		185950	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0)																									
ARSA	1.19	339.5	Pg	11:02:54.225	0.2					T__		98.1		---	ML	2.2	185959	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.19	339.5	Lg	11:03:09.419	0.4					T__				---		185952	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/16	12:21:28.32	3.84	0.31	45.5251	17.3110	39.0	11.1	168	0.0f		6	5	230	0.53	1.33	sx	BUD	18001230	BUD			239

Magnitude Err Nsta Author OrigID

Sta	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	0.53	41.9	Lg	12:21:46.779	-0.0					T__						185984	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
KOVH	0.79	44.1	Pg	12:21:44.440	-0.1					T__		71.5			ML	1.8	185985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.79	44.1	Lg	12:21:56.033	0.3					T__						185986	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
PTJ	1.02	292.6	Lg	12:22:03.050	0.1					T__						185987	FDSN	CR	--	BUD	iLoc	BHN	???	_	
MORH	1.16	53.0	Lg	12:22:07.220	0.4					T__						185988	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CRES	1.33	283.7	Sn	12:22:12.203	-0.3					T__						185989	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
2022/03/16	20:55:36.37	1.45	1.00	45.9714	16.0627	9.6	6.2	121	8.0	14.8	7	4	184	0.09	0.49	ke	BUD	18001234	BUD			308

Magnitude Err Nsta Author OrigID  
ML 1.4 0.2 4 BUD 18001234

Sta	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	0.09	225.8	Pg	20:55:39.771	0.7					T__		404.1			_c_ ML	1.2	186040	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.09	225.8	Lg	20:55:40.661	-0.7					T__						186039	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ZAG	0.15	200.1	Pg	20:55:40.406	0.6					T__		1844.5			ML	2.0	186038	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.15	200.1	Lg	20:55:41.194	-1.1					T__						186043	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CRES	0.45	251.2	Pg	20:55:45.542	0.4					T__		54.5			ML	1.3	186041	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.45	251.2	Lg	20:55:51.313	-0.5					T__						186042	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOGS	0.49	15.2	Pg	20:55:46.483	0.2					T__		59.0			ML	1.4	186044	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/17	09:30:07.36	0.97	1.10	48.4902	17.5196	6.9	3.2	130	0.0f		10	7	137	0.20	1.29	sx	BUD	18001236	BUD			211

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.20	234.2	Pg	09:30:11.490	-0.4					T__						186071	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	234.2	Lg	09:30:14.767	-1.0					T__						186078	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.38	15.1	Pg	09:30:15.212	-0.3					T__		118.8			ML	1.4	186072	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	15.1	Lg	09:30:21.220	-0.8					T__						186073	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 0.88 89.3 Lg 09:30:38.312 0.5 T__ --- 186074 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.94 308.0 Lg 09:30:39.657 0.5 T__ --- 186075 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.14 226.5 Lg 09:30:46.273 1.6 T__ --- 186079 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.24 243.7 Pn 09:30:31.141 -0.6 T__ 86.9 --- ML 2.1 186076 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.24 243.7 Lg 09:30:48.861 1.0 T__ --- 186080 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MORC 1.29 0.7 Lg 09:30:50.789 1.5 T__ --- 186077 FDSN CZ -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/17 09:47:28.95 1.00 1.18 48.2160 21.2126 6.5 4.1 161 0.0f 17 10 154 0.08 1.61 sx BUD 18001238 BUD 205

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 6 BUD 18001238

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Sta 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 0.08 12.7 Pg 09:47:30.950 -0.2 T__ 10399.9 _c_ ML 2.5 186114 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.08 12.7 Lg 09:47:32.417 -0.8 T__ --- 186123 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
HU02A 0.47 258.7 Pg 09:47:39.527 0.6 T__ 105.5 --- ML 1.6 186115 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.47 258.7 Lg 09:47:45.424 -1.2 T__ --- 186124 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
JOS 0.53 302.2 Pg 09:47:40.236 0.6 T__ 88.9 --- ML 1.7 186116 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 302.2 Lg 09:47:47.387 -0.3 T__ --- 186125 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.55 299.1 Lg 09:47:47.940 -0.7 T__ --- 186126 FDSN SK -- BUD iLoc EHN ??? _
TRPA 0.89 95.0 Pg 09:47:46.472 0.1 T__ 119.5 --- ML 2.1 186118 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.89 95.0 Lg 09:47:59.277 -1.7 T__ --- 186117 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
PSZ 0.93 251.9 Pn 09:47:49.597 1.3 T__ 91.6 --- ML 2.0 186119 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.93 251.9 Lg 09:48:00.683 -2.0 T__ --- 186120 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 0.96 250.0 Pn 09:47:49.672 1.2 T__ 68.9 --- ML 1.9 186122 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.96 250.0 Lg 09:48:01.850 -1.3 T__ --- 186127 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 1.01 44.1 Pg 09:47:49.698 1.5 T__ --- 186121 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.01 44.1 Lg 09:48:03.170 -1.3 T__ --- 186128 FDSN SK -- BUD iLoc HHN ??? _
NIE 1.35 333.7 Lg 09:48:14.214 0.1 T__ --- 186129 FDSN PL -- BUD iLoc BHN ??? _
VYHS 1.61 280.8 Sn 09:48:21.024 0.7 T__ --- 186130 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
2022/03/17 09:59:05.13 2.31 0.99 48.4936 20.7922 15.8 6.0 116 0.0f 8 5 244 0.17 0.98 sx BUD 18001240 BUD 314

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Magnitude Err Nsta Author OrigID  
 ML 1.3 0.6 3 BUD 18001240

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.17	270.8	Pg	09:59:09.412	0.7					T__		91.4		---	ML	0.7 186161	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	270.8	Lg	09:59:11.300	-0.2					T__				---		186162	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
KECS	0.20	267.2	Pg	09:59:09.907	0.5					T__		275.0		---	ML	1.3 186160	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	267.2	Lg	09:59:12.196	-0.6					T__				---		186163	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
PSZ	0.83	226.5	Lg	09:59:34.182	-1.1					T__				---		186164	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.87	225.4	Lg	09:59:35.361	-0.8					T__				---		186165	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	0.98	340.9	Pg	09:59:24.029	0.4					T__		45.7		---	ML	1.7 186167	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.98	340.9	Lg	09:59:36.263	-1.3					T__				---		186166	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/17	14:48:58.65	0.96	0.63	47.9087	19.7881	7.4	2.7	177	0.0f		9	6	150	0.06	1.05	sx	BUD	18001242	BUD			282

Magnitude Err Nsta Author OrigID  
 ML 0.7 0.1 3 BUD 18001242

Sta	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	117.8	Pg	14:49:00.618	0.1					T__		160.3		---	ML	0.7 186228	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.06	117.8	Lg	14:49:02.360	0.1					T__				---		186225	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
PSZ	0.07	82.2	Pg	14:49:00.745	-0.2					T__		174.1		---	ML	0.7 186222	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.07	82.2	Lg	14:49:02.424	-0.6					T__				---		186223	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
HU03A	0.13	267.9	Pg	14:49:01.636	-0.1					T__		163.7		---	ML	0.9 186229	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	267.9	Lg	14:49:04.155	-0.1					T__				---		186226	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
HU02A	0.54	66.4	Lg	14:49:18.582	-0.2					T__				---		186224	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	0.77	40.3	Lg	14:49:27.028	1.2					T__				---		186227	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
ABAH	1.05	67.7	Sn	14:49:36.532	0.7					T__				---		186221	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
2022/03/17	15:32:56.10	2.76	1.06	47.7466	19.8572	16.8	5.1	166	0.0f		10	7	262	0.13	1.01	sx	BUD	18001244	BUD			281

Magnitude Err Nsta Author OrigID  
 ML 1.1 0.2 3 BUD 18001244

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

ET1H	0.13	4.1	Pg	15:33:00.326	0.9	T__	154.9	___	ML	0.9	186277	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.13	4.1	Lg	15:33:01.672	-0.5	T__		---			186283	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
PSZ	0.17	8.3	Pg	15:33:01.321	0.9	T__	205.1	___	ML	1.1	186275	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.17	8.3	Lg	15:33:02.868	-1.1	T__		---			186284	FDSN	GE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
HU03A	0.23	312.3	Pg	15:33:01.649	0.3	T__	176.4	___	ML	1.2	186276	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.23	312.3	Lg	15:33:04.805	-0.6	T__		---			186278	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
HU02A	0.59	49.8	Lg	15:33:16.603	-1.3	T__		---			186279	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
KECS	0.85	29.5	Lg	15:33:24.646	-1.3	T__		---			186280	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.88	31.1	Lg	15:33:25.955	-0.9	T__		---			186281	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
VYHS	1.01	317.9	Lg	15:33:31.412	-0.0	T__		---			186282	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
2022/03/18	05:44:02.02	1.07	0.98	47.8161	16.2867	7.1	3.7	34	0.0f		8	5	122	0.12	1.25	ke	BUD	18001246	BUD			194

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.12	176.8	Pg	05:44:04.561	-0.1					T__						186337	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.12	176.8	Lg	05:44:06.574	-0.1					T__						186338	FDSN	OE	--	BUD	iLoc	HNN	???	_	
SOP	0.23	125.8	Pg	05:44:07.170	0.3					T__	57.0			___	ML	0.7	186342	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	125.8	Lg	05:44:09.820	-0.5					T__				---		186341	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
CONA	0.31	291.6	Pg	05:44:08.536	0.2					T__	63.8			___	ML	1.0	186336	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	291.6	Lg	05:44:11.894	-0.7					T__				---		186335	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ARSA	0.77	222.7	Lg	05:44:27.329	0.8					T__				---		186339	FDSN	OE	--	BUD	iLoc	HNN	???	_	
KRUC	1.25	3.3	Sn	05:44:41.955	-1.8					T__				---		186340	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/18	08:27:12.52	0.99	0.93	46.0544	22.8741	5.4	4.8	67	0.0f		11	6	112	0.17	1.45	sx	BUD	18001250	BUD			153

Magnitude Err Nsta Author OrigID  
ML 2.0 0.2 5 BUD 18001250

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.17	173.2	Pg	08:27:15.865	0.1					T__		917.1		___	ML	1.7	186428	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.17	173.2	Lg	08:27:18.131	-0.1					T__				---		186429	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CJR	0.83	37.0	Pg	08:27:29.197	0.2					T__	201.6			___	ML	2.3	186433	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	0.83	37.0	Lg	08:27:41.092	-0.7					T__				---		186434	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.3 magdef=1)																									

```

(Station ML: 2.3 magdef=0
SIRR 0.87 284.6 Pg 08:27:30.626 0.4 T__ 104.5 --- ML 2.0 186436 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.87 284.6 Lg 08:27:41.307 -1.5 T__ --- 186432 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
LOT 0.87 133.7 Pg 08:27:29.922 0.7 T__ 149.0 --- ML 2.2 186430 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.87 133.7 Lg 08:27:41.007 -1.0 T__ --- 186435 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BZS 0.98 244.0 Pg 08:27:32.597 0.9 T__ 46.1 --- ML 1.7 186431 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.98 244.0 Lg 08:27:44.492 -1.0 T__ --- 186437 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ARCR 1.45 44.2 Sn 08:28:00.940 0.8 T__ --- 186438 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/18 09:29:38.87 1.62 1.08 48.0434 20.7414 10.1 5.7 138 0.0f 8 6 201 0.17 0.61 sx BUD 18001252 BUD 271

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.17 298.6 Pg 09:29:43.449 0.6 T__ 390.5 --- ML 1.4 186465 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.17 298.6 Lg 09:29:44.896 -1.3 T__ --- 186466 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.42 52.6 Lg 09:29:53.800 -1.1 T__ --- 186468 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.47 338.9 Lg 09:29:55.383 -0.4 T__ --- 186470 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.47 343.5 Lg 09:29:55.657 -0.1 T__ --- 186471 FDSN ZJ -- BUD iLoc HHN ??? _
PSZ 0.58 257.9 Pg 09:29:52.180 0.7 T__ 77.1 --- ML 1.7 186467 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.58 257.9 Lg 09:29:59.948 -0.7 T__ --- 186472 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.61 254.6 Lg 09:29:59.818 -1.2 T__ --- 186469 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
2022/03/18 10:41:44.41 1.05 0.82 48.8833 21.3553 9.1 4.2 157 0.0f 12 8 136 0.59 1.41 sx BUD 18001254 BUD 239

```

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 3 BUD 18001254

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.59 187.5 Lg 10:42:06.872 0.7 T__ --- 186544 FDSN HU -- BUD iLoc HHN ??? _
KOLS 0.61 84.9 Pg 10:41:56.197 0.1 T__ --- 186543 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.61 84.9 Lg 10:42:05.947 -0.1 T__ --- 186542 FDSN SK -- BUD iLoc HHN ??? _
JOS 0.67 234.7 Pg 10:41:58.098 0.5 T__ 70.6 --- ML 1.7 186548 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.67 234.7 Lg 10:42:07.080 -0.5 T__ --- 186547 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.70 235.5 Pg 10:41:58.664 0.3 T__ 95.6 --- ML 1.9 186540 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.70 235.5 Lg 10:42:08.253 -0.6 T__ --- 186549 FDSN SK -- BUD iLoc EHN ??? _

```

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 0.88 308.1 Lg 10:42:13.318 -0.1 T__
HU02A 0.94 216.3 Pg 10:42:04.005 0.3 T__ 41.9 --- ML 1.6 186541 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.94 216.3 Lg 10:42:15.859 -1.9 T__ --- 186551 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 1.37 225.8 Sn 10:42:30.114 -0.2 T__ --- 186545 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.41 225.1 Sn 10:42:31.606 0.9 T__ --- 186546 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
2022/03/18 12:01:01.48 1.55 1.02 47.9219 16.1064 14.1 4.3 31 0.0f 9 6 140 0.16 1.50 sx BUD 18001256 BUD 201

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.16 272.3 Pg 12:01:04.855 -0.1 T__ 234.7 --- ML 1.1 186575 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 272.3 Lg 12:01:07.322 -0.2 T__ --- 186576 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
RONA 0.26 150.0 Pg 12:01:06.776 -0.1 T__ --- 186577 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.26 150.0 Lg 12:01:10.387 -0.2 T__ --- 186579 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.78 210.7 Lg 12:01:26.781 0.4 T__ --- 186580 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.16 9.4 Sn 12:01:41.591 0.6 T__ --- 186578 FDSN CZ -- BUD iLoc HHE ??? _
TREC 1.43 343.6 Pn 12:01:29.728 1.4 T__ 92.5 --- ML 2.3 186582 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.43 343.6 Sn 12:01:49.149 1.6 T__ --- 186581 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CKRC 1.50 307.5 Sn 12:01:50.586 1.0 T__ --- 186583 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/18 12:22:19.08 0.93 1.15 47.1112 18.0767 5.4 3.4 86 0.0f 10 7 94 0.25 1.02 sx BUD 18001258 BUD 138

```

Magnitude Err Nsta Author OrigID  
ML 1.8 0.3 3 BUD 18001258

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
TIH 0.25 210.8 Pg 12:22:25.205 0.7 T__ 983.0 --- ML 2.0 186615 FDSN HU -- BUD iLoc HHZ HHZ _
TIH 0.25 210.8 Lg 12:22:28.118 -0.7 T__ --- 186611 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CSKK 0.28 26.4 Lg 12:22:29.302 -1.3 T__ --- 186609 FDSN HU -- BUD iLoc HHN ??? _
A267A 0.32 120.6 Lg 12:22:30.924 -0.8 T__ --- 186612 FDSN Z3 00 BUD iLoc HHN ??? _
HU08A 0.34 342.0 Pg 12:22:27.289 1.0 T__ 119.4 --- ML 1.3 186616 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.34 342.0 Lg 12:22:31.406 -0.9 T__ --- 186610 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MPLH 0.37 279.3 Lg 12:22:31.861 -1.3 T__ --- 186607 FDSN HU -- BUD iLoc HHN ??? _
MORH 0.98 156.3 Pg 12:22:39.295 0.7 T__ 53.2 --- ML 1.8 186614 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.98 156.3 Lg 12:22:52.404 -0.5 T__ --- 186613 FDSN HU -- BUD iLoc HHN ??? _

```



(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 KOVH 1.02 179.1 Lg 12:22:53.587 -1.2 T\_\_ --- 186608 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
2022/03/18	12:41:46.18	1.01	1.13	48.6089	20.2022	6.4	3.9	15	0.0f		9	7	109	0.23	0.91	sx	BUD	18001260	BUD			210

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
KECS	0.23	123.6	Lg	12:41:54.710	0.1					T__						186641	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.25	116.7	Pg	12:41:51.968	0.6					T__		80.2			ML	0.9	186640	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.25	116.7	Lg	12:41:55.003	-0.4					T__						186642	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																										
HU02A	0.53	156.0	Lg	12:42:05.416	-0.5					T__						186643	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.72	196.7	Lg	12:42:11.481	-1.0					T__						186644	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ABAH	0.76	114.0	Lg	12:42:11.714	-2.1					T__						186645	FDSN	HU	--	BUD	iLoc	HHN	???	_		
NIE	0.81	4.5	Lg	12:42:12.260	-0.8					T__						186646	FDSN	PL	--	BUD	iLoc	BHN	???	_		
VYHS	0.91	263.3	Pg	12:42:05.317	0.7					T__		19.3			ML	1.3	186648	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.91	263.3	Lg	12:42:17.212	-0.7					T__						186647	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/19	09:06:32.73	1.12	0.75	46.0974	18.3234	7.9	3.6	166	0.0f		13	10	199	0.16	1.36	sx	BUD	18001262	BUD			222

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.0 3 BUD 18001262

Sta	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	266.7	Pg	09:06:36.837	0.3					T__		646.4			_c_ ML	1.5	186675	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.16	266.7	Lg	09:06:38.900	-0.7					T__						186678	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
MORH	0.25	62.0	Pg	09:06:38.799	0.5					T__		326.8			ML	1.5	186676	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	0.25	62.0	Lg	09:06:42.319	-0.5					T__						186679	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
A266A	0.43	354.6	Pg	09:06:42.521	0.7					T__		301.3			ML	2.0	186677	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A266A	0.43	354.6	Lg	09:06:47.680	-1.1					T__						186680	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																										
A265A	0.49	312.0	Lg	09:06:49.795	-0.6					T__						186681	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
HU22A	0.61	67.4	Lg	09:06:54.505	-1.0					T__						186682	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
BEHE	1.14	289.7	Lg	09:07:11.339	0.5					T__						186683	FDSN	HU	--	BUD	iLoc	HHN	???	_		
A261A	1.18	316.9	Sn	09:07:13.342	1.0					T__						186684	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
MPLH	1.20	333.6	Sn	09:07:13.010	-0.3					T__						186685	FDSN	HU	--	BUD	iLoc	HHN	???	_		
CSKK	1.27	358.1	Sn	09:07:14.817	-0.4					T__						186686	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU08A	1.36	348.5	Sn	09:07:17.549	0.2					T__						186687	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/19	19:50:12.19	0.94	0.52	47.8200	16.2440	5.2	3.2	28	5.5	16.2	17	11	67	0.13	1.63	ke	BUD	18001268	BUD			113

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	18001268

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.13	163.6	Pg	19:50:15.070	-0.1					T__						186791	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.13	163.6	Lg	19:50:17.073	-0.2					T__						186790	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.25	122.7	Pg	19:50:17.649	0.2					T__	82.0			---	ML	0.9	186798	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	122.7	Lg	19:50:20.997	-0.1					T__				---		186794	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
CONA	0.28	293.0	Pg	19:50:17.801	-0.2					T__		62.1		---	ML	0.9	186788	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	293.0	Lg	19:50:22.414	0.4					T__				---		186789	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
A008A	0.68	324.4	Pg	19:50:25.448	0.3					T__		77.6		---	ML	1.8	186792	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	324.4	Lg	19:50:34.794	0.3					T__				---		186793	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	0.75	220.9	Pg	19:50:26.520	-0.2					T__		86.5		---	ML	1.9	186795	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.75	220.9	Lg	19:50:36.625	0.4					T__				---		186799	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
EGYH	0.84	118.3	Lg	19:50:41.080	0.2					T__				---		186801	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A019A	0.87	244.9	Lg	19:50:39.709	-0.6					T__				---		186800	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	0.89	51.0	Lg	19:50:42.707	-0.5					T__				---		186802	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.25	4.6	Pn	19:50:35.198	-0.4					T__	97.2			---	ML	2.2	186797	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.25	4.6	Sn	19:50:52.151	-0.6					T__				---		186796	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
TREC	1.56	341.5	Sn	19:51:01.404	1.2					T__				---		186803	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.63	308.5	Sn	19:51:02.904	0.4					T__				---		186804	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/20	03:16:50.04	0.76	0.84	47.9515	16.4062	3.3	3.1	66	6.0	7.8	47	30	49	0.26	2.19	ke	BUD	18001270	BUD			61

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	22 BUD	18001270

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.26	196.4	Pg	03:16:55.271	-0.3					T__						186905	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.26	196.4	Lg	03:16:59.126	-0.3					T__						186925	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.29	159.0	Pg	03:16:55.901	-0.1					T__	687.0			---	ML	1.9	186907	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.29	159.0	Lg	03:16:59.734	-0.3					T__				---		186908	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
CONA	0.37	266.6	Pg	03:16:57.537	-0.0					T__		407.2		_c_	ML	1.9	186903	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

CONA	0.37	266.6	Lg	03:17:02.968	0.3	T__			186904	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
A002B	0.43	16.9	Pg	03:16:59.935	1.3	T__	534.8	---	ML	2.2	186926	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A008A	0.66	309.9	Pg	03:17:02.786	0.2	T__	1068.3	_c	ML	2.9	186906	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.66	309.9	Lg	03:17:11.496	-0.1	T__		---			186927	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
A260A	0.70	163.0	Pg	03:17:03.798	-0.2	T__	311.8	---	ML	2.4	186911	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
MODS	0.72	53.8	Pg	03:17:04.263	-0.3	T__		---			186912	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.72	53.8	Lg	03:17:15.249	-0.2	T__		---			186928	FDSN	SK	--	BUD	iLoc	HHN	???	_
EGYH	0.82	130.2	Pg	03:17:06.427	0.0	T__	278.0	---	ML	2.4	186913	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.82	130.2	Lg	03:17:17.878	-0.3	T__		---			186929	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
ARSA	0.92	220.8	Pg	03:17:07.176	-0.7	T__	117.5	---	ML	2.1	186910	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.92	220.8	Lg	03:17:19.740	0.3	T__		---			186930	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
A337A	0.97	72.0	Pn	03:17:09.827	0.4	T__	240.3	---	ML	2.4	186933	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	0.97	72.0	Sn	03:17:23.543	-0.4	T__		---			186932	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
A019A	1.03	240.9	Pg	03:17:09.138	-0.9	T__	94.2	---	ML	2.0	186909	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	1.03	240.9	Lg	03:17:23.138	0.0	T__		---			186931	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
A262A	1.09	175.6	Pg	03:17:11.324	-0.1	T__	221.0	---	ML	2.5	186936	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	1.09	175.6	Lg	03:17:26.375	0.8	T__		---			186937	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MPLH	1.10	135.1	Sn	03:17:26.253	-0.4	T__		---			186935	FDSN	HU	--	BUD	iLoc	HHN	???	_
KRUC	1.11	359.6	Pn	03:17:10.979	-0.5	T__	205.3	---	ML	2.4	186914	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.11	359.6	Sn	03:17:26.213	-1.0	T__		---			186938	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
A261A	1.12	153.0	Sn	03:17:26.294	-0.7	T__		---			186934	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU08A	1.15	116.4	Pn	03:17:11.729	0.0	T__	88.6	---	ML	2.1	186939	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.15	116.4	Sn	03:17:28.406	0.3	T__		---			186917	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
JAVC	1.24	42.4	Sn	03:17:32.120	0.8	T__		---			186940	FDSN	CZ	--	BUD	iLoc	HHN	???	_
SRO	1.29	95.4	Pn	03:17:13.740	0.1	T__	391.6	---	ML	2.8	186919	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
A338A	1.31	86.5	Pg	03:17:16.006	-0.0	T__	203.4	---	ML	2.5	186920	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	1.31	86.5	Lg	03:17:34.527	-0.1	T__		---			186941	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			

BADH	1.36	147.3	Lg	03:17:33.961	-0.8	T__										186942	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VRAC	1.36	5.2	Pn	03:17:14.893	-0.1	T__	34.6	---	ML	1.8	186916					186942	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=0)																								
HU09A	1.37	102.5	Pn	03:17:14.307	-0.4	T__	79.2	---	ML	2.2	186923						FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
	(Reading ML: 2.2 magdef=1)																								
	(Station ML: 2.2 magdef=1)																								
CSKK	1.38	114.5	Pg	03:17:17.220	0.1	T__	78.4	---	ML	2.2	186922						FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
	(Reading ML: 2.2 magdef=1)																								
	(Station ML: 2.2 magdef=1)																								
BEHE	1.50	170.2	Lg	03:17:39.463	0.6	T__											186944	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOGS	1.51	184.1	Pn	03:17:16.977	0.1	T__	100.1	---	ML	2.3	186918						186918	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.51	184.1	Lg	03:17:38.249	-0.4	T__											186943	FDSN	SL	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.3 magdef=1)																								
	(Station ML: 2.3 magdef=1)																								
CKRC	1.65	302.7	Pg	03:17:20.183	-0.9	T__	217.4	---	ML	2.8	186915						186915	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.65	302.7	Lg	03:17:41.729	-1.6	T__											186945	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.8 magdef=1)																								
	(Station ML: 2.8 magdef=0)																								
VVHS	1.71	70.6	Pn	03:17:21.589	1.9	T__	25.4	---	ML	1.9	186924							FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=0)																								
OBKA	1.92	221.9	Pn	03:17:23.612	0.3	T__	123.6	---	ML	2.7	186921						186921	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.92	221.9	Sn	03:17:48.364	0.7	T__											186946	FDSN	OE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.7 magdef=1)																								
	(Station ML: 2.7 magdef=0)																								
PTJ	2.07	188.5	Pg	03:17:29.591	0.7	T__	89.6	---	ML	2.6	186947						186947	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	2.07	188.5	Lg	03:17:58.074	1.2	T__											186948	FDSN	CR	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.6 magdef=1)																								
	(Station ML: 2.6 magdef=1)																								
KOVH	2.19	147.5	Sn	03:17:56.334	3.4	T__											186949	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date 2022/03/21 Time 07:07:41.37 Err 3.99 RMS 0.61 Latitude 47.7351 Longitude 16.2037 Smaj 51.3 Smin 6.6 Az 25 Depth 16.4 Err Ndef 23.0 Nsta 6 Gap 4 mdist 190 Mdist 0.07 Qual 1.33 Author ke BUD OrigID 18001276 Rep BUD DPdep BUD Err Sgp 245

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.07	119.5	Pg	07:07:45.050	0.2					T__						187068	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.07	119.5	Lg	07:07:46.779	-0.6					T__						187069	FDSN	OE	--	BUD	iLoc	HHN	???	_
SOP	0.25	102.1	Lg	07:07:51.050	-0.0					T__						187070	FDSN	HU	--	BUD	iLoc	HHN	???	_
CONA	0.30	310.1	Pg	07:07:47.898	-0.2					T__	42.3					187072	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	310.1	Lg	07:07:53.338	0.6					T__						187071	FDSN	OE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 0.8 magdef=1)																							
	(Station ML: 0.8 magdef=0)																							
KRUC	1.33	5.4	Sn	07:08:21.966	-0.2					T__						187073	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date 2022/03/21 Time 07:54:59.14 Err 0.49 RMS 0.44 Latitude 47.8275 Longitude 19.1244 Smaj 9.3 Smin 2.9 Az 7 Depth 0.0A Err Ndef 0.0 Nsta 13 Gap 8 mdist 200 Mdist 0.07 Qual 1.16 m kx BUD OrigID 18001278 Rep BUD DPdep BUD Err Sgp 360  
 Date 2022/03/21 Time 07:54:57.51 Err 0.86 RMS 0.81 Latitude 47.8327 Longitude 19.1394f Az 0.0f Err Ndef 13 Nsta 8 Gap 194 mdist 0.08 Qual 1.15 kx BUD\_GT OrigID 18001279 Rep BUD\_GT DPdep BUD\_GT Err Sgp 204

(locality : Sejce-Vác Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.2 7 BUD 18001279

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
HU10A	0.08	278.8	Pg	07:55:00.523	0.8					T__		831.8		___	ML	1.4 187102	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	07:55:01.049	-0.6					T__				---		187107	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
ET1H	0.50	84.3	Pg	07:55:08.167	-0.0					T__		43.7		_d	ML	1.3 187103	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	07:55:15.703	-0.2					T__				---		187108	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																								
PSZ	0.52	80.1	Pg	07:55:08.882	0.1					T__		50.9		---	ML	1.4 187104	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	07:55:16.427	-0.6					T__				---		187109	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
A338A	0.56	289.3	Lg	07:55:17.269	-1.2					T__				---		187110	FDSN	Z3	00	BUD	iLoc	HH2	???	_
VYHS	0.69	343.1	Pg	07:55:12.311	0.7					T__		27.7		---	ML	1.3 187112	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	07:55:21.293	-0.6					T__				---		187111	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
HU02A	0.98	72.2	Pn	07:55:18.250	0.8					T__		37.3		---	ML	1.6 187106	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	07:55:31.450	-1.6					T__				---		187113	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
KECS	1.11	53.7	Pn	07:55:19.892	0.6					T__		75.7		---	ML	2.0 187114	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																								
JOS	1.15	54.2	Pn	07:55:20.397	0.6					T__		51.1		---	ML	1.8 187105	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/21 09:41:37.11 1.26 0.88 48.5366 20.7932 10.2 3.6 6 0.0f 14 9 158 0.17 1.30 sx BUD 18001280 BUD 199

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 5 BUD 18001280

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
JOS	0.17	256.5	Pg	09:41:40.863	0.1					T__		254.3		___	ML	1.2 187188	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	256.5	Lg	09:41:44.443	0.7					T__				---		187193	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
KECS	0.21	255.5	Pg	09:41:41.373	-0.2					T__		928.8		---	ML	1.9 187190	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	255.5	Lg	09:41:45.515	0.5					T__				---		187189	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
ABAH	0.38	128.8	Pg	09:41:45.429	0.4					T__		74.8		---	ML	1.2 187191	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	128.8	Lg	09:41:51.276	-0.4					T__				---		187194	FDSN	HU	--	BUD	iLoc	HHN	???	_

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.45 203.4 Lg 09:41:54.039 -0.0 T__ --- 187195 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.86 224.5 Pn 09:41:55.847 0.3 T__ 60.5 --- ML 1.8 187192 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.86 224.5 Lg 09:42:07.398 -0.9 T__ --- 187196 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.90 223.5 Lg 09:42:08.334 -0.9 T__ --- 187197 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.06 67.4 Lg 09:42:11.750 -1.9 T__ --- 187198 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.23 108.6 Pn 09:42:01.057 0.5 T__ 83.7 --- ML 2.1 187200 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.23 108.6 Sn 09:42:18.454 -0.9 T__ --- 187199 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
VYHS 1.30 268.9 Sn 09:42:20.174 -1.0 T__ --- 187201 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
2022/03/21 10:38:55.10 0.87 0.62 48.3240 19.8458 3.9 3.3 147 0.0f 18 11 83 0.41 1.54 sx BUD 18001282 BUD 138

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 7 BUD 18001282

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Sta 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 0.41 175.4 Pg 10:39:04.450 0.4 T__ 228.3 --- ML 1.8 187247 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.41 175.4 Lg 10:39:10.539 -0.2 T__ --- 187251 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.45 177.8 Pg 10:39:05.209 0.5 T__ 103.0 --- ML 1.6 187252 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.45 177.8 Lg 10:39:11.591 -0.1 T__ --- 187250 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.46 69.3 Pg 10:39:04.470 0.1 T__ 328.9 --- ML 2.1 187245 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.46 69.3 Lg 10:39:11.490 0.1 T__ --- 187244 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 0.49 69.3 Pg 10:39:04.935 -0.1 T__ 205.6 _c_ ML 2.0 187243 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.49 69.3 Lg 10:39:12.521 -0.1 T__ --- 187253 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.50 113.7 Pg 10:39:05.906 0.3 T__ 111.2 --- ML 1.7 187246 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 113.7 Lg 10:39:13.088 -0.6 T__ --- 187254 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 0.69 284.6 Pg 10:39:09.548 0.3 T__ 24.3 --- ML 1.3 187249 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 284.6 Lg 10:39:19.035 -0.4 T__ --- 187255 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU10A 0.73 229.5 Lg 10:39:20.980 -0.9 T__ --- 187256 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.93 91.2 Lg 10:39:27.300 -0.7 T__ --- 187259 FDSN HU -- BUD iLoc HHN ??? _
A338A 1.05 253.4 Sn 10:39:31.337 -1.1 T__ --- 187260 FDSN Z3 00 BUD iLoc HH2 ??? _
NIE 1.14 15.1 Pg 10:39:16.911 0.4 T__ 47.3 --- ML 1.8 187248 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.14 15.1 Lg 10:39:33.054 -0.1 T__ --- 187257 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1

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(Station ML: 1.8 magdef=1  
 JAVC 1.54 291.2 Sn 10:39:47.161 1.3 T\_\_ --- 187258 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/21	11:11:00.31	1.21	0.96	47.8481	20.1807	8.3	3.6	151	0.0f	12	7	177	0.21	1.11	sx	BUD	18001284	BUD				238

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 5 BUD 18001284

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.21	290.1	Pg	11:11:05.967	0.7					T__		582.0		---	ML	1.6	187298	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.21	290.1	Lg	11:11:07.843	-1.4					T__				---		187305	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
ET1H	0.21	278.6	Pg	11:11:06.048	0.8					T__		438.3		---	ML	1.5	187299	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.21	278.6	Lg	11:11:08.632	-0.3					T__				---		187303	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
HU02A	0.36	40.0	Pg	11:11:08.311	0.2					T__		113.6		---	ML	1.4	187300	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	40.0	Lg	11:11:13.687	-0.6					T__				---		187304	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0)																									
HU01A	0.63	217.2	Lg	11:11:22.802	-0.9					T__				---		187306	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.67	17.7	Pg	11:11:14.719	1.0					T__		89.0		---	ML	1.8	187301	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.67	17.7	Lg	11:11:23.780	-0.2					T__				---		187307	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0)																									
JOS	0.69	20.2	Pg	11:11:14.724	0.6					T__		58.1		---	ML	1.6	187302	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	20.2	Lg	11:11:24.374	-0.3					T__				---		187308	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
VYHS	1.11	306.2	Lg	11:11:37.256	-1.6					T__				---		187309	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	
2022/03/21	13:16:27.80	1.37	0.13	47.8877	16.0809	13.9	4.1	34	0.0f	6	4	132	0.15	1.19	sx	BUD	18001286	BUD					216

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	285.5	Pg	13:16:31.092	0.0					T__		134.3		---	ML	0.9	187419	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	285.5	Lg	13:16:33.437	-0.0					T__				---		187423	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0)																									
RONA	0.24	142.3	Pg	13:16:32.816	-0.0					T__				---		187420	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	142.3	Lg	13:16:36.350	0.0					T__				---		187424	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.74	210.8	Lg	13:16:51.467	-0.0					T__				---		187421	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.19	10.0	Sn	13:17:07.911	-0.2					T__				---		187422	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2022/03/21 18:05:20.95 1.01 0.95 47.7464 18.3143 7.0 2.8 87 12.0 6.5 13 9 132 0.07 0.94 ke BUD 18001290 BUD 151

Magnitude Err Nsta Author OrigID  
ML 1.3 0.2 4 BUD 18001290

Sta	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	0.07	359.4	Pg	18:05:23.797	0.2					T__		3666.9		---	ML	2.1 187503	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
SR0	0.07	359.4	Lg	18:05:25.745	-0.2					T__				---		187498	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
HU09A	0.12	156.9	Pg	18:05:24.522	0.2					T__		235.3		---	ML	1.0 187504	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU09A	0.12	156.9	Lg	18:05:27.067	-0.1					T__				---		187499	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
A338A	0.27	5.4	Pg	18:05:27.779	0.9					T__		154.4		---	ML	1.2 187502	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A338A	0.27	5.4	Lg	18:05:32.047	0.3					T__				---		187505	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
CSKK	0.39	185.4	Pg	18:05:29.966	1.0					T__		90.6		---	ML	1.3 187500	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.39	185.4	Lg	18:05:35.467	-0.2					T__				---		187506	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
A337A	0.61	324.9	Lg	18:05:41.708	-1.1					T__				---		187507	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
EGYH	0.74	244.0	Lg	18:05:46.491	0.1					T__				---		187497	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A267A	0.81	171.8	Lg	18:05:47.556	-1.9					T__				---		187508	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
VYHS	0.83	24.9	Lg	18:05:48.344	-1.1					T__				---		187509	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MODS	0.94	312.4	Pg	18:05:39.474	-0.2					T__				---		187501	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  
2022/03/22 08:17:40.62 1.89 1.10 47.9487 20.3758 18.1 3.7 141 0.0f 9 5 228 0.20 0.56 sx BUD 18001292 BUD 247

Magnitude Err Nsta Author OrigID  
ML 1.4 0.4 4 BUD 18001292

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	29.9	Pg	08:17:45.619	0.3					T__		185.2		---	ML	1.1 187559	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.20	29.9	Lg	08:17:47.865	-1.3					T__				---		187560	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
PSZ	0.33	264.8	Lg	08:17:52.390	-1.2					T__				---		187564	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.35	258.6	Pg	08:17:48.751	0.5					T__		54.1		---	ML	1.0 187565	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.35	258.6	Lg	08:17:53.464	-0.4					T__				---		187567	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
KECS	0.54	7.8	Pg	08:17:52.813	1.3					T__		60.9		---	ML	1.6 187561	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.54	7.8	Lg	08:17:59.044	-0.8					T__				---		187566	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
JOS	0.56	11.2	Pg	08:17:52.775	0.9					T__		65.5		---	ML	1.6 187562	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.56	11.2	Lg	08:17:59.734	-0.7					T__				---		187563	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/22	08:23:09.89	1.02	0.29	47.9816	16.6627	9.3	3.8	137	0.0f	7	4	175	0.37	1.10	sx	BUD	18001294	BUD				230

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.37	221.3	Pg	08:23:17.589	0.0					T__						187592	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.37	221.3	Lg	08:23:22.626	-0.2					T__						187591	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.54	264.6	Pg	08:23:20.684	-0.0					T__		73.2			ML	1.7	187590	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.54	264.6	Lg	08:23:28.229	0.3					T__						187595	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
MODS	0.57	46.1	Pg	08:23:21.948	0.2					T__						187593	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.57	46.1	Lg	08:23:30.586	-0.3					T__						187596	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.10	350.8	Lg	08:23:46.810	-0.3					T__						187594	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/22	09:31:01.03	1.14	0.45	48.4085	17.3374	9.7	3.2	123	0.0f	9	5	198	0.05	1.10	sx	BUD	18001296	BUD					268

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.05	228.9	Pg	09:31:02.599	-0.2					T__						187662	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.05	228.9	Lg	09:31:03.843	-0.7					T__						187663	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.50	26.0	Pg	09:31:11.444	-0.2					T__		176.6			ML	1.9	187667	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.50	26.0	Lg	09:31:19.799	0.1					T__						187664	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KRUC	0.90	316.7	Pg	09:31:18.707	0.3					T__		73.7			ML	1.9	187668	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.90	316.7	Lg	09:31:31.325	-0.4					T__						187669	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
RONA	1.00	224.9	Pg	09:31:21.284	0.5					T__						187670	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.00	224.9	Lg	09:31:34.105	0.3					T__						187665	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.10	244.6	Lg	09:31:37.171	0.3					T__						187666	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/22	10:03:31.37	1.40	1.42	48.8874	21.1238	9.1	7.5	144	0.0f	9	7	131	0.55	1.27	sx	BUD	18001298	BUD					219

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.55	224.9	Pg	10:03:43.250	0.9					T__		98.4			ML	1.8	187692	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	224.9	Lg	10:03:49.925	-0.7					T__						187694	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.59	226.5	Pg	10:03:43.735	0.7					T__		101.7			ML	1.8	187693	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.59	226.5	Lg	10:03:50.815	-1.0					T__						187695	FDSN	SK	--	BUD	iLoc	EHN	???	_	

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.76 314.8 Lg 10:03:55.717 -0.8 T__ --- 187696 FDSN PL -- BUD iLoc BHN ??? _
KOLS 0.76 86.1 Lg 10:03:57.089 -1.1 T__ --- 187697 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.86 207.7 Lg 10:04:00.839 -1.5 T__ --- 187698 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 1.21 128.3 Lg 10:04:12.998 0.3 T__ --- 187699 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.27 220.7 Sn 10:04:12.521 -2.2 T__ --- 187700 FDSN GE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/22 10:14:09.50 0.95 0.68 45.6299 17.2898 5.6 4.8 105 0.0f 16 9 127 0.73 1.30 sx BUD 18001300 BUD 221

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Magnitude Err Nsta Author OrigID
ML 2.1 0.2 9 BUD 18001300

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Sta 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 0.73 50.7 Pg 10:14:24.416 -0.1 T__ 395.5 --- ML 2.5 187798 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.73 50.7 Lg 10:14:34.086 -0.9 T__ --- 187803 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A265A 0.87 23.7 Pg 10:14:27.430 0.1 T__ 582.0 --- ML 2.7 187811 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
BLY 0.88 184.9 Pg 10:14:26.982 0.3 T__ 98.3 --- ML 2.0 187810 FDSN MN -- BUD iLoc HHZ HHZ _
BLY 0.88 184.9 Lg 10:14:37.939 0.0 T__ --- 187804 FDSN MN -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BEHE 0.91 337.1 Pg 10:14:28.692 0.6 T__ 332.4 --- ML 2.5 187812 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.91 337.1 Lg 10:14:41.390 0.7 T__ --- 187805 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
PTJ 0.97 287.1 Pg 10:14:28.361 -0.4 T__ 116.6 --- ML 2.1 187802 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.97 287.1 Lg 10:14:41.470 -1.0 T__ --- 187801 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOGS 1.09 318.9 Pg 10:14:31.205 0.1 T__ 90.2 --- ML 2.1 187807 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 1.09 318.9 Lg 10:14:46.437 0.9 T__ --- 187806 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MORH 1.11 57.8 Pn 10:14:30.627 -0.6 T__ 69.8 --- ML 2.0 187800 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.11 57.8 Sn 10:14:46.648 -1.0 T__ --- 187799 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A266A 1.12 36.8 Pn 10:14:32.073 0.6 T__ 324.7 --- ML 2.6 187813 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
CRES 1.30 279.3 Pg 10:14:33.879 -0.5 T__ 60.6 --- ML 2.0 187808 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 1.30 279.3 Sn 10:14:52.551 -0.2 T__ --- 187809 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/22	10:20:49.48	1.43	2.02	47.4150	18.3231	12.8	5.8	118	0.0f	6	5	105	0.07	1.22	sx	BUD	18001302	BUD				158

Magnitude Err Nsta Author OrigID

Sta	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	219.4	Pg	10:20:51.829	0.3					T__		719.0		_c_	ML	1.3	187880	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	219.4	Lg	10:20:53.012	-0.6					T__				---		187881	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU08A	0.27	273.6	Lg	10:21:00.176	-0.3					T__				---		187883	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	1.13	17.5	Lg	10:21:28.818	-0.2					T__				---		187882	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.18	64.0	Sn	10:21:27.792	-2.7					T__				---		187884	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MORH	1.22	169.5	Sn	10:21:28.602	-2.1					T__				---		187885	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
2022/03/22	10:21:49.60	2.29	1.57	47.4045	18.3731	30.0	6.2	130	0.0f	6	5	134	0.09	1.20	sx	BUD	18001304	BUD				204

Magnitude Err Nsta Author OrigID

Sta	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	241.6	Pg	10:21:52.384	0.4					T__		1572.0		_c_	ML	1.7	187903	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	241.6	Lg	10:21:53.629	-0.7					T__				---		187904	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ET1H	1.12	64.3	Sn	10:22:27.193	-1.5					T__				---		187905	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	1.13	15.8	Lg	10:22:28.854	-0.3					T__				---		187908	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.15	62.9	Sn	10:22:28.854	-1.1					T__				---		187906	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MORH	1.20	171.0	Sn	10:22:28.716	-1.7					T__				---		187907	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
2022/03/22	10:29:35.30	1.41	1.06	48.5438	20.8260	9.0	5.3	13	0.0f	13	9	158	0.20	1.32	sx	BUD	18001306	BUD				200

Magnitude Err Nsta Author OrigID  
ML 1.7 0.3 4 BUD 18001306

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.20	256.0	Pg	10:29:40.013	0.6					T__		534.8		---	ML	1.6	187934	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	256.0	Lg	10:29:42.382	-0.3					T__				---		187938	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.23	255.1	Pg	10:29:40.509	0.3					T__		2360.1		---	ML	2.3	187935	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	255.1	Lg	10:29:43.757	-0.2					T__				---		187939	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
ABAH	0.37	131.8	Lg	10:29:49.017	-0.5					T__				---		187940	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	205.6	Pg	10:29:46.193	1.0					T__		57.6		---	ML	1.4	187936	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	205.6	Lg	10:29:52.011	-0.8					T__				---		187941	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

PSZ	0.88	225.2	Pn	10:29:54.115	0.1	T__	68.7	___	ML	1.8	187943	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	225.2	Lg	10:30:05.200	-2.0	T__		---			187942	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ET1H	0.92	224.2	Lg	10:30:07.385	-0.7	T__		---			187944	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOLS	1.03	67.3	Lg	10:30:09.570	-1.6	T__		---			187945	FDSN	SK	--	BUD	iLoc	HHN	???	_
TRPA	1.22	109.3	Sn	10:30:16.610	-0.5	T__		---			187946	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	1.32	268.6	Sn	10:30:18.631	-1.3	T__		---			187937	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
2022/03/22	11:24:05.81	1.00	1.27	47.8504	20.1436	5.7	3.4	166	0.0f		14	8	117	0.18	1.09	sx	BUD	18001308	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	18001308

Sta	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	292.2	Pg	11:24:10.681	0.4					T__		1560.1		_c_	ML	2.0	187985	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	292.2	Lg	11:24:13.037	-0.9					T__				---		187987	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	0.19	279.0	Pg	11:24:10.842	0.6					T__		558.6		___	ML	1.6	187986	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	279.0	Lg	11:24:13.219	-0.4					T__				---		187988	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU23A	0.22	161.3	Lg	11:24:14.632	-0.4					T__				---		187994	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.37	43.2	Pg	11:24:14.878	0.9					T__		213.9		___	ML	1.7	187983	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.37	43.2	Lg	11:24:18.661	-1.7					T__				---		187989	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.67	19.8	Pg	11:24:21.119	1.7					T__		113.1		___	ML	1.9	187982	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.67	19.8	Lg	11:24:29.494	-0.1					T__				---		187990	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.70	22.2	Pg	11:24:20.917	1.1					T__		75.9		___	ML	1.8	187981	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.70	22.2	Lg	11:24:29.453	-1.0					T__				---		187991	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.86	58.3	Pg	11:24:22.970	0.0					T__		110.5		___	ML	2.0	187984	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.86	58.3	Lg	11:24:34.420	-2.4					T__				---		187992	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
VVHS	1.09	306.8	Lg	11:24:42.444	-1.1					T__				---		187993	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
2022/03/22	23:37:06.92	1.04	0.27	45.8721	16.0042	16.1	4.5	93	9.0f		6	4	129	0.04	1.27	ke	BUD	18001312	BUD			236

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.5	4 BUD	18001312

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

PTJ	0.04	324.1	Pg	23:37:09.320	0.1	T__	3084.6	___	ML	1.9	188096	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.04	324.1	Lg	23:37:10.807	-0.2	T__		---			188097	FDSN	CR	--	BUD	iLoc	BHN	???	_
	(Reading ML: 1.9 magdef=1)																		
	(Station ML: 1.9 magdef=1)																		
ZAG	0.05	195.0	Pg	23:37:08.969	0.1	T__	51466.9	___	ML	3.1	188099	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.05	195.0	Lg	23:37:10.213	-0.2	T__		---			188098	FDSN	CR	--	BUD	iLoc	BHN	???	_
	(Reading ML: 3.1 magdef=1)																		
	(Station ML: 3.1 magdef=1)																		
KOGS	0.60	16.4	Pg	23:37:18.845	-0.0	T__	162.7	___	ML	2.0	188100	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
	(Reading ML: 2.0 magdef=1)																		
	(Station ML: 2.0 magdef=1)																		
A273A	1.27	87.4	Pn	23:37:30.243	0.3	T__	212.7	___	ML	2.5	188101	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.5 magdef=1)																		
	(Station ML: 2.5 magdef=1)																		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/23	01:26:16.55	1.76	0.56	47.9747	20.3829	18.4	4.7	142	0.0f		6	5	221	0.18	0.53	ke	BUD	18001314	BUD			243

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
HU02A	0.18	32.8	Pg	01:26:20.985	0.3					T__		48.8			___	ML	0.5	188125	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	32.8	Lg	01:26:23.494	-0.7					T__						188126	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
	(Reading ML: 0.5 magdef=1)																									
	(Station ML: 0.5 magdef=0)																									
PSZ	0.33	260.4	Lg	01:26:29.585	-0.2					T__						188130	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.36	254.7	Lg	01:26:29.938	-0.2					T__						188129	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KECS	0.51	7.6	Lg	01:26:35.185	0.3					T__						188127	FDSN	SK	--	BUD	iLoc	EHE	???	_		
JDS	0.53	11.3	Lg	01:26:35.088	-0.4					T__						188128	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/03/23	08:50:53.88	0.89	0.78	48.4711	17.4264	5.7	3.7	149	0.0f		12	6	136	0.14	1.18	sx	BUD	18001316	BUD					202

Magnitude Err Nsta Author OrigID  
ML 1.7 0.3 4 BUD 18001316

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
MODS	0.14	225.6	Pg	08:50:56.803	-0.5					T__					_c	188155	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.14	225.6	Lg	08:50:59.049	-1.2					T__						188161	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.42	22.5	Pg	08:51:02.832	-0.0					T__		108.3			___	ML	1.5	188156	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.42	22.5	Lg	08:51:08.921	-0.9					T__						188162	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 1.5 magdef=1)																									
	(Station ML: 1.5 magdef=1)																									
KRUC	0.90	311.3	Pg	08:51:12.097	0.9					T__		65.5			___	ML	1.8	188157	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.90	311.3	Lg	08:51:24.436	-0.1					T__						188163	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 1.8 magdef=1)																									
	(Station ML: 1.8 magdef=1)																									
VYHS	0.94	88.1	Pg	08:51:13.674	0.8					T__		18.1			___	ML	1.3	188159	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.94	88.1	Lg	08:51:25.933	-0.5					T__						188164	FDSN	SK	--	BUD	iLoc	HHN	???	_		
	(Reading ML: 1.3 magdef=1)																									

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(Station ML: 1.3 magdef=1
RONA 1.08 224.9 Pg 08:51:15.050 -0.3 T__
RONA 1.08 224.9 Lg 08:51:30.141 0.8 T__
CONA 1.18 243.2 Pg 08:51:17.073 -0.0 T__
CONA 1.18 243.2 Lg 08:51:33.135 0.8 T__
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/23 09:08:44.08 0.89 1.10 47.6938 18.5543 4.1 3.0 131 0.0f 18 13 133 0.13 1.31 sx BUD 18001318 BUD 155

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 5 BUD 18001318

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU09A 0.13 244.6 Pg 09:08:48.530 1.3 T__ 3091.3 ___ ML 2.1 188210 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.13 244.6 Lg 09:08:49.648 -0.4 T__ ___ 188211 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
SR0 0.20 306.4 Pg 09:08:49.606 1.0 T__ 6596.0 ___ ML 2.7 188213 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 0.20 306.4 Lg 09:08:51.833 -0.7 T__ ___ 188212 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
HU10A 0.35 64.0 Lg 09:08:57.504 -0.1 T__ ___ 188215 FDSN ZJ 00 BUD iLoc HHN ??? _
A338A 0.35 337.2 Lg 09:08:57.000 -0.7 T__ ___ 188214 FDSN Z3 00 BUD iLoc HH2 ??? _
CSKK 0.39 211.1 Pg 09:08:53.051 0.9 T__ 272.3 ___ ML 1.8 188217 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.39 211.1 Lg 09:08:58.008 -1.1 T__ ___ 188216 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU08A 0.50 238.6 Lg 09:09:01.537 -1.2 T__ ___ 188218 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.82 13.2 Lg 09:09:12.879 -0.1 T__ ___ 188219 FDSN SK -- BUD iLoc HHN ??? _
MPLH 0.87 233.1 Pg 09:09:00.865 -0.6 T__ 70.5 ___ ML 1.8 188221 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.87 233.1 Lg 09:09:14.055 -0.2 T__ ___ 188220 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
EGYH 0.87 252.0 Lg 09:09:13.887 -0.7 T__ ___ 188222 FDSN HU -- BUD iLoc HHN ??? _
ET1H 0.91 77.7 Lg 09:09:15.567 -1.1 T__ ___ 188223 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.93 75.5 Pn 09:09:03.889 0.3 T__ 70.7 ___ ML 1.9 188225 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.93 75.5 Lg 09:09:16.744 -1.1 T__ ___ 188224 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 1.09 308.9 Lg 09:09:20.860 -2.1 T__ ___ 188226 FDSN SK -- BUD iLoc HHN ??? _
JAVC 1.31 333.5 Sn 09:09:27.246 -1.8 T__ ___ 188227 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/23 09:19:13.89 1.78 0.25 46.1129 18.0631 13.9 5.2 79 0.0f 6 3 244 0.04 0.44 sx BUD 18001320 BUD 303

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Magnitude Err Nsta Author OrigID
ML 1.4 0.4 3 BUD 18001320

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.04	133.8	Pg	09:19:15.404	0.1					T__		1060.8		---	ML	1.4	188288	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.04	133.8	Lg	09:19:16.648	-0.2					T__				---		188291	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
MORH	0.42	75.6	Pg	09:19:22.818	0.1					T__		48.4		---	ML	1.1	188289	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.42	75.6	Lg	09:19:29.332	-0.1					T__				---		188292	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1																					
				(Station ML: 1.1 magdef=1																					
A266A	0.44	18.6	Pg	09:19:23.243	0.1					T__		198.5		---	ML	1.8	188290	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.44	18.6	Lg	09:19:29.838	-0.3					T__				---		188293	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=1																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/23	10:13:11.91	1.03	0.73	48.5026	20.7909	5.0	4.6	81	0.0f		15	10	85	0.17	1.30	sx	BUD	18001322	BUD			155

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	18001322

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	267.8	Pg	10:13:15.596	0.1					T__		201.1		---	ML	1.1	188366	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	267.8	Lg	10:13:18.368	0.1					T__				---		188370	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1																					
				(Station ML: 1.1 magdef=0																					
KECS	0.20	264.6	Pg	10:13:16.385	0.2					T__		628.9		---	ML	1.7	188367	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	264.6	Lg	10:13:19.683	0.1					T__				---		188371	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					
ABAH	0.36	124.5	Lg	10:13:25.971	0.1					T__				---		188372	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.42	205.1	Pg	10:13:20.896	0.0					T__		46.6		---	ML	1.1	188368	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	205.1	Lg	10:13:28.037	0.2					T__				---		188373	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1																					
				(Station ML: 1.1 magdef=1																					
PSZ	0.84	226.1	Pg	10:13:30.222	0.6					T__		65.6		---	ML	1.8	188375	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	226.1	Lg	10:13:41.227	-1.0					T__				---		188374	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=0																					
ET1H	0.88	224.9	Lg	10:13:42.598	-0.5					T__				---		188376	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.97	340.7	Pg	10:13:30.675	0.4					T__		36.8		---	ML	1.6	188378	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.97	340.7	Lg	10:13:43.136	-0.9					T__				---		188377	FDSN	PL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=1																					
KOLS	1.07	65.7	Lg	10:13:48.251	-0.7					T__				---		188379	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.22	107.1	Sn	10:13:53.000	-0.9					T__				---		188369	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.30	270.3	Sn	10:13:54.382	-1.5					T__				---		188380	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
2022/03/23	11:01:08.96	0.98	0.88	47.3099	17.6778	9.3	3.5	137	0.0f		6	4	158	0.17	0.58	sx	BUD	18001324	BUD			239

Magnitude	Err	Nsta	Author	OrigID																					
Sta	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	214.0	Pg	11:01:13.288	0.3					T__		316.7		---	ML	1.3	188450	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.17	214.0	Lg	11:01:15.958	-0.4					T__				---		188449	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
HU08A	0.21	53.9	Pg	11:01:14.293	0.6					T__		358.5		---	ML	1.4	188454	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.21	53.9	Lg	11:01:16.843	-0.9					T__				---		188453	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
EGYH	0.26	294.6	Lg	11:01:18.895	-0.4					T__				---		188452	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU09A	0.58	55.2	Lg	11:01:29.917	-0.8					T__				---		188451	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/23	11:27:48.73	1.11	1.11	48.8714	20.7214	10.3	3.9	82	0.0f		12	7	175	0.39	1.14	sx	BUD	18001326	BUD			298

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	18001326

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.39	197.9	Pg	11:27:56.985	0.3					T__		96.2		---	ML	1.4	188560	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.39	197.9	Lg	11:28:02.995	0.3					T__				---		188570	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
KECS	0.42	202.0	Pg	11:27:57.107	-0.1					T__		127.7		---	ML	1.6	188561	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.42	202.0	Lg	11:28:03.563	-0.0					T__				---		188571	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
NIE	0.61	333.3	Pg	11:28:00.825	0.5					T__		51.2		---	ML	1.6	188565	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.61	333.3	Lg	11:28:08.054	-1.1					T__				---		188564	FDSN	PL	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
ABAH	0.67	148.9	Pg	11:28:02.270	0.2					T__		87.4		---	ML	1.8	188566	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU02A	0.76	190.0	Pg	11:28:05.745	1.3					T__		53.6		---	ML	1.7	188562	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	190.0	Lg	11:28:14.281	-1.9					T__				---		188563	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
PSZ	1.10	210.3	Pn	11:28:10.767	0.2					T__		75.8		---	ML	2.0	188567	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.10	210.3	Sn	11:28:26.255	-1.7					T__				---		188568	FDSN	GE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=0)																					
ET1H	1.14	210.0	Sn	11:28:27.427	-1.1					T__				---		188569	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/24	00:16:42.10	0.80	0.54	47.7784	16.0756	3.8	3.4	28	4.0	11.0	30	20	68	0.17	1.57	ke	BUD	18001332	BUD			96

Magnitude	Err	Nsta	Author	OrigID
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ML	1.8 0.2	12 BUD	18001332																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.17	117.8	Pg	00:16:45.856	0.1					T__				_c_	188756	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.17	117.8	Lg	00:16:48.643	0.3					T__				---	188775	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.21	316.2	Pg	00:16:46.483	-0.0					T__		154.3		---	ML 1.1	188754	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.21	316.2	Lg	00:16:50.570	1.0					T__				---	188755	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0																								
SOP	0.34	106.1	Pg	00:16:49.012	0.0					T__		92.7		---	ML 1.2	188760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.34	106.1	Lg	00:16:54.089	0.4					T__				---	188759	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																								
ARSA	0.65	215.5	Pg	00:16:53.988	-0.7					T__		80.1		---	ML 1.8	188763	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.65	215.5	Lg	00:17:02.404	-0.4					T__				---	188762	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
A260A	0.65	139.0	Pg	00:16:55.081	-0.1					T__		103.5		---	ML 1.9	188764	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																								
A008A	0.66	334.5	Pg	00:16:54.878	0.2					T__		193.9		---	ML 2.2	188757	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.66	334.5	Lg	00:17:03.658	0.0					T__				---	188758	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0																								
A019A	0.75	243.9	Pg	00:16:56.072	-0.7					T__		65.7		---	ML 1.7	188761	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	0.75	243.9	Lg	00:17:06.687	0.4					T__				---	188776	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
EGYH	0.92	112.6	Pg	00:17:00.826	0.4					T__		125.7		---	ML 2.1	188766	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																								
A262A	0.97	161.3	Sn	00:17:15.566	-0.0					T__				---	188777	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MODS	1.00	53.1	Pg	00:17:01.635	-0.5					T__				---	188765	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.00	53.1	Lg	00:17:15.902	-1.1					T__				---	188778	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A261A	1.10	138.2	Pg	00:17:03.951	0.2					T__		91.3		---	ML 2.1	188769	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																								
MPLH	1.16	121.0	Pg	00:17:05.236	0.3					T__		37.0		---	ML 1.7	188774	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.16	121.0	Sn	00:17:20.225	-0.5					T__				---	188773	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
HU08A	1.30	104.8	Sn	00:17:24.152	0.0					T__				---	188779	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KRUC	1.30	9.3	Pn	00:17:06.166	-0.3					T__		76.0		---	ML 2.1	188767	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.30	9.3	Sn	00:17:23.614	-0.7					T__				---	188768	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																								
KOGS	1.34	174.8	Lg	00:17:25.000	-0.0					T__				---	188772	FDSN	SL	--	BUD	iLoc	BHN	???	_	
BEHE	1.39	159.7	Lg	00:17:28.279	0.9					T__				---	188780	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JAVC	1.52	44.0	Lg	00:17:32.821	-0.4					T__				---	188781	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
TREC	1.57	345.8	Sn	00:17:31.622	1.0					T__				---	188783	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.57	12.5	Pn	00:17:09.979	-0.3					T__		20.7		---	ML 1.7	188771	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								

CKRC 1.57 312.1 Pn 00:17:11.072 0.7 T\_\_ 131.6 \_\_\_ ML 2.5 188770 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 CKRC 1.57 312.1 Sn 00:17:31.549 0.3 T\_\_ \_\_\_ 188782 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.5 magdef=1  
 (Station ML: 2.5 magdef=0

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/24 08:01:58.65 0.92 1.06 48.4568 19.5476 5.2 3.5 11 0.0f 13 7 115 0.47 1.08 sx BUD 18001334 BUD 227

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 6 BUD 18001334

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 VYHS 0.47 274.8 Pg 08:02:08.880 0.5 T\_\_ 30.2 \_\_\_ ML 1.1 188839 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 0.47 274.8 Lg 08:02:14.737 -0.8 T\_\_ \_\_\_ 188840 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=0  
 PSZ 0.59 156.6 Pg 08:02:11.004 -0.3 T\_\_ 59.6 \_\_\_ ML 1.6 188836 FDSN GE -- BUD iLoc HHZ HHZ \_  
 PSZ 0.59 156.6 Lg 08:02:18.975 -1.4 T\_\_ \_\_\_ 188842 FDSN GE -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 ET1H 0.62 159.3 Pg 08:02:13.836 2.1 T\_\_ 45.2 \_\_\_ ML 1.5 188838 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ET1H 0.62 159.3 Lg 08:02:20.512 -0.5 T\_\_ \_\_\_ 188837 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 KECS 0.62 87.2 Pg 08:02:11.874 0.7 T\_\_ 206.7 \_\_\_ ML 2.2 188833 FDSN SK -- BUD iLoc EHZ EHZ \_  
 KECS 0.62 87.2 Lg 08:02:20.492 -0.1 T\_\_ \_\_\_ 188841 FDSN SK -- BUD iLoc EHN ??? \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=0  
 JOS 0.66 86.2 Pg 08:02:12.339 0.5 T\_\_ 52.4 \_\_\_ ML 1.6 188834 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 0.66 86.2 Lg 08:02:21.685 -0.2 T\_\_ \_\_\_ 188843 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 HU02A 0.73 116.8 Pg 08:02:13.796 -0.1 T\_\_ 46.5 \_\_\_ ML 1.6 188835 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.73 116.8 Lg 08:02:23.951 -1.4 T\_\_ \_\_\_ 188844 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 NIE 1.08 27.0 Lg 08:02:34.052 -0.9 T\_\_ \_\_\_ 188845 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  
 2022/03/24 09:21:25.77 0.92 1.10 48.5329 17.4693 6.0 3.1 122 0.0f 11 8 126 0.20 1.25 sx BUD 18001336 BUD 196

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 MODS 0.20 218.8 Pg 09:21:29.979 -0.5 T\_\_ 110.1 \_\_\_ 188876 FDSN SK -- BUD iLoc HHZ ??? \_  
 MODS 0.20 218.8 Lg 09:21:32.690 -1.6 T\_\_ \_\_\_ 188879 FDSN SK -- BUD iLoc HHN ??? \_  
 JAVC 0.35 22.2 Pg 09:21:32.973 -0.4 T\_\_ \_\_\_ ML 1.3 188877 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 JAVC 0.35 22.2 Lg 09:21:38.435 -0.9 T\_\_ \_\_\_ 188880 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=0

KRUC	0.89	307.1	Lg	09:21:55.620	-0.2				T__						188881	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VYHS	0.91	91.9	Lg	09:21:58.045	0.7				T__						188882	FDSN	SK	--	BUD	iLoc	HHN	???	_
VRAC	0.97	323.7	Lg	09:21:58.429	0.1				T__						188883	FDSN	CZ	--	BUD	iLoc	HHN	???	_
RONA	1.15	223.7	Pg	09:21:49.339	0.9				T__						188878	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.15	223.7	Lg	09:22:04.106	0.8				T__						188884	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.23	241.2	Lg	09:22:07.200	1.2				T__						188885	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORC	1.25	2.2	Lg	09:22:07.830	1.5				T__						188886	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/24	09:27:00.06	1.17	1.00	48.5510	20.7996	6.2	5.3	21	0.0f		15	9	88	0.18	1.31	sx	BUD	18001338	BUD			159

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	18001338

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	252.4	Pg	09:27:04.177	0.3					T__		472.6			ML	1.5	188916	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	252.4	Lg	09:27:06.948	0.0					T__						188923	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.22	252.1	Pg	09:27:04.672	0.0					T__		829.8			ML	1.8	188917	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	252.1	Lg	09:27:08.415	0.2					T__						188924	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.39	130.9	Lg	09:27:15.232	0.4					T__						188925	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	203.2	Pg	09:27:10.276	0.3					T__		60.3			ML	1.4	188919	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	203.2	Lg	09:27:16.648	-0.9					T__						188918	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
PSZ	0.88	224.0	Pg	09:27:18.590	0.0					T__		71.3			ML	1.8	188920	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	224.0	Lg	09:27:30.445	-1.2					T__						188926	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ET1H	0.92	223.1	Pn	09:27:19.905	0.9					T__		37.5			ML	1.6	188921	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	223.1	Lg	09:27:32.730	0.1					T__						188928	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.93	339.4	Lg	09:27:30.586	-0.2					T__						188927	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	1.05	68.0	Lg	09:27:34.831	-1.5					T__						188929	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.31	268.2	Pn	09:27:25.205	0.5					T__		23.9			ML	1.6	188922	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	268.2	Sn	09:27:41.753	-2.5					T__						188930	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/03/24	10:00:02.16	0.88	0.82	48.4265	17.2449	5.1	3.5	96	0.0f		12	7	76	0.06	1.37	sx	BUD	18001340	BUD					135

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	18001340

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

MODS	0.06	157.8	Pg	10:00:04.126	0.1	T__		_c_	188965	FDSN	SK	-- BUD	iLoc	HHZ ???	_
MODS	0.06	157.8	Lg	10:00:04.952	-0.8	T__		---	188969	FDSN	SK	-- BUD	iLoc	HHN ???	_
JAVC	0.52	33.0	Pg	10:00:13.594	0.6	T__	208.7	--- ML	2.1 188966	FDSN	CZ	-- BUD	iLoc	HHZ HHZ	_
JAVC	0.52	33.0	Lg	10:00:19.802	-1.6	T__		---	188970	FDSN	CZ	-- BUD	iLoc	HHN ???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)															
KRUC	0.85	318.8	Pg	10:00:18.165	-0.3	T__	40.1	--- ML	1.6 188972	FDSN	CZ	-- BUD	iLoc	HHZ HHZ	_
KRUC	0.85	318.8	Lg	10:00:30.229	-0.8	T__		---	188971	FDSN	CZ	-- BUD	iLoc	HHN ???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)															
RONA	0.97	221.5	Pn	10:00:22.980	0.5	T__		---	188967	FDSN	OE	-- BUD	iLoc	HHZ ???	_
RONA	0.97	221.5	Lg	10:00:34.207	0.2	T__		---	188973	FDSN	OE	-- BUD	iLoc	HHN ???	_
CONA	1.05	242.2	Pg	10:00:22.912	0.0	T__	43.4	--- ML	1.7 188975	FDSN	OE	-- BUD	iLoc	HHZ HHZ	_
CONA	1.05	242.2	Lg	10:00:36.825	0.3	T__		---	188974	FDSN	OE	-- BUD	iLoc	HHN ???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)															
VYHS	1.06	85.8	Pn	10:00:24.275	0.6	T__	18.4	--- ML	1.4 188968	FDSN	SK	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)															
MORC	1.37	8.1	Lg	10:00:47.667	1.1	T__		---	188976	FDSN	CZ	-- BUD	iLoc	HHN ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/24	10:02:15.56	0.95	0.62	48.2782	19.8463	5.0	3.8	110	0.0f		13	8	110	0.36	1.56	sx	BUD	18001342	BUD			131

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	18001342

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.36	174.9	Pg	10:02:24.032	0.4					T__		225.6			ML	1.7 189012	FDSN	GE	-- BUD	iLoc	HHZ	HHZ			
PSZ	0.36	174.9	Lg	10:02:30.020	0.3					T__						189013	FDSN	GE	-- BUD	iLoc	HHN	???			
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
ET1H	0.40	177.6	Lg	10:02:30.020	-0.5					T__						189014	FDSN	HU	-- BUD	iLoc	HHN	???			
KECS	0.47	64.1	Pg	10:02:25.185	0.0					T__		212.6			ML	1.9 189010	FDSN	SK	-- BUD	iLoc	EHZ	EHZ			
KECS	0.47	64.1	Lg	10:02:32.807	0.4					T__						189015	FDSN	SK	-- BUD	iLoc	EHN	???			
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
HU02A	0.48	108.7	Pg	10:02:25.509	-0.3					T__		116.1			ML	1.7 189011	FDSN	ZJ	00 BUD	iLoc	HHZ	HHZ			
HU02A	0.48	108.7	Lg	10:02:32.969	-0.6					T__						189016	FDSN	ZJ	00 BUD	iLoc	HHN	???			
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
JOS	0.51	64.5	Pg	10:02:25.650	-0.2					T__		123.6			ML	1.8 189009	FDSN	ZJ	-- BUD	iLoc	HHZ	HHZ			
JOS	0.51	64.5	Lg	10:02:33.698	-0.0					T__						189017	FDSN	ZJ	-- BUD	iLoc	HHN	???			
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
VYHS	0.71	288.2	Lg	10:02:39.524	-0.8					T__						189018	FDSN	SK	-- BUD	iLoc	HHN	???			
NIE	1.18	14.5	Pg	10:02:38.553	0.7					T__		52.3			ML	1.9 189020	FDSN	PL	-- BUD	iLoc	BHZ	BHZ			
NIE	1.18	14.5	Lg	10:02:54.898	-0.2					T__						189019	FDSN	PL	-- BUD	iLoc	BHN	???			
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
JAVC	1.56	292.7	Sn	10:03:07.925	1.2					T__						189021	FDSN	CZ	-- BUD	iLoc	HHN	???			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/24	10:44:17.95	1.59	0.95	48.4598	21.4002	9.1	7.2	80	0.0f	7	5	162	0.20	0.75	sx	BUD	18001346	BUD				299

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.20	213.2	Pg	10:44:22.555	0.3					T__		418.2		---	ML	1.5	189076	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.20	213.2	Lg	10:44:25.610	-0.5					T__				---		189077	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.57	273.9	Pg	10:44:29.211	-0.2					T__		91.4		---	ML	1.8	189071	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.57	273.9	Lg	10:44:38.395	0.2					T__				---		189073	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.61	272.5	Lg	10:44:40.610	1.2					T__				---		189072	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.68	240.3	Lg	10:44:41.363	-1.3					T__				---		189074	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	0.75	50.3	Lg	10:44:44.153	-0.3					T__				---		189075	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
2022/03/25	07:42:07.72	1.73	1.13	47.9704	20.3715	17.2	3.7	143	0.0f	8	5	220	0.18	0.54	sx	BUD	18001350	BUD				243

Magnitude Err Nsta Author OrigID  
ML 1.1 0.1 3 BUD 18001350

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.18	34.1	Pg	07:42:12.416	0.4					T__		198.8		---	ML	1.1	189148	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	34.1	Lg	07:42:14.589	-1.1					T__				---		189151	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.32	261.0	Pg	07:42:15.910	0.8					T__		74.3		---	ML	1.1	189150	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	261.0	Lg	07:42:19.087	-1.6					T__				---		189152	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ET1H	0.35	255.0	Lg	07:42:20.205	-0.9					T__				---		189153	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.52	8.4	Lg	07:42:25.855	-0.4					T__				---		189154	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.54	12.0	Pg	07:42:19.400	0.8					T__		50.2		---	ML	1.5	189149	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	12.0	Lg	07:42:26.448	-0.4					T__				---		189155	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/25	08:08:54.45	1.03	0.81	47.9813	16.6445	6.0	4.6	121	0.0f	11	9	95	0.30	1.18	sx	BUD	18001352	BUD				144

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
SOP	0.30	191.1	Lg	08:09:05.048	-0.1					T__				---		189186	FDSN	HU	--	BUD	iLoc	HHE	???	_
RONA	0.37	219.9	Pg	08:09:01.752	-0.2					T__				---		189182	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.37	219.9	Lg	08:09:06.682	-0.4					T__				---		189187	FDSN	OE	--	BUD	iLoc	HHN	???	_

CONA	0.53	264.5	Pg	08:09:05.185	0.2	T__	59.2	___	ML	1.5	189181	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.53	264.5	Lg	08:09:11.138	-1.0	T__		---			189188	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
MODS	0.58	46.9	Lg	08:09:15.447	-0.3	T__		---			189184	FDSN	SK	--	BUD	iLoc	HHN	???	_
MPLH	1.01	142.9	Lg	08:09:29.444	0.1	T__		---			189190	FDSN	HU	--	BUD	iLoc	HHN	???	_
ARSA	1.05	226.5	Lg	08:09:29.357	1.3	T__		---			189189	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.09	351.4	Lg	08:09:31.880	0.3	T__		---			189185	FDSN	CZ	--	BUD	iLoc	HHN	???	_
JAVC	1.11	37.5	Pn	08:09:18.351	1.4	T__	94.8	---	ML	2.1	189191	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
A019A	1.18	243.6	Lg	08:09:32.903	0.5	T__		---			189183	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
2022/03/25	09:10:45.15	1.27	0.68	48.8374	21.2921	8.3	6.1	112	0.0f		11	7	134	0.60	1.35	sx	BUD	18001354	BUD			263

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	18001354

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.60	235.9	Pg	09:10:57.772	0.6					T__		49.9		---	ML	1.5	189217	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	235.9	Lg	09:11:06.062	-0.2					T__				---		189221	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.64	236.8	Pg	09:10:58.773	0.8					T__	90.3			---	ML	1.8	189222	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.64	236.8	Lg	09:11:07.026	-0.5					T__				---		189223	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOLS	0.65	81.2	Lg	09:11:08.362	-0.0					T__				---		189220	FDSN	SK	--	BUD	iLoc	HHE	???	_	
NIE	0.87	312.1	Pg	09:11:01.825	0.2					T__	23.3			---	ML	1.4	189224	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.87	312.1	Lg	09:11:13.183	-0.9					T__				---		189219	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.88	215.8	Pg	09:11:02.665	-0.6					T__	45.6			---	ML	1.6	189218	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	215.8	Lg	09:11:15.922	-0.8					T__				---		189225	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.31	225.9	Sn	09:11:28.922	-0.6					T__				---		189226	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.35	225.2	Sn	09:11:30.469	0.5					T__				---		189227	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
2022/03/25	09:36:50.51	0.80	1.12	48.2258	18.8183	3.8	3.2	54	0.0f		27	19	52	0.27	2.00	sx	BUD	18001356	BUD			88

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	7 BUD	18001356

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.27	2.5	Pg	09:36:56.655	0.4					T__		169.9		---	ML	1.3	189280	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.27	2.5	Lg	09:37:00.462	-0.0					T__				---		189281	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									

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(Station ML: 1.3 magdef=0
HU10A 0.40 160.5 Lg 09:37:05.580 -0.2 T__ --- 189282 FDSN ZJ 00 BUD iLoc HHN ??? _
SR0 0.53 219.6 Lg 09:37:10.269 -0.1 T__ --- 189283 FDSN SK -- BUD iLoc EHN ??? _
HU09A 0.66 206.7 Lg 09:37:14.265 -0.4 T__ --- 189284 FDSN ZJ 00 BUD iLoc HHE ??? _
BUD 0.76 169.4 Lg 09:37:17.224 -0.9 T__ --- 189285 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.78 112.7 Pg 09:37:07.840 0.7 T__ 67.0 --- ML 1.8 189287 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.78 112.7 Lg 09:37:17.554 -1.6 T__ --- 189286 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.79 115.8 Pg 09:37:07.834 0.8 T__ 39.5 --- ML 1.5 189289 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.79 115.8 Lg 09:37:17.767 -1.0 T__ --- 189288 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.94 203.7 Lg 09:37:23.368 -1.1 T__ --- 189290 FDSN HU -- BUD iLoc HHN ??? _
JAVC 0.99 310.2 Pg 09:37:10.546 -0.2 T__ 140.0 --- ML 2.2 189277 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.99 310.2 Lg 09:37:24.725 -1.2 T__ --- 189291 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU08A 1.00 217.5 Lg 09:37:24.849 -1.0 T__ --- 189279 FDSN ZJ 00 BUD iLoc HHN ??? _
HU01A 1.03 148.2 Sn 09:37:27.739 0.2 T__ --- 189292 FDSN ZJ 00 BUD iLoc HHN ??? _
MODS 1.04 278.8 Pg 09:37:13.083 1.6 T__ --- 189276 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.04 278.8 Lg 09:37:25.728 -1.6 T__ --- 189293 FDSN SK -- BUD iLoc HHN ??? _
KECS 1.14 76.3 Pn 09:37:13.603 0.9 T__ 111.1 --- ML 2.2 189295 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.14 76.3 Sn 09:37:28.722 -1.7 T__ --- 189294 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU02A 1.15 94.6 Pn 09:37:14.116 1.2 T__ 99.7 --- ML 2.1 189297 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.15 94.6 Sn 09:37:29.162 -1.6 T__ --- 189296 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 1.18 76.1 Pn 09:37:13.977 0.7 T__ 43.6 --- ML 1.8 189298 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.18 76.1 Sn 09:37:29.826 -1.5 T__ --- 189299 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
EGYH 1.29 231.6 Sn 09:37:33.950 0.1 T__ --- 189278 FDSN HU -- BUD iLoc HHN ??? _
MPLH 1.36 219.8 Sn 09:37:35.644 -0.2 T__ --- 189300 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.54 38.8 Sn 09:37:41.731 0.5 T__ --- 189301 FDSN PL -- BUD iLoc BHN ??? _
CONA 2.00 262.6 Sn 09:37:54.132 2.3 T__ --- 189302 FDSN OE -- 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
2022/03/25 10:30:40.07 1.70 0.93 48.4137 21.4286 10.3 7.7 109 0.0f 9 6 180 0.17 1.14 sx BUD 18001358 BUD 308

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Magnitude Err Nsta Author OrigID
ML 1.4 0.3 3 BUD 18001358

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.17 227.0 Pg 10:30:44.351 0.4 T__ 165.8 --- ML 1.0 189356 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.17 227.0 Lg 10:30:46.962 -0.5 T__ --- 189359 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
JOS 0.60 278.2 Pg 10:30:52.221 0.2 T__ 57.0 --- ML 1.6 189355 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.60 278.2 Lg 10:31:01.314 0.2 T__ --- 189357 FDSN ZJ -- BUD iLoc HHN ??? _

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.63 276.7 Lg 10:31:02.227 -0.1 T__ --- 189358 FDSN SK -- BUD iLoc EHN ??? _
HU02A 0.67 244.5 Pg 10:30:54.193 0.1 T__ 34.3 --- ML 1.4 189361 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.67 244.5 Lg 10:31:03.396 -1.2 T__ --- 189360 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOLS 0.76 46.8 Lg 10:31:06.346 -0.8 T__ --- 189362 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.14 244.8 Sn 10:31:18.613 -1.6 T__ --- 189363 FDSN GE -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/25 11:03:47.54 0.89 1.21 48.1158 18.9765 4.1 3.6 163 0.0f 18 12 83 0.27 1.14 sx BUD 18001360 BUD 118

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 6 BUD 18001360

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.27 174.0 Pg 11:03:54.266 0.8 T__ 229.7 --- ML 1.4 189401 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.27 174.0 Lg 11:03:57.954 -0.3 T__ --- 189411 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
VYHS 0.39 346.1 Lg 11:04:01.779 0.1 T__ --- 189412 FDSN SK -- BUD iLoc HHN ??? _
SR0 0.54 236.1 Lg 11:04:06.732 -0.9 T__ --- 189413 FDSN SK -- BUD iLoc EHN ??? _
ET1H 0.65 111.2 Pg 11:04:01.883 0.6 T__ 53.0 --- ML 1.6 189415 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.65 111.2 Lg 11:04:10.429 -0.6 T__ --- 189414 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.65 107.4 Pg 11:04:02.300 0.9 T__ 58.8 --- ML 1.6 189403 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.65 107.4 Lg 11:04:10.261 -1.2 T__ --- 189402 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU01A 0.89 150.4 Pn 11:04:07.084 1.0 T__ 290.5 --- ML 2.5 189404 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU01A 0.89 150.4 Lg 11:04:18.368 -1.3 T__ --- 189416 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
CSKK 0.89 213.0 Lg 11:04:18.556 -1.3 T__ --- 189417 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.99 226.4 Pg 11:04:08.399 1.2 T__ 195.4 --- ML 2.3 189405 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.99 226.4 Lg 11:04:21.509 -1.0 T__ --- 189418 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
HU02A 1.04 89.1 Sn 11:04:23.152 -1.9 T__ --- 189406 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 1.07 69.4 Lg 11:04:24.248 -1.2 T__ --- 189407 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.11 69.4 Pn 11:04:09.202 -0.1 T__ 45.1 --- ML 1.8 189409 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.11 69.4 Sn 11:04:25.270 -1.3 T__ --- 189408 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 1.14 311.1 Lg 11:04:26.147 -2.0 T__ --- 189410 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/25 11:32:36.37 0.34 0.35 47.5466 18.3989 5.1 3.0 112 0.0A 0.0 10 8 103 0.09 1.34 m kx BUD 18001362 BUD 360

```



2022/03/25 11:32:34.13 0.91 1.29 47.5577 18.4810f 0.0f 10 8 106 0.10 1.35 kx BUD\_GT 18001363 BUD\_GT 161  
 (locality : Tatabánya Hungary)  
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.10	320.5	Pg	11:32:37.938	1.2					T__		1613.5		___	ML	1.8	189449	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	11:32:39.107	-0.2					T__				---		189450	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)		(Station ML: 1.8 magdef=1)																			
CSKK	0.25	217.6	Pg	11:32:39.998	0.4					T__		190.4		___	ML	1.3	189452	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	11:32:42.408	-1.9					T__				---		189451	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)		(Station ML: 1.3 magdef=1)																			
SRO	0.28	336.2	Lg	11:32:44.975	-0.4					T__				---		189453	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.75	239.1	Lg	11:32:58.819	-1.7					T__				---		189454	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.79	260.2	Lg	11:32:59.663	-2.3					T__				---		189455	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.97	14.1	Lg	11:33:08.425	0.5					T__				---		189456	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.02	68.8	Lg	11:33:10.729	-0.3					T__				---		189457	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.35	175.2	Sn	11:33:19.699	1.1					T__				---		189458	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  
 2022/03/25 12:32:02.61 0.97 0.94 47.8621 20.1540 5.7 3.4 163 0.0f 16 9 111 0.18 1.56 sx BUD 18001364 BUD 216

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ML	1.6	0.1	7 BUD	18001364																					
PSZ	0.18	288.0	Pg	12:32:07.404	0.3					T__		693.9		___	ML	1.7	189493	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	288.0	Lg	12:32:10.143	-0.6					T__				---		189496	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)		(Station ML: 1.7 magdef=1)																			
ET1H	0.19	275.2	Pg	12:32:07.623	0.5					T__		576.3		___	ML	1.6	189494	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	275.2	Lg	12:32:10.216	-0.4					T__				---		189497	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)		(Station ML: 1.6 magdef=1)																			
HU23A	0.23	163.8	Lg	12:32:11.304	-0.9					T__				---		189498	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.36	43.6	Pg	12:32:10.460	-0.0					T__		129.2		___	ML	1.4	189500	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	43.6	Lg	12:32:15.646	-1.0					T__				---		189499	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)		(Station ML: 1.4 magdef=1)																			
KECS	0.66	19.5	Pg	12:32:16.787	0.9					T__		96.0		___	ML	1.8	189501	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.66	19.5	Lg	12:32:25.624	-0.4					T__				---		189502	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)		(Station ML: 1.8 magdef=1)																			
JOS	0.68	22.0	Pg	12:32:16.361	0.0					T__		57.6		___	ML	1.6	189504	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.0	Lg	12:32:26.440	-0.4					T__				---		189503	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)		(Station ML: 1.6 magdef=1)																			
ABAH	0.85	58.8	Pg	12:32:21.418	1.9					T__		87.5		___	ML	1.9	189492	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	58.8	Lg	12:32:31.533	-1.7					T__				---		189505	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
VYHS 1.09 306.1 Pn 12:32:24.686 0.6 T__ 17.0 ___ ML 1.3 189495 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.09 306.1 Lg 12:32:39.549 -0.8 T__ ___ 189506 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
NIE 1.56 3.5 Sn 12:32:53.278 0.4 T__ ___ 189507 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
2022/03/25 12:50:27.72 1.57 0.08 48.4899 20.8005 13.5 5.9 22 0.0f 6 4 211 0.17 0.41 sx BUD 18001366 BUD 294

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 272.1 Pg 12:50:31.460 0.0 T__ 113.3 ___ ML 0.8 189536 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 272.1 Lg 12:50:34.281 -0.1 T__ ___ 189538 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
KECS 0.21 268.3 Pg 12:50:32.163 0.0 T__ 209.4 ___ ML 1.2 189537 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 268.3 Lg 12:50:35.496 -0.1 T__ ___ 189539 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ABAH 0.35 123.4 Lg 12:50:41.194 -0.1 T__ ___ 189540 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.41 206.7 Lg 12:50:43.315 0.0 T__ ___ 189541 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/03/25 20:30:13.92 2.25 1.68 45.7108 20.4665 15.5 9.2 49 16.0f 8 6 123 0.66 1.37 ke BUD 18001368 BUD 196

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
AMBH 0.66 15.7 Lg 20:30:36.927 -0.3 T__ ___ 189571 FDSN HU -- BUD iLoc HHN ??? _
FRGS 0.72 220.1 Sn 20:30:36.598 -2.9 T__ ___ 189570 FDSN SJ -- BUD iLoc BHN ??? _
BZS 0.81 96.2 Pn 20:30:29.643 0.1 T__ 31.5 ___ ML 1.4 189573 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.81 96.2 Lg 20:30:41.062 0.1 T__ ___ 189572 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SIRR 1.00 55.8 Pn 20:30:32.273 0.2 T__ 30.1 ___ ML 1.5 189574 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 1.00 55.8 Sn 20:30:46.183 -0.1 T__ ___ 189575 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU22A 1.12 304.0 Sn 20:30:50.231 1.5 T__ ___ 189576 FDSN ZJ 00 BUD iLoc HHE ??? _
MORH 1.37 292.3 Sn 20:30:56.667 1.8 T__ ___ 189577 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
2022/03/26 09:55:48.49 0.96 0.90 46.1649 18.2829 9.0 3.4 154 0.0f 9 7 160 0.15 1.20 sx BUD 18001374 BUD 254

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Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	239.0	Pg	09:55:52.550	0.4					T__		653.9		---	ML	1.5	189749	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	239.0	Lg	09:55:54.152	-0.9					T__				---		189751	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
MORH	0.26	78.6	Pg	09:55:54.613	0.5					T__		196.9		---	ML	1.3	189750	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.26	78.6	Lg	09:55:58.482	-0.2					T__				---		189752	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
A266A	0.36	358.0	Lg	09:56:02.494	0.2					T__				---		189753	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU22A	0.61	74.2	Lg	09:56:10.779	-0.6					T__				---		189754	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A272A	0.75	38.9	Lg	09:56:14.733	-1.5					T__				---		189755	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	1.13	333.3	Sn	09:56:26.236	-1.0					T__				---		189756	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	1.20	359.3	Sn	09:56:29.299	0.0					T__				---		189757	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
2022/03/26	10:17:44.77	1.10	1.55	48.2326	21.2233	6.8	4.1	141	0.0f		16	11	88	0.06	1.61	sx	BUD	18001376	BUD			153

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	18001376

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.06	9.8	Pg	10:17:46.542	-0.1					T__		21698.6		_c	ML	2.8	189788	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	9.8	Lg	10:17:47.574	-0.9					T__				---		189794	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.8 magdef=1)																					
				(Station ML: 2.8 magdef=1)																					
HU02A	0.48	257.0	Pg	10:17:55.317	0.3					T__		85.9		---	ML	1.6	189790	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	257.0	Lg	10:18:01.991	-0.8					T__				---		189795	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
JOS	0.53	300.3	Pg	10:17:56.336	1.0					T__		99.5		---	ML	1.8	189789	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	300.3	Lg	10:18:03.261	-0.2					T__				---		189796	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
KECS	0.55	297.3	Lg	10:18:03.790	-0.6					T__				---		189797	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU05A	0.68	184.9	Lg	10:18:08.876	-1.6					T__				---		189798	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TRPA	0.89	96.1	Lg	10:18:14.560	-2.1					T__				---		189799	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.94	251.1	Lg	10:18:17.337	-1.5					T__				---		189791	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	249.2	Pn	10:18:05.333	0.8					T__		75.3		---	ML	1.9	189792	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	249.2	Lg	10:18:18.261	-1.2					T__				---		189801	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
KOLS	0.99	44.4	Pg	10:18:05.374	1.7					T__				---		189793	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.99	44.4	Lg	10:18:17.717	-2.0					T__				---		189800	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	1.33	333.1	Lg	10:18:28.563	-1.0					T__				---		189802	FDSN	PL	--	BUD	iLoc	BHN	???	_	
VYHS	1.61	280.2	Sn	10:18:39.299	3.1					T__				---		189803	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	
2022/03/27	00:26:33.31	1.00	0.75	47.8066	16.2467	7.2	3.4	23	3.8		19.9	12	7	113	0.11	1.26	ke	BUD	18001380	BUD			182

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.6 4 BUD 18001380

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	162.6	Pg	00:26:35.760	-0.2					T__						189880	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.11	162.6	Lg	00:26:37.914	0.1					T__						189881	FDSN	OE	--	BUD	iLoc	HHE	???	_	
SOP	0.24	120.3	Pg	00:26:38.218	-0.1					T__		54.5		---	ML	0.7	189883	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	120.3	Lg	00:26:41.768	-0.1					T__						189882	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
CONA	0.29	295.3	Pg	00:26:39.457	0.2					T__		56.9		---	ML	0.9	189879	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	295.3	Lg	00:26:42.795	-0.5					T__						189886	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
ARSA	0.74	221.7	Pg	00:26:47.488	-0.2					T__		37.4		---	ML	1.5	189884	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	221.7	Lg	00:26:57.218	0.2					T__						189887	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
EGYH	0.83	117.6	Lg	00:27:02.639	1.0					T__						189889	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A019A	0.86	245.7	Lg	00:27:01.663	0.4					T__						189888	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KRUC	1.26	4.4	Pn	00:26:55.903	-1.2					T__		36.1		---	ML	1.8	189885	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.26	4.4	Sn	00:27:13.260	-1.2					T__						189890	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/27 11:14:28.09 1.53 0.75 48.2487 21.5521 23.4 7.4 5 10.0f 7 5 183 0.21 0.84 ke BUD 18001382 BUD 248

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.21	282.9	Pg	11:14:33.251	0.4					T__		72.5		---	ML	0.8	189943	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.21	282.9	Lg	11:14:36.549	-0.3					T__						189944	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
TRPA	0.67	99.8	Lg	11:14:50.561	-0.8					T__						189949	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.72	290.5	Pg	11:14:42.182	-0.1					T__		30.5		---	ML	1.4	189945	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.72	290.5	Lg	11:14:51.457	-1.1					T__						189946	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.75	288.7	Lg	11:14:53.426	-0.1					T__						189948	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.84	34.7	Lg	11:14:56.874	0.5					T__						189947	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  
 2022/03/27 21:20:38.19 1.24 1.00 47.8200 16.2816 7.9 4.9 14 0.0f 8 6 122 0.12 1.25 ke BUD 18001386 BUD 195

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
RONA	0.12	175.3	Pg	21:20:40.736	-0.2					T__						190021	FDSN	OE	--	BUD	iLoc	HHZ	???	_

RONA	0.12	175.3	Lg	21:20:42.729	-0.3	T__									190022	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.23	126.1	Pg	21:20:43.265	0.1	T__	34.5								0.5	190024	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.23	126.1	Lg	21:20:46.603	-0.0	T__										190023	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1)																								
(Station ML: 0.5 magdef=0)																								
CONA	0.30	291.1	Lg	21:20:48.398	-0.2	T__										190020	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	0.77	222.3	Lg	21:21:03.451	0.8	T__										190026	FDSN	OE	--	BUD	iLoc	HHN	???	_
A019A	0.89	245.6	Lg	21:21:07.414	0.5	T__										190027	FDSN	Z3	00	BUD	iLoc	HH2	???	_
KRUC	1.25	3.4	Sn	21:21:17.821	-2.0	T__										190025	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/28	07:31:02.55	0.49	0.36	48.1150	20.6928	6.4	3.5	150	0.0A	0.0	10	6	183	0.11	0.60	m	kx BUD	18001392	BUD			360	
2022/03/28	07:31:00.42	0.93	1.51	48.0471	20.6805f				0.0f		10	6	196	0.13	0.57		kx BUD_GT	18001393	BUD_GT			264	
(locality : Miskolc-Mexikóvölgy Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	18001393

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	07:31:04.363	0.7					T__		347.2		_c_	ML	1.2	190158	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	07:31:05.715	-0.7					T__						190160	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.45	56.1	Pg	07:31:10.561	0.9					T__		120.2		___	ML	1.6	190164	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	07:31:15.090	-2.4					T__						190165	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.46	343.5	Pg	07:31:10.932	1.2					T__		139.7		___	ML	1.7	190161	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	343.5	Lg	07:31:14.694	-2.1					T__						190162	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.46	348.2	Pg	07:31:10.663	0.9					T__		78.9		___	ML	1.5	190159	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	07:31:14.433	-2.4					T__						190163	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.54	256.6	Lg	07:31:20.654	-0.2					T__						190166	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.57	253.1	Lg	07:31:21.662	0.4					T__						190167	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	
2022/03/28	07:39:26.91	0.56	0.45	48.0814	20.7631	7.0	3.7	152	0.0A	0.0	10	6	195	0.16	0.63	m	kx BUD	18001394	BUD			360	
2022/03/28	07:39:25.41	0.93	1.44	48.0471	20.6805f				0.0f		10	6	196	0.13	0.57		kx BUD_GT	18001395	BUD_GT			264	
(locality : Miskolc-Mexikóvölgy Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	18001395

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	07:39:29.488	0.9					T__		382.9		___	ML	1.2	190216	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.13	305.8	Lg	07:39:31.369	-0.1	T__								190220	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																						
(Station ML: 1.2 magdef=1)																						
ABAH	0.45	56.1	Pg	07:39:33.604	-1.1	T__	130.2							190219	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	07:39:39.374	-3.1	T__								190221	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
KECS	0.46	343.5	Pg	07:39:35.996	1.3	T__	101.3							190217	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	343.5	Lg	07:39:40.611	-1.2	T__								190222	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
JOS	0.46	348.2	Pg	07:39:35.793	1.1	T__	89.0							190218	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	07:39:40.855	-1.0	T__								190225	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																						
(Station ML: 1.5 magdef=1)																						
PSZ	0.54	256.6	Lg	07:39:46.604	0.8	T__								190223	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.57	253.1	Lg	07:39:47.317	1.0	T__								190224	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
2022/03/28	07:45:29.29	2.71	0.60	45.9375	18.3816	19.2	6.1	171	0.0f		6	3	274	0.25	0.59		sx BUD	18001396	BUD			318

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	3 BUD	18001396

Sta	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	0.25	307.6	Pg	07:45:35.149	0.3					T__		84.1			ML	0.9	190249	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.25	307.6	Lg	07:45:38.253	-0.9					T__						190251	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MORH	0.33	33.2	Pg	07:45:36.536	0.1					T__		56.5			_c ML	1.0	190250	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.33	33.2	Lg	07:45:41.832	-0.3					T__						190252	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A266A	0.59	352.2	Pg	07:45:41.807	0.2					T__		176.1			ML	2.1	190254	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.59	352.2	Lg	07:45:51.155	0.4					T__						190253	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/28	07:53:21.11	1.08	1.36	48.2096	21.4755	9.4	4.0	3	0.0f		13	8	157	0.18	1.13		sx BUD	18001398	BUD			217

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	18001398

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.18	298.9	Pg	07:53:26.183	1.0					T__		630.6			ML	1.6	190284	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	298.9	Lg	07:53:28.192	-0.6					T__						190292	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.64	262.5	Pg	07:53:34.363	-0.2					T__		70.3			ML	1.7	190285	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.64	262.5	Lg	07:53:44.735	-0.0	T__	---	190286	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
				(Reading ML: 1.7 magdef=1															
				(Station ML: 1.7 magdef=1															
JOS	0.69	295.0	Pg	07:53:35.281	0.4	T__	92.1	---	ML	1.8	190291	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	295.0	Lg	07:53:44.041	-1.2	T__	---	---	---	---	190293	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.8 magdef=1															
				(Station ML: 1.8 magdef=1															
KECS	0.71	292.9	Lg	07:53:44.888	-1.3	T__	---	---	---	---	190294	FDSN	SK	--	BUD	iLoc	EHN	???	_
TRPA	0.72	96.0	Pg	07:53:35.751	0.6	T__	110.5	---	ML	1.9	190288	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.72	96.0	Lg	07:53:46.634	-0.7	T__	---	---	---	---	190287	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.9 magdef=1															
				(Station ML: 1.9 magdef=1															
KOLS	0.90	35.9	Pg	07:53:38.819	0.5	T__	---	---	---	---	190289	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.90	35.9	Lg	07:53:49.373	-3.4	T__	---	---	---	---	190295	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.10	255.2	Sn	07:53:59.522	-0.7	T__	---	---	---	---	190296	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.13	253.5	Sn	07:54:00.657	0.3	T__	---	---	---	---	190290	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
2022/03/28	09:00:19.45	1.28	0.84	48.5177	20.7620	9.0	3.7	12	0.0f		14	7	215	0.15	1.28	sx	BUD	18001400	BUD			292

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	7 BUD	18001400

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.15	261.7	Pg	09:00:22.777	0.1					T__		220.9		---	ML	1.1	190333	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	261.7	Lg	09:00:25.547	0.3					T__				---	---	190342	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1																					
				(Station ML: 1.1 magdef=0																					
KECS	0.19	259.5	Pg	09:00:23.265	-0.2					T__	625.0			---	ML	1.6	190334	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	259.5	Lg	09:00:26.597	0.1					T__				---	---	190343	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=1																					
ABAH	0.39	124.7	Pg	09:00:27.881	0.4					T__	129.8			---	ML	1.5	190332	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	124.7	Lg	09:00:32.856	-1.4					T__				---	---	190344	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
HU02A	0.43	201.9	Pg	09:00:28.975	0.4					T__	79.4			---	ML	1.4	190335	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	201.9	Lg	09:00:35.194	-0.3					T__				---	---	190338	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
PSZ	0.83	224.4	Pg	09:00:37.760	0.7					T__	133.6			---	ML	2.1	190336	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.83	224.4	Lg	09:00:48.853	-0.8					T__				---	---	190345	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1																					
				(Station ML: 2.1 magdef=0																					
ET1H	0.87	223.3	Pn	09:00:38.583	0.7					T__	84.6			---	ML	1.9	190337	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	223.3	Lg	09:00:49.968	-0.6					T__				---	---	190339	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1																					
				(Station ML: 1.9 magdef=1																					
VYHS	1.28	269.7	Pn	09:00:43.937	0.2					T__	32.1			---	ML	1.7	190341	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	269.7	Sn	09:01:01.201	-1.8					T__				---	---	190340	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/28	10:00:18.73	0.91	0.77	48.1276	17.0002	6.2	3.4	124	0.0f	16	11	86	0.31	1.54	sx	BUD	18001402	BUD				155

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	3 BUD	18001402

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.31	36.9	Pg	10:00:25.690	0.2					T__						190385	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	36.9	Lg	10:00:30.273	-0.6					T__						190388	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.64	228.1	Pg	10:00:31.223	-0.3					T__						190387	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.64	228.1	Lg	10:00:39.458	-0.6					T__						190393	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.79	255.8	Lg	10:00:44.521	-0.2					T__						190389	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.86	31.1	Pg	10:00:37.011	0.7					T__		114.9			ML	2.0	190390	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.86	31.1	Lg	10:00:48.843	-0.7					T__						190394	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KRUC	1.02	337.0	Pg	10:00:39.293	1.0					T__		107.7			ML	2.1	190386	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.02	337.0	Lg	10:00:52.641	-0.7					T__						190395	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MPLH	1.03	159.0	Lg	10:00:53.847	-0.2					T__						190396	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VRAC	1.21	347.3	Pg	10:00:41.847	0.2					T__		25.5			ML	1.6	190392	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.21	347.3	Lg	10:00:58.645	-0.8					T__						190391	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	1.28	72.7	Sn	10:01:01.881	-0.4					T__						190398	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	1.33	229.2	Lg	10:01:02.343	1.3					T__						190397	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO19A	1.46	242.9	Sn	10:01:07.191	0.9					T__						190399	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
TREC	1.54	319.9	Sn	10:01:06.981	-0.8					T__						190400	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/28	10:04:41.70	1.05	1.14	47.3845	18.3782	9.4	3.1	143	0.0f	22	15	107	0.08	1.63	sx	BUD	18001404	BUD				125

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	7 BUD	18001404

Sta	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	255.1	Pg	10:04:44.138	0.1					T__		2057.6			ML	1.8	190442	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	255.1	Lg	10:04:45.572	-0.8					T__						190460	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU09A	0.25	0.6	Lg	10:04:52.092	-0.0					T__						190461	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.31	278.8	Lg	10:04:53.030	-1.0					T__						190462	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.43	354.2	Lg	10:04:58.221	-0.0					T__						190459	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.61	249.7	Pg	10:04:55.051	0.8					T__		69.3			ML	1.7	190444	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.61	249.7	Lg	10:05:03.012	-0.6					T__						190443	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
HU10A	0.63	43.0	Pg	10:04:55.147	0.2					T__		180.2			ML	2.1	190445	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_



HU10A	0.63	43.0	Lg	10:05:03.912	-1.4	T__							190446	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																					
(Station ML: 2.1 magdef=1)																					
ET1H	1.12	63.3	Pn	10:05:04.391	0.8	T__	98.0			ML	2.1	190448	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	1.12	63.3	Sn	10:05:19.655	-1.3	T__							190447	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																					
(Station ML: 2.1 magdef=1)																					
VYHS	1.15	15.3	Pn	10:05:05.873	1.7	T__	39.9			ML	1.7	190452	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.15	15.3	Lg	10:05:21.174	-0.7	T__							190451	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																					
(Station ML: 1.7 magdef=1)																					
PSZ	1.16	61.9	Pn	10:05:04.800	0.6	T__	118.9			ML	2.2	190449	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	1.16	61.9	Sn	10:05:20.503	-1.7	T__							190450	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																					
(Station ML: 2.2 magdef=1)																					
MORH	1.18	171.1	Sn	10:05:20.155	-1.9	T__							190463	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.24	323.6	Sn	10:05:23.383	-0.8	T__							190453	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.31	188.5	Sn	10:05:24.810	-0.4	T__							190454	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.45	283.4	Sn	10:05:28.361	-0.3	T__							190455	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	1.55	342.5	Sn	10:05:34.745	2.2	T__							190456	FDSN	CZ	--	BUD	iLoc	HHN	???	_
HU02A	1.63	62.2	Pn	10:05:11.878	1.2	T__	90.8			ML	2.4	190458	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	1.63	62.2	Sn	10:05:33.863	0.6	T__							190457	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																					
(Station ML: 2.4 magdef=0)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/28	10:58:08.10	0.90	0.95	48.4719	19.5685	4.3	3.7	169	0.0f		11	7	113	0.49	1.06	sx	BUD	18001406	BUD			208

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	4 BUD	18001406

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.49	272.9	Pg	10:58:18.274	0.2					T__		42.5			ML	1.3	190499	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	272.9	Lg	10:58:24.829	-0.6					T__						190500	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU03A	0.57	177.9	Pg	10:58:20.945	0.9					T__	147.5				ML	2.0	190501	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.57	177.9	Lg	10:58:28.459	-0.2					T__						190503	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.60	158.4	Lg	10:58:29.078	-1.1					T__						190502	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.61	88.6	Lg	10:58:29.160	-0.4					T__						190504	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.65	87.5	Pg	10:58:21.379	0.4					T__	117.1				ML	1.9	190506	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	87.5	Lg	10:58:30.171	-0.6					T__						190505	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	0.73	118.4	Lg	10:58:33.179	-1.4					T__						190507	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	1.06	26.7	Pg	10:58:29.196	1.0					T__	79.3				ML	2.0	190509	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.06	26.7	Lg	10:58:42.708	-1.0					T__						190508	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/28	13:51:54.20	1.05	0.60	47.9253	16.1082	6.6	4.1	15	0.0f	8	6	98	0.17	1.15	sx	BUD	18001408	BUD				150

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	271.1	Pg	13:51:57.443	-0.3					T__		182.8		___	ML	1.0	190533	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	271.1	Lg	13:52:00.620	0.4					T__				___		190534	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
RONA	0.26	150.6	Pg	13:51:59.470	-0.2					T__				___		190536	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.26	150.6	Lg	13:52:03.140	-0.3					T__				___		190535	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.78	210.6	Lg	13:52:20.234	1.0					T__				___		190538	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A019A	0.84	235.6	Lg	13:52:21.169	-0.2					T__				___		190539	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
MODS	0.90	59.8	Lg	13:52:26.915	0.4					T__				___		190540	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.15	9.4	Sn	13:52:34.023	0.4					T__				___		190537	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/28	13:58:41.77	0.93	0.70	47.8668	16.0495	5.6	3.8	21	0.0f	9	6	77	0.14	1.22	sx	BUD	18001410	BUD					152

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	296.0	Pg	13:58:44.497	-0.3					T__		133.9		___	ML	0.8	190559	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	296.0	Lg	13:58:46.953	-0.1					T__				___		190562	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
RONA	0.24	135.0	Pg	13:58:46.396	-0.4					T__				___		190561	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	135.0	Lg	13:58:50.158	-0.1					T__				___		190560	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.71	210.2	Lg	13:59:05.104	0.6					T__				___		190563	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A019A	0.78	237.5	Lg	13:59:07.512	0.6					T__				___		190564	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	0.97	57.9	Pg	13:59:02.611	1.2					T__				___		190566	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.97	57.9	Lg	13:59:15.539	-0.7					T__				___		190565	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.22	10.8	Sn	13:59:22.605	-0.1					T__				___		190567	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/29	07:40:51.00	4.44	0.58	46.8764	22.7307	27.8	23.0	59	0.0f	7	6	281	0.09	1.60	sx	BUD	18001414	BUD					302

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.09	189.0	Pg	07:40:53.143	0.0					T__		298.5		___	ML	1.0	190636	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.09	189.0	Lg	07:40:55.006	-0.0					T__				___		190640	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
SIRR	0.96	230.9	Lg	07:41:24.068	-0.1					T__				___		190641	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DEV	1.00	173.1	Lg	07:41:24.266	0.1					T__				___		190637	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.48	211.9	Sn	07:41:38.879	0.2					T__				___		190642	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.48	178.7	Sn	07:41:38.800	-0.6					T__				___		190638	FDSN	RO	--	BUD	iLoc	HHN	???	_	

LOT 1.60 152.8 Sn 07:41:41.722 -1.0 T\_\_ --- 190639 FDSN RO -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/29	08:03:16.35	0.97	0.99	48.5112	17.5133	7.0	3.3	130	0.0f		8	6	134	0.21	1.25	sx	BUD	18001416	BUD			208

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.21	228.8	Pg	08:03:20.760	-0.4					T__						190660	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.21	228.8	Lg	08:03:24.157	-0.9					T__						190662	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.36	16.6	Pg	08:03:23.700	-0.5					T__	82.8			---	ML	1.2	190661	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	16.6	Lg	08:03:30.310	0.0					T__						190663	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
VYHS	0.88	90.6	Lg	08:03:47.765	0.9					T__						190664	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.92	307.1	Lg	08:03:48.557	0.9					T__						190665	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.15	225.6	Lg	08:03:54.710	0.6					T__						190666	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.25	242.8	Lg	08:03:58.371	1.3					T__						190667	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/29	08:07:38.53	1.94	1.06	48.8616	21.1289	15.6	7.6	160	0.0f		8	5	215	0.54	0.84	sx	BUD	18001418	BUD				303

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 3 BUD 18001418

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.54	227.1	Pg	08:07:49.592	0.4					T__		47.4		---	ML	1.5	190687	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	227.1	Lg	08:07:56.952	-0.4					T__						190690	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.57	228.6	Pg	08:07:50.030	0.1					T__	96.9			---	ML	1.8	190688	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.57	228.6	Lg	08:07:57.865	-0.7					T__						190691	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.57	172.5	Lg	08:07:59.107	-0.4					T__						190692	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.76	84.1	Lg	08:08:04.292	-1.0					T__						190693	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.84	208.7	Pg	08:07:57.122	1.3					T__	44.3			---	ML	1.6	190689	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	208.7	Lg	08:08:07.360	-1.4					T__						190694	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/29	08:46:53.36	0.24	0.44	47.8241	19.1310	3.8	2.2	170	0.0A	0.0	18	13	88	0.08	1.42	m	kx	BUD	18001420	BUD			360
2022/03/29	08:46:51.37	0.85	1.10	47.8327	19.1394f				0.0f		18	13	89	0.08	1.42	kx	BUD_GT	18001421	BUD_GT			127	

(locality : Sejce-Vác Hungary)  
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 5 BUD 18001421

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.08	278.8	Pg	08:46:54.257	0.7					T__		5644.4		---	ML	2.3	190764	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	08:46:55.115	-0.4					T__				---		190767	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU03A	0.32	76.9	Pg	08:46:59.605	1.3					T__		165.6		---	ML	1.4	190769	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	08:47:03.695	0.2					T__				---		190768	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
BUD	0.36	192.6	Lg	08:47:04.219	-1.1					T__				---		190770	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	0.50	84.3	Pg	08:47:02.401	0.4					T__		63.4		---	ML	1.5	190765	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	08:47:09.503	-0.3					T__				---		190771	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.52	80.1	Lg	08:47:09.687	-1.2					T__				---		190772	FDSN	GE	--	BUD	iLoc	HHN	???	_	
SRD	0.56	268.3	Lg	08:47:11.138	-1.0					T__				---		190773	FDSN	SK	--	BUD	iLoc	EHN	???	_	
VYHS	0.69	343.1	Pg	08:47:06.564	1.0					T__		20.7		---	ML	1.2	190775	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	08:47:15.328	-0.5					T__				---		190774	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
CSKK	0.76	232.0	Lg	08:47:17.149	-1.9					T__				---		190776	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU23A	0.77	104.1	Lg	08:47:18.515	-1.0					T__				---		190777	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.92	244.4	Lg	08:47:22.256	-1.8					T__				---		190778	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.2	Pg	08:47:12.626	1.1					T__		87.7		---	ML	2.0	190766	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	08:47:25.079	-1.9					T__				---		190779	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MPLH	1.27	239.2	Sn	08:47:34.279	-0.0					T__				---		190780	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JAVC	1.42	316.9	Sn	08:47:39.459	0.3					T__				---		190781	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/03/29 09:26:02.70 1.19 1.44 46.1233 21.6015 12.6 4.0 94 0.0f 11 6 196 0.15 1.66 sx BUD 18001424 BUD 244

Magnitude Err Nsta Author OrigID  
 ML 2.3 0.2 5 BUD 18001424

Sta	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	15.6	Pg	09:26:06.591	0.3					T__		1229.1		---	ML	1.8	190850	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.15	15.6	Lg	09:26:08.791	-0.5					T__				---		190857	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	0.51	178.8	Pg	09:26:12.744	-0.0					T__		80.2		---	ML	1.6	190851	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.51	178.8	Lg	09:26:19.819	-0.3					T__				---		190858	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
DRGR	1.02	48.5	Pg	09:26:23.388	0.4					T__		168.3		---	ML	2.3	190855	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.02	48.5	Lg	09:26:34.854	-3.1					T__				---		190856	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
GZR	1.10	131.2	Pg	09:26:24.650	1.0					T__		197.0		---	ML	2.4	190852	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.10	131.2	Lg	09:26:38.088	-0.9					T__				---		190853	FDSN	RO	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=1  
 CJR 1.50 66.1 Pn 09:26:31.844 1.5 T\_\_ 175.4 \_\_\_ ML 2.6 190849 FDSN RO -- BUD iLoc HHZ HHZ \_  
 CJR 1.50 66.1 Sn 09:26:50.030 -1.4 T\_\_ \_\_\_ 190848 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.6 magdef=1  
 (Station ML: 2.6 magdef=0  
 LOT 1.66 113.2 Sn 09:26:55.252 -0.4 T\_\_ \_\_\_ 190854 FDSN RO -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/29	11:36:49.36	1.30	0.92	47.8156	19.1193	13.9	3.7	8	0.0f	13	8	211	0.07	1.36	sx	BUD	18001428	BUD				215

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	18001428

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	293.6	Pg	11:36:51.746	0.4					T__		405.5		___	ML	1.1	191004	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	293.6	Lg	11:36:52.413	-0.8					T__				___		191008	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																									
ET1H	0.51	82.6	Lg	11:37:07.705	-0.6					T__				___		191009	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.53	78.6	Pg	11:37:01.193	0.2					T__		44.3		___	ML	1.4	191011	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.53	78.6	Lg	11:37:09.373	-0.1					T__				___		191010	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
VYHS	0.70	344.5	Lg	11:37:14.157	-0.1					T__				___		191005	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.99	71.5	Pn	11:37:10.066	0.5					T__		39.2		___	ML	1.6	191007	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	71.5	Sn	11:37:24.454	-1.2					T__				___		191006	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
KECS	1.13	53.4	Pn	11:37:11.437	0.0					T__		94.6		___	ML	2.1	191013	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.13	53.4	Sn	11:37:28.966	0.2					T__				___		191012	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0)																									
JOS	1.17	53.9	Pn	11:37:12.033	0.1					T__		43.0		___	ML	1.8	191014	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.17	53.9	Sn	11:37:29.435	-0.2					T__				___		191015	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
MODS	1.36	295.0	Sn	11:37:32.600	-2.3					T__				___		191016	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	
2022/03/29	19:24:28.12	1.20	0.48	47.9378	20.1033	22.7	3.4	156	0.0f	6	3	192	0.14	0.34	ke	BUD	18001432	BUD					347

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.1	3 BUD	18001432

Sta	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	262.2	Pg	19:24:32.099	0.3					T__		111.8		_d_	ML	0.7	191068	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.14	262.2	Lg	19:24:34.199	-0.6					T__				___		191073	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1)																									

ET1H	0.17	249.5	Pg	19:24:32.346	0.2	T__	23.7	___	ML	0.1	191070	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.17	249.5	Lg	19:24:34.902	-0.4	T__		---			191069	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.1 magdef=1)																			
(Station ML: 0.1 magdef=1)																			
HU02A	0.34	56.7	Pg	19:24:35.550	0.0	T__	28.5	___	ML	0.7	191072	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.34	56.7	Lg	19:24:41.439	0.1	T__		---			191071	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/30	06:07:22.13	0.29	0.51	47.3090	18.3025	3.6	3.0	127	0.0A	0.0	15	11	106	0.06	1.27	m	kx	BUD	18001434	BUD		360
2022/03/30	06:07:20.15	0.89	0.74	47.3167	18.3081f				0.0f		15	11	106	0.06	1.27		kx	BUD_GT	18001435	BUD_GT		125
(locality : Magyaralmás Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	18001435

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	06:07:22.281	0.3					T__		1945.8		___	ML	1.7	191105	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	06:07:23.272	-0.6					T__				---		191106	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU08A	0.29	293.8	Lg	06:07:31.068	-0.5					T__				---		191107	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.33	8.9	Lg	06:07:32.488	-0.6					T__				---		191108	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.54	254.6	Pg	06:07:32.383	1.0					T__	47.2			___	ML	1.5	191116	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.54	254.6	Lg	06:07:39.201	-0.7					T__				---		191109	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU10A	0.71	42.0	Lg	06:07:45.260	-1.4					T__				---		191110	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.13	168.1	Lg	06:07:57.854	-1.0					T__				---		191117	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.20	61.4	Sn	06:08:00.923	-0.3					T__				---		191111	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.23	16.6	Pn	06:07:44.876	1.2					T__	18.9			___	ML	1.5	191113	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.23	16.6	Sn	06:08:02.193	-0.3					T__				---		191114	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	1.23	60.1	Pn	06:07:44.474	0.8					T__	40.2			___	ML	1.8	191112	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	60.1	Sn	06:08:02.195	-0.3					T__				---		191119	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOVH	1.24	186.7	Sn	06:08:02.111	0.3					T__				---		191118	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.27	327.1	Sn	06:08:03.480	0.2					T__				---		191115	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	
2022/03/30	08:02:49.18	1.36	1.41	47.4215	18.3826	13.2	4.6	125	0.0f		10	7	106	0.10	1.22		sx	BUD	18001436	BUD			169

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	18001436

Sta	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	234.9	Pg	08:02:52.413	0.6	T__	750.9	---	ML	1.5	191147	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	234.9	Lg	08:02:53.364	-1.1	T__		---			191148	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU09A	0.22	360.0	Lg	08:02:58.326	0.0	T__		---			191150	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	0.31	272.0	Lg	08:03:01.108	-0.4	T__		---			191151	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	1.11	65.0	Pn	08:03:10.939	0.1	T__	28.4	---	ML	1.6	191149	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.11	65.0	Sn	08:03:25.989	-2.0	T__		---			191152	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
VYHS	1.12	15.7	Lg	08:03:27.206	-0.9	T__		---			191155	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.14	63.5	Pn	08:03:11.873	0.4	T__	53.2	---	ML	1.9	191154	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.14	63.5	Sn	08:03:27.248	-2.0	T__		---			191153	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MORH	1.22	171.5	Sn	08:03:28.611	-1.8	T__		---			191156	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
2022/03/30	08:11:30.06	1.16	1.09	48.5878	20.7892	6.7	4.2	6	0.0f		12	7	155	0.19	0.94	sx	BUD	18001438	BUD			251

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	5 BUD	18001438

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	241.1	Pg	08:11:34.538	0.5					T__		194.7		---	ML	1.1	191186	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	241.1	Lg	08:11:37.572	0.4					T__				---		191192	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
KECS	0.23	242.7	Pg	08:11:35.214	0.4					T__		358.0		---	ML	1.5	191187	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	242.7	Lg	08:11:38.779	0.3					T__				---		191188	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.42	134.1	Pg	08:11:39.563	0.9					T__		74.3		---	ML	1.3	191189	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	134.1	Lg	08:11:44.378	-1.5					T__				---		191193	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.50	200.8	Pg	08:11:40.035	-0.5					T__		39.7		---	ML	1.3	191190	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	200.8	Lg	08:11:48.168	-0.4					T__				---		191194	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
NIE	0.89	339.0	Lg	08:11:57.947	-1.6					T__				---		191195	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	0.90	222.1	Pn	08:11:50.230	1.2					T__		49.1		---	ML	1.7	191197	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.90	222.1	Lg	08:12:01.164	-1.3					T__				---		191196	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ET1H	0.94	221.2	Lg	08:12:02.554	-0.8					T__				---		191191	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
2022/03/30	08:52:32.85	3.64	0.63	46.5011	17.1416	43.3	7.4	178	0.0f		8	4	224	0.78	1.35	sx	BUD	18001440	BUD			240

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 4 BUD 18001440

Sta	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	0.78	121.5	Pg	08:52:48.550	-0.3					T__		108.3		---	ML	2.0 191226	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.78	121.5	Lg	08:53:00.364	0.6					T__				---		191227	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
PTJ	1.01	234.3	Pg	08:52:53.304	0.1					T__		46.1		---	ML	1.7 191229	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.01	234.3	Lg	08:53:06.716	-0.2					T__				---		191231	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
MORH	1.08	104.8	Pn	08:52:54.841	0.9					T__		27.7		---	ML	1.5 191228	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.08	104.8	Sn	08:53:09.629	-0.5					T__				---		191232	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
CRES	1.35	240.6	Pn	08:52:58.118	-0.4					T__		38.7		---	ML	1.8 191230	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.35	240.6	Sn	08:53:16.668	-0.5					T__				---		191233	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/30	08:59:53.54	0.96	0.54	48.8118	16.1575	8.1	4.0	111	0.0f		13	8	118	0.30	1.62	sx	BUD	18001442	BUD			181

Magnitude Err Nsta Author OrigID  
ML 1.8 0.3 4 BUD 18001442

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KRUC	0.30	32.0	Pg	08:59:59.615	0.3					T__		184.8		---	ML	1.4 191271	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.30	32.0	Lg	09:00:03.647	-0.2					T__				---		191273	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
VRAC	0.57	29.8	Lg	09:00:12.501	-0.5					T__				---		191272	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MODS	0.86	120.1	Lg	09:00:23.843	-0.4					T__				---		191274	FDSN	SK	--	BUD	iLoc	HHN	???	_
CONA	0.91	192.7	Pg	09:00:11.429	-0.0					T__		45.5		---	ML	1.7 191265	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.91	192.7	Lg	09:00:23.809	0.5					T__				---		191266	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
RONA	1.12	175.2	Pg	09:00:14.949	-0.7					T__				---		191268	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.12	175.2	Lg	09:00:30.647	0.5					T__				---		191267	FDSN	OE	--	BUD	iLoc	HHN	???	_
CKRC	1.22	271.1	Lg	09:00:32.759	-0.5					T__				---		191275	FDSN	CZ	--	BUD	iLoc	HHN	???	_
A019A	1.54	208.1	Pn	09:00:23.020	0.7					T__		38.5		---	ML	1.9 191269	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	1.54	208.1	Lg	09:00:42.764	-0.3					T__				---		191270	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
ARSA	1.62	195.5	Pn	09:00:23.033	-0.0					T__		47.7		---	ML	2.1 191276	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.62	195.5	Sn	09:00:45.237	0.8					T__				---		191277	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/30	09:56:43.50	1.01	0.30	47.9338	16.2891	6.3	4.6	34	11.0f		8	5	94	0.23	1.13	ke	BUD	18001444	BUD			184

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.23	178.8	Pg	09:56:48.816	0.0				T__					_d_		191302	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.23	178.8	Lg	09:56:52.002	-0.4				T__					---		191303	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.29	269.0	Pg	09:56:49.770	0.0				T__			41.1		_c_ ML	0.7	191305	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	269.0	Lg	09:56:53.978	-0.0				T__					---		191304	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
SOP	0.31	144.0	Lg	09:56:54.844	0.3				T__					---		191306	FDSN	HU	--	BUD	iLoc	HHE	???	_
MODS	0.79	56.0	Lg	09:57:11.285	-0.2				T__					---		191307	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.13	3.5	Pn	09:57:04.903	0.3				T__			55.9		___ ML	1.9	191308	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.13	3.5	Sn	09:57:20.525	0.3				T__					---		191309	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/31	09:16:20.88	4.17	0.99	46.8887	22.7670	39.3	23.4	118	0.0f		6	4	308	0.10	1.50	sx	BUD	18001448	BUD			330

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.10	201.6	Pg	09:16:23.335	-0.0				T__			227.9		___ ML	0.9	191433	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.10	201.6	Lg	09:16:25.562	0.0				T__					---		191436	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
SIRR	0.98	231.3	Lg	09:16:54.728	-0.1				T__					---		191437	FDSN	RO	--	BUD	iLoc	HHN	???	_
GZR	1.50	179.7	Pn	09:16:48.715	0.2				T__			86.5		___ ML	2.3	191435	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.50	179.7	Sn	09:17:08.618	-0.9				T__					---		191438	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=1)																								
BZS	1.50	212.5	Sn	09:17:10.553	1.4				T__					---		191434	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/31	09:23:45.14	0.83	0.77	48.3904	19.1009	3.9	3.0	22	0.0f		21	15	96	0.20	1.43	sx	BUD	18001450	BUD			142

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 6 BUD 18001450

Sta	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	300.5	Pg	09:23:49.628	0.1				T__			254.8		___ ML	1.3	191482	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.20	300.5	Lg	09:23:52.641	-0.3				T__					---		191483	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
HU10A	0.55	185.8	Pg	09:23:57.608	1.1				T__			175.4		___ ML	2.0	191485	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.55	185.8	Lg	09:24:05.423	-0.0				T__					---		191484	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								

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(Station ML: 2.0 magdef=1
HU03A 0.59 145.4 Lg 09:24:05.406 -1.1 T__ --- 191486 FDSN ZJ 00 BUD iLoc HHN ??? _
A338A 0.63 233.4 Lg 09:24:07.246 -0.9 T__ --- 191487 FDSN Z3 00 BUD iLoc HH2 ??? _
PSZ 0.71 131.3 Lg 09:24:10.334 -0.8 T__ --- 191480 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.73 134.5 Lg 09:24:10.845 -0.4 T__ --- 191481 FDSN HU -- BUD iLoc HHE ??? _
KECS 0.93 83.7 Pg 09:24:03.688 0.1 T__ 123.2 --- ML 2.1 191478 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.93 83.7 Lg 09:24:16.835 -0.6 T__ --- 191477 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 0.96 83.2 Pg 09:24:03.724 -0.5 T__ 49.0 --- ML 1.7 191479 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.96 83.2 Lg 09:24:18.295 -0.4 T__ --- 191488 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.99 105.2 Pn 09:24:05.806 0.5 T__ 53.1 --- ML 1.8 191476 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.99 105.2 Lg 09:24:19.354 -1.1 T__ --- 191489 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 1.06 296.8 Lg 09:24:22.084 -0.7 T__ --- 191490 FDSN CZ -- BUD iLoc HHN ??? _
CSKK 1.17 209.1 Sn 09:24:25.644 -0.2 T__ --- 191491 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.22 269.9 Sn 09:24:26.276 -1.0 T__ --- 191492 FDSN SK -- BUD iLoc HHN ??? _
HU08A 1.24 220.0 Sn 09:24:26.501 -1.0 T__ --- 191493 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 1.30 37.1 Pg 09:24:10.939 1.3 T__ 26.5 --- ML 1.6 191495 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.30 37.1 Lg 09:24:28.541 0.2 T__ --- 191494 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 1.43 93.0 Sn 09:24:31.534 -0.3 T__ --- 191496 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
2022/03/31 09:45:49.74 0.94 1.10 48.2281 21.2070 5.9 4.0 164 0.0f 20 12 88 0.07 1.60 sx BUD 18001452 BUD 139

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 7 BUD 18001452

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Sta 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 17.8 Pg 09:45:51.399 -0.3 T__ 19094.8 _c ML 2.8 191542 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.07 17.8 Lg 09:45:52.367 -1.3 T__ --- 191549 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
HU02A 0.47 257.2 Pg 09:45:59.890 0.2 T__ 67.4 --- ML 1.4 191544 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.47 257.2 Lg 09:46:06.920 -0.5 T__ --- 191550 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
JOS 0.52 301.3 Pg 09:46:00.730 0.5 T__ 76.3 --- ML 1.6 191543 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 301.3 Lg 09:46:08.015 -0.2 T__ --- 191551 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.54 298.2 Pg 09:46:01.497 0.8 T__ 122.3 --- ML 1.9 191545 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.54 298.2 Lg 09:46:08.819 -0.3 T__ --- 191552 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU05A 0.68 184.0 Lg 09:46:13.677 -1.6 T__ --- 191553 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 0.90 95.8 Pg 09:46:08.057 0.8 T__ 109.6 --- ML 2.0 191555 FDSN HU -- BUD iLoc HHZ HHZ _

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TRPA	0.90	95.8	Lg	09:46:20.108	-1.8	T__									191554	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
PSZ	0.93	251.1	Pn	09:46:09.859	0.7	T__	61.5			ML	1.8	191547	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_			
PSZ	0.93	251.1	Lg	09:46:22.239	-1.2	T__						191556	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
ET1H	0.96	249.2	Pn	09:46:10.006	0.7	T__	45.3			ML	1.7	191548	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
ET1H	0.96	249.2	Lg	09:46:23.262	-0.7	T__						191558	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
KOLS	1.00	44.7	Pg	09:46:10.225	1.4	T__						191546	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
KOLS	1.00	44.7	Lg	09:46:22.604	-2.4	T__						191557	FDSN	SK	--	BUD	iLoc	HHN	???	_			
BSZH	1.12	214.7	Sn	09:46:28.190	-0.4	T__						191559	FDSN	HU	--	BUD	iLoc	HHN	???	_			
NIE	1.33	333.6	Lg	09:46:34.272	-0.2	T__						191560	FDSN	PL	--	BUD	iLoc	BHN	???	_			
VYHS	1.60	280.4	Sn	09:46:41.218	0.3	T__						191561	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
2022/03/31	09:59:59.82	0.93	1.19	48.1183	16.9837	6.7	3.7	131	0.0f		10	7	91	0.32	1.29	sx	BUD	18001454	BUD			155

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.32	37.4	Pg	10:00:07.321	0.5					T__						191593	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	37.4	Lg	10:00:12.032	-0.4					T__						191595	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.62	228.1	Pg	10:00:12.726	0.4					T__						191594	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.62	228.1	Lg	10:00:20.066	-0.6					T__						191596	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.78	256.2	Lg	10:00:24.975	-0.4					T__						191597	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.87	31.4	Lg	10:00:30.060	-1.1					T__						191598	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
HU08A	0.94	137.0	Lg	10:00:32.266	-0.8					T__						191599	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KRUC	1.02	337.7	Lg	10:00:33.887	-0.7					T__						191600	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	1.29	72.4	Pn	10:00:26.968	2.4					T__	16.2				ML	1.4	191602	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	72.4	Sn	10:00:44.497	0.8					T__						191601	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/31	12:20:36.31	0.91	0.87	47.8816	16.4718	4.8	3.6	135	0.0f		12	8	80	0.21	1.18	sx	BUD	18001456	BUD			130

Magnitude Err Nsta Author OrigID

Sta	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	0.21	163.6	Lg	12:20:44.331	0.4					T__						191631	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.22	213.1	Pg	12:20:40.179	-0.8					T__						191626	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.22	213.1	Lg	12:20:44.160	-0.0					T__						191630	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.41	276.7	Pg	12:20:44.570	-0.1					T__	56.1				ML	1.2	191625	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.41	276.7	Lg	12:20:50.450	0.2					T__						191632	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MODS	0.73	47.3	Pg	12:20:52.166	0.8					T__						191627	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

MODS	0.73	47.3	Lg	12:21:01.844	-1.0	T__									191628	FDSN	SK	--	BUD	iLoc	HHN	???	_		
EGYH	0.74	128.3	Lg	12:21:02.390	-0.1	T__									191633	FDSN	HU	--	BUD	iLoc	HHN	???	_		
ARSA	0.90	225.8	Lg	12:21:06.399	1.4	T__									191634	FDSN	OE	--	BUD	iLoc	HHN	???	_		
A019A	1.03	245.6	Pg	12:20:57.001	0.5	T__				53.8					ML	1.8	191636	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	1.03	245.6	Lg	12:21:10.293	0.7	T__										191635	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=1																					
KRUC	1.18	357.6	Lg	12:21:15.118	-1.3	T__										191629	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/01	07:39:00.99	0.82	1.11	48.5092	20.7141	5.4	3.1	7	0.0f		18	10	83	0.12	1.28	sx	BUD	18001460	BUD			157

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	8 BUD	18001460

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.12	263.5	Pg	07:39:04.065	0.5					T__		280.2			ML	1.1	192611	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	263.5	Lg	07:39:06.220	0.5					T__						192615	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1																					
				(Station ML: 1.1 magdef=1																					
KECS	0.15	260.4	Pg	07:39:04.584	0.3					T__		841.3			ML	1.7	192612	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.15	260.4	Lg	07:39:07.469	0.5					T__						192616	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					
HU02A	0.41	198.1	Pg	07:39:10.299	0.6					T__		41.4			ML	1.0	192613	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.41	198.1	Lg	07:39:17.128	0.7					T__						192614	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1																					
				(Station ML: 1.0 magdef=0																					
ABAH	0.41	121.1	Pg	07:39:10.791	1.4					T__		79.3			ML	1.3	192609	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	121.1	Lg	07:39:14.844	-1.7					T__						192617	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=1																					
PSZ	0.81	223.1	Pg	07:39:18.570	0.5					T__		65.7			ML	1.8	192619	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.81	223.1	Lg	07:39:29.672	-0.6					T__						192618	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=1																					
ET1H	0.85	222.1	Pg	07:39:18.514	-0.2					T__		31.4			ML	1.5	192621	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.85	222.1	Lg	07:39:30.419	-0.8					T__						192620	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
NIE	0.95	343.4	Lg	07:39:32.659	0.2					T__						192622	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	1.12	67.1	Lg	07:39:37.580	-1.8					T__						192623	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.25	270.0	Pn	07:39:25.636	-0.1					T__		14.4			ML	1.4	192610	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.25	270.0	Sn	07:39:42.763	-0.5					T__						192626	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
TRPA	1.28	106.6	Pg	07:39:26.475	0.9					T__		79.2			ML	2.1	192625	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.28	106.6	Sn	07:39:41.302	-2.5					T__						192624	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1																					
				(Station ML: 2.1 magdef=0																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/01	08:00:58.42	0.70	1.15	48.2205	18.7728	3.6	3.2	138	0.0f	20	14	87	0.28	1.34	sx	BUD	18001462	BUD				124

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	18001462

Sta	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	0.28	8.7	Pg	08:01:05.194	0.9					T__		99.1		___	ML	1.1	192677	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.28	8.7	Lg	08:01:08.737	0.1					T__				___		192679	FDSN	SK	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
A338A	0.35	234.1	Lg	08:01:11.041	-0.8					T__				___		192680	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
SR0	0.51	217.3	Lg	08:01:16.573	-0.9					T__				___		192681	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.81	111.5	Lg	08:01:26.512	-1.4					T__				___		192682	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	0.81	114.5	Pg	08:01:16.677	1.2					T__	33.2			___	ML	1.5	192683	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.81	114.5	Lg	08:01:26.537	-1.0					T__				___		192684	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
CSKK	0.92	202.1	Pg	08:01:18.927	2.1					T__		73.7		___	ML	1.9	192686	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.92	202.1	Lg	08:01:30.175	-1.6					T__				___		192685	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
JAVC	0.97	311.5	Pg	08:01:18.961	0.7					T__		79.6		___	ML	1.9	192687	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.97	311.5	Lg	08:01:31.596	-1.5					T__				___		192688	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=0)																					
HU08A	0.98	216.2	Lg	08:01:31.922	-1.1					T__				___		192689	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MODS	1.01	279.3	Lg	08:01:32.913	-1.4					T__				___		192690	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KECS	1.17	76.4	Sn	08:01:37.780	-1.0					T__				___		192691	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	1.18	94.1	Pn	08:01:22.531	0.3					T__	36.1			___	ML	1.7	192676	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.18	94.1	Sn	08:01:38.052	-0.9					T__				___		192692	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
JOS	1.21	76.2	Pg	08:01:22.604	0.3					T__		48.9		___	ML	1.9	192675	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.21	76.2	Sn	08:01:38.928	-0.8					T__				___		192693	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
EGYH	1.26	230.9	Sn	08:01:41.296	0.4					T__				___		192694	FDSN	HU	--	BUD	iLoc	HNN	???	_	
MPLH	1.34	218.9	Sn	08:01:42.268	-0.6					T__				___		192678	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/01	08:20:40.52	1.26	1.25	46.0907	22.8008	8.6	5.7	38	0.0f	10	6	138	0.22	0.95	sx	BUD	18001464	BUD				210

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BUD	18001464

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.22	161.0	Pg	08:20:44.844	0.1					T__		894.3		___	ML	1.9	192731	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.22	161.0	Lg	08:20:47.145	-0.6					T__				___		192727	FDSN	RO	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
GZR	0.70	181.4	Pg	08:20:54.120	0.2					T__		84.2		___	ML	1.8	192733	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

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GZR 0.70 181.4 Lg 08:21:03.323 -0.5 T__ --- 192732 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
DRGR 0.70 355.0 Lg 08:21:04.553 -1.6 T__ --- 192734 FDSN RO -- BUD iLoc HHN ??? _
SIRR 0.81 283.0 Lg 08:21:09.896 0.9 T__ --- 192735 FDSN RO -- BUD iLoc HHN ??? _
LOT 0.93 133.1 Pg 08:20:59.941 1.5 T__ 81.7 --- ML 1.9 192729 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.93 133.1 Lg 08:21:09.933 -2.1 T__ --- 192728 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 0.95 240.6 Pg 08:20:58.963 -0.1 T__ 48.7 --- ML 1.7 192730 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.95 240.6 Lg 08:21:12.767 0.2 T__ --- 192736 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/01 08:45:56.25 0.96 0.97 47.5319 18.7175 5.5 3.7 154 0.0f 10 7 138 0.21 0.97 sx BUD 18001466 BUD 192

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Magnitude Err Nsta Author OrigID
ML 1.2 0.1 3 BUD 18001466

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BUD 0.21 103.0 Lg 08:46:04.955 -0.4 T__ --- 192764 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.25 295.3 Pg 08:46:02.429 0.7 T__ 175.0 --- ML 1.2 192766 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.25 295.3 Lg 08:46:06.096 -0.4 T__ --- 192765 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.35 241.6 Pg 08:46:04.262 0.5 T__ 110.1 --- ML 1.3 192767 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.35 241.6 Lg 08:46:08.905 -1.2 T__ --- 192772 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU10A 0.37 32.9 Lg 08:46:10.716 -0.0 T__ --- 192768 FDSN ZJ 00 BUD iLoc HHE ??? _
ET1H 0.85 65.5 Lg 08:46:26.581 -0.4 T__ --- 192769 FDSN HU -- BUD iLoc HHE ??? _
PSZ 0.88 63.6 Lg 08:46:27.723 -0.8 T__ --- 192770 FDSN GE -- BUD iLoc HHE ??? _
VYHS 0.97 4.7 Pg 08:46:16.448 0.6 T__ 13.8 --- ML 1.2 192773 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 4.7 Lg 08:46:28.356 -1.7 T__ --- 192771 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/01 09:17:32.02 1.01 0.96 48.8640 21.3464 10.2 4.2 157 0.0f 11 8 133 0.62 1.39 sx BUD 18001470 BUD 206

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOLS 0.62 83.2 Pg 09:17:44.120 0.2 T__ --- 192906 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.62 83.2 Lg 09:17:52.446 -1.5 T__ --- 192908 FDSN SK -- BUD iLoc HHN ??? _
JOS 0.65 235.7 Pg 09:17:44.187 -0.7 T__ 46.0 --- ML 1.5 192904 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 235.7 Lg 09:17:55.033 0.4 T__ --- 192909 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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KECS	0.69	236.6	Lg	09:17:55.481	-0.5	T__								192910	FDSN	SK	--	BUD	iLoc	EHN	???	_	
NIE	0.88	309.3	Lg	09:18:01.401	0.1	T__								192911	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.92	216.7	Pg	09:17:51.600	0.7	T__				26.5			ML	1.4	192905	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.92	216.7	Lg	09:18:03.907	-0.9	T__								192912	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
TRPA	1.08	132.3	Lg	09:18:08.413	-1.1	T__								192913	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.35	226.2	Sn	09:18:17.989	1.1	T__								192907	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.39	225.5	Sn	09:18:18.558	0.8	T__								192914	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
2022/04/02	03:49:28.05	0.88	0.44	47.9826	20.3147	5.0	2.7	132	5.0f	15	8	124	0.20	0.79	ke	BUD	18001472	BUD				153

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	7 BUD	18001472

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	45.2	Pg	03:49:32.446	-0.1					T__		82.2		_d	ML	0.8	192992	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	45.2	Lg	03:49:35.496	-0.6					T__						192993	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
PSZ	0.29	257.3	Pg	03:49:34.729	0.2					T__		62.2		_d	ML	0.9	192997	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.29	257.3	Lg	03:49:39.385	-0.0					T__						193001	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
ET1H	0.32	251.0	Pg	03:49:35.003	0.1					T__		33.0		_d	ML	0.7	192998	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.32	251.0	Lg	03:49:39.147	-0.7					T__						193002	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
HU23A	0.35	187.3	Pg	03:49:35.642	0.1					T__		169.3		_d	ML	1.5	192999	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.35	187.3	Lg	03:49:41.539	0.6					T__						193003	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.51	12.8	Pg	03:49:38.800	0.5					T__		84.7		_d	ML	1.7	192994	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.51	12.8	Lg	03:49:45.849	-0.2					T__						193004	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
JOS	0.54	16.2	Pg	03:49:39.074	0.4					T__		29.3		_d	ML	1.3	192995	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	16.2	Lg	03:49:46.990	0.2					T__						192996	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.69	62.8	Pg	03:49:41.758	0.1					T__		42.7		_d	ML	1.5	193000	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.69	62.8	Lg	03:49:52.897	0.2					T__						193005	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU01A	0.79	216.6	Lg	03:49:55.561	-0.7					T__						193006	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/04/02	08:09:48.16	0.98	0.74	46.1412	18.2891	9.4	3.5	159	0.0f	7	5	174	0.14	1.15	sx	BUD	18001474	BUD						260

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.14	248.2	Pg	08:09:52.130	0.5					T__		705.9		---	ML	1.5	193037	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.14	248.2	Lg	08:09:53.591	-0.9					T__				---		193038	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
MORH	0.26	73.2	Pg	08:09:54.248	0.4					T__		292.8		---	ML	1.5	193040	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.26	73.2	Lg	08:09:58.228	-0.2					T__				---		193039	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
A266A	0.38	357.5	Lg	08:10:02.582	-0.1					T__				---		193041	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU22A	0.61	72.0	Lg	08:10:10.206	-0.9					T__				---		193042	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	1.15	333.6	Sn	08:10:27.750	-0.3					T__				---		193043	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
2022/04/02	08:22:08.01	1.42	0.91	45.6015	16.0459	8.4	7.2	178	5.0f		11	7	162	0.23	1.38	ke	BUD	18001476	BUD			241

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	18001476

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.23	349.6	Pg	08:22:12.739	0.0					T__		788.2		---	ML	1.8	193077	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.23	349.6	Lg	08:22:16.511	0.4					T__				---		193076	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
PTJ	0.31	349.9	Pg	08:22:13.474	-1.1					T__		144.6		---	ML	1.3	193069	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.31	349.9	Lg	08:22:18.249	-1.2					T__				---		193070	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
CRES	0.47	298.8	Pg	08:22:16.865	-0.3					T__		86.2		---	ML	1.5	193072	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.47	298.8	Lg	08:22:24.477	0.4					T__				---		193071	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
KOGS	0.86	9.5	Pg	08:22:24.892	0.2					T__		101.8		---	ML	2.0	193073	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.86	9.5	Lg	08:22:37.487	1.6					T__				---		193074	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
A264A	1.03	56.8	Lg	08:22:42.193	0.1					T__				---		193075	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
BLY	1.17	136.2	Lg	08:22:45.888	-0.1					T__				---		193078	FDSN	MN	--	BUD	iLoc	HHN	???	_	
OBKA	1.38	311.6	Sn	08:22:54.262	1.0					T__				---		193079	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/02	12:35:29.67	0.88	0.93	46.1312	16.0044	6.0	3.9	131	0.0f		16	9	98	0.23	1.84	sx	BUD	18001478	BUD			143

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	8 BUD	18001478

Sta	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	0.23	186.5	Pg	12:35:34.984	0.3					T__		165.3		---	ML	1.1	193119	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_



PTJ	0.23	186.5	Lg	12:35:37.869	-0.7	T__								193120	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.1 magdef=1																			
				(Station ML: 1.1 magdef=0																			
KOGS	0.36	28.2	Pg	12:35:36.171	-1.0	T__	307.7							1.8	193121	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.36	28.2	Lg	12:35:41.503	-0.9	T__									193125	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 1.8 magdef=1																			
				(Station ML: 1.8 magdef=1																			
CRES	0.49	231.5	Pg	12:35:39.433	0.3	T__	116.1							1.7	193122	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.49	231.5	Lg	12:35:46.645	0.3	T__									193126	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 1.7 magdef=1																			
				(Station ML: 1.7 magdef=1																			
BEHE	0.63	57.3	Pg	12:35:43.822	1.0	T__	229.3							2.2	193118	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.63	57.3	Lg	12:35:51.911	0.2	T__									193127	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.2 magdef=1																			
				(Station ML: 2.2 magdef=1																			
A264A	0.89	87.7	Pg	12:35:48.100	0.2	T__	308.0							2.5	193128	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.5 magdef=1																			
				(Station ML: 2.5 magdef=0																			
OBKA	1.08	291.1	Pg	12:35:50.726	0.6	T__	87.2							2.0	193123	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.08	291.1	Lg	12:36:04.895	0.4	T__									193129	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.0 magdef=1																			
				(Station ML: 2.0 magdef=1																			
ARSA	1.17	343.7	Pg	12:35:51.314	-0.9	T__	51.9							1.9	193124	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.17	343.7	Lg	12:36:07.620	0.7	T__									193130	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.9 magdef=1																			
				(Station ML: 1.9 magdef=1																			
A019A	1.46	334.7	Pg	12:35:56.423	-1.0	T__	58.7							2.1	193132	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	1.46	334.7	Sn	12:36:17.311	0.1	T__									193131	FDSN	Z3	00	BUD	iLoc	HH2	???	_
				(Reading ML: 2.1 magdef=1																			
				(Station ML: 2.1 magdef=1																			
MORH	1.84	86.4	Lg	12:36:31.430	2.2	T__									193133	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
2022/04/02	14:42:05.33	0.88	0.60	47.8569	18.7650	4.4	2.7	178	0.0f		12	6	120	0.17	0.64	sx	BUD	18001480	BUD			168

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	18001480

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.17	93.8	Pg	14:42:09.291	0.0					T__		160.5			ML	1.0	193180	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.17	93.8	Lg	14:42:12.820	0.2					T__						193174	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1																					
				(Station ML: 1.0 magdef=0																					
SRO	0.31	262.0	Pg	14:42:12.058	0.2					T__		268.5			ML	1.6	193175	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.31	262.0	Lg	14:42:16.800	-0.6					T__						193181	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=1																					
A338A	0.32	299.9	Pg	14:42:12.802	0.7					T__		366.6			_c_ ML	1.8	193177	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.32	299.9	Lg	14:42:17.802	-0.0					T__						193176	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=0																					
HU03A	0.56	84.9	Pg	14:42:17.812	0.5					T__		83.1			ML	1.7	193183	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

```

HU03A  0.56 84.9 Lg      14:42:25.926 -0.0      T__          ---          193182      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK   0.60 214.8 Pg     14:42:17.742  0.2      T__          69.5      --- ML      1.7 193184      FDSN HU      -- BUD      iLoc HHZ HHZ _
CSKK   0.60 214.8 Lg     14:42:26.826 -0.8      T__          ---          193185      FDSN HU      -- BUD      iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS   0.64  4.2 Pg     14:42:18.564  0.1      T__          20.6      --- ML      1.2 193179      FDSN SK      -- BUD      iLoc HHZ HHZ _
VYHS   0.64  4.2 Lg     14:42:26.799 -1.2      T__          ---          193178      FDSN SK      -- BUD      iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

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Date      Time      Err      RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/04/03 01:28:58.14  1.54  0.41  47.9619  18.8692  12.9  5.4  17  10.0f  4  3 220  0.15  0.46  ke BUD      18001482  BUD      306

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Magnitude Err Nsta Author OrigID

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU10A  0.15 139.2 Pg     01:29:02.099  0.2      T__          131.2      --- ML      0.8 193221  FDSN ZJ      00 BUD      iLoc HHZ HHZ _
HU10A  0.15 139.2 Lg     01:29:04.674 -0.3      T__          ---          193224  FDSN ZJ      00 BUD      iLoc HHZ ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
A338A  0.35 278.9 Lg     01:29:11.279 -0.2      T__          ---          193223  FDSN Z3      00 BUD      iLoc HH3 ??? _
HU09A  0.46 225.6 Lg     01:29:15.206 -0.0      T__          ---          193222  FDSN ZJ      00 BUD      iLoc HHN ??? _

```

```

Date      Time      Err      RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/04/03 15:32:53.26  1.29  0.62  46.2132  16.4800  8.9  5.3  151  5.0f  6  3 203  0.28  0.81  ke BUD      18001484  BUD      287

```

Magnitude Err Nsta Author OrigID  
ML 1.3 0.3 3 BUD 18001484

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
KOGS  0.28 326.0 Pg     15:32:59.038 -0.0      T__          86.6      --- ML      1.0 193244  FDSN SL      -- BUD      iLoc BHZ BHZ _
KOGS  0.28 326.0 Lg     15:33:02.827 -0.2      T__          ---          193243  FDSN SL      -- BUD      iLoc BHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
BEHE  0.33 38.4 Pg     15:32:59.709 -0.4      T__          124.6      --- ML      1.3 193246  FDSN HU      -- BUD      iLoc HHZ HHZ _
BEHE  0.33 38.4 Lg     15:33:05.766  1.0      T__          ---          193248  FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CRES  0.81 241.9 Pg     15:33:09.065  0.1      T__          38.1      --- ML      1.5 193247  FDSN SL      -- BUD      iLoc BHZ BHZ _
CRES  0.81 241.9 Lg     15:33:20.572 -0.2      T__          ---          193245  FDSN SL      -- BUD      iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

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Date      Time      Err      RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/04/03 17:23:14.92  4.04  0.63  46.2338  16.5610  29.2  8.8  97  5.0f  6  4 277  0.30  1.42  ke BUD      18001486  BUD      316

```

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.30	315.0	Pg	17:23:20.898	-0.2					T__		83.7		---	ML	1.1	193270	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.30	315.0	Lg	17:23:25.372	0.1					T__				---		193269	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
CRES	0.87	242.5	Pg	17:23:31.881	0.2					T__		27.8		---	ML	1.4	193271	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.87	242.5	Lg	17:23:44.335	-0.1					T__				---		193273	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
ARSA	1.24	325.3	Lg	17:23:55.474	1.0					T__				---		193272	FDSN	OE	--	BUD	iLoc	HHN	???	_	
OBKA	1.42	281.9	Sn	17:24:00.711	-0.4					T__				---		193274	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/03	21:35:01.15	1.00	0.52	46.2592	16.4016	5.8	4.2	10	5.0f		10	6	138	0.22	0.98		ke BUD	18001488	BUD			232

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18001488

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.22	331.0	Pg	21:35:05.516	-0.2					T__		142.4		---	ML	1.1	193300	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.22	331.0	Lg	21:35:09.030	0.3					T__				---		193305	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
BEHE	0.33	50.7	Pg	21:35:07.575	-0.5					T__		148.8		---	ML	1.4	193301	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.33	50.7	Lg	21:35:13.123	0.3					T__				---		193306	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
A262A	0.61	8.1	Pg	21:35:13.504	0.2					T__		77.7		---	ML	1.7	193307	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
A264A	0.62	98.8	Pg	21:35:13.759	0.0					T__		94.9		---	ML	1.8	193308	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.62	98.8	Lg	21:35:22.976	1.0					T__				---		193302	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
CRES	0.79	237.0	Pg	21:35:16.225	-0.2					T__		34.6		---	ML	1.5	193309	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.79	237.0	Lg	21:35:27.807	-0.1					T__				---		193303	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
A265A	0.98	79.8	Lg	21:35:32.891	-0.6					T__				---		193304	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/03	21:45:49.69	1.06	0.67	45.6437	18.6983	7.5	5.9	33	8.0f		10	7	125	0.57	1.40		ke BUD	18001490	BUD			234

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	18001490

Sta	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	0.57	356.2	Pg	21:46:01.173	0.1					T__		25.6		---	ML	1.2	193366	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.57	356.2	Lg	21:46:10.094	0.4					T__				---		193367	FDSN	HU	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KOVH 0.61 317.0 Pg 21:46:01.716 -0.1 T__ 26.7 ___ ML 1.3 193369 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.61 317.0 Lg 21:46:10.182 -0.4 T__ ___ 193370 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A273A 0.67 294.1 Pg 21:46:02.548 -0.4 T__ 205.6 ___ ML 2.2 193365 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A273A 0.67 294.1 Lg 21:46:13.149 0.9 T__ ___ 193364 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
FRGS 0.92 121.4 Lg 21:46:21.842 -0.3 T__ ___ 193371 FDSN SJ -- BUD iLoc BHN ??? _
A265A 1.00 321.5 Sn 21:46:23.678 -0.7 T__ ___ 193372 FDSN ZJ 00 BUD iLoc HHN ??? _
A264A 1.11 298.2 Lg 21:46:25.637 -0.1 T__ ___ 193373 FDSN ZJ 00 BUD iLoc HHN ??? _
BLY 1.40 230.7 Sn 21:46:35.121 1.1 T__ ___ 193368 FDSN MN -- 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
2022/04/04 07:25:05.31 0.95 1.16 48.4334 17.2883 7.0 3.3 103 0.0f 8 4 156 0.06 0.99 sx BUD 18001496 BUD 229

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.06 186.9 Pg 07:25:07.358 0.2 T__ _c_ 193474 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.06 186.9 Lg 07:25:08.426 -0.6 T__ ___ 193477 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.50 30.6 Pg 07:25:16.323 0.6 T__ 62.4 ___ ML 1.5 193475 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.50 30.6 Lg 07:25:22.933 -0.9 T__ ___ 193478 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 0.86 317.1 Pg 07:25:22.745 0.9 T__ 43.9 ___ ML 1.6 193480 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.86 317.1 Lg 07:25:32.751 -1.9 T__ ___ 193479 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 0.99 222.6 Pg 07:25:25.928 1.0 T__ ___ 193476 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.99 222.6 Lg 07:25:37.650 -0.3 T__ ___ 193481 FDSN OE -- 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
2022/04/04 08:06:12.50 1.35 1.18 48.1042 21.3105 8.5 4.8 148 0.0f 13 8 169 0.20 1.05 sx BUD 18001498 BUD 220

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Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 4 BUD 18001498

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.20 346.2 Pg 08:06:17.127 0.2 T__ 516.3 ___ ML 1.6 193509 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.20 346.2 Lg 08:06:19.993 -0.9 T__ ___ 193517 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.53 272.2 Pg 08:06:23.919 0.3 T__ 55.6 ___ ML 1.5 193510 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.53 272.2 Lg 08:06:31.844 -0.3 T__ ___ 193518 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.65 307.6 Pg 08:06:25.809 0.4 T__ 41.5 ___ ML 1.5 193511 FDSN ZJ -- BUD iLoc HHZ HHZ _

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JOS	0.65	307.6	Lg	08:06:34.875	-0.5	T__	---	193512	FDSN	ZJ	--	BUD	iLoc	HHN	???	_			
				(Reading ML: 1.5 magdef=1)															
				(Station ML: 1.5 magdef=1)															
KECS	0.67	304.9	Lg	08:06:36.063	-0.0	T__	---	193519	FDSN	SK	--	BUD	iLoc	EHN	???	_			
TRPA	0.82	87.7	Lg	08:06:39.776	-2.7	T__	---	193520	FDSN	HU	--	BUD	iLoc	HHN	???	_			
PSZ	0.97	259.5	Lg	08:06:47.743	0.3	T__	---	193521	FDSN	GE	--	BUD	iLoc	HHN	???	_			
ET1H	0.99	257.4	Pg	08:06:33.122	-0.1	T__	40.2	---	ML	1.7	193514	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	257.4	Lg	08:06:47.620	-0.2	T__	---	193516	FDSN	HU	--	BUD	iLoc	HHN	???	_			
				(Reading ML: 1.7 magdef=1)															
				(Station ML: 1.7 magdef=1)															
KOLS	1.05	37.3	Pg	08:06:33.779	1.3	T__	---	193513	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
KOLS	1.05	37.3	Lg	08:06:47.547	-1.9	T__	---	193515	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
2022/04/04	08:28:45.94	0.95	1.11	48.5144	17.5245	6.3	3.2	128	0.0f		11	6	134	0.22	1.26	sx	BUD	18001500	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	3 BUD	18001500

Sta	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	0.22	229.5	Pg	08:28:50.413	-0.4					T__						193550	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.22	229.5	Lg	08:28:53.883	-1.0					T__						193559	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.36	15.6	Pg	08:28:53.718	0.1					T__	110.3				ML	1.3	193551	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	15.6	Lg	08:28:58.137	-1.6					T__						193553	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
VYHS	0.87	90.9	Lg	08:29:16.725	0.5					T__						193554	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.93	306.7	Pg	08:29:05.313	1.6					T__	38.6				ML	1.6	193552	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.93	306.7	Lg	08:29:16.305	-1.0					T__						193560	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
RONA	1.16	225.7	Pg	08:29:09.320	0.5					T__						193555	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.16	225.7	Lg	08:29:24.730	0.8					T__						193558	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.26	242.8	Pg	08:29:10.223	-0.4					T__	44.0				ML	1.8	193557	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.26	242.8	Lg	08:29:27.898	1.0					T__						193556	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/04	08:42:44.66	2.37	0.69	47.9768	16.1880	16.9	7.4	43	0.0f		5	4	220	0.22	1.51	sx	BUD	18001502	BUD			267

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
CONA	0.22	257.6	Pg	08:42:49.117	-0.2					T__		119.4				ML	1.0	193579	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.22	257.6	Lg	08:42:52.367	-0.2					T__							193580	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																						
				(Station ML: 1.0 magdef=0)																						
RONA	0.29	165.2	Lg	08:42:54.595	-0.1					T__							193581	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.85	212.0	Lg	08:43:12.562	0.6					T__							193582	FDSN	OE	--	BUD	iLoc	HHN	???	_	

CKRC 1.51 304.7 Sn 08:43:34.035 0.7 T\_\_ --- 193583 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/04/04 09:18:18.71 1.39 1.04 48.8146 21.0512 9.5 7.1 121 0.0f 8 6 125 0.47 1.18 sx BUD 18001504 BUD 245

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.47	227.0	Pg	09:18:29.068	1.0					T__		29.9		---	ML	1.1	193602	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	227.0	Lg	09:18:35.240	0.1					T__				---		193605	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.50	228.7	Lg	09:18:36.073	-0.3					T__				---		193606	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HU02A	0.78	207.0	Pg	09:18:34.692	-0.1					T__		36.4		---	ML	1.5	193603	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	207.0	Lg	09:18:45.611	-1.1					T__				---		193604	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	0.78	321.0	Lg	09:18:43.658	-0.9					T__				---		193608	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	0.82	81.2	Lg	09:18:47.507	0.1					T__				---		193607	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.18	221.1	Sn	09:18:57.966	-1.5					T__				---		193609	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/04/04 09:51:22.50 1.05 0.70 48.5523 20.8366 6.2 4.7 12 0.0f 14 11 89 0.21 1.74 sx BUD 18001506 BUD 159

Magnitude Err Nsta Author OrigID  
ML 1.3 0.1 3 BUD 18001506

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.21	254.1	Pg	09:51:27.154	0.3					T__		242.3		---	ML	1.3	193637	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.21	254.1	Lg	09:51:29.911	-0.3					T__				---		193638	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.24	253.6	Pg	09:51:27.709	0.1					T__		1006.5		---	ML	2.0	193639	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	253.6	Lg	09:51:31.516	0.0					T__				---		193640	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ABAH	0.37	133.5	Lg	09:51:36.638	-0.1					T__				---		193641	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.48	205.9	Pg	09:51:33.010	0.4					T__		46.3		---	ML	1.3	193643	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	205.9	Lg	09:51:40.022	-0.3					T__				---		193642	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.89	225.1	Lg	09:51:53.124	-1.6					T__				---		193644	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.93	224.1	Lg	09:51:55.198	-0.5					T__				---		193646	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.94	338.0	Lg	09:51:53.043	-0.4					T__				---		193645	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	1.02	67.6	Lg	09:51:57.345	-0.7					T__				---		193647	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.21	109.8	Sn	09:52:03.654	-0.1					T__				---		193648	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.33	268.2	Sn	09:52:06.349	-0.4					T__				---		193649	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A338A	1.74	253.0	Sn	09:52:17.955	1.0					T__				---		193650	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
2022/04/04	13:48:49.50	1.01	0.73	47.8970	16.0866	6.1	4.1	39	0.0f		9	5	134	0.15	1.18	sx	BUD	18001510	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	18001510

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	281.8	Pg	13:48:52.869	0.1					T__		248.5		___	ML	1.1	193802	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	281.8	Lg	13:48:54.631	-0.6					T__				---		193805	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
RONA	0.24	144.3	Pg	13:48:54.736	0.1					T__				---		193803	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	144.3	Lg	13:48:57.594	-0.6					T__				---		193806	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.75	210.7	Pg	13:49:04.236	0.2					T__		62.6		___	ML	1.7	193804	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.75	210.7	Lg	13:49:13.767	0.3					T__				---		193807	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
AO19A	0.81	236.6	Lg	13:49:15.964	0.2					T__				---		193808	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KRUC	1.18	9.9	Pg	13:49:13.489	1.3					T__		40.0		___	ML	1.8	193810	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.18	9.9	Lg	13:49:28.827	-0.9					T__				---		193809	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/04/05	07:39:06.10	1.55	1.31	48.2472	21.2144	12.5	5.0	150	0.0f		7	4	236	0.05	0.54	sx	BUD	18001516	BUD				315

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.5	3 BUD	18001516

Sta	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	19.1	Pg	07:39:07.927	0.2					T__		87.9		___	ML	0.4	193959	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	19.1	Lg	07:39:09.105	-0.2					T__				---		193961	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
HU02A	0.48	255.1	Pg	07:39:16.995	0.7					T__		24.6		___	ML	1.0	193960	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	255.1	Lg	07:39:21.797	-2.3					T__				---		193964	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
JOS	0.51	299.2	Pg	07:39:17.137	0.7					T__		41.1		___	ML	1.3	193963	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	299.2	Lg	07:39:23.929	-0.4					T__				---		193962	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.54	296.2	Lg	07:39:24.646	-0.6					T__				---		193965	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	
2022/04/05	08:13:56.74	1.25	0.41	47.9318	20.4213	18.9	3.8	139	0.0A	0.0	8	4	242	0.20	0.57	m	kx	BUD	18001518	BUD			360
2022/04/05	08:13:55.88	0.96	0.91	47.9590	20.3545f				0.0f		8	4	221	0.20	0.55		kx	BUD_GT	18001519	BUD_GT			243

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

Magnitude Err Nsta Author OrigID  
ML 1.0 0.3 4 BUD 18001519

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.20	35.0	Pg	08:14:00.803	0.3					T__		197.5		---	ML	1.1	194015	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	08:14:02.832	-1.5					T__				---		194019	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.31	262.7	Pg	08:14:03.092	0.1					T__		51.4		---	ML	0.9	194021	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	08:14:07.185	-1.2					T__				---		194020	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
ET1H	0.33	256.4	Pg	08:14:04.211	0.9					T__		37.3		---	ML	0.8	194022	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.33	256.4	Lg	08:14:09.184	0.4					T__				---		194017	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
JOS	0.55	12.9	Pg	08:14:07.614	0.6					T__		39.7		---	ML	1.4	194016	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	12.9	Lg	08:14:14.881	-0.6					T__				---		194018	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/05	09:21:41.22	0.69	1.01	48.7175	18.6841	4.4	3.2	29	0.0f		30	17	134	0.25	2.04	sx	BUD	18001520	BUD			165

Magnitude Err Nsta Author OrigID  
ML 2.1 0.2 13 BUD 18001520

Sta	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	155.7	Pg	09:21:47.255	0.9					T__		223.0		---	ML	1.3	194089	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	155.7	Lg	09:21:50.395	0.1					T__				---		194090	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
JAVC	0.69	282.3	Pg	09:21:56.129	0.8					T__		99.1		---	ML	1.9	194082	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.69	282.3	Lg	09:22:04.309	-1.7					T__				---		194091	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A338A	0.74	197.6	Pg	09:21:57.789	1.7					T__		226.1		---	ML	2.3	194093	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.74	197.6	Lg	09:22:07.138	-0.9					T__				---		194092	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU10A	0.90	165.5	Pg	09:21:59.982	0.4					T__		128.3		---	ML	2.1	194085	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.90	165.5	Lg	09:22:12.124	-1.6					T__				---		194094	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
SR0	0.94	195.5	Pg	09:22:01.972	2.0					T__		877.4		---	ML	3.0	194083	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.94	195.5	Lg	09:22:13.438	-1.5					T__				---		194095	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
MODS	1.00	250.3	Pg	09:22:01.241	-0.1					T__				---		194081	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.00	250.3	Lg	09:22:14.972	-1.5					T__				---		194096	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU09A	1.10	190.7	Pg	09:22:03.473	0.5					T__		131.2		---	ML	2.2	194098	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.10	190.7	Sn	09:22:18.665	-1.0					T__				---		194097	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									



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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PSZ 1.14 134.3 Sn 09:22:19.521 -1.3 T__ 46.3 --- 194099 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.15 136.2 Pn 09:22:05.254 0.6 T__ 46.3 --- ML 1.8 194086 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.15 136.2 Sn 09:22:20.227 -0.9 T__ 46.3 --- 194100 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
KECS 1.22 100.4 Pg 09:22:05.698 0.4 T__ 83.9 --- ML 2.1 194102 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.22 100.4 Lg 09:22:21.839 -0.8 T__ 83.9 --- 194101 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 1.25 99.5 Pg 09:22:06.080 0.2 T__ 46.9 --- ML 1.9 194103 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.25 99.5 Sn 09:22:22.879 -0.6 T__ 46.9 --- 194104 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORC 1.30 325.2 Pn 09:22:07.326 0.7 T__ 74.2 --- ML 2.1 194087 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.30 325.2 Lg 09:22:23.759 0.4 T__ 74.2 --- 194105 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 1.36 115.2 Pn 09:22:07.138 -0.4 T__ 46.5 --- ML 1.9 194106 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.36 115.2 Sn 09:22:25.689 -0.7 T__ 46.5 --- 194107 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CSKK 1.38 192.0 Pn 09:22:08.814 1.0 T__ 71.0 --- ML 2.1 194088 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 1.38 192.0 Sn 09:22:26.854 0.1 T__ 71.0 --- 194108 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
VRAC 1.50 294.0 Sn 09:22:29.187 -0.5 T__ --- 194109 FDSN CZ -- BUD iLoc HHN ??? _
MPLH 1.73 206.9 Lg 09:22:39.568 -0.4 T__ --- 194110 FDSN HU -- BUD iLoc HHN ??? _
CONA 2.04 248.3 Pn 09:22:17.419 0.5 T__ 53.4 --- ML 2.4 194084 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/05 09:36:21.79 2.01 0.62 48.4887 20.3517 14.6 4.3 141 0.0f 9 6 238 0.09 0.69 sx BUD 18001522 BUD 245

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Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 18001522

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```

Sta 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 93.5 Pg 09:36:24.154 0.3 T__ 719.1 --- ML 1.4 194160 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.09 93.5 Lg 09:36:25.670 0.1 T__ 719.1 --- 194161 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS 0.13 86.7 Pg 09:36:24.700 0.2 T__ 428.0 --- ML 1.3 194155 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.13 86.7 Lg 09:36:26.457 -0.3 T__ 428.0 --- 194162 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.38 162.4 Pg 09:36:30.482 0.4 T__ 39.1 --- ML 1.0 194159 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.38 162.4 Lg 09:36:36.471 0.0 T__ 39.1 --- 194158 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1

```

ABAH	0.62	107.7	Lg	09:36:43.524	-1.2	T__	---	194163	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.65	208.4	Lg	09:36:45.262	-0.4	T__	---	194156	FDSN	GE	--	BUD	iLoc	HHE	???	_
ET1H	0.69	208.0	Lg	09:36:46.070	-0.6	T__	---	194157	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
2022/04/05	10:35:38.95	1.00	1.40	48.6664	21.1835	5.9	4.2	158	0.0f	11	7	106	0.37	1.05	sx	BUD	18001524	BUD				180

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	3 BUD	18001524

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.37	174.2	Pg	10:35:47.404	0.8					T__		71.3		---	ML	1.2	194252	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	174.2	Lg	10:35:52.106	-1.1					T__				---		194253	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.46	248.5	Pg	10:35:47.802	-0.4					T__		38.6		---	ML	1.2	194247	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	248.5	Lg	10:35:55.562	0.3					T__				---		194254	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.50	248.7	Lg	10:35:56.647	0.1					T__				---		194255	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.70	219.1	Pg	10:35:54.093	0.6					T__		48.4		---	ML	1.6	194248	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.70	219.1	Lg	10:36:03.058	-1.3					T__				---		194256	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOLS	0.77	69.2	Pg	10:35:54.066	0.4					T__				---		194249	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.77	69.2	Lg	10:36:03.999	-2.1					T__				---		194250	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.95	322.6	Lg	10:36:11.356	0.9					T__				---		194257	FDSN	PL	--	BUD	iLoc	BHN	???	_	
TRPA	1.05	120.2	Lg	10:36:13.231	-2.4					T__				---		194251	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
2022/04/05	11:16:51.08	1.08	0.79	47.3619	18.4232	8.5	5.2	129	0.0f	9	8	110	0.11	1.29	sx	BUD	18001526	BUD				128

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	270.7	Pg	11:16:54.762	0.8					T__		1248.5		---	ML	1.7	194280	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	270.7	Lg	11:16:55.638	-1.0					T__				---		194281	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
HU09A	0.28	354.3	Lg	11:17:02.083	-0.3					T__				---		194282	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.63	252.7	Lg	11:17:12.860	-0.8					T__				---		194288	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.11	61.6	Sn	11:17:29.838	-0.0					T__				---		194283	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.14	60.2	Sn	11:17:30.349	-0.4					T__				---		194284	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.16	172.4	Sn	11:17:30.422	-0.6					T__				---		194285	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.17	13.6	Sn	11:17:30.495	-0.8					T__				---		194286	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.29	190.0	Sn	11:17:34.408	0.0					T__				---		194287	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
2022/04/05	19:12:57.60	1.20	0.71	45.7185	20.8624	9.1	7.9	11	12.0f	6	5	132	0.54	1.21	ke	BUD	18001528	BUD				207

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BZS	0.54	100.6	Pg	19:13:08.118	-0.2					T__		21.5		---	ML	1.1	194304	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.54	100.6	Lg	19:13:16.305	0.4					T__				---		194305	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
SIRR	0.78	45.1	Lg	19:13:23.271	-0.7					T__				---		194306	FDSN	RO	--	BUD	iLoc	HHE	???	_	
FRGS	0.93	233.2	Sn	19:13:29.576	-0.2					T__				---		194307	FDSN	SJ	--	BUD	iLoc	BHE	???	_	
HU21A	1.00	308.3	Sn	19:13:31.762	0.3					T__				---		194308	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU24A	1.21	9.7	Sn	19:13:37.508	0.9					T__				---		194309	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/05	23:54:12.38	0.87	0.87	45.5854	16.0668	6.3	4.3	38	5.0f		23	15	163	0.25	2.12	ke	BUD	18001530	BUD			229

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ML	2.2	0.2	8	BUD												18001530									
ZAG	0.25	347.0	Pg	23:54:17.492	0.1					T__		2542.3		---	ML	2.4	194354	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.25	347.0	Lg	23:54:21.527	0.5					T__				---		194353	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
PTJ	0.33	347.9	Pg	23:54:18.377	-0.9					T__		803.9		---	ML	2.1	194351	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.33	347.9	Lg	23:54:23.262	-1.1					T__				---		194352	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CRES	0.49	299.6	Pg	23:54:21.765	-0.2					T__		115.9		---	ML	1.7	194355	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.49	299.6	Lg	23:54:29.105	-0.1					T__				---		194360	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
KOGS	0.87	8.4	Pg	23:54:28.940	-0.4					T__		264.7		---	ML	2.4	194350	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.87	8.4	Lg	23:54:42.270	1.6					T__				---		194361	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
BEHE	1.01	28.9	Pg	23:54:31.296	-0.7					T__		313.7		---	ML	2.6	194349	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.01	28.9	Lg	23:54:46.378	0.8					T__				---		194362	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
A264A	1.03	55.7	Lg	23:54:46.172	-0.2					T__				---		194363	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BLY	1.15	136.2	Pg	23:54:33.852	-0.2					T__		100.2		---	ML	2.1	194359	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.15	136.2	Lg	23:54:49.227	-0.4					T__				---		194364	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
OBKA	1.40	311.7	Pn	23:54:39.111	0.1					T__		113.1		---	ML	2.3	194358	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.40	311.7	Sn	23:54:58.210	0.1					T__				---		194365	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
A265A	1.47	54.5	Sn	23:54:58.865	-0.7					T__				---		194366	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	1.51	69.8	Pn	23:54:40.552	0.2					T__		46.7		---	ML	2.0	194367	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									

```

(Station ML: 2.0 magdef=1
BADH 1.56 38.2 Sn 23:55:02.252 0.4 T__ --- 194368 FDSN HU -- BUD iLoc HHN ??? _
ARSA 1.71 347.5 Lg 23:55:06.810 0.1 T__ --- 194369 FDSN OE -- BUD iLoc HHN ??? _
MORH 1.91 69.8 Sn 23:55:11.459 1.1 T__ --- 194370 FDSN HU -- BUD iLoc HHN ??? _
A019A 1.98 340.3 Sn 23:55:13.950 1.6 T__ --- 194357 FDSN Z3 00 BUD iLoc HH2 ??? _
RONA 2.12 4.2 Pn 23:54:48.094 -0.7 T__ --- 194356 FDSN OE -- BUD iLoc HHZ ??? _
RONA 2.12 4.2 Sn 23:55:17.711 2.0 T__ --- 194371 FDSN OE -- 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
2022/04/06 02:03:26.72 1.00 0.87 45.5175 20.9570 6.6 4.2 162 5.0f 8 5 146 0.18 1.29 ke BUD 18001532 BUD 255

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Magnitude Err Nsta Author OrigID
ML 1.5 0.8 3 BUD 18001532

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Sta 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 0.18 137.0 Pg 02:03:30.457 -0.1 T__ 3092.4 _c ML 2.3 194405 FDSN RO -- BUD iLoc HHZ HHZ _
BANR 0.18 137.0 Lg 02:03:33.966 0.4 T__ --- 194406 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
BZS 0.47 77.7 Pg 02:03:36.381 0.3 T__ 22.2 _c ML 1.0 194408 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.47 77.7 Lg 02:03:42.864 -0.0 T__ --- 194407 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
FRGS 0.89 246.4 Pg 02:03:44.516 0.8 T__ 34.0 ___ ML 1.5 194411 FDSN SJ -- BUD iLoc BHZ BHZ _
FRGS 0.89 246.4 Lg 02:03:57.025 -1.3 T__ --- 194410 FDSN SJ -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
SIRR 0.90 32.9 Lg 02:03:56.415 -0.7 T__ --- 194409 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.29 94.9 Lg 02:04:08.110 -0.7 T__ --- 194412 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/06 07:29:26.22 0.83 1.00 47.3008 18.3183 5.7 4.4 107 0.0f 12 9 107 0.07 1.24 sx BUD 18001534 BUD 140

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 3 BUD 18001534

```

```

Sta 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 0.07 327.8 Pg 07:29:28.997 0.6 T__ 1607.0 ___ ML 1.7 194460 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 327.8 Lg 07:29:29.634 -0.9 T__ --- 194461 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU09A 0.34 7.3 Pg 07:29:34.250 0.8 T__ 172.0 ___ ML 1.5 194462 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.34 7.3 Lg 07:29:38.681 -1.0 T__ --- 194464 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.55 256.5 Lg 07:29:45.259 -0.8 T__ --- 194465 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.72 40.8 Lg 07:29:51.630 -1.3 T__ --- 194466 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.11 168.3 Lg 07:30:03.465 -0.9 T__ --- 194467 FDSN HU -- BUD iLoc HHE ??? _
ET1H 1.20 60.6 Sn 07:30:07.431 0.2 T__ --- 194468 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.22 187.1 Sn 07:30:08.141 0.4 T__ --- 194469 FDSN HU -- BUD iLoc HHE ??? _

```

```

PSZ 1.23 59.3 Pn 07:29:50.368 -0.4 T__ 35.3 ___ ML 1.7 194471 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.23 59.3 Sn 07:30:09.788 1.6 T__ ___ 194470 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 1.24 16.1 Sn 07:30:08.357 -0.0 T__ ___ 194463 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
2022/04/06 07:58:38.34 0.96 0.92 48.5025 17.5235 7.0 3.3 130 0.0f 9 6 136 0.21 1.25 sx BUD 18001536 BUD 210

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.21 231.9 Pg 07:58:42.845 -0.3 T__ ___ 194494 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.21 231.9 Lg 07:58:45.475 -1.6 T__ ___ 194501 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.37 15.2 Pg 07:58:45.920 -0.4 T__ 92.3 ___ ML 1.3 194495 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 15.2 Lg 07:58:52.596 0.1 T__ ___ 194502 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
VYHS 0.87 90.1 Lg 07:59:08.909 0.2 T__ ___ 194497 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.93 307.3 Lg 07:59:10.850 0.9 T__ ___ 194498 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.15 226.1 Pg 07:59:02.164 1.1 T__ ___ 194496 FDSN OE -- BUD iLoc HHZ ??? _
RONA 1.15 226.1 Lg 07:59:16.689 0.7 T__ ___ 194499 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.25 243.3 Lg 07:59:19.018 -0.1 T__ ___ 194500 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/06 08:22:36.91 1.33 0.71 48.5185 20.8681 7.5 6.0 35 0.0f 10 8 154 0.22 1.35 sx BUD 18001538 BUD 232

```

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.22 264.2 Pg 08:22:42.037 0.5 T__ 170.6 ___ ML 1.1 194523 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.22 264.2 Lg 08:22:45.253 0.2 T__ ___ 194524 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.26 262.2 Pg 08:22:42.564 0.3 T__ 454.6 ___ ML 1.7 194526 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.26 262.2 Lg 08:22:46.468 0.1 T__ ___ 194525 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.33 131.8 Lg 08:22:49.774 -0.0 T__ ___ 194527 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.46 210.1 Lg 08:22:54.042 -0.1 T__ ___ 194528 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.89 227.7 Lg 08:23:07.871 -1.0 T__ ___ 194529 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.92 226.6 Lg 08:23:08.942 -0.8 T__ ___ 194531 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.98 337.6 Lg 08:23:08.334 -0.9 T__ ___ 194530 FDSN PL -- BUD iLoc BHN ??? _
VYHS 1.35 269.7 Sn 08:23:20.955 -0.8 T__ ___ 194532 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
2022/04/06 08:44:52.60 0.88 0.97 48.5302 19.3164 6.3 3.3 6 0.0f 13 8 113 0.32 1.14 sx BUD 18001540 BUD 164

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Magnitude Err Nsta Author OrigID

ML 1.7 0.1 5 BUD 18001540

Sta	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	263.7	Pg	08:44:59.554	0.3					T__		58.9		---	ML	1.0	194566	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.32	263.7	Lg	08:45:03.985	-0.3					T__				---		194567	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
PSZ	0.72	147.5	Lg	08:45:18.150	-0.9					T__				---		194568	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.75	150.1	Pg	08:45:10.316	1.9					T__		45.2		---	ML	1.6	194565	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.75	150.1	Lg	08:45:18.803	-0.7					T__				---		194569	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.78	93.0	Pg	08:45:08.536	0.4					T__		165.1		---	ML	2.2	194563	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.78	93.0	Lg	08:45:19.379	-0.4					T__				---		194562	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	0.81	92.0	Pg	08:45:08.698	-0.0					T__		76.5		---	ML	1.8	194561	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	92.0	Lg	08:45:20.118	-0.8					T__				---		194570	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.90	116.4	Pg	08:45:10.883	-0.3					T__		44.9		---	ML	1.7	194564	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	116.4	Lg	08:45:23.991	-1.1					T__				---		194571	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	1.10	35.7	Lg	08:45:30.411	1.1					T__				---		194572	FDSN	PL	--	BUD	iLoc	BHN	???	_	
JAVC	1.14	287.4	Sn	08:45:31.407	-0.8					T__				---		194573	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/06	08:53:42.58	1.42	0.62	48.7454	19.9756	12.5	5.6	9	15.3	9.7	10	6	231	0.43	0.87	ke	BUD	18001542	BUD			298

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	18001542

Sta	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	127.6	Pg	08:53:51.979	0.5					T__		143.4		---	ML	1.6	194611	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	127.6	Lg	08:53:57.375	-0.6					T__				---		194609	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.45	123.5	Pg	08:53:52.191	0.3					T__		67.0		---	ML	1.4	194604	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.45	123.5	Lg	08:53:57.840	-0.7					T__				---		194610	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.72	149.4	Pn	08:53:58.219	-0.1					T__		42.6		---	ML	1.5	194605	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	149.4	Lg	08:54:07.808	-0.3					T__				---		194606	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	0.80	252.0	Pn	08:53:59.580	0.3					T__		19.0		---	ML	1.2	194608	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.80	252.0	Lg	08:54:09.361	-0.8					T__				---		194612	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.83	183.8	Sn	08:54:11.306	-0.4					T__				---		194607	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.87	184.6	Lg	08:54:13.272	0.3					T__				---		194613	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
2022/04/06	11:00:02.69	0.76	0.97	48.1181	18.9862	3.5	3.0	34	0.0f		19	13	84	0.27	1.17	sx	BUD	18001544	BUD			118

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	6 BUD	18001544

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.27	175.4	Pg	11:00:09.750	1.1					T__		181.9		---	ML	1.3	194673	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.27	175.4	Lg	11:00:13.695	0.2					T__				---		194677	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VYHS	0.39	345.1	Pg	11:00:11.773	1.0					T__		20.3		---	ML	0.7	194676	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.39	345.1	Lg	11:00:17.012	0.2					T__				---		194687	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
A338A	0.44	256.6	Lg	11:00:19.392	0.2					T__				---		194688	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
HU03A	0.46	117.3	Lg	11:00:20.677	0.9					T__				---		194678	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.55	236.3	Lg	11:00:22.168	-0.8					T__				---		194689	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ET1H	0.64	111.6	Pg	11:00:16.972	0.7					T__		30.3		---	ML	1.3	194674	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.64	111.6	Lg	11:00:25.832	-0.2					T__				---		194679	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.64	107.8	Pg	11:00:17.053	0.6					T__		40.0		---	ML	1.5	194675	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.64	107.8	Lg	11:00:26.014	-0.4					T__				---		194690	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CSKK	0.90	213.2	Lg	11:00:33.561	-1.7					T__				---		194680	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	1.03	89.2	Sn	11:00:37.888	-1.7					T__				---		194691	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	1.07	69.4	Lg	11:00:39.512	-0.8					T__				---		194681	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.10	69.4	Pg	11:00:24.588	0.0					T__		41.8		---	ML	1.7	194683	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.10	69.4	Sn	11:00:40.195	-1.2					T__				---		194682	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JAVC	1.15	310.8	Pg	11:00:26.519	0.5					T__		86.0		---	ML	2.1	194684	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.15	310.8	Sn	11:00:42.227	-0.3					T__				---		194685	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
MODS	1.17	283.3	Sn	11:00:41.583	-1.5					T__				---		194686	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
2022/04/06	11:30:25.84	0.78	1.05	48.0956	19.0027	4.0	3.1	173	0.0f		20	13	83	0.25	1.17	sx	BUD	18001546	BUD			116

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	7 BUD	18001546

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.25	177.6	Pg	11:30:32.387	1.0					T__		227.1		---	ML	1.4	194737	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.25	177.6	Lg	11:30:35.745	-0.1					T__				---		194744	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									

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(Station ML: 1.4 magdef=1
VYHS 0.41 344.5 Pg 11:30:35.745 1.3 T__ 26.9 --- ML 0.9 194746 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.41 344.5 Lg 11:30:40.873 0.1 T__ --- 194745 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
A338A 0.44 259.8 Lg 11:30:41.501 -1.1 T__ --- 194747 FDSN Z3 00 BUD iLoc HHZ ??? _
HU03A 0.44 115.4 Lg 11:30:43.110 0.8 T__ --- 194748 FDSN ZJ 00 BUD iLoc HHN ??? _
SR0 0.54 238.9 Lg 11:30:45.152 -0.9 T__ --- 194749 FDSN SK -- BUD iLoc EHN ??? _
HU09A 0.62 222.6 Lg 11:30:47.963 -0.8 T__ --- 194750 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 0.62 110.0 Pg 11:30:39.325 0.3 T__ 42.4 --- ML 1.5 194738 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.62 110.0 Lg 11:30:48.044 -0.5 T__ --- 194751 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.62 106.2 Pg 11:30:40.863 1.6 T__ 46.8 --- ML 1.5 194739 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.62 106.2 Lg 11:30:48.590 -0.4 T__ --- 194752 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.89 214.6 Pg 11:30:44.839 1.3 T__ 125.7 --- ML 2.1 194754 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.89 214.6 Lg 11:30:56.673 -1.3 T__ --- 194753 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 1.02 87.9 Sn 11:31:01.557 -1.0 T__ --- 194755 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 1.06 68.1 Pg 11:30:46.325 -0.7 T__ 108.0 --- ML 2.1 194741 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.06 68.1 Lg 11:31:03.034 -0.4 T__ --- 194740 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 1.10 68.1 Pg 11:30:47.053 -0.6 T__ 47.4 --- ML 1.8 194742 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.10 68.1 Sn 11:31:02.508 -1.9 T__ --- 194743 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 1.17 311.3 Sn 11:31:05.329 -0.9 T__ --- 194756 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/06 13:53:53.94 1.36 0.29 47.7541 16.3289 20.0 4.8 16 17.0 14.3 8 4 112 0.06 1.31 ke BUD 18001548 BUD 200

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Magnitude Err Nsta Author OrigID
ML 1.1 0.7 3 BUD 18001548

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.06 202.0 Pg 13:53:57.572 0.2 T__ --- 194790 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.06 202.0 Lg 13:53:59.554 -0.3 T__ --- 194791 FDSN OE -- BUD iLoc HHN ??? _
SOP 0.17 114.5 Pg 13:53:58.725 0.2 T__ 70.1 --- ML 0.6 194793 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.17 114.5 Lg 13:54:01.588 -0.2 T__ --- 194792 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CONA 0.36 299.1 Pg 13:54:01.739 -0.0 T__ 59.4 --- ML 1.1 194788 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.36 299.1 Lg 13:54:07.353 0.2 T__ --- 194789 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KRUC 1.31 1.9 Pn 13:54:17.508 0.0 T__ 50.1 --- ML 1.9 194794 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.31 1.9 Sn 13:54:34.318 -0.2 T__ --- 194795 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1

```



(Station ML: 1.9 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/06	15:00:55.36	0.93	0.85	45.5836	16.0680	7.0	4.0	32	5.0f		27	16	163	0.25	2.35	ke	BUD	18001550	BUD			225

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	12 BUD	18001550

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.25	346.9	Pg	15:01:00.505	0.1					T__		8403.8		___	ML	2.9	194855	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.25	346.9	Lg	15:01:04.652	0.6					T__				___		194854	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0)																									
PTJ	0.33	347.8	Pg	15:01:01.375	-0.9					T__		2046.4		___	ML	2.5	194852	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.33	347.8	Lg	15:01:06.493	-0.9					T__				___		194853	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1)																									
CRES	0.49	299.7	Pg	15:01:04.875	-0.1					T__		389.4		___	ML	2.3	194856	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.49	299.7	Lg	15:01:12.946	0.7					T__				___		194857	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0)																									
KOGS	0.87	8.3	Pg	15:01:11.571	-0.8					T__		653.4		___	ML	2.8	194849	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.87	8.3	Lg	15:01:25.933	2.3					T__				___		194848	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1)																									
BEHE	1.01	28.8	Pg	15:01:15.455	0.5					T__		973.3		___	ML	3.1	194847	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.01	28.8	Lg	15:01:29.554	0.9					T__				___		194860	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0)																									
A264A	1.03	55.5	Pg	15:01:15.576	0.3					T__		591.9		___	ML	2.8	194850	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	1.03	55.5	Lg	15:01:29.494	0.2					T__				___		194851	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1)																									
BLY	1.15	136.2	Pg	15:01:16.992	0.0					T__		283.9		___	ML	2.6	194859	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.15	136.2	Lg	15:01:32.710	0.1					T__				___		194861	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1)																									
A273A	1.27	74.2	Pg	15:01:19.210	-0.3					T__		475.0		___	ML	2.9	194863	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	1.27	74.2	Lg	15:01:36.364	-0.0					T__				___		194862	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1)																									
A263A	1.37	38.9	Sn	15:01:39.462	-0.6					T__				___		194864	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
OBKA	1.41	311.7	Pn	15:01:21.989	-0.0					T__		214.5		___	ML	2.6	194858	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.41	311.7	Lg	15:01:41.348	0.6					T__				___		194865	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1)																									
KOVH	1.51	69.7	Sn	15:01:42.340	-1.2					T__				___		194866	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.71	347.5	Lg	15:01:49.655	-0.1					T__				___		194867	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A266A	1.80	57.6	Lg	15:01:52.591	-0.6					T__				___		194868	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.91	69.7	Pg	15:01:30.846	-0.3					T__		91.2		___	ML	2.5	194870	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.91	69.7	Sn	15:01:54.393	1.1					T__				___		194869	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1																									

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(Station ML: 2.5 magdef=0
AO19A 1.98 340.3 Pg 15:01:33.344 1.7 T__ 127.4 ___ ML 2.7 194872 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO19A 1.98 340.3 Sn 15:01:56.405 1.0 T__ ___ 194871 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
COA 2.35 356.6 Pn 15:01:34.648 -0.4 T__ 75.0 ___ ML 2.7 194873 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/06 17:04:03.33 0.94 0.79 48.7001 19.2709 4.2 3.3 171 7.5 7.6 32 19 58 0.35 2.23 ke BUD 18001552 BUD 93

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Magnitude Err Nsta Author OrigID
ML 2.4 0.2 14 BUD 18001552

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Sta 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 0.35 234.6 Pg 17:04:10.873 0.1 T__ 134.3 ___ ML 1.4 194960 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.35 234.6 Lg 17:04:15.849 -0.3 T__ ___ 194961 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU03A 0.83 164.5 Pg 17:04:20.755 0.3 T__ 407.8 ___ ML 2.6 194954 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.83 164.5 Lg 17:04:33.074 1.0 T__ ___ 194953 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
KECS 0.84 104.6 Pg 17:04:19.733 -0.2 T__ 535.7 ___ ML 2.7 194956 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.84 104.6 Lg 17:04:30.900 -0.8 T__ ___ 194957 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
JOS 0.87 103.2 Pg 17:04:20.198 -0.3 T__ 318.8 ___ ML 2.5 194958 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.87 103.2 Lg 17:04:32.053 -0.5 T__ ___ 194959 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
PSZ 0.89 151.7 Pn 17:04:21.786 -0.4 T__ 395.1 _c_ ML 2.6 194950 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.89 151.7 Lg 17:04:34.126 -0.4 T__ ___ 194974 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
ET1H 0.91 153.8 Pn 17:04:21.908 -0.6 T__ 103.0 _c_ ML 2.0 194951 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.91 153.8 Lg 17:04:34.693 -0.3 T__ ___ 194952 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A338A 0.92 222.1 Sn 17:04:34.906 -1.1 T__ ___ 194975 FDSN Z3 00 BUD iLoc HH2 ??? _
NIE 0.99 42.9 Pn 17:04:23.637 0.0 T__ 55.6 ___ ML 1.8 194966 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.99 42.9 Lg 17:04:36.099 0.6 T__ ___ 194967 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU02A 1.02 124.2 Pn 17:04:23.627 -0.4 T__ 192.0 ___ ML 2.3 194955 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
JAVC 1.07 279.1 Pn 17:04:24.123 -0.6 T__ 127.9 ___ ML 2.2 194968 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.07 279.1 Sn 17:04:39.052 -0.8 T__ ___ 194976 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

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SR0	1.09	216.2	Pn	17:04:25.620	0.6	T__	686.9	___	ML	2.9	194964	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	1.09	216.2	Sn	17:04:40.468	0.2	T__		---			194977	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
HU09A	1.22	209.6	Sn	17:04:43.583	0.2	T__		---			194963	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MODS	1.36	256.9	Pn	17:04:28.331	-0.4	T__		---			194969	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.36	256.9	Sn	17:04:47.306	0.2	T__		---			194978	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	1.37	106.4	Pg	17:04:30.596	0.4	T__	134.5	---	ML	2.4	194962	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.37	106.4	Lg	17:04:49.652	0.5	T__		---			194979	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
CSKK	1.50	207.3	Pn	17:04:31.527	0.9	T__	73.7	---	ML	2.2	194965	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
OJC	1.56	12.6	Pn	17:04:31.952	0.5	T__	105.8	---	ML	2.4	194970	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.56	12.6	Lg	17:04:52.322	-0.4	T__		---			194980	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
MORC	1.56	314.2	Pn	17:04:31.573	0.0	T__	73.9	---	ML	2.2	194972	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.56	314.2	Sn	17:04:51.924	-0.1	T__		---			194971	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
KOLS	2.00	82.2	Lg	17:05:10.972	3.0	T__		---			194981	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	2.23	244.4	Pn	17:04:40.797	0.2	T__		---			194973	FDSN	OE	--	BUD	iLoc	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/07	07:13:26.47	0.55	0.62	48.0624	20.6887	6.7	3.9	158	0.0A	0.0	11	6	197	0.12	1.31	m	kx BUD	18001554	BUD			360
2022/04/07	07:13:24.75	0.93	0.50	48.0471	20.6805f				0.0f		11	6	200	0.13	1.31		kx BUD_GT	18001555	BUD_GT			268
(locality : Miskolc-Mexikóvölgy Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	18001555

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	07:13:27.879	-0.1					T__		1084.1		_c_	ML	1.7	195032	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	07:13:30.502	-0.3					T__				---		195033	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ABAH	0.45	56.1	Pg	07:13:34.656	0.6					T__		76.6		---	ML	1.4	195038	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	07:13:41.119	-0.7					T__				---		195037	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.46	343.5	Pg	07:13:34.373	0.3					T__		113.7		---	ML	1.6	195034	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	343.5	Lg	07:13:40.672	-0.4					T__				---		195040	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.46	348.2	Pg	07:13:34.245	0.2					T__		57.1		---	ML	1.3	195035	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	07:13:40.690	-0.5					T__				---		195036	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	0.54	256.6	Pg	07:13:37.185	0.6					T__		62.2		---	ML	1.6	195039	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ	0.54	256.6	Lg	07:13:44.543	-0.6	T__	---	195041	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																
(Station ML: 1.6 magdef=1)																
VYHS	1.31	290.6	Sn	07:14:08.494	-0.2	T__	---	195042	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
2022/04/07	08:14:12.37	1.58	1.47	48.4737	21.4527	9.3	7.8	105	0.0f	7	5	169	0.23	0.71	sx	BUD	18001556	BUD				306

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
ABAH	0.23	218.7	Pg	08:14:18.040	0.7					T__		86.7		---	ML	0.9	195068	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.23	218.7	Lg	08:14:20.249	-1.4					T__				---		195070	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1)																										
(Station ML: 0.9 magdef=1)																										
JOS	0.61	272.4	Pg	08:14:24.996	0.5					T__		26.1		---	ML	1.3	195069	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.61	272.4	Lg	08:14:33.432	-0.3					T__				---		195071	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
KECS	0.64	271.2	Lg	08:14:34.710	-0.3					T__				---		195072	FDSN	SK	--	BUD	iLoc	EHN	???	_		
KOLS	0.71	49.5	Lg	08:14:36.062	-1.6					T__				---		195073	FDSN	SK	--	BUD	iLoc	HHN	???	_		
HU02A	0.71	240.8	Lg	08:14:36.546	-1.8					T__				---		195074	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/07	08:18:27.81	0.99	1.08	48.4603	17.2350	5.4	4.7	157	0.0f	9	6	78	0.09	1.07	sx	BUD	18001558	BUD				155

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
MODS	0.09	161.9	Pg	08:18:30.447	0.2					T__				_c_		195095	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.09	161.9	Lg	08:18:31.360	-1.2					T__				---		195096	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.49	35.7	Lg	08:18:45.957	-0.2					T__				---		195103	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
KRUC	0.82	317.6	Lg	08:18:55.894	0.2					T__				---		195097	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
RONA	0.99	219.9	Pg	08:18:47.726	0.3					T__				---		195099	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.99	219.9	Lg	08:19:00.653	0.4					T__				---		195098	FDSN	OE	--	BUD	iLoc	HHN	???	_		
CONA	1.06	240.4	Pg	08:18:46.981	-1.8					T__		43.8		---	ML	1.7	195100	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	1.06	240.4	Lg	08:19:03.853	1.3					T__				---		195101	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=0)																										
VYHS	1.07	87.6	Lg	08:19:05.211	0.5					T__				---		195102	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
2022/04/07	08:34:07.66	0.85	0.67	48.9311	19.8546	4.4	3.8	101	0.0f	15	10	93	0.57	1.44	sx	BUD	18001560	BUD				125

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	18001560

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
NIE	0.57	30.8	Pg	08:34:18.259	-0.2					T__		39.6		---	ML	1.4	195137	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

NIE	0.57	30.8	Lg	08:34:26.695	0.1	T__								195140	FDSN	PL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.4 magdef=1)																			
				(Station ML: 1.4 magdef=1)																			
KECS	0.61	136.8	Pg	08:34:20.468	0.6	T__				97.5			ML	1.8	195133	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.61	136.8	Lg	08:34:29.433	0.4	T__									195134	FDSN	SK	--	BUD	iLoc	EHE	???	_
				(Reading ML: 1.8 magdef=1)																			
				(Station ML: 1.8 magdef=0)																			
JOS	0.63	133.6	Pg	08:34:20.605	0.4	T__				58.7			ML	1.6	195132	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	133.6	Lg	08:34:29.771	0.2	T__									195141	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.6 magdef=1)																			
				(Station ML: 1.6 magdef=1)																			
VVHS	0.80	237.4	Pg	08:34:24.467	0.6	T__				24.9			ML	1.3	195138	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.80	237.4	Lg	08:34:35.605	0.1	T__									195142	FDSN	SK	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.3 magdef=1)																			
				(Station ML: 1.3 magdef=0)																			
HU02A	0.92	150.9	Pg	08:34:26.439	-0.2	T__				44.9			ML	1.7	195135	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.92	150.9	Lg	08:34:39.513	-0.6	T__									195136	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 1.7 magdef=1)																			
				(Station ML: 1.7 magdef=1)																			
PSZ	1.01	178.5	Lg	08:34:42.649	-1.2	T__									195143	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.05	179.4	Lg	08:34:43.364	-1.4	T__									195144	FDSN	HU	--	BUD	iLoc	HHN	???	_
ABAH	1.12	124.1	Lg	08:34:46.153	0.3	T__									195139	FDSN	HU	--	BUD	iLoc	HHN	???	_
OJC	1.29	358.4	Lg	08:34:49.882	0.2	T__									195145	FDSN	PL	--	BUD	iLoc	BHN	???	_
JAVC	1.44	268.0	Sn	08:34:54.381	-0.4	T__									195146	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/07	09:18:27.07	1.37	0.42	48.5436	20.8174	7.2	6.2	31	0.0f		9	7	152	0.19	0.94	sx	BUD	18001562	BUD			235

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.19	255.6	Pg	09:18:31.253	0.2					T__		420.6			ML	1.5	195174	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	255.6	Lg	09:18:34.321	0.1					T__						195176	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
KECS	0.23	254.8	Pg	09:18:31.679	-0.2					T__		1361.7			ML	2.1	195175	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	254.8	Lg	09:18:35.532	-0.0					T__						195177	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
ABAH	0.37	131.2	Lg	09:18:41.544	0.1					T__						195178	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.46	204.9	Lg	09:18:44.011	-0.5					T__						195179	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.88	224.9	Lg	09:18:59.598	0.8					T__						195180	FDSN	GE	--	BUD	iLoc	HHE	???	_	
ET1H	0.92	223.9	Lg	09:18:59.353	-0.4					T__						195182	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.94	338.9	Lg	09:18:58.032	-0.1					T__						195181	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
2022/04/07	09:25:22.00	0.94	0.73	47.3550	18.4161	5.7	4.8	99	0.0f		11	10	110	0.11	1.29	sx	BUD	18001564	BUD			112

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	274.5	Pg	09:25:25.088	0.3					T__		2659.2		_c_	ML	2.0	195205	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	274.5	Lg	09:25:26.562	-0.9					T__						195206	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
HU09A	0.28	355.4	Lg	09:25:33.089	-0.4					T__						195207	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.34	283.0	Lg	09:25:35.673	0.3					T__						195208	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
A267A	0.41	173.7	Lg	09:25:36.993	-0.6					T__						195215	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.62	253.1	Lg	09:25:43.447	-0.9					T__						195209	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.12	61.4	Sn	09:26:00.718	-0.3					T__						195210	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.15	60.0	Sn	09:26:02.116	0.2					T__						195211	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.15	172.1	Sn	09:26:01.573	-0.2					T__						195212	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VVHS	1.17	13.8	Sn	09:26:02.402	-0.1					T__						195213	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.29	189.9	Sn	09:26:06.436	1.3					T__						195214	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
2022/04/07	09:43:52.13	3.36	1.01	48.3728	21.3213	20.7	6.5	74	0.0f		8	5	291	0.09	1.09	sx	BUD	18001566	BUD			319

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	18001566

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.09	215.4	Pg	09:43:54.449	-0.1					T__		209.3		___	ML	0.9	195235	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.09	215.4	Lg	09:43:57.735	0.9					T__				___		195240	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.54	283.6	Pg	09:44:03.359	0.5					T__		39.3		___	ML	1.4	195236	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	283.6	Lg	09:44:10.371	-0.7					T__				___		195241	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.57	281.5	Lg	09:44:11.466	-0.7					T__				___		195242	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.59	245.1	Pg	09:44:05.477	1.0					T__		47.8		___	ML	1.5	195238	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.59	245.1	Lg	09:44:13.621	-0.2					T__				___		195237	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	1.09	243.6	Sn	09:44:29.043	-1.4					T__				___		195239	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
2022/04/07	10:27:45.67	0.95	0.48	48.3347	19.8247	5.0	3.7	116	0.0f		13	8	107	0.42	1.13	sx	BUD	18001568	BUD			199

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	18001568

Sta	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	173.6	Pg	10:27:55.148	0.2					T__		118.4		___	ML	1.5	195280	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	173.6	Lg	10:28:01.534	-0.2					T__				___		195281	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.46	176.1	Pg	10:27:55.838	0.3					T__		59.6		___	ML	1.3	195283	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.46	176.1	Lg	10:28:02.612	0.0					T__				___		195284	FDSN	HU	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KECS 0.46 71.1 Pg 10:27:55.065 -0.0 T__ 169.1 ___ ML 1.8 195282 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.46 71.1 Lg 10:28:02.318 0.1 T__ ___ 195275 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 0.50 71.0 Pg 10:27:55.499 -0.3 T__ 93.0 _c_ ML 1.7 195273 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.50 71.0 Lg 10:28:03.104 -0.4 T__ ___ 195274 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.51 114.2 Lg 10:28:04.510 -0.3 T__ ___ 195276 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.68 284.0 Lg 10:28:08.527 -0.9 T__ ___ 195279 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.95 91.8 Lg 10:28:18.620 -0.4 T__ ___ 195285 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.13 15.9 Pg 10:28:07.796 0.8 T__ 28.5 ___ ML 1.6 195278 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.13 15.9 Lg 10:28:23.718 0.2 T__ ___ 195277 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/07 11:31:16.59 1.10 1.06 47.5687 16.3743 6.3 4.6 10 0.0f 9 7 125 0.14 1.49 sx BUD 18001570 BUD 200

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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
RONA 0.14 338.1 Pg 11:31:19.920 0.1 T__ _c_ 195335 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.14 338.1 Lg 11:31:22.111 -0.0 T__ ___ 195334 FDSN OE -- BUD iLoc HHN ??? _
SOP 0.17 47.3 Pg 11:31:20.979 0.6 T__ 248.8 ___ ML 1.2 195332 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.17 47.3 Lg 11:31:23.919 0.8 T__ ___ 195333 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
CONA 0.50 316.3 Lg 11:31:34.147 0.8 T__ ___ 195336 FDSN OE -- BUD iLoc HHE ??? _
ARSA 0.66 241.5 Lg 11:31:37.117 -0.6 T__ ___ 195337 FDSN OE -- BUD iLoc HHN ??? _
MPLH 0.89 116.3 Lg 11:31:46.963 -0.5 T__ ___ 195338 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.01 36.7 Lg 11:31:50.635 -2.0 T__ ___ 195339 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.49 0.5 Sn 11:32:04.202 -0.7 T__ ___ 195340 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/07 13:43:41.29 1.05 0.30 47.8826 16.0698 7.3 4.0 36 0.0f 7 5 129 0.15 1.20 sx BUD 18001572 BUD 211

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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
CONA 0.15 288.1 Pg 13:43:44.479 0.0 T__ ___ 195357 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.15 288.1 Lg 13:43:46.962 0.2 T__ ___ 195358 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
RONA 0.24 140.1 Pg 13:43:46.396 0.1 T__ ___ 195359 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.24 140.1 Lg 13:43:49.738 -0.1 T__ ___ 195362 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.73 210.5 Lg 13:44:04.856 0.2 T__ ___ 195360 FDSN OE -- BUD iLoc HHE ??? _
A019A 0.80 237.1 Lg 13:44:06.539 -0.5 T__ ___ 195363 FDSN Z3 00 BUD iLoc HH2 ??? _

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KRUC	1.20	10.3	Lg	13:44:21.801	-0.2				T__						195361	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/04/08	06:51:18.63	1.46	0.54	46.0643	22.8607	12.3	6.8	65	0.0f		7	5	178	0.18	0.98	sx	BUD	18001576	BUD				246		
Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.18	170.7	Pg	06:51:22.441	0.3					T__		582.9		---	ML	1.6	195483	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	170.7	Lg	06:51:24.285	-0.4					T__				---			195486	FDSN	RO	--	BUD	iLoc	HNN	???	_
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
GZR	0.67	185.0	Pg	06:51:31.727	0.2					T__		29.9		---	ML	1.4	195484	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	185.0	Lg	06:51:40.436	-0.7					T__				---			195487	FDSN	RO	--	BUD	iLoc	HNN	???	_
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
DRGR	0.73	352.0	Lg	06:51:44.751	-0.6					T__				---			195485	FDSN	RO	--	BUD	iLoc	HNN	???	_
SIRR	0.86	284.1	Lg	06:51:48.367	-0.2					T__				---			195488	FDSN	RO	--	BUD	iLoc	HNN	???	_
BZS	0.98	243.2	Lg	06:51:51.471	0.0					T__				---			195489	FDSN	RO	--	BUD	iLoc	HNN	???	_
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/04/08	08:44:40.43	1.09	0.84	46.0635	22.9076	8.5	4.0	75	0.0f		10	6	145	0.18	1.01	sx	BUD	18001578	BUD				211		
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.6	0.0	4	BUD	18001578																				
Sta	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	181.0	Pg	08:44:44.228	0.4					T__		691.7		---	ML	1.6	195560	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	181.0	Lg	08:44:45.999	-0.4					T__				---			195563	FDSN	RO	--	BUD	iLoc	HNN	???	_
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
GZR	0.68	187.8	Pg	08:44:53.810	0.4					T__		58.6		---	ML	1.6	195561	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.68	187.8	Lg	08:45:02.520	-0.5					T__				---			195566	FDSN	RO	--	BUD	iLoc	HNN	???	_
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
DRGR	0.74	349.5	Pg	08:44:55.783	0.4					T__		50.8		---	ML	1.6	195564	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.74	349.5	Lg	08:45:06.045	-1.3					T__				---			195565	FDSN	RO	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
LOT	0.86	135.3	Lg	08:45:08.620	-1.0					T__				---			195562	FDSN	RO	--	BUD	iLoc	HNN	???	_
SIRR	0.89	283.7	Pg	08:44:59.048	0.5					T__		55.4		---	ML	1.7	195559	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.89	283.7	Lg	08:45:10.587	-0.8					T__				---			195558	FDSN	RO	--	BUD	iLoc	HNN	???	_
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
BZS	1.01	244.1	Lg	08:45:13.471	-0.7					T__				---			195567	FDSN	RO	--	BUD	iLoc	HNN	???	_
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/04/08	09:12:22.59	0.37	0.54	47.8340	19.0985	4.7	3.3	174	0.0A	0.0	10	8	103	0.05	1.17	m	kx	BUD	18001580	BUD			360		
2022/04/08	09:12:20.72	0.92	0.81	47.8327	19.1394f				0.0f		10	8	108	0.08	1.15		kx	BUD_GT	18001581	BUD_GT			194		



(locality : Sejce-Vác Hungary)  
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.08	278.8	Pg	09:12:23.317	0.4					T__		2301.9		---	ML	1.9	195638	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	09:12:24.385	-0.5					T__				---		195642	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.32	76.9	Lg	09:12:34.113	1.2					T__				---		195644	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BUD	0.36	192.6	Lg	09:12:33.555	-1.2					T__				---		195643	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	0.50	84.3	Lg	09:12:38.819	-0.3					T__				---		195639	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.1	Lg	09:12:39.695	-0.6					T__				---		195640	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.1	Pg	09:12:35.018	0.1					T__		16.4		---	ML	1.1	195645	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	09:12:44.662	-0.5					T__				---		195641	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	1.11	53.7	Sn	09:12:58.332	-1.3					T__				---		195646	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.15	54.2	Lg	09:13:00.734	-0.5					T__				---		195647	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/08	09:41:28.40	0.99	1.24	48.2378	21.2234	6.3	3.8	157	0.0f		16	9	152	0.06	1.61	sx	BUD	18001582	BUD			204

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	18001582

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.06	10.6	Pg	09:41:30.039	-0.1					T__		11211.1		---	ML	2.5	195720	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	10.6	Lg	09:41:30.642	-1.3					T__				---		195721	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
HU02A	0.48	256.4	Pg	09:41:38.960	0.3					T__		68.5		---	ML	1.5	195722	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	256.4	Lg	09:41:45.770	-0.7					T__				---		195733	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.52	299.8	Pg	09:41:39.312	0.4					T__		73.2		---	ML	1.6	195723	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	299.8	Lg	09:41:46.634	-0.4					T__				---		195734	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.55	296.8	Lg	09:41:46.975	-0.9					T__				---		195735	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.89	96.5	Pg	09:41:45.797	0.1					T__		70.9		---	ML	1.8	195725	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	96.5	Lg	09:41:58.177	-2.1					T__				---		195724	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.95	250.8	Pg	09:41:48.477	0.1					T__		79.0		---	ML	1.9	195726	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.95	250.8	Lg	09:42:01.697	-0.9					T__				---		195727	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	0.98	248.9	Pg	09:41:48.952	0.2					T__		42.8		---	ML	1.7	195730	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.98	248.9	Lg	09:42:03.122	0.0					T__				---		195731	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

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(Station ML: 1.7 magdef=1
KOLS 0.99 44.6 Pg 09:41:48.670 1.5 T__ --- 195729 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.99 44.6 Lg 09:42:00.429 -2.8 T__ --- 195728 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.61 280.0 Sn 09:42:20.875 1.2 T__ --- 195732 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
2022/04/08 09:57:35.35 0.82 1.06 48.4965 19.3404 4.5 3.2 3 0.0f 16 11 105 0.34 1.28 sx BUD 18001584 BUD 160

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Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 18001584

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Sta 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 0.34 269.8 Pg 09:57:43.126 0.8 T__ 38.8 --- ML 0.8 195780 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.34 269.8 Lg 09:57:46.522 -1.0 T__ --- 195781 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
HU03A 0.62 163.6 Lg 09:57:58.369 0.8 T__ --- 195782 FDSN ZJ 00 BUD iLoc HHN ??? _
HU10A 0.69 198.4 Lg 09:57:59.526 -0.9 T__ --- 195783 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.69 147.1 Pg 09:57:50.835 0.8 T__ 55.8 --- ML 1.6 195785 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.69 147.1 Lg 09:58:00.622 0.1 T__ --- 195784 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.71 149.9 Lg 09:58:00.827 -0.2 T__ --- 195777 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.76 90.6 Lg 09:58:01.626 -0.3 T__ --- 195786 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.80 89.6 Pg 09:57:51.109 -0.1 T__ 69.6 --- ML 1.8 195775 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.80 89.6 Lg 09:58:02.394 -0.8 T__ --- 195787 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.88 114.9 Pg 09:57:52.765 -0.6 T__ 64.3 --- ML 1.8 195776 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.88 114.9 Lg 09:58:05.291 -1.6 T__ --- 195788 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
NIE 1.12 34.1 Pg 09:57:57.984 1.5 T__ 30.5 --- ML 1.6 195779 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.12 34.1 Lg 09:58:11.788 -0.9 T__ --- 195778 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JAVC 1.16 288.8 Sn 09:58:13.616 -2.0 T__ --- 195789 FDSN CZ -- BUD iLoc HHN ??? _
ABAH 1.28 98.3 Sn 09:58:18.796 0.4 T__ --- 195790 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
2022/04/08 11:35:14.16 0.71 0.70 48.4141 17.2769 3.9 3.3 126 0.0f 22 14 54 0.04 1.76 sx BUD 18001586 BUD 105

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 6 BUD 18001586

```

```

Sta 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 0.04 179.5 Pg 11:35:15.319 -0.3 T__ _c_ 195855 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.04 179.5 Lg 11:35:16.816 -0.4 T__ --- 195856 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.52 30.2 Pg 11:35:25.051 0.1 T__ 240.5 --- ML 2.1 195857 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.52 30.2 Lg 11:35:32.483 -0.9 T__ --- 195865 FDSN CZ -- BUD iLoc HHN ??? _

```

```

(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KRUC 0.87 318.3 Pg 11:35:30.858 -0.1 T__ 63.2 --- ML 1.8 195858 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.87 318.3 Lg 11:35:42.690 -1.1 T__ --- 195859 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SOP 0.88 213.7 Lg 11:35:43.526 0.3 T__ --- 195866 FDSN HU -- BUD iLoc HHN ??? _
RONA 0.97 223.0 Pg 11:35:32.391 -1.0 T__ --- 195860 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.97 223.0 Lg 11:35:46.743 0.6 T__ --- 195867 FDSN OE -- BUD iLoc HHN ??? _
VRAC 1.00 333.5 Pg 11:35:33.597 0.5 T__ 23.9 --- ML 1.4 195861 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.00 333.5 Lg 11:35:47.729 -0.2 T__ --- 195868 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 1.04 85.0 Pg 11:35:36.116 1.0 T__ 19.0 --- ML 1.4 195863 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.04 85.0 Lg 11:35:49.993 -0.2 T__ --- 195862 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
CONA 1.06 243.4 Pg 11:35:35.240 0.1 T__ 81.3 --- ML 2.0 195864 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.06 243.4 Lg 11:35:49.519 0.6 T__ --- 195869 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU09A 1.07 135.9 Sn 11:35:51.308 -0.7 T__ --- 195872 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 1.08 155.9 Sn 11:35:50.466 -1.6 T__ --- 195871 FDSN ZJ 00 BUD iLoc HHN ??? _
A008A 1.08 268.2 Lg 11:35:49.466 -0.2 T__ --- 195870 FDSN Z3 00 BUD iLoc HH2 ??? _
MORC 1.38 7.2 Lg 11:35:59.127 0.2 T__ --- 195873 FDSN CZ -- BUD iLoc HHN ??? _
ARSA 1.66 226.1 Pn 11:35:45.191 0.7 T__ 91.1 --- ML 2.4 195875 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.66 226.1 Sn 11:36:06.810 0.3 T__ --- 195874 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
A019A 1.76 237.5 Sn 11:36:09.689 0.5 T__ --- 195876 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
2022/04/09 00:26:56.39 0.86 0.55 46.0153 20.8449 7.0 4.1 38 17.3 7.5 13 9 94 0.34 1.54 ke BUD 18001588 BUD 152

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Magnitude Err Nsta Author OrigID
ML 1.9 0.0 3 BUD 18001588

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```

Sta 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 0.34 346.2 Pg 00:27:04.263 0.1 T__ --- 195915 FDSN HU -- BUD iLoc HHZ HHZ _
AMBH 0.34 346.2 Lg 00:27:09.631 -0.1 T__ --- 195916 FDSN HU -- BUD iLoc HHN ??? _
BZS 0.67 126.2 Pg 00:27:09.814 0.2 T__ 47.3 --- ML 1.5 195914 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.67 126.2 Lg 00:27:19.108 0.2 T__ --- 195913 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU21A 0.84 292.7 Lg 00:27:25.880 -0.2 T__ --- 195917 FDSN ZJ 00 BUD iLoc HHN ??? _
HU24A 0.92 13.5 Lg 00:27:27.685 0.2 T__ --- 195918 FDSN ZJ 00 BUD iLoc HHN ??? _
FRGS 1.12 220.6 Sn 00:27:31.976 -0.4 T__ --- 195919 FDSN SJ -- BUD iLoc BHN ??? _
HU22A 1.23 285.3 Sn 00:27:34.970 -0.0 T__ --- 195920 FDSN ZJ 00 BUD iLoc HHN ??? _
GZR 1.49 114.0 Pn 00:27:21.865 -0.5 T__ 35.3 --- ML 1.9 195922 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.49 114.0 Sn 00:27:41.585 0.1 T__ --- 195921 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

DRGR	1.51	58.3	Pn	00:27:22.385	-0.3	T__	37.3	___	ML	1.9	195911	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.51	58.3	Sn	00:27:42.178	0.3	T__		---			195912	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MORH	1.54	278.2	Sn	00:27:44.103	1.4	T__		---			195923	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
2022/04/09	08:36:55.57	1.01	0.19	46.1383	18.3001	10.8	3.5	160	0.0f	6	4	178	0.15	0.61	sx	BUD	18001592	BUD				284

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	250.3	Pg	08:36:59.214	0.0					T__		417.1		___	ML	1.3	196001	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	250.3	Lg	08:37:02.172	0.0					T__				---		196002	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.25	72.1	Pg	08:37:01.278	0.1					T__		196.5		___	ML	1.3	196004	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	72.1	Lg	08:37:05.423	-0.2					T__				---		196003	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.39	356.4	Lg	08:37:10.206	-0.0					T__				---		196005	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU22A	0.61	71.5	Lg	08:37:18.134	-0.2					T__				---		196006	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/04/11	02:01:03.72	2.32	0.37	47.9928	19.9769	16.3	9.0	114	10.9	23.3	7	5	179	0.09	0.90	ke	BUD	18001606	BUD					213

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	216.7	Pg	02:01:07.203	0.2					T__		121.6		___	ML	0.6	196311	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.09	216.7	Lg	02:01:09.257	-0.3					T__				---		196312	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
ET1H	0.13	212.0	Pg	02:01:07.522	0.1					T__		39.2		___	ML	0.3	196314	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.13	212.0	Lg	02:01:09.887	-0.3					T__				---		196313	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
HU02A	0.39	70.4	Lg	02:01:18.140	-0.3					T__				---		196315	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.63	36.5	Lg	02:01:25.276	-0.2					T__				---		196316	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
HU05A	0.90	119.0	Lg	02:01:35.031	0.2					T__				---		196317	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/04/11	04:03:15.68	0.92	0.29	48.0026	19.9992	10.1	2.7	137	5.0f	10	6	143	0.11	0.61	ke	BUD	18001608	BUD						178

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.3	4 BUD	18001608

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.11	219.9	Pg	04:03:18.797	0.2					T__		335.6		___	ML	1.1	196342	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

```

PSZ 0.11 219.9 Lg 04:03:20.925 -0.1 T__ --- 196343 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ET1H 0.15 214.9 Pg 04:03:19.236 0.0 T__ 91.2 --- ML 0.7 196345 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.15 214.9 Lg 04:03:21.573 -0.3 T__ --- 196344 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
HU03A 0.29 249.9 Lg 04:03:26.385 0.1 T__ --- 196349 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.37 71.1 Pg 04:03:23.937 0.3 T__ 47.2 --- ML 1.0 196346 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.37 71.1 Lg 04:03:29.388 -0.3 T__ --- 196350 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.58 33.9 Lg 04:03:35.669 -0.3 T__ --- 196347 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.61 36.0 Pg 04:03:27.936 0.1 T__ 46.1 --- ML 1.5 196348 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.61 36.0 Lg 04:03:36.605 -0.4 T__ --- 196351 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/11 06:37:58.46 0.92 1.21 47.0456 17.9376 5.3 3.3 91 0.0f 10 6 114 0.15 0.96 sx BUD 18001610 BUD 166

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD 18001610

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```

Sta 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 0.15 191.9 Pg 06:38:02.592 0.6 T__ 1763.5 --- ML 2.0 196407 FDSN HU -- BUD iLoc HHZ HHZ _
TIH 0.15 191.9 Lg 06:38:03.899 -1.2 T__ --- 196410 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MPLH 0.30 294.8 Pg 06:38:06.043 1.0 T__ 116.8 --- ML 1.2 196406 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.30 294.8 Lg 06:38:08.771 -1.4 T__ --- 196408 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU08A 0.39 358.6 Lg 06:38:12.128 -1.3 T__ --- 196413 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 0.39 34.6 Pg 06:38:07.611 0.9 T__ 136.6 --- ML 1.5 196411 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.39 34.6 Lg 06:38:12.243 -1.4 T__ --- 196412 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.96 149.4 Lg 06:38:31.205 -0.6 T__ --- 196414 FDSN HU -- BUD iLoc HHN ??? _
KOVH 0.96 173.3 Pg 06:38:18.372 0.5 T__ 85.6 --- ML 2.0 196415 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.96 173.3 Lg 06:38:32.592 0.5 T__ --- 196409 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/11 08:01:15.63 0.72 0.82 48.6811 18.4181 6.5 3.2 24 0.0f 14 8 124 0.33 1.51 sx BUD 18001614 BUD 166

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.0 5 BUD 18001614

```

Sta	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	123.8	Pg	08:01:22.842	0.3					T__		31.2		---	ML	0.7	196491	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	123.8	Lg	08:01:27.790	0.1					T__				---		196490	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
JAVC	0.53	290.1	Pg	08:01:27.005	0.4					T__		148.4		---	ML	1.9	196492	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	290.1	Lg	08:01:34.856	-0.2					T__				---		196493	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MODS	0.82	248.3	Pg	08:01:32.270	0.0					T__				---		196495	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.82	248.3	Lg	08:01:44.650	-0.2					T__				---		196494	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	1.24	332.7	Pg	08:01:38.807	0.2					T__		76.6		---	ML	2.1	196496	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.24	332.7	Lg	08:01:55.715	-0.2					T__				---		196497	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PSZ	1.25	127.2	Sn	08:01:57.263	-0.7					T__				---		196498	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	1.39	97.4	Pn	08:01:42.178	-0.1					T__		96.7		---	ML	2.3	196488	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.39	97.4	Sn	08:01:59.561	-1.7					T__				---		196487	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
JOS	1.42	96.7	Pn	08:01:43.274	0.6					T__		59.9		---	ML	2.1	196486	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.42	96.7	Sn	08:02:00.693	-1.4					T__				---		196499	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU02A	1.51	110.9	Sn	08:02:05.623	1.2					T__				---		196489	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/11	08:12:21.05	3.19	0.17	46.8866	22.7896	24.3	13.2	161	0.0f		7	5	282	0.11	1.59	sx	BUD	18001616	BUD			308

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.11	209.6	Pg	08:12:23.554	-0.1					T__		266.9		---	ML	1.0	196525	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.11	209.6	Lg	08:12:25.946	0.1					T__				---		196526	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SIRR	1.00	231.9	Lg	08:12:55.197	-0.2					T__				---		196530	FDSN	RO	--	BUD	iLoc	HHE	???	_	
GZR	1.49	180.3	Pn	08:12:49.318	0.1					T__		50.2		---	ML	2.0	196529	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.49	180.3	Sn	08:13:09.549	0.1					T__				---		196528	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BZS	1.51	213.1	Sn	08:13:09.695	0.0					T__				---		196527	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.59	154.3	Sn	08:13:11.701	-0.2					T__				---		196531	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/11	08:14:14.86	1.50	0.56	48.4919	20.8419	10.9	5.9	22	0.0f		9	7	215	0.20	1.33	sx	BUD	18001618	BUD			298

Magnitude Err Nsta Author OrigID

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

JOS	0.20	271.2	Pg	08:14:19.427	0.3	T__	188.8	___	ML	1.1	196553	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	271.2	Lg	08:14:22.020	-0.4	T__		---			196555	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
KECS	0.24	268.0	Pg	08:14:20.085	0.3	T__	519.7	___	ML	1.7	196554	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	268.0	Lg	08:14:23.481	-0.2	T__		---			196556	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ABAH	0.33	126.3	Lg	08:14:27.315	-0.3	T__		---			196557	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.43	209.9	Lg	08:14:31.205	0.2	T__		---			196558	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.86	228.2	Lg	08:14:44.826	-1.0	T__		---			196559	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.89	227.0	Lg	08:14:47.014	0.3	T__		---			196560	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	1.33	270.8	Sn	08:14:58.680	-0.6	T__		---			196561	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
2022/04/11	08:55:04.06	0.77	1.13	48.7423	18.7315	5.4	3.4	33	0.0f		15	10	137	0.26	1.35	sx	BUD	18001622	BUD			181

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	5 BUD	18001622

Sta	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	0.26	164.4	Pg	08:55:10.919	1.4					T__		47.3		---	ML	0.7	196666	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.26	164.4	Lg	08:55:14.132	0.6					T__				---		196667	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
JAVC	0.71	279.9	Lg	08:55:29.284	-0.5					T__				---		196668	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
HU10A	0.92	167.8	Lg	08:55:35.678	-1.5					T__				---		196669	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MODS	1.03	249.6	Pg	08:55:24.706	-0.2					T__				---		196662	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.03	249.6	Lg	08:55:39.606	-0.9					T__				---		196661	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.13	136.3	Pn	08:55:27.936	0.7					T__	69.1			---	ML	2.0	196659	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.13	136.3	Sn	08:55:41.923	-1.6					T__				---		196670	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	1.15	138.2	Sn	08:55:42.105	-1.8					T__				---		196660	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KECS	1.19	101.9	Lg	08:55:43.862	-0.7					T__				---		196671	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.22	100.9	Pg	08:55:27.717	-0.5					T__	55.7			---	ML	1.9	196658	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.22	100.9	Lg	08:55:44.990	-0.5					T__				---		196672	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORC	1.30	323.5	Pg	08:55:28.674	0.5					T__	101.1			---	ML	2.2	196664	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.30	323.5	Lg	08:55:47.591	1.5					T__				---		196663	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
HU02A	1.35	116.8	Pn	08:55:30.018	-0.1					T__	58.3			---	ML	2.0	196665	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/04/11	10:40:56.01	1.06	0.77	48.3410	19.8632	7.0	4.5	141	0.0f		7	4	147	0.42	0.70	sx	BUD	18001624	BUD					253

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 3 BUD 18001624

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.42	177.2	Pg	10:41:05.512	0.2					T__		97.6		___	ML	1.5	196811	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	177.2	Lg	10:41:12.072	-0.2					T__				---		196813	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.44	70.8	Pg	10:41:05.638	0.7					T__		111.4		___	ML	1.6	196809	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	70.8	Lg	10:41:10.763	-0.9					T__				---		196814	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.48	70.8	Pg	10:41:06.043	0.4					T__		57.3		___	ML	1.4	196810	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	70.8	Lg	10:41:12.228	-0.7					T__				---		196812	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VYHS	0.70	283.0	Lg	10:41:20.127	-0.5					T__				---		196815	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
2022/04/12	04:11:42.44	0.88	0.53	45.7255	21.7729	5.4	4.2	125	2.9	12.8	11	6	118	0.15	1.43	ke	BUD	18001626	BUD			158

Magnitude Err Nsta Author OrigID  
ML 2.0 0.1 5 BUD 18001626

Sta	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	0.15	225.2	Pg	04:11:45.661	-0.0					T__		951.1		_c_	ML	1.7	196845	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.15	225.2	Lg	04:11:47.542	-0.6					T__				---		196846	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
SIRR	0.55	351.8	Pg	04:11:53.822	0.2					T__		87.2		___	ML	1.7	196848	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.55	351.8	Lg	04:12:01.576	-0.3					T__				---		196853	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BANR	0.56	232.8	Pg	04:11:54.076	0.7					T__		1692.4		___	ML	3.0	196847	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BANR	0.56	232.8	Lg	04:12:01.728	0.2					T__				---		196852	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
GZR	0.78	114.9	Pg	04:11:57.838	0.5					T__		109.9		___	ML	2.0	196849	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.78	114.9	Lg	04:12:07.906	-0.4					T__				---		196850	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
DRGR	1.25	31.1	Pn	04:12:06.966	0.1					T__		75.2		___	ML	2.1	196854	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.25	31.1	Sn	04:12:23.720	-0.6					T__				---		196851	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
LOT	1.43	100.5	Lg	04:12:29.923	-0.4					T__				---		196855	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/12	07:01:10.81	0.71	1.65	47.3637	18.3913	4.1	3.4	132	0.0f		23	20	109	0.09	1.96	sx	BUD	18001628	BUD			109



Magnitude Err Nsta Author OrigID  
 ML 2.0 0.3 3 BUD 18001628

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	269.7	Pg	07:01:13.294	0.0					T__		4500.9			ML	2.2	196915	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	269.7	Lg	07:01:14.609	-1.0					T__						196916	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU09A	0.28	358.7	Lg	07:01:21.730	-0.2					T__						196917	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	282.2	Lg	07:01:22.832	-0.8					T__						196918	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.42	171.5	Lg	07:01:26.716	-0.1					T__						196919	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.45	353.3	Lg	07:01:26.474	-1.6					T__						196937	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.61	251.9	Lg	07:01:31.895	-0.8					T__						196920	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.64	41.2	Lg	07:01:32.785	-1.9					T__						196921	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A266A	0.84	186.0	Lg	07:01:40.149	0.1					T__						196922	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.13	62.2	Pn	07:01:33.837	-0.0					T__		48.1			ML	1.8	196924	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.13	62.2	Sn	07:01:48.807	-1.2					T__						196923	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	1.16	60.8	Pn	07:01:34.403	0.0					T__		69.9			ML	2.0	196925	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	60.8	Sn	07:01:49.697	-1.2					T__						196926	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	1.16	171.3	Sn	07:01:49.778	-1.1					T__						196927	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VVHS	1.17	14.6	Sn	07:01:51.396	0.2					T__						196928	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	1.26	323.8	Sn	07:01:51.881	-1.5					T__						196929	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.29	189.0	Sn	07:01:53.338	-0.7					T__						196930	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	1.46	284.1	Sn	07:01:57.950	-0.4					T__						196931	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	1.57	342.4	Sn	07:02:03.453	2.3					T__						196932	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
HU02A	1.63	61.4	Sn	07:02:04.828	2.3					T__						196933	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CONA	1.80	289.2	Lg	07:02:10.978	1.8					T__						196934	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JOS	1.84	51.1	Sn	07:02:12.273	4.8					T__						196935	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
ARSA	1.96	267.7	Sn	07:02:11.949	1.4					T__						196936	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/04/12 07:23:18.45 1.06 0.84 47.9636 16.6593 6.2 4.7 117 0.0f 9 7 97 0.29 1.11 sx BUD 18001630 BUD 151

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.29	193.7	Lg	07:23:28.531	-0.2					T__						196962	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.36	222.9	Pg	07:23:25.812	-0.0					T__						196961	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.36	222.9	Lg	07:23:29.898	-1.0					T__						196963	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.54	266.5	Pg	07:23:29.453	0.2					T__		65.5			ML	1.6	196960	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.54	266.5	Lg	07:23:35.724	-0.7					T__						196964	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
MODS	0.58	45.0	Lg	07:23:39.405	-0.5					T__						196965	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MPLH	0.99	142.8	Lg	07:23:53.026	0.3					T__						196967	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.05	227.6	Lg	07:23:53.343	1.5					T__						196966	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.11	351.0	Lg	07:23:56.743	0.5					T__						196968	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/12	07:46:58.69	1.24	0.73	48.5425	20.8556	6.7	5.8	4	0.0f		10	8	89	0.22	1.02	sx	BUD	18001632	BUD			169

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.22	257.6	Pg	07:47:03.560	0.4					T__		247.0		___	ML	1.3	196990	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.22	257.6	Lg	07:47:06.756	0.1					T__				___		196991	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
KECS	0.25	256.6	Pg	07:47:04.146	0.2					T__		1120.6		___	ML	2.1	196989	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.25	256.6	Lg	07:47:08.071	0.1					T__				___		196992	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
ABAH	0.36	133.8	Lg	07:47:12.591	0.2					T__				___		196993	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	207.8	Lg	07:47:16.380	-0.1					T__				___		196994	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.90	226.2	Lg	07:47:29.734	-1.3					T__				___		196996	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.93	225.1	Lg	07:47:31.138	-0.8					T__				___		196997	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.95	337.5	Lg	07:47:29.636	-0.5					T__				___		196995	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	1.02	66.8	Lg	07:47:33.000	-1.0					T__				___		196998	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
2022/04/12	08:35:43.60	0.99	0.56	48.6388	19.9338	5.9	3.8	5	0.0f		11	6	117	0.40	0.82	sx	BUD	18001634	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	18001634

Sta	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	112.8	Pg	08:35:52.215	0.5					T__		89.5		___	ML	1.4	197066	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.40	112.8	Lg	08:35:57.480	-0.3					T__				___		197070	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
JOS	0.43	109.4	Pg	08:35:51.837	-0.4					T__		38.1		___	ML	1.1	197065	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	109.4	Lg	08:35:58.492	-0.3					T__				___		197071	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
HU02A	0.65	142.5	Pg	08:35:57.598	0.5					T__		38.6		___	ML	1.4	197068	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.65	142.5	Lg	08:36:06.733	-0.6					T__				___		197073	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
VYHS	0.74	259.2	Pg	08:35:58.951	0.3					T__		18.3		___	ML	1.2	197067	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.74	259.2	Lg	08:36:08.540	-1.0					T__				___		197069	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
ET1H	0.76	183.2	Pg	08:35:59.991	0.4					T__		40.6		___	ML	1.5	197074	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.76	183.2	Lg	08:36:11.077	0.2					T__				___		197075	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=0)																					
NIE	0.82	17.0	Lg	08:36:10.845	0.2					T__				___		197072	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
2022/04/12	09:05:25.09	1.32	0.71	48.4666	20.3982	12.1	3.6	132	0.0f		10	5	220	0.06	0.69		sx BUD	18001636	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.5	5 BUD	18001636

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.06	74.0	Pg	09:05:26.889	0.3					T__		131.3		---	ML	0.6	197164	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.06	74.0	Lg	09:05:27.454	-0.4					T__				---		197170	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
JOS	0.10	72.7	Pg	09:05:27.415	0.1					T__		382.0		_c_	ML	1.2	197165	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.10	72.7	Lg	09:05:29.207	0.1					T__				---		197171	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.35	166.2	Pg	09:05:33.600	0.8					T__		35.7		---	ML	0.8	197166	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.35	166.2	Lg	09:05:37.332	-1.4					T__				---		197172	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
PSZ	0.64	211.8	Pg	09:05:39.365	0.5					T__		59.8		---	ML	1.6	197168	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.64	211.8	Lg	09:05:48.675	-0.1					T__				---		197167	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
ET1H	0.69	211.2	Pg	09:05:39.365	-0.2					T__		42.1		---	ML	1.5	197173	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.69	211.2	Lg	09:05:49.320	-0.5					T__				---		197169	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/12	09:55:45.15	1.15	0.70	48.6399	19.6512	6.2	4.8	159	0.0f		12	8	133	0.56	1.11		sx BUD	18001638	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	18001638

Sta	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	255.2	Lg	09:56:04.361	-0.5					T__				---		197215	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.58	105.5	Pg	09:55:57.501	0.8					T__		153.2		---	ML	2.0	197208	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.58	105.5	Lg	09:56:05.138	-0.3					T__				---		197209	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.61	103.4	Pg	09:55:57.714	0.4					T__		121.5		---	ML	1.9	197210	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	103.4	Lg	09:56:06.008	-0.4					T__				---		197216	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	0.74	167.2	Pg	09:56:01.367	0.5					T__		71.2		---	ML	1.8	197213	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.74	167.2	Lg	09:56:11.562	-0.5					T__				---		197217	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	0.78	169.0	Lg	09:56:12.815	-0.1					T__				---		197214	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.78	131.3	Pg	09:56:01.416	0.1					T__		38.2		---	ML	1.5	197211	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.78	131.3	Lg	09:56:12.097	-1.3	T__	---	197212	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1																
(Station ML: 1.5 magdef=1																
NIE	0.89	28.5	Lg	09:56:13.892	-0.7	T__	---	197218	FDSN	PL	--	BUD	iLoc	BHN	???	_
ABAH	1.11	107.4	Lg	09:56:22.753	-0.7	T__	---	197219	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
2022/04/12	10:08:43.00	0.78	1.09	47.3141	18.3081	4.8	4.1	138	0.0f	16	12	106	0.06	1.77	sx	BUD	18001640	BUD				125

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	18001640

Sta	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	326.6	Pg	10:08:45.389	0.5					T__		3493.2		---	ML	2.0	197254	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	326.6	Lg	10:08:46.219	-0.6					T__				---		197255	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1																									
(Station ML: 2.0 magdef=1																									
HU08A	0.29	294.3	Lg	10:08:53.312	-1.2					T__				---		197260	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.33	8.8	Pg	10:08:50.606	0.6					T__	264.0			---	ML	1.6	197257	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.33	8.8	Lg	10:08:54.692	-1.3					T__				---		197256	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=1																									
MPLH	0.54	254.9	Lg	10:09:01.163	-1.5					T__				---		197261	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.72	41.9	Lg	10:09:07.573	-2.0					T__				---		197262	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.12	168.0	Lg	10:09:20.848	-0.8					T__				---		197263	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.20	61.3	Pn	10:09:07.760	0.7					T__	36.1			---	ML	1.7	197258	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.20	61.3	Sn	10:09:22.972	-1.1					T__				---		197264	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1																									
(Station ML: 1.7 magdef=1																									
PSZ	1.23	60.0	Pn	10:09:09.010	1.5					T__	54.0			---	ML	1.9	197259	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	60.0	Sn	10:09:24.708	-0.2					T__				---		197266	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1																									
(Station ML: 1.9 magdef=1																									
VYHS	1.23	16.6	Sn	10:09:24.868	-0.0					T__				---		197267	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.23	186.7	Sn	10:09:24.244	-0.6					T__				---		197265	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	1.42	286.5	Lg	10:09:29.118	-0.4					T__				---		197268	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.77	291.3	Sn	10:09:38.315	0.2					T__				---		197269	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/12	14:36:01.64	0.93	0.91	47.1743	19.2909	26.6	4.2	122	0.0f	9	5	176	0.81	1.36	sx	BUD	18001646	BUD				188

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	18001646

Sta	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	0.81	28.9	Pg	14:36:19.294	0.5					T__		34.3		---	ML	1.5	197413	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.81	28.9	Lg	14:36:29.692	-1.3					T__				---		197419	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1																									
(Station ML: 1.5 magdef=0																									
PSZ	0.85	28.6	Pg	14:36:20.038	0.3					T__	70.6			_c_	ML	1.8	197420	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A266A 0.96 227.7 Pg      14:36:21.456  0.6      T__      212.7      ___ ML    2.4 197414    FDSN ZJ    00 BUD    iLoc HHZ HHZ _
A266A 0.96 227.7 Lg      14:36:33.290 -1.4      T__      ___      ___      197421    FDSN ZJ    00 BUD    iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
MORH 1.06 205.1 Pg      14:36:22.771 -0.5      T__      30.4      ___ ML    1.6 197415    FDSN HU    -- BUD    iLoc HHZ HHZ _
MORH 1.06 205.1 Lg      14:36:38.065 -0.1      T__      ___      ___      197416    FDSN HU    -- BUD    iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOVH 1.36 217.5 Pn      14:36:28.238  0.3      T__      36.5      ___ ML    1.8 197417    FDSN HU    -- BUD    iLoc HHZ HHZ _
KOVH 1.36 217.5 Sn      14:36:47.131  0.5      T__      ___      ___      197418    FDSN HU    -- BUD    iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/04/13 08:04:41.55  1.26  0.62 48.9137  19.3619  8.8  5.6 162  0.0f  9  6 142  0.55  1.12  sx BUD      18001650    BUD      209

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Magnitude Err Nsta Author      OrigID
ML      1.5 0.0  3 BUD      18001650

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Sta      Dist EvAz Phase      Time      TRes Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
VYHS    0.55 219.9 Lg      08:05:01.375  0.7      T__      ___      ___      197456    FDSN SK    -- BUD    iLoc HHN ??? _
NIE     0.80 50.3 Lg      08:05:08.342  0.4      T__      ___      ___      197457    FDSN PL    -- BUD    iLoc BHN ??? _
KECS    0.86 119.6 Pg      08:04:58.543 -0.1      T__      82.4      ___ ML    1.9 197450    FDSN SK    -- BUD    iLoc EHZ EHZ _
KECS    0.86 119.6 Lg      08:05:11.490  0.1      T__      ___      ___      197451    FDSN SK    -- BUD    iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS     0.89 117.8 Pg      08:04:59.514  0.5      T__      35.4      ___ ML    1.5 197453    FDSN ZJ    -- BUD    iLoc HHZ HHZ _
JOS     0.89 117.8 Lg      08:05:12.056 -0.1      T__      ___      ___      197452    FDSN ZJ    -- BUD    iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A  1.11 135.3 Pg      08:05:03.722 -0.4      T__      24.9      ___ ML    1.5 197454    FDSN ZJ    00 BUD    iLoc HHZ HHZ _
HU02A  1.11 135.3 Lg      08:05:19.501 -0.3      T__      ___      ___      197455    FDSN ZJ    00 BUD    iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JAVC   1.12 267.8 Sn      08:05:19.598 -1.0      T__      ___      ___      197458    FDSN CZ    -- BUD    iLoc HHN ??? _

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```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/04/13 10:47:37.52  0.76  0.79 47.5438  18.4616  10.0  3.5 110  0.0A  0.0  8  6 202  0.11  0.98 m  kx BUD      18001654    BUD      360
2022/04/13 10:47:35.66  0.93  1.08 47.5577  18.4810f  0.0f  8  6 203  0.10  0.97  kx BUD_GT  18001655    BUD_GT    241

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

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Magnitude Err Nsta Author      OrigID

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Sta      Dist EvAz Phase      Time      TRes Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU09A  0.10 320.5 Pg      10:47:39.163  0.8      T__      2567.5      ___ ML    2.0 197598    FDSN ZJ    00 BUD    iLoc HHZ HHZ _
HU09A  0.10 320.5 Lg      10:47:40.256 -0.6      T__      ___      ___      197602    FDSN ZJ    00 BUD    iLoc HHN ??? _
(Reading ML: 2.0 magdef=1

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(Station ML: 2.0 magdef=1
CSKK 0.25 217.6 Pg 10:47:41.389 0.3 T__ 300.9 --- ML 1.5 197599 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.25 217.6 Lg 10:47:44.747 -1.1 T__ --- 197603 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
SRD 0.28 336.2 Lg 10:47:45.901 -1.0 T__ --- 197604 FDSN SK -- BUD iLoc EHN ??? _
HU08A 0.40 251.7 Lg 10:47:50.906 0.0 T__ --- 197600 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.75 239.1 Lg 10:47:59.907 -2.1 T__ --- 197605 FDSN HU -- BUD iLoc HHE ??? _
VYHS 0.97 14.1 Lg 10:48:10.152 0.7 T__ --- 197601 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
2022/04/13	11:07:18.35	1.11	0.55	47.8830	16.0442	7.2	5.8	49	0.0f	6	4	126	0.13	1.20	sx	BUD	18001656	BUD				206

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
CONA	0.13	290.3	Pg	11:07:21.584	0.4					T__		207.5		---	ML	1.0	197624	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.13	290.3	Lg	11:07:22.677	-0.6					T__				---		197625	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																										
RONA	0.25	137.1	Lg	11:07:27.029	-0.2					T__				---		197626	FDSN	OE	--	BUD	iLoc	HHN	???	_		
ARSA	0.72	209.3	Lg	11:07:41.133	-0.4					T__				---		197627	FDSN	OE	--	BUD	iLoc	HHN	???	_		
KRUC	1.20	11.1	Pg	11:07:41.576	0.2					T__		43.3		---	ML	1.8	197629	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	1.20	11.1	Lg	11:07:58.731	-0.4					T__				---		197628	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/04/14	06:24:19.15	1.11	1.05	48.4000	17.4025	7.9	3.7	147	0.0f	7	4	168	0.09	0.96	sx	BUD	18001662	BUD					231

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
MODS	0.09	252.4	Pg	06:24:21.726	0.2					T__				_c_		197777	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.09	252.4	Lg	06:24:23.352	-0.4					T__				---		197781	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.49	21.1	Pg	06:24:30.102	0.6					T__		56.1		---	ML	1.4	197782	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	0.49	21.1	Lg	06:24:35.684	-1.9					T__				---		197778	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																										
KRUC	0.94	315.2	Pg	06:24:37.836	0.7					T__		30.4		---	ML	1.5	197783	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	0.94	315.2	Lg	06:24:51.046	0.0					T__				---		197779	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
VYHS	0.96	83.8	Lg	06:24:52.280	-0.1					T__				---		197780	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	
2022/04/14	07:15:29.71	0.42	0.41	47.7192	18.9893	5.4	3.8	163	0.0A	0.0	15	9	159	0.13	1.30	m	kx	BUD	18001664	BUD			360
2022/04/14	07:15:29.45	0.80	2.04	47.8327	19.1394f				0.0f		14	8	194	0.08	1.15		kx	BUD_GT	18001665	BUD_GT			258

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.0 6 BUD 18001665

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.08	278.8	Pg	07:15:32.431	0.8					T__		1550.4		---	ML	1.7	197815	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	07:15:33.706	0.1					T__				---		197828	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
HU03A	0.32	76.9	Pn	07:15:38.900	-2.4					T__		193.5		---	ML	1.5	197820	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	07:15:43.876	2.3					T__				---		197819	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
ET1H	0.50	84.3	Lg	07:15:49.496	1.6					T__				---		197821	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.1	Pn	07:15:41.115	-2.9					T__		38.6		---	ML	1.3	197816	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Sn	07:15:50.461	-3.1					T__				---		197822	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
VYHS	0.69	343.1	Pn	07:15:44.316	-1.3					T__		12.6		---	ML	1.0	197817	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Sn	07:15:54.795	-3.8					T__				---		197823	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																									
CSKK	0.76	232.0	Lg	07:15:49.287	-7.9					---				---		197829	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.2	Pg	07:15:51.184	1.6					T__		24.0		---	ML	1.4	197825	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Sn	07:16:05.668	0.3					T__				---		197824	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	1.11	53.7	Lg	07:16:09.974	1.2					T__				---		197826	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.15	54.2	Pg	07:15:53.225	1.0					T__		19.3		---	ML	1.4	197818	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Lg	07:16:10.501	0.6					T__				---		197827	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/04/14 08:04:25.12 1.71 1.10 48.5626 20.7270 13.9 4.0 3 0.0f 10 7 220 0.14 1.26 sx BUD 18001666 BUD 289

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.3 3 BUD 18001666

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.14	241.9	Pg	08:04:28.292	0.1					T__		197.5		---	ML	1.0	197861	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	241.9	Lg	08:04:31.892	1.3					T__				---		197862	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
KECS	0.18	243.8	Pg	08:04:28.731	-0.2					T__		518.4		---	ML	1.5	197864	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	243.8	Lg	08:04:32.777	0.9					T__				---		197863	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
ABAH	0.43	127.8	Pg	08:04:34.756	0.8					T__		46.4		---	ML	1.2	197865	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	127.8	Lg	08:04:39.712	-1.8					T__				---		197867	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									

(Station ML: 1.2 magdef=1

HU02A	0.46	197.1	Lg	08:04:42.205	-0.2	T__	---	197868	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.85	221.1	Lg	08:04:55.795	-0.1	T__	---	197869	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.89	220.2	Lg	08:04:56.245	-0.6	T__	---	197866	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	1.26	267.6	Sn	08:05:06.254	-1.4	T__	---	197870	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
2022/04/14	08:12:23.58	0.73	0.81	47.3643	18.3934	4.8	3.3	138	0.0f	17	11	109	0.09	1.29	sx	BUD	18001668	BUD				110

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	18001668

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.09	269.3	Pg	08:12:26.496	0.5					T__		3229.6		---	ML	2.1	197906	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	269.3	Lg	08:12:28.203	-0.3					T__				---		197917	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU09A	0.27	358.4	Pg	08:12:30.401	0.8					T__		390.4		---	ML	1.7	197907	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.27	358.4	Lg	08:12:34.029	-0.7					T__				---		197918	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU08A	0.33	282.0	Lg	08:12:35.647	-0.8					T__				---		197919	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.42	171.7	Lg	08:12:39.369	-0.2					T__				---		197920	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.64	41.1	Pg	08:12:37.521	0.6					T__		142.0		---	ML	2.0	197908	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.64	41.1	Lg	08:12:46.369	-1.1					T__				---		197921	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	1.12	62.2	Pn	08:12:47.151	0.5					T__		30.4		---	ML	1.6	197909	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.12	62.2	Sn	08:13:02.228	-0.5					T__				---		197922	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.16	60.8	Pn	08:12:46.989	-0.1					T__		53.5		---	ML	1.9	197911	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	60.8	Sn	08:13:03.091	-0.6					T__				---		197910	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORH	1.16	171.4	Sn	08:13:02.039	-1.6					T__				---		197912	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VVHS	1.17	14.6	Pg	08:12:47.960	0.7					T__		14.6		---	ML	1.3	197914	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	1.17	14.6	Sn	08:13:03.415	-0.5					T__				---		197913	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
MODS	1.26	323.8	Sn	08:13:05.519	-0.6					T__				---		197915	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.29	189.1	Sn	08:13:07.865	1.0					T__				---		197916	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
2022/04/14	08:46:29.65	0.69	0.39	47.8085	19.1219	11.6	3.5	13	0.0A	0.0	9	5	216	0.08	0.71	m	kx BUD	18001670	BUD			360
2022/04/14	08:46:28.35	0.92	0.60	47.8327	19.1394f				0.0f		9	5	194	0.08	0.69		kx BUD_GT	18001671	BUD_GT			258

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
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ML 1.3 0.1 4 BUD 18001671

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.08	278.8	Pg	08:46:31.349	0.8					T__		2724.5		---	ML	2.0	197954	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	08:46:31.972	-0.5					T__				---		197955	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU03A	0.32	76.9	Pg	08:46:35.570	0.3					T__		99.5		---	ML	1.2	197957	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	08:46:40.380	-0.1					T__				---		197956	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ET1H	0.50	84.3	Pg	08:46:39.238	0.2					T__		32.5		---	ML	1.2	197959	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	08:46:45.847	-0.9					T__				---		197958	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.52	80.1	Pg	08:46:39.550	-0.1					T__		38.9		---	ML	1.3	197960	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	08:46:47.162	-0.7					T__				---		197961	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VYHS	0.69	343.1	Lg	08:46:52.179	-0.6					T__				---		197962	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
2022/04/14	08:54:57.50	0.87	0.96	48.5570	17.4988	4.6	3.6	134	0.0f		15	8	125	0.24	1.26	sx	BUD	18001672	BUD			198

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 5 BUD 18001672

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.24	218.8	Pg	08:55:02.548	-0.2					T__				---		198000	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.24	218.8	Lg	08:55:06.392	-0.7					T__				---		198009	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.32	20.6	Pg	08:55:03.158	-1.4					T__		419.2		---	ML	1.8	198001	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.32	20.6	Lg	08:55:08.701	-1.4					T__				---		198002	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KRUC	0.89	305.1	Lg	08:55:27.299	-0.3					T__				---		198010	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.89	93.6	Pg	08:55:16.282	0.8					T__		18.5		---	ML	1.3	198003	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.89	93.6	Lg	08:55:28.076	-0.4					T__				---		198011	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VRAC	0.96	321.9	Pg	08:55:16.372	0.7					T__		14.0		---	ML	1.2	198005	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.96	321.9	Lg	08:55:29.885	0.1					T__				---		198004	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
RONA	1.18	223.6	Pg	08:55:20.836	0.1					T__				---		197999	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.18	223.6	Lg	08:55:37.383	1.3					T__				---		198008	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.22	1.3	Pg	08:55:20.996	0.8					T__		36.6		---	ML	1.7	198006	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.22	1.3	Lg	08:55:38.151	0.9					T__				---		198007	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CONA	1.26	240.7	Pg	08:55:21.564	-0.8					T__		49.3		---	ML	1.9	197997	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.26	240.7	Lg	08:55:39.932	1.3					T__				---		197998	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

(Station ML: 1.9 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/14	08:57:17.36	0.83	1.19	48.2479	21.2117	5.4	3.8	171	0.0f	19	12	77	0.05	2.00	sx	BUD	18001674	BUD				103

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	7 BUD	18001674

Sta	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	21.2	Pg	08:57:18.246	-0.7					T__		20860.3		_c	ML	2.8	198054	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	21.2	Lg	08:57:19.824	-0.8					T__				---		198055	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1 Station ML: 2.8 magdef=0)																									
HU02A	0.48	254.9	Pg	08:57:27.208	-0.3					T__		73.0		---	ML	1.5	198057	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	254.9	Lg	08:57:34.986	-0.3					T__				---		198058	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
JOS	0.51	299.2	Pg	08:57:27.855	0.2					T__		83.7		---	ML	1.6	198056	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	299.2	Lg	08:57:34.693	-0.9					T__				---		198063	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KECS	0.54	296.2	Pg	08:57:28.270	0.0					T__		147.4		---	ML	2.0	198060	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.54	296.2	Lg	08:57:36.210	-0.3					T__				---		198059	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
TRPA	0.90	97.0	Pg	08:57:35.263	0.5					T__		123.2		---	ML	2.1	198065	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.90	97.0	Lg	08:57:47.320	-2.2					T__				---		198064	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
PSZ	0.94	250.0	Pg	08:57:36.896	-0.3					T__		69.2		---	ML	1.9	198067	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.94	250.0	Lg	08:57:49.438	-1.9					T__				---		198066	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
ET1H	0.97	248.2	Lg	08:57:50.552	-1.4					T__				---		198068	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.98	45.4	Lg	08:57:50.779	-1.3					T__				---		198069	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	1.32	333.1	Pg	08:57:43.977	1.8					T__		25.3		---	ML	1.6	198062	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.32	333.1	Sn	08:58:01.941	0.6					T__				---		198061	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
VYHS	1.60	279.7	Sn	08:58:09.261	0.9					T__				---		198070	FDSN	SK	--	BUD	iLoc	HHN	???	_	
DRGR	1.78	144.6	Sn	08:58:14.075	1.4					T__				---		198071	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	2.00	171.1	Sn	08:58:19.581	1.3					T__				---		198072	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/14	09:53:49.68	1.22	0.68	46.6021	22.5147	19.3	6.8	124	0.0f	5	4	154	0.23	1.22	sx	BUD	18001676	BUD				290

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.23	35.4	Pg	09:53:54.902	0.2					T__		181.4		---	ML	1.2	198099	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

DRGR	0.23	35.4	Lg	09:53:58.280	-0.6	T__	---	198100	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)													
				(Station ML: 1.2 magdef=0)													
SIRR	0.68	240.8	Lg	09:54:13.507	-0.5	T__	---	198101	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.17	212.7	Lg	09:54:28.764	0.3	T__	---	198102	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.22	171.3	Lg	09:54:29.481	-0.4	T__	---	198103	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/14	10:09:04.37	1.08	0.86	48.8429	21.3644	9.2	4.7	154	0.0f		9	6	131	0.55	0.91	sx	BUD	18001678	BUD			238

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	18001678

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.55	188.7	Lg	10:09:24.225	-0.6					T__						198128	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.61	81.1	Pg	10:09:16.318	0.2					T__						198127	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JOS	0.65	237.9	Pg	10:09:17.154	-0.1					T__	27.4			---	ML	1.3	198125	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	237.9	Lg	10:09:26.904	-0.1					T__						198129	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
KECS	0.68	238.6	Pg	10:09:19.217	1.2					T__	99.3			---	ML	1.9	198124	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.68	238.6	Lg	10:09:27.916	-0.3					T__						198130	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
NIE	0.91	309.9	Lg	10:09:33.294	-1.1					T__						198131	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.91	218.1	Pg	10:09:23.101	0.0					T__	28.6			---	ML	1.5	198126	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.91	218.1	Lg	10:09:35.765	-1.1					T__						198132	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/14	10:23:24.81	0.92	0.67	48.7687	18.2250	5.9	3.4	28	0.0f		10	5	147	0.38	1.20	sx	BUD	18001680	BUD			261

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	4 BUD	18001680

Sta	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	0.38	284.1	Pg	10:23:32.782	-0.1					T__		53.0			---	ML	1.1	198159	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	284.1	Lg	10:23:38.179	-1.0					T__						198160	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 1.1 magdef=1)																						
				(Station ML: 1.1 magdef=1)																						
VYHS	0.49	123.9	Pg	10:23:34.927	0.1					T__	17.4			---	ML	0.9	198162	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.49	123.9	Lg	10:23:41.640	-0.5					T__						198161	FDSN	SK	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 0.9 magdef=1)																						
				(Station ML: 0.9 magdef=1)																						
MODS	0.74	238.2	Pg	10:23:40.740	0.8					T__						198163	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.74	238.2	Lg	10:23:51.051	-0.4					T__						198164	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MORC	1.10	336.4	Pg	10:23:45.930	0.6					T__	34.0			---	ML	1.6	198166	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
MORC	1.10	336.4	Lg	10:24:00.532	-0.2					T__						198165	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 1.6 magdef=1)																						

(Station ML: 1.6 magdef=1  
 VRAC 1.20 297.3 Pg 10:23:48.214 0.7 T\_\_ 8.2 \_\_\_ ML 1.1 198167 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 VRAC 1.20 297.3 Lg 10:24:04.477 -0.5 T\_\_ \_\_\_ 198168 FDSN CZ -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/14	11:16:56.19	0.95	0.51	47.8694	16.0688	8.2	3.9	39	0.0f	7	4	127	0.15	1.21	sx	BUD	18001682	BUD				204

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	293.0	Pg	11:16:59.575	0.1					T__		241.9		___	ML	1.1	198192	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	293.0	Lg	11:17:01.881	0.1					T__				---		198195	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
RONA	0.23	137.8	Pg	11:17:01.345	0.3					T__				---		198193	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	137.8	Lg	11:17:04.055	-0.4					T__				---		198196	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.72	211.0	Lg	11:17:19.031	-0.2					T__				---		198197	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	10.2	Pg	11:17:19.946	0.5					T__		28.4		___	ML	1.6	198194	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	10.2	Sn	11:17:36.857	-0.7					T__				---		198198	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/04/14	12:03:07.20	0.70	0.61	47.8145	18.3733	3.4	3.1	120	5.1	5.4	21	16	92	0.04	1.60	ke	BUD	18001686	BUD				116

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.5 4 BUD 18001686

Sta	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	0.04	268.4	Pg	12:03:08.789	0.2					T__		195029.9		_c_	ML	3.7	198281	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.04	268.4	Lg	12:03:09.935	0.0					T__				---		198286	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=1																									
HU09A	0.18	178.0	Pg	12:03:10.964	-0.1					T__		1518.1		_c_	ML	2.0	198282	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.18	178.0	Lg	12:03:13.801	-0.5					T__				---		198287	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
HU10A	0.44	85.7	Lg	12:03:23.794	0.6					T__				---		198288	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.46	189.6	Lg	12:03:23.974	-0.1					T__				---		198300	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.49	218.6	Lg	12:03:24.669	-0.1					T__				---		198301	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.75	24.3	Pg	12:03:22.414	0.1					T__		26.5		___	ML	1.3	198283	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.75	24.3	Lg	12:03:32.093	-1.0					T__				---		198284	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
EGYH	0.81	241.0	Lg	12:03:35.537	0.7					T__				---		198289	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU03A	0.83	83.4	Lg	12:03:36.068	-0.4					T__				---		198295	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.86	221.6	Lg	12:03:36.369	-0.1					T__				---		198296	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	0.92	307.7	Pg	12:03:25.984	0.3					T__				---		198285	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

MODS	0.92	307.7	Lg	12:03:38.617	-0.9	T__										198290	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	1.01	85.8	Pn	12:03:27.539	-0.5	T__					35.9					1.6	198292	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.01	85.8	Sn	12:03:42.995	0.3	T__										198291	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.03	83.6	Sn	12:03:44.030	0.8	T__										198293	FDSN	GE	--	BUD	iLoc	HHN	???	_	
RONA	1.41	266.1	Sn	12:03:51.951	-0.5	T__										198297	FDSN	OE	--	BUD	iLoc	HHN	???	_	
HU02A	1.48	77.2	Sn	12:03:54.589	0.3	T__										198294	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	1.56	63.9	Sn	12:03:57.178	0.9	T__										198298	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.60	64.0	Sn	12:03:58.141	0.9	T__										198299	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/14	14:45:50.90	1.09	0.70	45.7303	21.7373	9.5	6.4	37	7.2	23.0	7	4	137	0.14	1.26	ke	BUD	18001688	BUD			239

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	18001688

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BZS	0.14	216.7	Pg	14:45:54.410	0.3					T__		517.4			_c_ ML	1.4	198386	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.14	216.7	Lg	14:45:56.062	-0.5					T__						198387	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
SIRR	0.54	354.3	Pg	14:46:02.151	0.2					T__		63.8			_ ML	1.6	198389	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.54	354.3	Lg	14:46:09.445	-0.5					T__						198388	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
GZR	0.80	114.4	Pg	14:46:06.692	0.4					T__		56.2			_ ML	1.7	198390	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.80	114.4	Lg	14:46:16.979	-0.7					T__						198391	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	1.26	32.1	Lg	14:46:32.667	0.5					T__						198392	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/14	23:43:39.16	0.97	0.47	46.1559	17.7716	3.9	3.3	51	9.0	9.6	12	7	98	0.24	0.68	ke	BUD	18001690	BUD			169

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	6 BUD	18001690

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.24	106.4	Pg	23:43:44.109	-0.3					T__		72.2			_ ML	0.8	198423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.24	106.4	Lg	23:43:47.827	-0.4					T__						198424	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
A273A	0.24	172.6	Pg	23:43:44.423	-0.0					T__		128.6			_d_ ML	1.1	198426	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.24	172.6	Lg	23:43:48.787	0.8					T__						198425	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A265A	0.27	3.5	Pg	23:43:44.742	-0.2					T__		99.0			_ ML	1.0	198429	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.27	3.5	Lg	23:43:49.364	0.3					T__						198428	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									

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(Station ML: 1.0 magdef=1
A264A 0.34 270.8 Pg 23:43:45.935 -0.3 T__ 72.2 ___ ML 1.1 198432 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A264A 0.34 270.8 Lg 23:43:51.265 0.3 T__ ___ 198431 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A266A 0.50 42.6 Pg 23:43:49.667 0.3 T__ 67.5 ___ ML 1.5 198430 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
MORH 0.61 84.1 Pg 23:43:51.306 0.0 T__ 26.0 ___ ML 1.3 198427 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.61 84.1 Lg 23:43:59.509 -0.4 T__ ___ 198433 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
BADH 0.68 342.5 Lg 23:44:02.677 0.6 T__ ___ 198434 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
2022/04/15 00:00:39.92 1.28 0.51 46.1522 17.7729 4.1 3.6 11 14.2 15.8 13 7 98 0.24 0.61 ke BUD 18001692 BUD 165

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Magnitude Err Nsta Author OrigID
ML 1.1 0.0 6 BUD 18001692

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.24 105.6 Pg 00:00:45.228 -0.2 T__ 49.9 ___ ML 0.7 198472 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.24 105.6 Lg 00:00:48.860 -0.5 T__ ___ 198478 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
A273A 0.24 172.7 Pg 00:00:45.486 0.1 T__ 124.8 _d_ ML 1.1 198479 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A273A 0.24 172.7 Lg 00:00:49.777 0.7 T__ ___ 198480 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A265A 0.27 3.3 Pg 00:00:45.815 -0.2 T__ 100.5 ___ ML 1.1 198481 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A265A 0.27 3.3 Lg 00:00:50.356 0.1 T__ ___ 198482 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A264A 0.34 271.4 Pg 00:00:46.785 -0.3 T__ 82.5 ___ ML 1.2 198473 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A264A 0.34 271.4 Lg 00:00:52.217 0.2 T__ ___ 198474 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A266A 0.51 42.2 Pg 00:00:50.626 0.4 T__ 77.9 ___ ML 1.6 198475 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A266A 0.51 42.2 Lg 00:00:58.393 0.6 T__ ___ 198483 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
A263A 0.58 327.2 Lg 00:01:00.071 0.4 T__ 198484 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 0.61 83.8 Pg 00:00:51.763 -0.3 T__ 15.9 ___ ML 1.0 198477 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.61 83.8 Lg 00:01:00.275 -0.8 T__ ___ 198476 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/15 08:09:35.77 0.85 0.87 47.9774 16.6455 6.4 3.1 125 0.0f 14 7 144 0.30 1.12 sx BUD 18001694 BUD 173

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Magnitude Err Nsta Author OrigID  
 ML 1.5 0.0 5 BUD 18001694

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
SOP	0.30	191.3	Pg	08:09:41.683	-0.3					T__		52.3		---	ML	0.9 198527	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.30	191.3	Lg	08:09:46.293	-0.1					T__				---		198526	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0)																								
RONA	0.36	220.4	Pg	08:09:43.014	-0.2					T__				---		198523	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.36	220.4	Lg	08:09:48.195	-0.1					T__				---		198524	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.53	265.0	Pg	08:09:46.095	-0.3					T__		32.6		---	ML	1.3 198522	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.53	265.0	Lg	08:09:53.673	0.2					T__				---		198529	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																								
MODS	0.58	46.6	Pg	08:09:48.047	0.2					T__				---		198531	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.58	46.6	Lg	08:09:55.798	-1.4					T__				---		198530	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	1.05	226.6	Pg	08:09:56.494	0.4					T__		26.0		---	ML	1.5 198525	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.05	226.6	Lg	08:10:10.919	1.6					T__				---		198532	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																								
KRUC	1.10	351.4	Pg	08:09:56.718	-0.1					T__		25.7		---	ML	1.5 198528	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.10	351.4	Lg	08:10:12.220	-0.8					T__				---		198533	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																								
JAVC	1.12	37.4	Pg	08:10:00.002	1.6					T__		35.8		---	ML	1.7 198534	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.12	37.4	Sn	08:10:14.536	-0.3					T__				---		198535	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/04/15 10:16:12.41 1.58 0.32 46.0239 22.8772 12.8 6.1 45 0.0f 7 4 205 0.14 0.88 sx BUD 18001696 BUD 305

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.1 4 BUD 18001696

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DEV	0.14	172.6	Pg	10:16:15.086	-0.0					T__		654.7		---	ML	1.5 198565	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.14	172.6	Lg	10:16:17.392	0.3					T__				---		198568	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																								
GZR	0.63	186.4	Pg	10:16:24.503	-0.1					T__		95.1		---	ML	1.8 198563	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.63	186.4	Lg	10:16:33.570	-0.1					T__				---		198566	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																								
LOT	0.85	132.3	Pg	10:16:28.849	0.1					T__		66.1		---	ML	1.8 198569	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.85	132.3	Lg	10:16:40.645	-0.5					T__				---		198567	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																								
SIRR	0.88	286.5	Pg	10:16:30.346	0.0					T__		50.8		---	ML	1.7 198564	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/17	15:17:01.90	0.99	1.02	48.9397	21.9546	11.6	5.6	168	7.9	12.0	11	7	157	0.21	1.25	ke	BUD	18001708	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	18001708

Sta	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	0.21	91.6	Pg	15:17:06.272	-0.0					T__						198789	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.21	91.6	Lg	15:17:10.334	0.3					T__						198797	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.80	216.6	Pg	15:17:18.368	0.8					T__		46.3			ML	1.6	198791	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.80	216.6	Lg	15:17:28.009	-1.4					T__						198790	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
TRPA	0.90	154.2	Lg	15:17:30.912	-1.7					T__						198792	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	1.04	245.2	Pg	15:17:22.038	0.3					T__		26.5			ML	1.5	198788	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.04	245.2	Lg	15:17:35.952	-0.5					T__						198787	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	1.07	245.4	Lg	15:17:36.844	-0.8					T__						198793	FDSN	SK	--	BUD	iLoc	EHN	???	_	
NIE	1.19	294.4	Lg	15:17:39.901	-0.2					T__						198794	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	1.25	229.8	Pn	15:17:26.156	0.4					T__		38.7			ML	1.8	198796	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.25	229.8	Sn	15:17:42.078	-0.8					T__						198795	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/18	09:38:35.21	2.08	1.36	45.5428	16.1056	15.1	8.5	174	13.0f		9	7	234	0.30	1.50	ke	BUD	18001716	BUD			249

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.30	343.7	Lg	09:38:46.779	0.8					T__						199063	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.38	345.2	Pg	09:38:42.457	-0.7					T__		111.6			ML	1.4	199064	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.38	345.2	Lg	09:38:48.374	-0.8					T__						199067	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CRES	0.54	302.1	Pg	09:38:45.718	0.1					T__		68.1			ML	1.6	199065	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.54	302.1	Lg	09:38:53.510	-0.3					T__						199068	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOGS	0.91	6.3	Lg	09:39:07.086	2.3					T__						199069	FDSN	SL	--	BUD	iLoc	BHE	???	_	
A264A	1.03	52.9	Sn	09:39:09.730	0.0					T__						199070	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
OBKA	1.45	312.3	Lg	09:39:24.159	1.9					T__						199066	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KOVH	1.50	67.9	Sn	09:39:21.425	0.2					T__						199071	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
2022/04/18	19:55:47.06	0.73	0.77	47.1196	19.7493	3.1	2.3	132	8.0	5.2	41	24	42	0.24	1.55	ke	BUD	18001718	BUD			69

Magnitude	Err	Nsta	Author	OrigID



ML	1.9	0.2	17	BUD	18001718																								
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L					
HU01A	0.24	338.7	Pg	19:55:52.990	0.4					T__		177.6		___	ML	1.2	199258	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
HU01A	0.24	338.7	Lg	19:55:57.974	1.3					T__				___		199257	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
		(Reading ML: 1.2 magdef=1																											
		(Station ML: 1.2 magdef=0																											
HU04A	0.36	211.3	Pg	19:55:53.846	-0.9					T__		209.8		___	ML	1.6	199259	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
HU04A	0.36	211.3	Lg	19:55:59.549	-1.1					T__				___		199260	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
		(Reading ML: 1.6 magdef=1																											
		(Station ML: 1.6 magdef=1																											
BSZH	0.40	62.8	Pg	19:55:55.709	-0.0					T__		150.6		___	ML	1.6	199237	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
BSZH	0.40	62.8	Lg	19:56:03.158	1.3					T__				___		199236	FDSN	HU	--	BUD	iLoc	HHN	???	_					
		(Reading ML: 1.6 magdef=1																											
		(Station ML: 1.6 magdef=1																											
HU23A	0.62	33.0	Pg	19:56:00.091	-0.1					T__		110.8		___	ML	1.9	199233	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
HU23A	0.62	33.0	Lg	19:56:11.475	2.2					T__				___		199246	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
		(Reading ML: 1.9 magdef=1																											
		(Station ML: 1.9 magdef=1																											
A271A	0.63	273.6	Pg	19:56:00.665	0.9					T__		162.4		___	ML	2.1	199262	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
A271A	0.63	273.6	Lg	19:56:10.267	0.6					T__				___		199261	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
		(Reading ML: 2.1 magdef=1																											
		(Station ML: 2.1 magdef=0																											
A272A	0.66	235.3	Pg	19:56:01.048	0.7					T__		101.5		___	ML	1.9	199247	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
A272A	0.66	235.3	Lg	19:56:11.485	0.8					T__				___		199238	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
		(Reading ML: 1.9 magdef=1																											
		(Station ML: 1.9 magdef=1																											
HU06A	0.69	125.7	Pg	19:56:01.644	0.1					T__		92.2		___	ML	1.9	199263	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
HU06A	0.69	125.7	Lg	19:56:11.959	0.4					T__				___		199245	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
		(Reading ML: 1.9 magdef=1																											
		(Station ML: 1.9 magdef=1																											
ET1H	0.76	6.2	Pg	19:56:02.227	-0.8					T__		34.7		___	ML	1.5	199232	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
ET1H	0.76	6.2	Lg	19:56:14.058	-0.0					T__				___		199264	FDSN	HU	--	BUD	iLoc	HHN	???	_					
		(Reading ML: 1.5 magdef=1																											
		(Station ML: 1.5 magdef=0																											
HU21A	0.79	181.0	Pg	19:56:02.424	-0.5					T__		96.8		___	ML	1.9	199248	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
HU21A	0.79	181.0	Lg	19:56:14.548	-0.5					T__				___		199265	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
		(Reading ML: 1.9 magdef=1																											
		(Station ML: 1.9 magdef=1																											
HU03A	0.79	352.7	Lg	19:56:14.479	-0.4					T__				___		199239	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
PSZ	0.81	7.0	Pg	19:56:02.939	-1.1					T__		63.9		___	ML	1.8	199230	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_				
PSZ	0.81	7.0	Lg	19:56:14.662	-1.2					T__				___		199231	FDSN	GE	--	BUD	iLoc	HHN	???	_					
		(Reading ML: 1.8 magdef=1																											
		(Station ML: 1.8 magdef=1																											
A267A	0.88	259.2	Pg	19:56:05.023	0.4					T__		93.9		___	ML	2.0	199249	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
A267A	0.88	259.2	Lg	19:56:17.850	-0.3					T__				___		199266	FDSN	ZJ	00	BUD	iLoc	HHE	???	_					
		(Reading ML: 2.0 magdef=1																											
		(Station ML: 2.0 magdef=1																											
HU22A	0.90	208.5	Pg	19:56:03.984	-0.9					T__		128.2		___	ML	2.1	199250	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
HU22A	0.90	208.5	Lg	19:56:18.508	-0.3					T__				___		199251	FDSN	ZJ	00	BUD	iLoc	HHE	???	_					
		(Reading ML: 2.1 magdef=1																											
		(Station ML: 2.1 magdef=0																											
HU24A	0.99	101.8	Pn	19:56:06.674	-0.5					T__		91.6		___	ML	2.0	199252	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				

HU24A	0.99	101.8	Lg	19:56:21.519	0.5	T__								199267	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
AMBH	1.02	138.5	Sn	19:56:22.789	0.6	T__								199253	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU05A	1.04	64.9	Sn	19:56:22.951	0.4	T__								199240	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CSKK	1.04	284.1	Sn	19:56:22.732	-0.0	T__								199241	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU09A	1.06	299.7	Sn	19:56:23.901	0.6	T__								199242	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	1.13	27.3	Pn	19:56:08.746	-0.5	T__				27.8				199234	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.13	27.3	Sn	19:56:24.759	-0.3	T__								199235	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=0)																						
A266A	1.18	240.3	Pn	19:56:10.313	0.5	T__				84.1				199254	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	1.18	240.3	Sn	19:56:27.115	1.0	T__								199243	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=0)																						
MORH	1.18	220.5	Pn	19:56:09.335	-0.6	T__				35.8				199255	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.18	220.5	Sn	19:56:26.428	0.3	T__								199256	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
JOS	1.48	20.9	Pn	19:56:13.691	-0.3	T__				19.1				199268	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.48	20.9	Lg	19:56:36.625	-0.1	T__								199269	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
VYHS	1.51	336.2	Lg	19:56:37.851	-0.7	T__								199244	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	1.55	40.0	Lg	19:56:39.316	0.1	T__								199270	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
2022/04/19	07:41:01.42	0.87	0.86	47.3557	18.4098	5.2	3.5	132	0.0f		14	12	110	0.10	1.62	sx	BUD	18001720	BUD			128

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.10	274.2	Pg	07:41:04.729	0.6					T__		1783.5			ML	1.8	199328	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	274.2	Lg	07:41:05.757	-1.0					T__						199329	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU09A	0.28	356.3	Pg	07:41:08.313	0.7					T__		247.9			ML	1.5	199331	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.28	356.3	Lg	07:41:12.257	-0.6					T__						199330	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU08A	0.34	283.1	Lg	07:41:14.375	-0.3					T__						199332	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.62	252.9	Lg	07:41:22.628	-1.0					T__						199333	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.64	39.8	Lg	07:41:24.162	-1.1					T__						199334	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.12	61.6	Sn	07:41:39.646	-0.8					T__						199335	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.15	60.2	Sn	07:41:40.961	-0.4					T__						199336	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.15	171.9	Lg	07:41:40.303	-0.7					T__						199337	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.17	14.0	Sn	07:41:41.326	-0.6					T__						199338	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	1.27	323.6	Sn	07:41:44.174	-0.1					T__						199339	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.29	189.7	Sn	07:41:45.051	0.5					T__						199340	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	1.62	61.0	Sn	07:41:54.180	1.3					T__						199341	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/19	08:28:20.75	1.38	0.70	48.8552	21.0853	7.9	7.2	109	0.0f	9	7	126	0.51	1.23	sx	BUD	18001722	BUD				216

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.51	225.4	Pg	08:28:31.396	0.5					T__		54.2		---	ML	1.5	199363	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	225.4	Lg	08:28:38.645	-0.0					T__				---		199364	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.54	227.1	Lg	08:28:39.923	0.1					T__				---		199365	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.57	169.6	Lg	08:28:41.202	-0.5					T__				---		199367	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.76	317.8	Lg	08:28:45.362	-0.7					T__				---		199366	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	0.79	83.9	Lg	08:28:48.548	0.0					T__				---		199368	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU02A	0.82	207.1	Pg	08:28:37.915	0.2					T__	30.2			---	ML	1.4	199370	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.82	207.1	Lg	08:28:49.017	-1.4					T__				---		199369	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	1.23	220.7	Sn	08:29:02.373	-0.2					T__				---		199371	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/19	08:40:34.33	1.16	0.86	48.5438	20.7725	7.0	4.4	8	0.0f	9	7	147	0.16	0.93	sx	BUD	18001724	BUD				235

Magnitude Err Nsta Author OrigID  
ML 1.1 0.3 3 BUD 18001724

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.16	252.9	Pg	08:40:37.869	0.1					T__		147.7		---	ML	0.9	199394	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	252.9	Lg	08:40:41.393	0.9					T__				---		199395	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.20	252.5	Pg	08:40:38.344	-0.2					T__	454.1			---	ML	1.5	199397	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	252.5	Lg	08:40:42.635	0.8					T__				---		199396	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.40	128.4	Pg	08:40:42.708	0.2					T__	50.5			---	ML	1.1	199398	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.45	201.5	Lg	08:40:50.871	-0.5					T__				---		199399	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.86	223.5	Lg	08:41:03.813	-1.5					T__				---		199400	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.90	222.5	Lg	08:41:06.251	-0.0					T__				---		199402	FDSN	HU	--	BUD	iLoc	HHE	???	_	
NIE	0.93	340.6	Lg	08:41:04.412	-0.7					T__				---		199401	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
2022/04/19	09:12:09.20	2.73	0.28	46.8689	22.8312	22.2	10.9	176	0.0f	9	5	281	0.11	1.56	sx	BUD	18001726	BUD				307

Magnitude Err Nsta Author OrigID  
ML 1.5 0.4 4 BUD 18001726

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

DRGR	0.11	226.9	Pg	09:12:12.001	0.2	T__	212.1	___	ML	0.9	199432	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.11	226.9	Lg	09:12:14.289	0.1	T__		---			199431	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
SIRR	1.01	233.8	Pg	09:12:29.271	-0.2	T__	18.0	___	ML	1.3	199429	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	1.01	233.8	Lg	09:12:43.508	-0.4	T__		---			199428	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
GZR	1.48	181.5	Pn	09:12:37.272	0.2	T__	30.3	___	ML	1.8	199433	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.48	181.5	Sn	09:12:56.728	-0.4	T__		---			199430	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
BZS	1.51	214.4	Pn	09:12:37.475	-0.0	T__	25.6	___	ML	1.7	199434	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.51	214.4	Sn	09:12:57.611	-0.2	T__		---			199435	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
LOT	1.56	155.0	Sn	09:12:59.340	-0.0	T__		---			199436	FDSN	RO	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/19	09:52:23.99	0.89	0.41	47.8794	16.0725	5.1	3.9	27	0.0f		10	6	81	0.15	1.20	sx	BUD	18001728	BUD			152

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	18001728

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	289.1	Pg	09:52:27.279	0.1					T__		154.6		---	ML	0.9	199464	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	289.1	Lg	09:52:29.689	0.2					T__				---		199465	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.23	139.9	Pg	09:52:28.977	0.0					T__				---		199467	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	139.9	Lg	09:52:32.866	0.5					T__				---		199466	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.73	210.8	Pg	09:52:38.222	0.1					T__	44.1			---	ML	1.6	199470	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.73	210.8	Lg	09:52:46.999	-0.3					T__				---		199468	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
AO19A	0.80	237.3	Lg	09:52:49.468	-0.2					T__				---		199471	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	0.95	58.1	Lg	09:52:57.328	-0.5					T__				---		199472	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	10.2	Pg	09:52:47.700	0.6					T__	30.0			---	ML	1.6	199473	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	10.2	Sn	09:53:04.783	-0.3					T__				---		199469	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/04/19	10:24:33.53	0.65	1.75	47.9339	20.0812	3.6	2.5	156	0.0f		31	22	61	0.13	1.98	sx	BUD	18001730	BUD					94

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	10 BUD	18001730

Sta	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	263.0	Pg	10:24:35.696	-1.2					T__		3187.5		---	ML	2.2	199527	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ	0.13	263.0	Lg	10:24:38.563	-1.2	T__				199528	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
ET1H	0.15	248.9	Pg	10:24:35.934	-1.3	T__	1384.9		ML	1.9	199530	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.15	248.9	Lg	10:24:39.001	-1.1	T__					199529	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
HU23A	0.32	158.9	Lg	10:24:46.396	0.5	T__					199532	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU03A	0.33	264.9	Lg	10:24:45.721	-0.2	T__					199531	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU02A	0.35	57.5	Pg	10:24:39.604	-1.6	T__	402.8		ML	1.9	199533	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.35	57.5	Lg	10:24:45.849	-1.4	T__					199540	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KECS	0.61	26.0	Lg	10:24:53.718	-1.5	T__					199541	FDSN	SK	--	BUD	iLoc	EHE	???	_
JOS	0.64	28.4	Pg	10:24:46.141	-0.2	T__	125.6		ML	2.0	199548	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	28.4	Lg	10:24:54.157	-2.0	T__					199542	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
BSZH	0.65	168.7	Lg	10:24:55.348	-2.3	T__					199543	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU01A	0.67	208.0	Lg	10:24:56.564	-1.6	T__					199549	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU10A	0.72	263.3	Lg	10:24:58.058	-2.0	T__					199550	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU05A	0.81	117.8	Pg	10:24:49.559	-0.9	T__	280.3		ML	2.4	199545	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.81	117.8	Lg	10:25:01.099	-2.0	T__					199544	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
BUD	0.84	238.1	Lg	10:25:02.459	-1.9	T__					199551	FDSN	HU	--	BUD	iLoc	HHN	???	_
ABAH	0.86	64.5	Pg	10:24:51.911	1.3	T__	125.3		ML	2.1	199552	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.86	64.5	Lg	10:25:02.556	-1.8	T__					199546	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
VYHS	1.00	304.4	Pg	10:24:53.097	-0.8	T__	22.0		ML	1.4	199535	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.00	304.4	Lg	10:25:06.609	-1.9	T__					199534	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
HU09A	1.18	256.2	Sn	10:25:14.205	0.1	T__					199536	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU04A	1.20	200.3	Sn	10:25:13.402	-1.0	T__					199537	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU06A	1.27	164.7	Sn	10:25:15.578	-0.5	T__					199553	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
NIE	1.49	5.5	Sn	10:25:22.860	1.0	T__					199547	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU08A	1.54	251.8	Sn	10:25:22.408	-0.6	T__					199554	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JAVC	1.85	300.9	Pn	10:25:07.924	1.3	T__	58.0		ML	2.3	199538	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.85	300.9	Sn	10:25:35.130	4.3	T__					199555	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
MPLH	1.88	247.0	Pn	10:25:09.259	2.3	T__	58.4		ML	2.3	199556	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
MORH	1.98	210.3	Pn	10:25:10.626	2.4	T__	32.1		ML	2.1	199539	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.98	210.3	Sn	10:25:36.226	2.5	T__					199557	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2022/04/19 11:19:42.49 0.94 1.74 46.0090 21.7629 8.2 3.9 80 0.0f 8 5 149 0.27 1.51 sx BUD 18001732 BUD 213

Magnitude Err Nsta Author OrigID  
ML 1.2 0.3 3 BUD 18001732

Sta	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	0.27	344.5	Pg	11:19:48.491	0.1					T__		98.6		---	ML	1.0 199595	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.27	344.5	Lg	11:19:53.779	0.7					T__				---		199596	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
BZS	0.41	194.7	Pg	11:19:50.118	-0.5					T__		64.7		---	ML	1.2 199598	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.41	194.7	Lg	11:19:57.440	0.8					T__				---		199599	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
GZR	0.94	130.6	Pg	11:20:01.478	1.1					T__		44.5		---	ML	1.7 199601	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.94	130.6	Lg	11:20:13.915	0.3					T__				---		199600	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
DRGR	1.02	39.6	Lg	11:20:14.322	-3.4					T__				---		199597	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.51	111.0	Sn	11:20:30.359	-1.1					T__				---		199602	FDSN	RO	--	BUD	iLoc	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/04/19 13:25:50.86 1.38 0.83 48.5165 22.9838 11.3 6.5 79 0.0f 13 9 166 0.49 1.74 sx BUD 18001736 BUD 205

Magnitude Err Nsta Author OrigID  
ML 1.9 0.3 3 BUD 18001736

Sta	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	0.49	217.7	Lg	13:26:09.649	0.6					T__				---		199689	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOLS	0.63	311.8	Pg	13:26:02.703	-0.3					T__				---		199686	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.63	311.8	Lg	13:26:12.600	-0.7					T__				---		199690	FDSN	SK	--	BUD	iLoc	HHN	???	_
BMR	0.91	157.7	Lg	13:26:22.172	-0.7					T__				---		199691	FDSN	RO	--	BUD	iLoc	HHN	???	_
KWP	1.13	350.9	Pg	13:26:13.313	1.1					T__		101.6		---	ML	2.1 199687	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_
KWP	1.13	350.9	Lg	13:26:29.089	0.2					T__				---		199692	FDSN	PL	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
ABAH	1.18	259.9	Sn	13:26:29.981	-1.5					T__				---		199693	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	1.63	270.2	Pn	13:26:20.632	-0.1					T__		21.8		---	ML	1.7 199685	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.63	270.2	Sn	13:26:42.617	0.2					T__				---		199694	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
KECS	1.66	269.8	Sn	13:26:43.712	0.4					T__				---		199684	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	1.69	257.4	Pn	13:26:21.728	0.1					T__		30.2		---	ML	1.9 199682	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.69	257.4	Sn	13:26:45.301	1.3					T__				---		199683	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
DRGR	1.74	186.2	Sn	13:26:44.938	-0.3					T__				---		199688	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/04/20 01:45:31.72 0.99 1.04 45.5128 16.2974 8.3 4.4 45 5.0f 13 8 158 0.38 1.78 ke BUD 18001738 BUD 232

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.1 5 BUD 18001738

Sta	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	0.38	325.4	Pg	01:45:38.957	-0.4					T__		420.2		---	ML	2.0 199747	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.38	325.4	Lg	01:45:45.273	0.6					T__				---		199744	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
PTJ	0.46	329.8	Pg	01:45:39.952	-1.1					T__		87.0		---	ML	1.5 199746	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.46	329.8	Lg	01:45:46.608	-1.2					T__				---		199745	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
CRES	0.67	298.3	Pg	01:45:45.575	0.9					T__		82.5		---	ML	1.8 199748	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.67	298.3	Lg	01:45:54.597	0.2					T__				---		199749	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KOGS	0.94	358.0	Pg	01:45:50.087	0.3					T__		85.2		---	ML	2.0 199741	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.94	358.0	Lg	01:46:03.641	1.6					T__				---		199740	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
A264A	0.95	46.6	Lg	01:46:04.358	1.3					T__				---		199750	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BLY	0.99	140.3	Pg	01:45:50.330	-0.2					T__		90.9		---	ML	2.0 199742	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	0.99	140.3	Lg	01:46:03.277	-0.2					T__				---		199743	FDSN	MN	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=0)																								
KOVH	1.39	64.8	Sn	01:46:15.778	-1.1					T__				---		199739	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.78	66.0	Sn	01:46:27.673	1.0					T__				---		199738	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  
 2022/04/20 07:07:59.23 1.44 0.73 46.0330 22.8945 11.6 5.0 55 0.0f 9 6 142 0.15 0.99 sx BUD 18001748 BUD 207

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 3 BUD 18001748

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DEV	0.15	177.6	Pg	07:08:02.452	0.4					T__		375.1		---	ML	1.3 200026	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.15	177.6	Lg	07:08:03.863	-0.3					T__				---		200025	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
GZR	0.65	187.4	Pg	07:08:11.803	0.2					T__		33.2		---	ML	1.4 200027	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.65	187.4	Lg	07:08:20.462	-0.3					T__				---		200028	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
DRGR	0.77	350.6	Lg	07:08:26.254	-0.4					T__				---		200029	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	0.85	133.4	Lg	07:08:26.942	-1.0					T__				---		200022	FDSN	RO	--	BUD	iLoc	HHN	???	_
SIRR	0.89	285.7	Pg	07:08:17.770	0.4					T__		30.0		---	ML	1.5 200030	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.89	285.7	Lg	07:08:28.947	-1.2					T__				---		200024	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
BZS	0.99	245.5	Lg	07:08:31.967	-0.3					T__				---		200023	FDSN	RO	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/20	07:41:05.55	1.64	0.46	48.5519	20.7764	11.6	4.0	8	0.0f	11	6	238	0.17	0.91	mx	BUD	18001750	BUD				310

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	5 BUD	18001750

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	250.5	Pg	07:41:09.002	-0.1					T__		209.9		___	ML	1.1	200059	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	250.5	Lg	07:41:12.703	0.8					T__				---		200060	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
KECS	0.21	250.5	Pg	07:41:09.517	-0.4					T__		796.5		___	ML	1.8	200062	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	250.5	Lg	07:41:13.573	0.3					T__				---		200061	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
ABAH	0.40	129.5	Pg	07:41:13.998	0.2					T__		71.7		___	ML	1.3	200066	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	129.5	Lg	07:41:20.047	-0.7					T__				---		200065	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU02A	0.46	201.4	Pg	07:41:15.252	-0.1					T__		41.2		___	ML	1.2	200063	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	201.4	Lg	07:41:23.182	0.3					T__				---		200064	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
PSZ	0.87	223.3	Lg	07:41:36.444	-0.4					T__				---		200069	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	0.91	222.3	Pg	07:41:24.497	0.0					T__		31.3		___	ML	1.5	200068	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	222.3	Lg	07:41:37.646	-0.1					T__				---		200067	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/04/20	07:45:02.15	0.75	0.33	48.0663	20.6823	8.2	4.6	155	0.0A	0.0	8	5	196	0.12	0.55	m	kx	BUD	18001752	BUD			360	
2022/04/20	07:45:00.33	0.97	0.85	48.0471	20.6805f				0.0f		8	5	200	0.13	0.54		kx	BUD_GT	18001753	BUD_GT			268	
(locality : Miskolc-Mexikóvölgy Hungary) (GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	3 BUD	18001753

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	07:45:03.904	0.3					T__		365.0		___	ML	1.2	200097	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	07:45:05.724	-0.6					T__				---		200100	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
ABAH	0.45	56.1	Lg	07:45:16.201	-1.2					T__				---		200101	FDSN	HU	--	BUD	iLoc	HNN	???	_	
KECS	0.46	343.5	Pg	07:45:10.499	0.9					T__		30.1		___	ML	1.0	200098	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	343.5	Lg	07:45:16.041	-0.7					T__				---		200102	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
JOS	0.46	348.2	Pg	07:45:10.357	0.7					T__		35.2		___	ML	1.1	200099	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	07:45:16.062	-0.7					T__				---		200103	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	



(Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1  
 PSZ 0.54 256.6 Lg 07:45:19.899 -0.9 T\_\_ --- 200104 FDSN GE -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/20	07:54:02.68	0.28	0.48	46.9073	17.3393	3.3	2.9	75	0.0A	0.0	13	11	57	0.14	1.06	m	kx BUD	18001754	BUD			360
2022/04/20	07:54:00.84	0.92	1.66	46.9790	17.3040f				0.0f		13	11	61	0.11	1.05		kx BUD_GT	18001755	BUD_GT			106

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.11	255.8	Pg	07:54:05.163	1.4					T__		5593.2		---	ML	2.4	200138	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.11	255.8	Lg	07:54:06.539	0.4					T__				---		200137	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BADH	0.21	146.3	Pg	07:54:04.904	-0.7					T__		2074.7		---	ML	2.2	200132	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.21	146.3	Lg	07:54:06.863	-2.4					T__				---		200139	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.25	40.0	Lg	07:54:11.475	0.5					T__				---		200140	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A263A	0.34	178.7	Lg	07:54:10.993	-2.4					T__				---		200133	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TIH	0.41	100.9	Lg	07:54:14.792	-1.3					T__				---		200141	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.44	2.5	Lg	07:54:19.688	2.4					T__				---		200142	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.62	42.8	Lg	07:54:23.572	-0.2					T__				---		200143	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOGS	0.90	234.2	Lg	07:54:31.303	1.0					T__				---		200134	FDSN	SL	--	BUD	iLoc	BHN	???	_	
HU09A	0.99	47.6	Sn	07:54:35.190	-1.3					T__				---		200136	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
RONA	0.99	316.8	Sn	07:54:37.695	1.3					T__				---		200135	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KOVH	1.05	148.1	Lg	07:54:34.091	-2.5					T__				---		200144	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
2022/04/20	08:02:19.99	1.55	1.15	48.4785	21.4474	9.1	7.8	102	0.0f		9	6	167	0.23	1.18		sx BUD	18001756	BUD			305

Magnitude Err Nsta Author OrigID  
 ML 1.1 0.1 3 BUD 18001756

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.23	217.3	Pg	08:02:25.569	0.6					T__		146.1		---	ML	1.1	200167	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.23	217.3	Lg	08:02:28.057	-1.2					T__				---		200170	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.60	272.0	Pg	08:02:32.204	0.1					T__		20.3		---	ML	1.1	200168	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	272.0	Lg	08:02:41.469	0.2					T__				---		200173	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.64	270.8	Lg	08:02:42.683	0.2					T__				---		200169	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.71	240.3	Pg	08:02:35.309	0.5					T__		25.1		---	ML	1.3	200172	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	240.3	Lg	08:02:43.886	-2.0					T__				---		200171	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 1.3 magdef=1

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(Station ML: 1.3 magdef=1
KOLS 0.71 49.9 Lg 08:02:44.069 -1.2 T__ --- 200174 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.18 242.2 Sn 08:03:00.576 -0.1 T__ --- 200175 FDSN GE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/21 09:22:25.73 1.33 0.67 48.5740 20.8200 9.6 3.9 5 0.0f 13 8 161 0.20 1.32 sx BUD 18001760 BUD 227

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```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 18001760

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.20 247.3 Pg 09:22:30.383 0.4 T__ 517.5 --- ML 1.6 200331 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 247.3 Lg 09:22:33.724 0.4 T__ --- 200332 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.24 247.9 Pg 09:22:30.803 0.1 T__ 1677.0 --- ML 2.2 200334 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 247.9 Lg 09:22:34.619 0.0 T__ --- 200333 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ABAH 0.39 134.7 Pg 09:22:34.327 0.5 T__ 67.3 --- ML 1.2 200337 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 134.7 Lg 09:22:40.477 -0.3 T__ --- 200339 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.49 203.6 Pg 09:22:36.171 0.0 T__ 35.0 --- ML 1.2 200335 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.49 203.6 Lg 09:22:43.858 -0.2 T__ --- 200336 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
PSZ 0.90 223.7 Lg 09:22:57.453 -0.8 T__ --- 200343 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.94 222.7 Pg 09:22:45.671 0.3 T__ 39.3 --- ML 1.6 200342 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.94 222.7 Lg 09:22:58.736 -0.4 T__ --- 200341 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOLS 1.03 69.0 Lg 09:22:59.671 -1.6 T__ --- 200340 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.32 267.3 Sn 09:23:09.275 -0.5 T__ --- 200338 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
2022/04/21 11:26:58.00 0.94 0.27 47.8903 16.0740 5.1 3.9 26 0.0f 9 6 85 0.15 1.19 sx BUD 18001762 BUD 151

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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
CONA 0.15 285.0 Pg 11:27:01.150 -0.0 T__ 152.6 --- ML 0.9 200371 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.15 285.0 Lg 11:27:03.304 -0.2 T__ --- 200375 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
RONA 0.24 141.8 Pg 11:27:02.939 -0.2 T__ --- 200372 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.24 141.8 Lg 11:27:06.920 0.2 T__ --- 200376 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.74 210.4 Lg 11:27:21.637 -0.0 T__ --- 200377 FDSN OE -- BUD iLoc HHN ??? _
AO19A 0.80 236.7 Lg 11:27:24.444 0.5 T__ --- 200378 FDSN Z3 00 BUD iLoc HH2 ??? _
MODS 0.94 58.6 Lg 11:27:31.824 0.2 T__ --- 200379 FDSN SK -- BUD iLoc HHN ??? _

```

```

KRUC 1.19 10.2 Pg 11:27:20.724 -0.1 T__ 33.5 ___ ML 1.7 200374 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.19 10.2 Lg 11:27:38.545 0.1 T__ ___ 200373 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/21 11:49:33.86 0.69 1.09 48.4266 17.2689 3.4 3.1 95 0.0f 25 16 54 0.05 2.00 sx BUD 18001764 BUD 87

```

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 7 BUD 18001764

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Sta 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 0.05 173.9 Pg 11:49:34.077 -1.5 T__ ___ 200428 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.05 173.9 Lg 11:49:35.465 -1.9 T__ ___ 200429 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.51 31.5 Pg 11:49:44.287 -0.3 T__ 391.8 ___ ML 2.3 200431 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.51 31.5 Lg 11:49:51.253 -1.5 T__ ___ 200430 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
A338A 0.83 119.2 Lg 11:50:03.545 -0.6 T__ ___ 200433 FDSN Z3 00 BUD iLoc HH2 ??? _
KRUC 0.86 318.0 Pg 11:49:50.516 0.1 T__ 78.7 ___ ML 1.9 200432 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.86 318.0 Lg 11:50:01.746 -1.3 T__ ___ 200444 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
SOP 0.88 212.9 Lg 11:50:04.199 1.0 T__ ___ 200425 FDSN HU -- BUD iLoc HHN ??? _
RONA 0.98 222.3 Pg 11:49:52.531 -0.7 T__ ___ 200424 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.98 222.3 Lg 11:50:05.423 -0.6 T__ ___ 200445 FDSN OE -- BUD iLoc HHE ??? _
VRAC 0.99 333.4 Pg 11:49:52.561 -0.0 T__ 16.1 ___ ML 1.3 200434 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 0.99 333.4 Lg 11:50:07.735 0.6 T__ ___ 200446 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
EGYH 1.01 177.6 Lg 11:50:09.012 0.4 T__ ___ 200435 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.05 85.7 Pg 11:49:55.444 0.5 T__ 17.7 ___ ML 1.3 200437 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.05 85.7 Lg 11:50:11.220 1.2 T__ ___ 200436 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CONA 1.07 242.6 Pg 11:49:53.773 -1.1 T__ 38.3 ___ ML 1.7 200422 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.07 242.6 Lg 11:50:09.367 0.7 T__ ___ 200423 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU08A 1.09 155.9 Sn 11:50:11.167 -0.9 T__ ___ 200438 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 1.27 171.6 Sn 11:50:16.556 -0.0 T__ ___ 200439 FDSN HU -- BUD iLoc HHE ??? _
MORC 1.36 7.5 Pg 11:49:58.666 -0.5 T__ 35.8 ___ ML 1.8 200441 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.36 7.5 Lg 11:50:18.532 0.3 T__ ___ 200440 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TREC 1.46 307.1 Lg 11:50:18.962 -2.4 T__ ___ 200442 FDSN CZ -- BUD iLoc HHN ??? _
ARSA 1.66 225.6 Pn 11:50:05.952 1.7 T__ 47.3 ___ ML 2.1 200427 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.66 225.6 Sn 11:50:27.060 0.7 T__ ___ 200426 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CKRC 2.00 282.4 Sn 11:50:35.138 0.4 T__ ___ 200443 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/22	07:29:48.17	0.72	0.73	47.3247	17.6711	4.3	3.2	143	0.0f	15	9	124	0.18	1.30	sx	BUD	18001766	BUD				125

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	5 BUD	18001766

Sta	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	210.2	Pg	07:29:51.841	-0.5					T__		586.6		___	ML	1.6	200506	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.18	210.2	Lg	07:29:55.109	-0.8					T__				---		200516	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU08A	0.20	58.1	Pg	07:29:52.911	0.1					T__		674.1		___	ML	1.7	200515	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.20	58.1	Lg	07:29:56.179	-0.6					T__				---		200517	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
EGYH	0.25	292.0	Pg	07:29:53.587	-0.2					T__		1053.9		___	ML	2.0	200508	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.25	292.0	Lg	07:29:58.024	-0.2					T__				---		200507	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BADH	0.54	194.7	Lg	07:30:08.699	1.5					T__				---		200518	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.58	56.7	Lg	07:30:08.858	-0.9					T__				---		200509	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
RONA	1.00	292.4	Pg	07:30:07.997	-0.2					T__				---		200520	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.00	292.4	Lg	07:30:22.239	0.8					T__				---		200519	FDSN	OE	--	BUD	iLoc	HHN	???	_	
HU10A	1.05	59.8	Sn	07:30:25.627	0.1					T__				---		200512	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	1.27	166.4	Pn	07:30:13.388	0.2					T__		78.2		___	ML	2.1	200511	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.27	166.4	Sn	07:30:30.771	-0.2					T__				---		200510	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
MORH	1.30	148.6	Pn	07:30:13.576	0.1					T__		42.7		___	ML	1.9	200514	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.30	148.6	Sn	07:30:32.566	1.0					T__				---		200513	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/22	07:44:50.05	0.85	0.77	47.3765	18.3730	5.5	3.9	134	0.0f	13	11	107	0.08	1.30	sx	BUD	18001768	BUD				108

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.08	260.1	Pg	07:44:51.965	-0.3					T__		2881.4		___	ML	2.0	200552	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	260.1	Lg	07:44:53.737	-0.8					T__				---		200553	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU09A	0.26	1.4	Lg	07:45:00.657	-0.1					T__				---		200554	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.31	280.4	Lg	07:45:02.495	0.2					T__				---		200564	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.44	170.2	Lg	07:45:06.755	0.2					T__				---		200555	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.60	250.3	Pg	07:45:03.177	0.7					T__		65.3		___	ML	1.7	200557	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.60	250.3	Lg	07:45:12.744	1.0					T__				---		200556	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

HU10A	0.64	42.7	Lg	07:45:13.475	-0.5				T__						200558	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	1.13	63.1	Sn	07:45:29.908	0.5				T__						200561	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	1.16	15.4	Sn	07:45:30.127	-0.0				T__						200560	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.16	61.6	Sn	07:45:31.077	0.8				T__						200562	FDSN	GE	--	BUD	iLoc	HHN	???	_
MORH	1.18	170.8	Sn	07:45:28.886	-1.6				T__						200559	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	1.30	188.4	Sn	07:45:33.414	-0.2				T__						200563	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
2022/04/22	08:18:30.92	1.13	0.98	47.9614	19.5550	5.9	5.2	45	0.0f		9	6	165	0.06	0.85	sx	BUD	18001772	BUD			258

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	18001772

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU03A	0.06	152.4	Pg	08:18:32.592	-0.1					T__		613.4			ML	1.3	200647	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.06	152.4	Lg	08:18:35.203	0.8					T__						200648	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ET1H	0.23	111.0	Pg	08:18:36.973	0.8					T__		113.1			ML	1.0	200650	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.23	111.0	Lg	08:18:38.662	-1.5					T__						200649	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.23	100.5	Pg	08:18:37.084	0.7					T__		323.1			ML	1.5	200646	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.23	100.5	Lg	08:18:40.115	-0.6					T__						200653	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.67	75.8	Lg	08:18:54.931	-0.7					T__						200654	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
VVHS	0.72	318.2	Lg	08:18:56.026	-0.1					T__						200651	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.85	50.5	Lg	08:18:59.708	-0.9					T__						200652	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/22	09:02:43.83	1.42	0.75	48.8216	21.2311	10.1	7.4	144	0.0f		7	5	133	0.56	0.86	sx	BUD	18001774	BUD			259

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.56	234.8	Pg	09:02:54.850	-0.2					T__		38.3			ML	1.4	200679	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.56	234.8	Lg	09:03:03.688	0.1					T__						200678	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.60	235.9	Lg	09:03:04.637	-0.2					T__						200680	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.70	80.4	Lg	09:03:08.034	-0.5					T__						200681	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.84	214.1	Pg	09:03:02.045	0.9					T__		37.1			ML	1.5	200676	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	214.1	Lg	09:03:13.073	-1.1					T__						200677	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	0.86	314.6	Lg	09:03:12.295	0.1					T__						200682	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
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2022/04/22 12:27:05.46 0.72 1.38 47.3220 17.6902 4.1 3.1 143 0.0f 17 12 93 0.18 1.48 sx BUD 18001776 BUD 111

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 4 BUD 18001776

Sta	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	214.1	Pg	12:27:09.933	0.2					T__		730.2		---	ML	1.7 200741	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.18	214.1	Lg	12:27:11.923	-1.4					T__				---		200754	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
HU08A	0.19	55.4	Pg	12:27:09.458	-0.4					T__		452.1		---	ML	1.5 200743	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.19	55.4	Lg	12:27:13.347	-0.4					T__				---		200744	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
EGYH	0.26	291.5	Pg	12:27:11.357	0.0					T__		728.0		---	ML	1.9 200742	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.26	291.5	Lg	12:27:14.735	-1.2					T__				---		200745	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
BADH	0.54	196.1	Lg	12:27:23.156	-1.3					T__				---		200746	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU09A	0.57	55.7	Lg	12:27:26.676	-0.1					T__				---		200755	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
RONA	1.02	292.3	Pg	12:27:25.730	-0.0					T__				---		200757	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.02	292.3	Lg	12:27:39.388	0.2					T__				---		200756	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	1.09	345.4	Sn	12:27:39.885	-3.9					T__				---		200747	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.27	167.0	Sn	12:27:48.622	0.5					T__				---		200753	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.29	149.0	Sn	12:27:48.594	0.0					T__				---		200748	FDSN	HU	--	BUD	iLoc	HHN	???	_
CONA	1.38	296.8	Lg	12:27:50.892	0.6					T__				---		200749	FDSN	OE	--	BUD	iLoc	HHN	???	_
VYHS	1.40	32.9	Pn	12:27:33.714	1.4					T__		15.4		---	ML	1.5 200751	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.40	32.9	Sn	12:27:53.142	1.6					T__				---		200750	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
ARSA	1.48	268.0	Sn	12:27:54.347	1.0					T__				---		200752	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/04/23 03:26:56.75 0.98 0.41 47.8463 16.2979 9.6 4.0 29 11.0f 6 4 129 0.24 1.22 ke BUD 18001782 BUD 218

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
SOP	0.24	132.8	Pg	03:27:02.054	0.0					T__		31.8		---	ML	0.5 200949	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	132.8	Lg	03:27:05.377	-0.3					T__				---		200948	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																								
CONA	0.30	285.8	Pg	03:27:03.277	-0.0					T__		40.2		---	ML	0.8 200946	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.30	285.8	Lg	03:27:07.404	-0.3					T__				---		200947	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																								
ARSA	0.79	221.6	Lg	03:27:22.550	0.3					T__				---		200950	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.22	3.0	Sn	03:27:36.701	0.5					T__				---		200951	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2022/04/23 07:37:55.90 0.98 0.84 46.1442 18.3032 7.5 3.4 161 0.0f 9 7 175 0.15 1.15 sx BUD 18001784 BUD 235

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	248.5	Pg	07:37:59.580	-0.0					T__		631.8		---	ML	1.5	200993	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	248.5	Lg	07:38:02.884	0.3					T__				---		200994	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	73.2	Pg	07:38:01.716	0.3					T__		179.1		---	ML	1.2	200996	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	73.2	Lg	07:38:05.769	-0.1					T__				---		200999	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A266A	0.38	356.0	Lg	07:38:10.334	-0.1					T__				---		200997	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A265A	0.45	308.7	Lg	07:38:13.621	1.3					T__				---		200995	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU22A	0.60	72.0	Lg	07:38:18.222	-0.3					T__				---		200998	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
A267A	0.81	8.7	Lg	07:38:25.692	0.1					T__				---		201000	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	1.15	333.1	Sn	07:38:34.351	-1.5					T__				---		201001	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  
 2022/04/24 06:21:28.78 0.90 1.25 45.6841 17.4363 4.9 4.0 139 11.1 8.7 31 22 101 0.35 3.82 ke BUD 18001796 BUD 186

Magnitude Err Nsta Author OrigID  
 ML 2.5 0.2 19 BUD 18001796

Sta	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	0.35	48.7	Pg	06:21:35.952	-0.2					T__		1392.7		---	ML	2.4	201270	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.35	48.7	Lg	06:21:42.352	1.2					T__				---		201271	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A264A	0.49	347.9	Pg	06:21:37.854	-0.8					T__		998.6		---	ML	2.7	201273	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
KOVH	0.62	48.7	Pg	06:21:40.544	-0.5					T__		422.3		_d	ML	2.5	201272	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.62	48.7	Lg	06:21:49.126	-0.3					T__				---		201286	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
A265A	0.78	18.5	Pg	06:21:43.694	-0.5					T__		2039.6		---	ML	3.2	201267	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
BEHE	0.91	329.9	Pn	06:21:46.962	-0.6					T__		867.1		---	ML	2.9	201260	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.91	329.9	Lg	06:21:58.849	0.5					T__				---		201261	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
BLY	0.95	190.9	Pg	06:21:46.847	0.0					T__		319.4		---	ML	2.5	201274	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	0.95	190.9	Sn	06:22:00.678	-0.9					T__				---		201275	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
A263A	0.96	355.0	Pg	06:21:47.273	-0.1					T__		772.6		---	ML	2.9	201264	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.96	355.0	Sn	06:22:00.912	-0.9					T__				---		201265	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									

MORH	1.00	57.3	Pg	06:21:47.250	-0.8	T__	299.3	___	ML	2.5	201276	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.00	57.3	Lg	06:22:00.840	-1.4	T__		---			201277	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.5 magdef=1															
				(Station ML: 2.5 magdef=1															
A266A	1.02	34.1	Pg	06:21:48.152	-0.4	T__	569.2	___	ML	2.8	201278	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	1.02	34.1	Sn	06:22:03.276	-0.0	T__		---			201287	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.8 magdef=1															
				(Station ML: 2.8 magdef=1															
ZAG	1.02	278.5	Pg	06:21:47.748	-0.3	T__	1008.1	___	ML	3.1	201269	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 3.1 magdef=1															
				(Station ML: 3.1 magdef=0															
PTJ	1.05	282.8	Pg	06:21:47.492	-1.3	T__	143.7	___	ML	2.2	201268	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 2.2 magdef=1															
				(Station ML: 2.2 magdef=0															
BADH	1.12	1.3	Lg	06:22:05.149	0.2	T__		---			201266	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOGS	1.13	313.2	Pg	06:21:49.336	-0.7	T__	330.8	---	ML	2.6	201263	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.13	313.2	Lg	06:22:05.039	0.4	T__		---			201262	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.6 magdef=1															
				(Station ML: 2.6 magdef=1															
TIH	1.26	14.4	Pg	06:21:53.015	0.2	T__	988.3	___	ML	3.2	201279	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.2 magdef=1															
				(Station ML: 3.2 magdef=0															
A261A	1.28	351.2	Sn	06:22:13.061	3.2	T__		---			201280	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU22A	1.35	60.8	Lg	06:22:13.518	-1.6	T__		---			201281	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CRES	1.39	276.6	Pn	06:21:54.160	0.0	T__	132.3	---	ML	2.4	201282	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.39	276.6	Sn	06:22:12.711	0.2	T__		---			201288	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.4 magdef=1															
				(Station ML: 2.4 magdef=1															
MPLH	1.49	2.7	Pg	06:21:57.063	-0.1	T__	68.5	___	ML	2.2	201283	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.2 magdef=1															
				(Station ML: 2.2 magdef=0															
ARSA	2.05	320.5	Pg	06:22:07.929	1.5	T__	42.7	___	ML	2.3	201284	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.3 magdef=1															
				(Station ML: 2.3 magdef=0															
OBKA	2.17	293.4	Pg	06:22:09.909	2.0	T__	67.7	___	ML	2.5	201285	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.5 magdef=1															
				(Station ML: 2.5 magdef=1															
BZS	2.93	89.8	Pg	06:22:26.193	3.5	T__	24.4	___	ML	2.5	201289	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.5 magdef=1															
				(Station ML: 2.5 magdef=1															
DRGR	3.82	71.3	Pg	06:22:42.000	0.3	T__	32.1	___	ML	3.1	201290	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.1 magdef=1															
				(Station ML: 3.1 magdef=1															

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/25	08:13:00.10	0.75	0.86	48.3197	19.8841	3.5	3.2	155	0.0f		23	15	64	0.40	2.12	sx	BUD	18001802	BUD			88

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	9 BUD	18001802

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.40	179.0	Pg	08:13:09.285	0.3					T__		234.6		___	ML	1.8	201507	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_



PSZ	0.40	179.0	Lg	08:13:15.556	-0.0	T__								201515	FDSN	GE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.8 magdef=1)																					
	(Station ML: 1.8 magdef=1)																					
KECS	0.43	67.6	Pg	08:13:09.285	0.4	T__	401.4	---	ML	2.1	201505	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_			
KECS	0.43	67.6	Lg	08:13:14.504	-1.1	T__		---			201514	FDSN	SK	--	BUD	iLoc	EHN	???	_			
	(Reading ML: 2.1 magdef=1)																					
	(Station ML: 2.1 magdef=1)																					
ET1H	0.44	181.1	Pg	08:13:09.851	0.2	T__	111.5	---	ML	1.6	201508	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
ET1H	0.44	181.1	Lg	08:13:16.365	-0.1	T__		---			201517	FDSN	HU	--	BUD	iLoc	HHN	???	_			
	(Reading ML: 1.6 magdef=1)																					
	(Station ML: 1.6 magdef=1)																					
JOS	0.47	67.8	Pg	08:13:09.730	0.1	T__	225.6	_c	ML	2.0	201504	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_			
JOS	0.47	67.8	Lg	08:13:15.677	-1.2	T__		---			201516	FDSN	ZJ	--	BUD	iLoc	HHN	???	_			
	(Reading ML: 2.0 magdef=1)																					
	(Station ML: 2.0 magdef=1)																					
HU02A	0.47	114.5	Pg	08:13:10.377	0.2	T__	96.5	---	ML	1.6	201506	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
HU02A	0.47	114.5	Lg	08:13:16.891	-0.9	T__		---			201518	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
	(Reading ML: 1.6 magdef=1)																					
	(Station ML: 1.6 magdef=1)																					
VYHS	0.72	284.4	Pg	08:13:14.200	-0.5	T__	25.2	---	ML	1.3	201512	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_			
VYHS	0.72	284.4	Lg	08:13:23.951	-1.4	T__		---			201511	FDSN	SK	--	BUD	iLoc	HHN	???	_			
	(Reading ML: 1.3 magdef=1)																					
	(Station ML: 1.3 magdef=0)																					
ABAH	0.91	91.0	Pg	08:13:18.641	0.6	T__	94.6	---	ML	2.0	201513	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 2.0 magdef=1)																					
	(Station ML: 2.0 magdef=1)																					
A338A	1.07	254.0	Pg	08:13:21.754	0.2	T__	270.2	---	ML	2.5	201520	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
A338A	1.07	254.0	Sn	08:13:37.128	-0.7	T__		---			201519	FDSN	Z3	00	BUD	iLoc	HH2	???	_			
	(Reading ML: 2.5 magdef=1)																					
	(Station ML: 2.5 magdef=0)																					
NIE	1.13	13.9	Pg	08:13:22.414	0.9	T__	26.0	---	ML	1.5	201510	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_			
NIE	1.13	13.9	Lg	08:13:37.100	-1.0	T__		---			201509	FDSN	PL	--	BUD	iLoc	BHE	???	_			
	(Reading ML: 1.5 magdef=1)																					
	(Station ML: 1.5 magdef=1)																					
SRO	1.17	244.9	Sn	08:13:39.812	-0.5	T__		---			201521	FDSN	SK	--	BUD	iLoc	EHN	???	_			
JAVC	1.57	291.0	Sn	08:13:51.728	1.5	T__		---			201522	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
HU08A	1.59	236.8	Sn	08:13:51.422	0.7	T__		---			201523	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
MODS	1.74	272.7	Sn	08:13:54.990	0.5	T__		---			201524	FDSN	SK	--	BUD	iLoc	HHN	???	_			
OJC	1.90	358.3	Lg	08:14:02.403	0.9	T__		---			201525	FDSN	PL	--	BUD	iLoc	BHN	???	_			
MORC	2.12	314.3	Lg	08:14:10.486	1.4	T__		---			201526	FDSN	CZ	--	BUD	iLoc	HHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/25	11:01:09.24	1.83	0.77	47.8741	18.8785	16.8	5.6	43	0.0f		8	6	214	0.10	1.27	sx	BUD	18001804	BUD			250

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	18001804

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.10	107.0	Pg	11:01:11.915	0.2							935.9		---	ML	1.5	201602	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.10	107.0	Lg	11:01:14.281	0.3									---		201604	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.5 magdef=1)																								
	(Station ML: 1.5 magdef=1)																								

VYHS	0.62	357.4	Lg	11:01:31.719	0.5	T__									201603	FDSN	SK	--	BUD	iLoc	HNN	???	_	
ET1H	0.67	89.2	Pg	11:01:23.774	0.3	T__				23.7		---	ML	1.2	201607	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.67	89.2	Lg	11:01:32.756	-0.8	T__									201606	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
PSZ	0.69	85.9	Lg	11:01:33.922	-0.6	T__									201608	FDSN	GE	--	BUD	iLoc	HNN	???	_	
HU02A	1.13	76.7	Pn	11:01:32.628	0.2	T__				34.1		---	ML	1.7	201605	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
JAVC	1.27	321.2	Sn	11:01:51.012	-1.2	T__									201609	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/26	07:04:08.38	1.22	0.83	47.9640	16.6935	10.1	4.4	124	0.0f		8	5	182	0.38	1.12	sx	BUD	18001806	BUD			235

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.38	225.5	Pg	07:04:15.794	-0.3					T__						201651	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.38	225.5	Lg	07:04:20.979	-0.3					T__						201650	FDSN	OE	--	BUD	iLoc	HNN	???	_	
CONA	0.56	266.6	Pg	07:04:19.555	-0.0					T__		32.9		---	ML	1.3	201649	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.56	266.6	Lg	07:04:26.804	-0.2					T__						201654	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MODS	0.57	43.4	Lg	07:04:29.271	-0.1					T__						201655	FDSN	SK	--	BUD	iLoc	HNN	???	_	
ARSA	1.07	228.4	Lg	07:04:43.964	1.6					T__						201656	FDSN	OE	--	BUD	iLoc	HNN	???	_	
KRUC	1.12	349.9	Pg	07:04:30.365	0.6					T__		32.1		---	ML	1.6	201653	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.12	349.9	Lg	07:04:45.739	-0.6					T__						201652	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/26	08:41:45.76	0.85	0.87	47.9068	19.4017	7.7	2.9	174	0.0f		10	8	150	0.27	1.50	sx	BUD	18001808	BUD			161

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.27	256.7	Pg	08:41:52.001	0.4					T__		667.1		---	ML	1.9	201719	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.27	256.7	Lg	08:41:55.530	-0.8					T__						201725	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	0.32	94.8	Pg	08:41:53.189	0.4					T__		168.0		---	ML	1.4	201717	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.32	94.8	Lg	08:41:57.337	-0.7					T__						201720	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.33	87.8	Lg	08:41:59.149	0.2					T__						201726	FDSN	GE	--	BUD	iLoc	HNN	???	_	
VYHS	0.70	327.4	Lg	08:42:09.727	-0.7					T__						201721	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
HU02A	0.78	73.6	Lg	08:42:13.407	-1.0					T__						201722	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
JOS	0.96	51.8	Lg	08:42:19.602	0.2					T__						201723	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
HU08A	1.11	245.1	Sn	08:42:23.528	-0.9					T__						201724	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MODS	1.50	289.0	Sn	08:42:35.426	1.3					T__						201718	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/26	11:51:34.17	1.30	0.84	47.8931	16.0994	12.3	3.9	33	0.0f		8	5	196	0.16	1.51	sx	BUD	18001812	BUD			262

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	282.5	Pg	11:51:37.194	-0.5					T__		125.8		___	ML	0.9	201853	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	282.5	Lg	11:51:39.750	-0.4					T__				___		201854	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.23	145.5	Pg	11:51:39.093	-0.0					T__				___		201855	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	145.5	Lg	11:51:42.416	-0.2					T__				___		201858	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	0.70	258.1	Pg	11:51:49.007	1.2					T__		32.4		___	ML	1.4	201856	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.70	258.1	Lg	11:51:57.224	0.5					T__				___		201859	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	0.75	211.5	Lg	11:51:57.407	-0.8					T__				___		201857	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CKRC	1.51	308.5	Sn	11:52:23.881	0.9					T__				___		201860	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/27	00:27:38.29	4.37	0.55	45.8866	21.2196	123.9	14.0	114	35.0f		5	3	211	0.49	1.37	ke	BUD	18001814	BUD			350

Magnitude Err Nsta Author OrigID  
ML 1.6 1.0 3 BUD 18001814

Sta	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	0.39	134.0	Pn	00:27:39.923	-7.5					---		175.8		_c	ML	1.6	201881	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.39	134.0	Sn	00:27:41.805	-12.3					---				---		201882	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
SIRR	0.49	38.6	Pn	00:27:48.617	0.2					T__		18.1		___	ML	0.9	201885	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.49	38.6	Sn	00:27:55.749	-0.7					T__				---		201886	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
BANR	0.51	186.7	Pn	00:27:48.618	-0.0					T__		715.6		___	ML	2.6	201884	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BANR	0.51	186.7	Sn	00:27:56.754	0.1					T__				---		201883	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
DRGR	1.37	48.2	Sn	00:28:18.388	0.3					T__				---		201887	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/27	07:11:27.72	0.71	1.30	47.6637	18.4848	3.6	2.6	148	0.0f		18	13	61	0.07	1.61	sx	BUD	18001816	BUD			99

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 5 BUD 18001816

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.07	250.1	Pg	07:11:30.566	0.8					T__		3399.6		___	ML	2.0	201940	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU09A	0.07	250.1	Lg	07:11:31.598	-0.2	T__									201950	FDSN	ZJ	00	BUD	iLoc	HHN	???	_				
(Reading ML: 2.0 magdef=1)																											
(Station ML: 2.0 magdef=1)																											
SR0	0.19	322.4	Pg	07:11:32.225	0.2	T__									3960.9		ML	2.4	201941	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.19	322.4	Lg	07:11:35.765	0.0	T__													201951	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.4 magdef=1)																											
(Station ML: 2.4 magdef=0)																											
CSKK	0.34	206.9	Pg	07:11:35.889	1.0	T__									244.9		ML	1.6	201947	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.34	206.9	Lg	07:11:39.652	-1.4	T__													201946	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																											
(Station ML: 1.6 magdef=0)																											
HU10A	0.40	63.0	Pg	07:11:37.509	1.2	T__									221.2		ML	1.8	201954	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.40	63.0	Lg	07:11:42.121	-1.1	T__													201953	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																											
(Station ML: 1.8 magdef=1)																											
BUD	0.41	116.1	Lg	07:11:41.563	-1.9	T__													201952	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	0.45	238.7	Lg	07:11:43.289	-1.2	T__													201955	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VVHS	0.86	15.7	Lg	07:11:57.592	-0.4	T__													201942	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.96	76.5	Lg	07:12:00.591	-1.5	T__													201956	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.98	74.5	Lg	07:12:01.713	-1.6	T__													201957	FDSN	GE	--	BUD	iLoc	HHN	???	_
MODS	1.08	311.7	Sn	07:12:03.823	-2.0	T__													201943	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	1.45	70.8	Pn	07:11:55.327	0.1	T__									31.7		ML	1.8	201945	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.45	70.8	Sn	07:12:16.810	1.9	T__													201948	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																											
(Station ML: 1.8 magdef=1)																											
MORH	1.45	175.7	Sn	07:12:14.180	-0.8	T__													201944	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	1.61	58.1	Sn	07:12:19.986	1.1	T__													201949	FDSN	ZJ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/27	08:50:30.85	1.03	0.58	48.5525	20.8063	6.5	4.9	25	0.0f		14	9	130	0.19	1.31	sx	BUD	18001818	BUD			201

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	18001818

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	252.3	Pg	08:50:35.209	0.4					T__		360.4			ML	1.4	201995	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	252.3	Lg	08:50:37.555	-0.3					T__						201994	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.22	252.1	Pg	08:50:35.714	0.2					T__		870.5			ML	1.9	201993	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	252.1	Lg	08:50:39.558	0.4					T__						202000	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ABAH	0.39	131.5	Lg	08:50:45.059	-0.5					T__						202001	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	203.7	Pg	08:50:41.692	0.9					T__		59.0			ML	1.4	201996	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	203.7	Lg	08:50:47.963	-0.5					T__						202002	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.88	224.2	Pg	08:50:49.205	-0.2					T__		53.1			ML	1.7	202004	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	224.2	Lg	08:51:01.342	-1.3					T__						202003	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

ET1H	0.92	223.2	Lg	08:51:03.279	-0.3	T__	---	202005	FDSN	HU	--	BUD	iLoc	HHN	???	_			
NIE	0.93	339.1	Lg	08:51:01.395	-0.2	T__	---	201997	FDSN	PL	--	BUD	iLoc	BHE	???	_			
TRPA	1.23	109.4	Sn	08:51:12.391	-0.2	T__	---	202006	FDSN	HU	--	BUD	iLoc	HHN	???	_			
VYHS	1.31	268.2	Pn	08:50:56.379	-0.1	T__	16.1	---	ML	1.4	201998	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	268.2	Sn	08:51:14.342	-0.3	T__	---	201999	FDSN	SK	--	BUD	iLoc	HHN	???	_			

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/27	10:07:23.24	0.79	1.11	48.7842	21.6089	6.2	3.6	157	0.0f	18	11	93	0.46	1.60	sx	BUD	18001820	BUD				151

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	7 BUD	18001820

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOLS	0.46	71.0	Pg	10:07:31.962	-0.3					T__						202055	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.46	71.0	Lg	10:07:38.678	-1.3					T__						202054	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	0.55	206.8	Lg	10:07:43.420	-0.0					T__						202059	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	0.77	248.3	Pg	10:07:37.383	-1.0					T__	115.6					202050	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	248.3	Lg	10:07:48.550	-1.3					T__						202051	FDSN	ZJ	--	BUD	iLoc	HHN	???	_

(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1)

KECS	0.80	248.4	Pg	10:07:39.811	0.6					T__	282.5					202049	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.80	248.4	Lg	10:07:50.540	-0.6					T__						202060	FDSN	SK	--	BUD	iLoc	EHN	???	_

(Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=0)

TRPA	0.90	136.2	Pg	10:07:40.863	0.2					T__	138.5					202053	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.90	136.2	Lg	10:07:54.991	-0.3					T__						202061	FDSN	HU	--	BUD	iLoc	HHN	???	_

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

HU02A	0.98	227.8	Pg	10:07:42.076	-1.2					T__	116.7					202048	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	227.8	Lg	10:07:56.771	-1.3					T__						202064	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

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

NIE	1.07	306.9	Pg	10:07:43.743	0.3					T__	27.9					202063	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.07	306.9	Lg	10:07:57.095	-2.2					T__						202062	FDSN	PL	--	BUD	iLoc	BHN	???	_

(Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=0)

KWP	1.11	39.9	Pg	10:07:44.585	0.3					T__	83.1					202056	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_
-----	------	------	----	--------------	-----	--	--	--	--	-----	------	--	--	--	--	--------	------	----	----	-----	------	-----	-----	---

(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1)

PSZ	1.43	233.5	Pn	10:07:51.544	1.0					T__	62.5					202052	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.43	233.5	Sn	10:08:10.446	0.3					T__						202065	FDSN	GE	--	BUD	iLoc	HHN	???	_

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

ET1H	1.47	232.7	Sn	10:08:12.016	1.0					T__						202057	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU03A	1.60	237.4	Sn	10:08:15.738	1.5					T__						202058	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/04/27	11:10:54.81	3.75	0.42	48.5118	20.8353	21.5	9.7	67	0.0f	8	5	302	0.20	0.90	sx	BUD	18001822	BUD					320

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 3 BUD 18001822

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.20	265.5	Pg	11:10:59.008	0.0					T__		160.7		---	ML	1.1	202147	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	265.5	Lg	11:11:02.366	0.1					T__				---		202151	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.23	263.1	Pg	11:10:59.554	-0.2					T__		405.9		---	ML	1.6	202149	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.23	263.1	Lg	11:11:03.762	0.3					T__				---		202148	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.44	208.1	Lg	11:11:11.949	0.5					T__				---		202152	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.87	227.0	Pg	11:11:13.071	-0.0					T__		43.3		---	ML	1.6	202150	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	227.0	Lg	11:11:25.401	-0.7					T__				---		202153	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.90	225.9	Lg	11:11:26.865	-0.1					T__				---		202154	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  
 2022/04/28 01:26:09.68 1.25 1.01 46.1647 19.1601 9.5 4.3 168 10.0f 6 3 211 0.16 0.43 ke BUD 18001826 BUD 286

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 3 BUD 18001826

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU22A	0.16	353.0	Pg	01:26:14.237	0.6					T__		387.0		_d	ML	1.3	202219	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.16	353.0	Lg	01:26:16.296	-0.7					T__				---		202220	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.36	278.1	Pg	01:26:17.771	0.6					T__		28.5		---	ML	0.8	202221	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.36	278.1	Lg	01:26:21.788	-1.1					T__				---		202223	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
HU21A	0.43	66.7	Pg	01:26:18.940	0.4					T__		89.1		---	ML	1.4	202222	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.43	66.7	Lg	01:26:24.927	-0.7					T__				---		202224	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/04/28 06:49:46.92 0.91 0.59 48.4081 17.2995 5.8 3.0 117 0.0f 10 6 118 0.04 1.08 sx BUD 18001828 BUD 174

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.04	203.1	Pg	06:49:48.053	-0.3					T__				_c		202249	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	203.1	Lg	06:49:49.619	-0.2					T__				---		202252	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.51	28.5	Pg	06:49:57.985	0.3					T__		78.9		---	ML	1.6	202250	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.51	28.5	Lg	06:50:05.530	-0.5					T__				---		202254	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KRUC 0.89 317.9 Pg 06:50:03.971 0.0 T__ 39.7 ___ ML 1.6 202256 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.89 317.9 Lg 06:50:16.186 -0.9 T__ ___ 202255 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 0.98 223.9 Pg 06:50:06.633 0.3 T__ ___ 202251 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.98 223.9 Lg 06:50:20.132 1.0 T__ ___ 202257 FDSN OE -- BUD iLoc HHN ??? _
VYHS 1.03 84.6 Lg 06:50:22.424 -0.0 T__ ___ 202253 FDSN SK -- BUD iLoc HHN ??? _
CONA 1.08 244.0 Lg 06:50:22.290 0.2 T__ ___ 202258 FDSN OE -- BUD iLoc HHE ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/28	07:03:09.27	1.32	0.98	47.7452	19.0537	8.6	4.7	177	0.0f	7	6	180	0.10	1.06	sx	BUD	18001830	BUD				270

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.10 346.7 Pg 07:03:12.632 0.8 T__ 1497.3 ___ ML 1.8 202280 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.10 346.7 Lg 07:03:12.946 -1.2 T__ ___ 202281 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU03A 0.40 66.5 Lg 07:03:24.275 -0.0 T__ ___ 202282 FDSN ZJ 00 BUD iLoc HHN ??? _
HU09A 0.47 257.0 Lg 07:03:26.238 -0.7 T__ ___ 202283 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 0.57 76.0 Lg 07:03:29.640 -0.5 T__ ___ 202277 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.59 72.7 Lg 07:03:30.667 -0.8 T__ ___ 202278 FDSN GE -- BUD iLoc HHE ??? _
HU02A 1.06 68.6 Sn 07:03:46.372 -0.5 T__ ___ 202279 FDSN ZJ 00 BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/28	07:29:44.60	0.87	0.87	48.4906	19.1170	6.5	3.2	4	0.0f	12	10	107	0.19	1.23	sx	BUD	18001832	BUD				157

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 3 BUD 18001832

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.19 271.2 Pg 07:29:48.862 0.2 T__ 68.2 ___ ML 0.7 202311 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.19 271.2 Lg 07:29:51.505 -0.2 T__ ___ 202312 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A338A 0.70 227.3 Lg 07:30:10.341 0.2 T__ ___ 202316 FDSN Z3 00 BUD iLoc HH2 ??? _
PSZ 0.77 137.5 Lg 07:30:12.292 -0.5 T__ ___ 202317 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.79 140.2 Lg 07:30:12.805 -0.2 T__ ___ 202318 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.91 90.0 Lg 07:30:15.089 -1.2 T__ ___ 202307 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.95 89.2 Pg 07:30:04.875 1.5 T__ 47.8 ___ ML 1.7 202309 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.95 89.2 Lg 07:30:16.039 -1.4 T__ ___ 202308 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 1.01 110.9 Pg 07:30:05.440 0.1 T__ 35.6 ___ ML 1.6 202310 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JAVC 1.03 291.6 Lg 07:30:20.574 -0.5 T__ ___ 202313 FDSN CZ -- BUD iLoc HHN ??? _

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NIE	1.21	39.6	Lg	07:30:25.193	0.3	T__	---	202314	FDSN	PL	--	BUD	iLoc	BHN	???	_
MODS	1.23	265.2	Sn	07:30:25.912	-0.5	T__	---	202315	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
2022/04/28	07:59:17.91	0.81	0.55	47.7894	19.0946	11.4	3.1	19	0.0A	0.0	16	9	237	0.08	1.43	m	kx BUD	18001834	BUD			360
2022/04/28	07:59:17.03	0.88	0.74	47.8327	19.1394f				0.0f		16	9	194	0.08	1.42		kx BUD_GT	18001835	BUD_GT			232
(locality : Sejce-Vác Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	8 BUD	18001835

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	07:59:19.709	0.5					T__		2295.9		---	ML	1.9	202355	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	07:59:20.145	-1.1					T__				---		202360	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.32	76.9	Pg	07:59:24.841	0.8					T__		116.6		---	ML	1.3	202356	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	07:59:28.973	-0.2					T__				---		202361	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ET1H	0.50	84.3	Pg	07:59:27.305	-0.4					T__		59.0		---	ML	1.4	202357	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	07:59:34.670	-0.8					T__				---		202362	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.52	80.1	Pg	07:59:28.771	0.5					T__		44.9		---	ML	1.4	202363	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	07:59:36.778	0.2					T__				---		202364	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VYHS	0.69	343.1	Pg	07:59:31.186	0.0					T__		14.7		---	ML	1.1	202365	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	07:59:41.355	-0.1					T__				---		202366	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU02A	0.98	72.2	Pg	07:59:37.570	0.4					T__		37.0		---	ML	1.6	202358	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	07:59:51.531	-1.1					T__				---		202367	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	1.11	53.7	Pg	07:59:39.850	0.7					T__		113.5		---	ML	2.2	202369	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Sn	07:59:54.221	-1.7					T__				---		202368	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	1.15	54.2	Pg	07:59:40.034	0.2					T__		33.3		---	ML	1.7	202359	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JAVC	1.42	316.9	Sn	08:00:04.661	-0.2					T__				---		202370	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/04/28	08:13:13.08	0.54	0.63	48.0620	20.7034	6.6	4.1	154	0.0A	0.0	10	5	195	0.13	0.59	m	kx BUD	18001836	BUD				360
2022/04/28	08:13:11.51	0.93	0.61	48.0471	20.6805f				0.0f		10	5	196	0.13	0.57		kx BUD_GT	18001837	BUD_GT				264
(locality : Miskolc-Mexikóvölgy Hungary)																							



(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.0 5 BUD 18001837

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	08:13:14.679	-0.1					T__		438.1		_c	ML	1.3	202434	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	08:13:16.886	-0.6					T__				---		202428	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
ABAH	0.45	56.1	Pg	08:13:21.133	0.4					T__		66.3		---	ML	1.4	202432	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	08:13:27.230	-1.4					T__				---		202435	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	0.46	343.5	Pg	08:13:21.212	0.4					T__		97.2		---	ML	1.6	202436	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	343.5	Lg	08:13:27.613	-0.3					T__				---		202429	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
JOS	0.46	348.2	Pg	08:13:20.979	0.2					T__		52.4		---	ML	1.3	202431	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	08:13:27.613	-0.3					T__				---		202430	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
ET1H	0.57	253.1	Pg	08:13:24.290	0.6					T__		25.7		---	ML	1.2	202437	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.57	253.1	Lg	08:13:32.799	0.4					T__				---		202433	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/04/28 08:28:22.76 0.89 1.52 48.5120 17.4800 4.8 3.2 134 0.0f 11 7 133 0.19 1.23 sx BUD 18001838 BUD 204

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 3 BUD 18001838

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.19	224.3	Pg	08:28:26.586	-0.6					T__				---		202469	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	224.3	Lg	08:28:28.447	-2.5					T__				---		202471	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.37	19.9	Pg	08:28:29.769	-0.9					T__		133.6		---	ML	1.5	202470	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	19.9	Lg	08:28:35.350	-1.6					T__				---		202472	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
VYHS	0.90	90.6	Pg	08:28:41.865	0.9					T__		15.1		---	ML	1.2	202474	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.90	90.6	Lg	08:28:54.350	0.3					T__				---		202473	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KRUC	0.90	307.9	Pg	08:28:40.817	0.7					T__		38.3		---	ML	1.6	202476	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.90	307.9	Lg	08:28:54.085	0.7					T__				---		202475	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
VRAC	0.99	324.1	Lg	08:28:57.321	1.3					T__				---		202477	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.14	224.7	Lg	08:29:01.833	1.8					T__				---		202478	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.23	242.2	Lg	08:29:04.050	1.2					T__				---		202479	FDSN	OE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/28	08:48:01.14	0.81	0.39	47.7025	16.1386	5.6	4.0	10	10.6	6.2	12	7	129	0.11	1.66	ke	BUD	18001840	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	18001840

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	91.5	Pg	08:48:04.298	0.1				T__							202511	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.11	91.5	Lg	08:48:06.159	-0.3				T__							202510	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.28	93.7	Pg	08:48:07.403	0.2				T__			228.8		_c_	ML	1.4	202512	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	93.7	Lg	08:48:11.150	-0.2				T__							202513	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CONA	0.29	320.5	Pg	08:48:07.519	0.1				T__			69.4		___	ML	1.0	202508	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	320.5	Lg	08:48:11.933	0.2				T__					___		202509	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ARSA	0.62	222.9	Pg	08:48:13.011	-0.2				T__			59.0		___	ML	1.6	202515	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.62	222.9	Lg	08:48:21.300	0.2				T__					___		202514	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KRUC	1.37	7.1	Pn	08:48:26.509	0.2				T__			42.0		___	ML	1.9	202517	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.37	7.1	Sn	08:48:44.217	-0.2				T__					___		202516	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
VRAC	1.64	10.5	Sn	08:48:50.812	-0.2				T__					___		202519	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.66	313.1	Lg	08:48:53.276	-0.9				T__					___		202518	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/28	08:52:44.73	1.02	0.17	46.1503	18.3025	10.5	3.7	157	0.0f		5	3	171	0.15	0.38	sx	BUD	18001842	BUD			281

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	246.3	Pg	08:52:48.502	0.0				T__			468.9		___	ML	1.4	202541	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	246.3	Lg	08:52:51.467	-0.0				T__					___		202544	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.25	74.6	Pg	08:52:50.299	0.1				T__			218.6		___	ML	1.3	202542	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	74.6	Lg	08:52:54.418	-0.2				T__					___		202545	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.38	356.0	Lg	08:52:58.973	-0.0				T__					___		202543	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/28	09:02:28.10	0.77	0.59	47.3434	18.3888	5.3	4.5	101	0.0f		14	10	109	0.09	1.64	sx	BUD	18001844	BUD			127

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	18001844

Sta	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	282.8	Pg	09:02:30.628	0.1					T__		4087.0		---	ML	2.2	202576	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	282.8	Lg	09:02:32.617	-0.4					T__				---		202575	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU09A	0.30	359.2	Lg	09:02:39.854	-0.1					T__				---		202574	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	285.7	Lg	09:02:41.171	0.2					T__				---		202583	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.47	353.8	Lg	09:02:46.432	0.3					T__				---		202584	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ET1H	1.14	61.3	Pn	09:02:50.876	-0.4					T__		38.2		---	ML	1.7	202579	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.14	61.3	Sn	09:03:07.583	-0.0					T__				---		202585	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MORH	1.14	171.1	Lg	09:03:07.198	-0.1					T__				---		202582	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.17	60.0	Pn	09:02:51.390	-0.4					T__		59.3		---	ML	1.9	202581	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.17	60.0	Sn	09:03:08.327	-0.2					T__				---		202580	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
VYHS	1.19	14.5	Pn	09:02:52.313	0.3					T__		14.0		---	ML	1.3	202578	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.19	14.5	Sn	09:03:07.917	-1.0					T__				---		202577	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOVH	1.27	189.1	Sn	09:03:11.227	0.4					T__				---		202586	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	1.64	60.8	Sn	09:03:21.438	1.4					T__				---		202587	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/28	09:21:46.15	0.83	0.96	48.5233	20.8748	5.4	3.3	10	0.0f		18	10	88	0.22	1.36	sx	BUD	18001846	BUD			156

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	9 BUD	18001846

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.22	263.1	Pg	09:21:50.665	-0.2					T__		231.5		---	ML	1.3	202636	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.22	263.1	Lg	09:21:55.630	1.1					T__				---		202637	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.26	261.3	Pg	09:21:51.492	-0.1					T__		568.2		---	ML	1.8	202630	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.26	261.3	Lg	09:21:56.484	0.7					T__				---		202629	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.33	133.0	Pg	09:21:53.969	0.9					T__		115.0		---	ML	1.3	202632	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.33	133.0	Lg	09:21:59.101	0.1					T__				---		202631	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU02A	0.46	210.3	Pg	09:21:56.298	0.3					T__		95.6		---	ML	1.6	202638	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	210.3	Lg	09:22:03.746	0.2					T__				---		202639	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.89	227.6	Pg	09:22:05.260	0.3					T__		60.1		---	ML	1.8	202633	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	227.6	Lg	09:22:19.580	1.2					T__				---		202634	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

ET1H	0.93	226.5	Pg	09:22:05.966	0.4	T__	40.3	___	ML	1.6	202642	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.93	226.5	Lg	09:22:20.196	1.0	T__		---			202635	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
NIE	0.97	337.3	Pg	09:22:05.767	1.3	T__	34.7	___	ML	1.6	202640	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
KOLS	1.01	65.6	Lg	09:22:19.770	-1.6	T__		---			202641	FDSN	SK	--	BUD	iLoc	HHN	???	_
TRPA	1.18	108.9	Pg	09:22:08.819	-0.1	T__	93.4	---	ML	2.1	202646	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.18	108.9	Sn	09:22:24.935	-1.7	T__		---			202645	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
VVHS	1.36	269.5	Pn	09:22:11.213	-1.1	T__	12.8	---	ML	1.4	202644	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	1.36	269.5	Sn	09:22:30.524	-0.5	T__		---			202643	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/28	09:40:11.25	0.39	0.57	47.2390	18.2449	5.6	3.4	91	0.0A	0.0	10	8	126	0.12	1.32	m	kx	BUD	18001848	BUD		360
2022/04/28	09:40:09.09	0.99	0.81	47.2302	18.2835f				0.0f		10	8	123	0.13	1.32		kx	BUD_GT	18001849	BUD_GT		166
(locality : Iszkaszentgyörgy Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.13	353.3	Pg	09:40:12.972	0.6					T__		340.6		---	ML	1.2	202703	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:40:14.871	-0.7					T__				---		202709	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU08A	0.32	309.6	Lg	09:40:21.044	-0.6					T__				---		202710	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.41	9.3	Lg	09:40:23.762	-1.4					T__				---		202705	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.05	166.2	Lg	09:40:45.289	0.1					T__				---		202711	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.15	186.4	Sn	09:40:48.327	-0.2					T__				---		202712	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.26	58.3	Sn	09:40:52.688	1.2					T__				---		202706	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.29	57.1	Sn	09:40:53.471	0.6					T__				---		202704	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VVHS	1.32	16.2	Pg	09:40:36.012	0.3					T__	17.9			---	ML	1.5	202708	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	1.32	16.2	Sn	09:40:52.539	-1.0					T__				---		202707	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/28	09:42:59.73	1.43	0.63	48.5446	20.7850	10.4	3.8	10	0.0f		12	7	220	0.17	1.30		sx	BUD	18001850	BUD		293

Magnitude Err Nsta Author OrigID  
ML 1.5 0.0 5 BUD 18001850

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.17	253.5	Pg	09:43:03.477	0.1					T__		539.2		---	ML	1.5	202741	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	253.5	Lg	09:43:07.006	0.8					T__				---		202742	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.21 253.0 Pg 09:43:03.900 -0.2 T__ 1693.0 ___ ML 2.1 202743 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 253.0 Lg 09:43:07.929 0.4 T__ ___ 202747 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
ABAH 0.39 129.2 Pg 09:43:07.750 -0.1 T__ 83.8 ___ ML 1.3 202745 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 129.2 Lg 09:43:15.038 0.4 T__ ___ 202746 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.46 202.4 Pg 09:43:09.854 0.4 T__ 48.5 ___ ML 1.3 202744 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 202.4 Lg 09:43:16.731 -0.1 T__ ___ 202748 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
PSZ 0.86 223.9 Lg 09:43:29.484 -1.5 T__ ___ 202749 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.90 222.9 Pg 09:43:18.665 0.0 T__ ___ ML 1.5 202751 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.90 222.9 Lg 09:43:31.804 -0.1 T__ ___ 202750 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 1.30 268.5 Sn 09:43:42.732 -0.4 T__ ___ 202752 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
2022/04/28 10:14:06.22 0.89 1.00 48.2293 21.2064 6.6 4.4 11 0.0f 18 11 78 0.07 1.99 sx BUD 18001852 BUD 105

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 7 BUD 18001852

```

```

Sta 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 18.4 Pg 10:14:07.981 -0.2 T__ 27593.9 ___ ML 2.9 202794 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.07 18.4 Lg 10:14:08.428 -1.7 T__ ___ 202798 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
HU02A 0.47 257.0 Pg 10:14:16.860 0.7 T__ 78.8 ___ ML 1.5 202795 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.47 257.0 Lg 10:14:22.671 -1.2 T__ ___ 202799 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
JOS 0.52 301.2 Pg 10:14:17.219 0.6 T__ 86.9 ___ ML 1.7 202796 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 301.2 Lg 10:14:24.442 -0.2 T__ ___ 202800 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.54 298.1 Lg 10:14:25.109 -0.4 T__ ___ 202801 FDSN SK -- BUD iLoc EHN ??? _
TRPA 0.90 95.8 Pg 10:14:24.365 0.7 T__ ___ ML 2.0 202803 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.90 95.8 Lg 10:14:36.016 -2.4 T__ ___ 202802 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.93 251.0 Pg 10:14:26.469 0.6 T__ 71.7 ___ ML 1.9 202804 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.93 251.0 Lg 10:14:38.634 -1.3 T__ ___ 202805 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.96 249.1 Pg 10:14:26.740 0.4 T__ 49.3 ___ ML 1.7 202797 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.96 249.1 Lg 10:14:40.789 0.3 T__ ___ 202807 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1

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```

(Station ML: 1.7 magdef=1
KOLS 1.00 44.8 Lg 10:14:40.738 -0.7 T__
VYHS 1.60 280.4 Sn 10:14:57.624 0.4 T__
DRGR 1.76 144.1 Pg 10:14:40.687 -0.1 T__ 35.9 --- ML 2.0 202810 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.76 144.1 Sn 10:15:01.525 0.3 T__ --- 202809 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
SIRR 1.99 170.9 Lg 10:15:11.995 -0.5 T__ --- 202811 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/28 10:47:56.09 1.11 0.31 46.0891 22.0637 7.1 6.4 10 0.0f 6 4 111 0.33 0.86 sx BUD 18001854 BUD 201

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SIRR 0.33 302.6 Pg 10:48:03.454 0.2 T__ 70.8 --- ML 1.1 202843 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.33 302.6 Lg 10:48:08.468 -0.4 T__ --- 202841 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
BZS 0.57 213.6 Lg 10:48:15.283 -0.2 T__ --- 202844 FDSN RO -- BUD iLoc HHN ??? _
DRGR 0.83 32.3 Pg 10:48:12.882 0.1 T__ 37.3 --- ML 1.5 202840 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.83 32.3 Lg 10:48:25.162 -0.2 T__ --- 202845 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
GZR 0.86 144.1 Lg 10:48:24.379 -0.1 T__ --- 202842 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/28 10:58:12.34 1.12 0.90 47.9135 16.1110 7.7 4.2 34 0.0f 7 5 140 0.17 1.16 sx BUD 18001856 BUD 234

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.17 275.1 Pg 10:58:15.577 -0.3 T__ 240.9 --- ML 1.1 202864 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.17 275.1 Lg 10:58:17.989 -0.5 T__ --- 202865 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
RONA 0.25 149.6 Pg 10:58:17.309 -0.2 T__ --- 202867 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.25 149.6 Lg 10:58:21.210 0.0 T__ --- 202866 FDSN OE -- BUD iLoc HHE ??? _
AO18A 0.72 256.7 Lg 10:58:36.632 1.4 T__ --- 202868 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.77 211.2 Lg 10:58:37.559 0.5 T__ --- 202869 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.16 9.2 Lg 10:58:52.719 0.8 T__ --- 202870 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/04/28 11:08:43.48 1.14 0.75 48.6521 21.4556 8.3 4.9 2 0.0f 12 8 106 0.38 2.05 sx BUD 18001858 BUD 169

```

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 6 BUD 18001858

```

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

```

ABAH	0.38	202.0	Pg	11:08:51.740	0.3	T__	78.4	___	ML	1.3	202904	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.3 magdef=1)															
				(Station ML: 1.3 magdef=0)															
KOLS	0.61	62.2	Lg	11:09:05.182	-0.1	T__		---			202905	FDSN	SK	--	BUD	iLoc	HHN	???	_
JOS	0.63	255.9	Pg	11:08:56.047	0.0	T__	46.2	---	ML	1.5	202897	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	255.9	Lg	11:09:06.056	0.6	T__		---			202906	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1)															
				(Station ML: 1.5 magdef=1)															
KECS	0.67	255.7	Pg	11:08:56.663	-0.1	T__	101.7	---	ML	1.9	202898	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.67	255.7	Lg	11:09:06.877	0.1	T__		---			202907	FDSN	SK	--	BUD	iLoc	EHN	???	_
				(Reading ML: 1.9 magdef=1)															
				(Station ML: 1.9 magdef=1)															
HU02A	0.82	229.8	Pg	11:08:59.846	-0.5	T__	50.8	---	ML	1.7	202899	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.82	229.8	Lg	11:09:11.702	-1.2	T__		---			202902	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 1.7 magdef=1)															
				(Station ML: 1.7 magdef=1)															
TRPA	0.89	125.5	Pg	11:09:00.667	-0.1	T__	80.8	---	ML	1.9	202901	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	125.5	Lg	11:09:14.011	-1.3	T__		---			202900	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.9 magdef=1)															
				(Station ML: 1.9 magdef=1)															
NIE	1.08	315.7	Lg	11:09:20.319	0.3	T__		---			202908	FDSN	PL	--	BUD	iLoc	BHN	???	_
DRGR	2.05	155.1	Pg	11:09:23.998	1.0	T__	44.2	---	ML	2.3	202903	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.3 magdef=1)															
				(Station ML: 2.3 magdef=0)															

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/28	12:02:46.02	1.35	1.14	48.7389	20.1702	9.7	5.7	91	0.0f		10	7	173	0.33	0.88	sx	BUD	18001860	BUD			288

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BUD	18001860

Sta	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	0.33	140.6	Pg	12:02:53.504	0.7					T__		988.8		---	ML	2.2	202942	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.33	140.6	Lg	12:02:56.516	-1.4					T__				---		202943	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
JOS	0.35	134.7	Pg	12:02:53.937	0.9					T__		72.2		---	ML	1.1	202940	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.35	134.7	Lg	12:02:57.478	-0.9					T__				---		202941	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
HU02A	0.66	158.9	Pg	12:03:00.596	0.8					T__		31.5		---	ML	1.4	202948	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.66	158.9	Lg	12:03:08.731	-1.4					T__				---		202947	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
NIE	0.69	7.1	Lg	12:03:07.562	-1.2					T__				---		202945	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	0.84	121.5	Lg	12:03:15.655	0.1					T__				---		202946	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.84	192.7	Lg	12:03:15.829	-0.6					T__				---		202949	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.88	193.2	Lg	12:03:16.661	-0.7					T__				---		202944	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/04/29 05:52:46.89 1.39 0.81 48.3108 21.5038 13.7 7.1 173 0.0f 9 7 144 0.18 1.18 sx BUD 18001866 BUD 210

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.18	265.3	Pg	05:52:51.341	0.4					T__		419.8		---	ML	1.4	203070	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	265.3	Lg	05:52:54.093	-0.4					T__				---		203071	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.67	286.4	Pg	05:53:00.586	0.3					T__		38.2		---	ML	1.5	203072	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	286.4	Lg	05:53:10.013	-0.4					T__				---		203075	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.68	254.3	Lg	05:53:10.519	-1.3					T__				---		203073	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.70	284.6	Lg	05:53:11.505	0.0					T__				---		203076	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.72	104.2	Lg	05:53:12.976	-0.1					T__				---		203074	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.81	39.0	Lg	05:53:14.200	-1.2					T__				---		203077	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	1.18	249.1	Sn	05:53:26.923	-0.4					T__				---		203078	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  
 2022/04/29 07:23:02.54 1.39 0.81 46.1044 18.0643 13.5 4.0 154 0.0f 6 3 211 0.03 0.42 sx BUD 18001868 BUD 311

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.2 3 BUD 18001868

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	123.1	Pg	07:23:04.283	0.4					T__		693.4		---	ML	1.2	203098	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	123.1	Lg	07:23:04.790	-0.5					T__				---		203101	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A273A	0.26	222.7	Pg	07:23:08.501	0.3					T__		706.3		---	ML	1.9	203099	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.26	222.7	Lg	07:23:11.496	-0.7					T__				---		203102	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORH	0.42	74.4	Pg	07:23:11.697	0.4					T__		41.9		---	ML	1.1	203100	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.42	74.4	Lg	07:23:17.221	-0.9					T__				---		203103	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/04/29 08:03:10.99 0.21 0.90 47.8907 19.4257 3.7 1.9 165 0.0A 0.0 24 17 74 0.12 1.64 m kx BUD 18001870 BUD 360  
 2022/04/29 08:03:08.69 0.82 1.10 47.8920 19.4049f 0.0f 24 17 72 0.13 1.64 kx BUD\_GT 18001871 BUD\_GT 143

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

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.3 7 BUD 18001871

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.13	84.8	Pg	08:03:12.926	1.1					T__		1609.6		---	ML	1.9	203155	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_



HU03A	0.13	84.8	Lg	08:03:14.281	-0.2	T__								203157	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
HU10A	0.26	259.9	Lg	08:03:19.434	0.2	T__								203159	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	0.31	92.2	Pg	08:03:15.048	-0.6	T__	111.3							203158	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	92.2	Lg	08:03:20.148	-0.7	T__								203154	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																						
(Station ML: 1.2 magdef=1)																						
PSZ	0.33	85.2	Pg	08:03:15.556	-0.6	T__	192.7							203153	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	85.2	Lg	08:03:20.795	-1.1	T__								203152	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																						
(Station ML: 1.5 magdef=1)																						
HU01A	0.57	165.0	Lg	08:03:28.893	-1.0	T__								203160	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VYHS	0.71	327.9	Pn	08:03:24.881	-0.2	T__	20.4							203156	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.71	327.9	Lg	08:03:34.470	0.7	T__								203162	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																						
(Station ML: 1.2 magdef=0)																						
A338A	0.72	280.3	Lg	08:03:34.108	-1.0	T__								203161	FDSN	Z3	00	BUD	iLoc	HH2	???	_
HU09A	0.73	250.2	Lg	08:03:34.152	-1.5	T__								203163	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.79	72.6	Pn	08:03:25.974	-0.0	T__	56.0							203151	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	72.6	Lg	08:03:37.383	-0.0	T__								203150	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
KECS	0.93	50.3	Pn	08:03:30.020	2.1	T__	104.2							203147	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.93	50.3	Lg	08:03:41.469	0.1	T__								203165	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=0)																						
CSKK	0.94	236.1	Lg	08:03:42.684	0.1	T__								203164	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	0.97	51.1	Pg	08:03:28.159	0.2	T__	68.4							203148	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.97	51.1	Lg	08:03:41.591	-1.5	T__								203149	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
HU08A	1.10	245.8	Sn	08:03:46.342	-1.1	T__								203166	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	1.29	71.1	Lg	08:03:53.395	-0.7	T__								203167	FDSN	HU	--	BUD	iLoc	HHN	???	_
MPLH	1.46	240.9	Lg	08:04:00.756	2.5	T__								203168	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.50	289.5	Sn	08:03:59.648	1.8	T__								203169	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	1.64	20.9	Sn	08:04:02.507	1.2	T__								203170	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
2022/04/29	08:40:48.42	0.88	1.38	48.8983	21.8455	7.7	3.8	164	0.0f		15	9	145	0.28	1.66	sx	BUD	18001874	BUD			211

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	18001874

Sta	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	0.28	82.8	Pg	08:40:54.720	0.6					T__						203332	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.28	82.8	Lg	08:40:58.503	-0.6					T__						203334	FDSN	SK	--	BUD	iLoc	HHE	???	_
ABAH	0.72	213.9	Pg	08:41:03.438	0.6					T__		64.3			1.7	203327	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.72	213.9	Lg	08:41:12.886	-1.9					T__						203340	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
TRPA	0.90	148.8	Pg	08:41:05.704	-0.1					T__		143.0			2.2	203331	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

TRPA	0.90	148.8	Lg	08:41:18.287	-1.9	T__									203335	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=0)																							
JOS	0.95	245.5	Pg	08:41:08.172	0.9	T__	30.9								203328	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.95	245.5	Lg	08:41:20.168	-1.3	T__									203341	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
KECS	0.99	245.8	Pg	08:41:08.698	0.6	T__	104.4								203330	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.99	245.8	Lg	08:41:22.333	-0.5	T__									203336	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							
NIE	1.14	297.7	Pg	08:41:09.507	-0.4	T__	18.7								203333	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=0)																							
HU02A	1.17	229.0	Pn	08:41:11.449	-0.7	T__	23.3								203329	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.17	229.0	Sn	08:41:27.269	-1.6	T__									203337	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
PSZ	1.63	233.7	Sn	08:41:41.913	1.8	T__									203338	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.66	233.0	Sn	08:41:43.229	2.3	T__									203339	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
2022/04/29	10:06:03.76	0.86	1.46	47.6302	16.5611	4.5	3.8	140	0.0f	13	9	77	0.05	1.44	sx	BUD	18001876	BUD				140

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	3 BUD	18001876

Sta	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	0.05	358.0	Pg	10:06:04.612	-0.6					T__		6422.7		_c_	ML	2.3	203376	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.05	358.0	Lg	10:06:05.861	-0.7					T__						203381	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
RONA	0.19	291.3	Pg	10:06:06.898	-1.0					T__						203378	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.19	291.3	Lg	10:06:09.426	-1.5					T__						203377	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A260A	0.36	164.2	Lg	10:06:15.854	-0.8					T__						203382	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CONA	0.56	302.6	Pg	10:06:15.490	0.6					T__	44.1					203380	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.56	302.6	Lg	10:06:21.726	-0.6					T__						203379	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ARSA	0.80	242.0	Lg	10:06:29.124	-0.2					T__						203383	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.89	32.6	Lg	10:06:33.494	-2.1					T__						203384	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU08A	0.94	101.7	Lg	10:06:36.083	-1.4					T__						203385	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A018A	1.01	277.0	Lg	10:06:36.083	0.1					T__						203386	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
JAVC	1.44	30.7	Pn	10:06:33.064	1.9					T__	60.9					203387	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	1.44	30.7	Sn	10:06:53.132	2.4					T__						203388	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/04/29	22:51:25.44	0.90	0.70	48.0525	20.7516	4.8	3.4	151	3.5	9.6	20	14	87	0.17	1.83	ke	BUD	18001878	BUD				101

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.2 6 BUD 18001878

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.17	294.7	Pg	22:51:29.420	0.1					T__		139.4		_c_	ML	0.9	203470	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.17	294.7	Lg	22:51:32.442	0.1					T__				---		203471	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ABAH	0.41	53.1	Pg	22:51:33.621	0.0					T__		33.9		---	ML	1.0	203465	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	53.1	Lg	22:51:39.826	-0.6					T__				---		203472	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.47	342.4	Pg	22:51:34.986	0.3					T__		35.3		---	ML	1.1	203463	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	342.4	Lg	22:51:41.353	-0.4					T__				---		203473	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.47	337.7	Pg	22:51:35.188	0.4					T__		84.5		---	ML	1.5	203461	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.47	337.7	Lg	22:51:42.086	0.3					T__				---		203462	FDSN	SK	--	BUD	iLoc	EHE	???	_	
HU05A	0.56	152.4	Lg	22:51:46.770	0.5					T__				---		203468	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.59	257.2	Pg	22:51:37.950	-0.1					T__		34.9		---	ML	1.4	203464	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.59	257.2	Lg	22:51:46.400	-0.6					T__				---		203474	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.62	254.0	Pg	22:51:37.950	-0.4					T__		26.2		---	ML	1.3	203467	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.62	254.0	Lg	22:51:46.972	-0.5					T__				---		203466	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU07A	0.78	94.8	Lg	22:51:52.879	-0.4					T__				---		203469	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	0.79	259.5	Lg	22:51:53.258	0.0					T__				---		203475	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
LTVH	1.02	130.3	Sn	22:52:01.147	-0.3					T__				---		203476	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU24A	1.18	166.3	Sn	22:52:05.640	0.5					T__				---		203478	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TRPA	1.20	85.6	Sn	22:52:04.566	-1.2					T__				---		203477	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	1.40	347.8	Lg	22:52:10.822	-0.5					T__				---		203479	FDSN	PL	--	BUD	iLoc	BHN	???	_	
DRGR	1.83	132.8	Sn	22:52:23.480	1.9					T__				---		203480	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/04/30 11:27:23.84 0.80 0.65 48.6071 20.1616 3.8 3.5 10 0.0f 20 12 88 0.25 1.63 sx BUD 18001882 BUD 126

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 9 BUD 18001882

Sta	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	119.8	Pg	11:27:29.214	0.2					T__		786.1		---	ML	1.9	203637	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.25	119.8	Lg	11:27:33.122	0.1					T__				---		203647	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.27	113.8	Pg	11:27:29.662	0.2					T__		286.8		_d_	ML	1.5	203638	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.27	113.8	Lg	11:27:33.816	-0.0					T__				---		203639	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

```

(Station ML: 1.5 magdef=1
HU02A 0.54 153.3 Pg 11:27:35.678 0.4 T__ 50.9 --- ML 1.5 203636 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.54 153.3 Lg 11:27:43.676 -0.2 T__ --- 203648 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.71 194.6 Pg 11:27:38.965 -0.0 T__ 73.6 --- ML 1.8 203641 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.71 194.6 Lg 11:27:49.318 -0.5 T__ --- 203640 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.75 195.0 Pg 11:27:39.348 -0.3 T__ 36.4 --- ML 1.5 203642 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.75 195.0 Lg 11:27:50.486 -0.4 T__ --- 203651 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.78 113.0 Pg 11:27:39.440 0.1 T__ 63.4 --- ML 1.7 203643 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.78 113.0 Lg 11:27:51.746 -0.5 T__ --- 203650 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU03A 0.80 208.3 Pg 11:27:41.183 0.8 T__ 64.3 --- ML 1.8 203644 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.82 6.3 Pg 11:27:39.476 0.2 T__ 30.3 --- ML 1.4 203646 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.82 6.3 Lg 11:27:49.957 -1.0 T__ --- 203649 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 0.89 263.2 Pg 11:27:43.091 1.3 T__ 18.5 --- ML 1.3 203645 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.89 263.2 Lg 11:27:53.207 -1.4 T__ --- 203652 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU10A 1.08 225.5 Sn 11:28:01.234 -0.6 T__ --- 203653 FDSN ZJ 00 BUD iLoc HHN ??? _
KOLS 1.43 76.1 Sn 11:28:11.095 0.4 T__ --- 203654 FDSN SK -- BUD iLoc HHN ??? _
OJC 1.63 351.8 Sn 11:28:15.920 0.4 T__ --- 203655 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
2022/05/01 20:46:30.88 0.83 0.98 48.9197 22.0419 6.7 3.8 169 5.0f 16 10 150 0.15 2.01 ke BUD 18001890 BUD 207

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Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 18001890

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Sta 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 0.15 84.8 Pg 20:46:33.889 -0.2 T__ _d_ 203938 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.15 84.8 Lg 20:46:37.020 0.1 T__ --- 203943 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.82 220.8 Pg 20:46:47.218 0.3 T__ 47.4 --- ML 1.6 203939 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.82 220.8 Lg 20:46:59.059 -0.4 T__ --- 203944 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TRPA 0.86 157.1 Pg 20:46:47.419 0.1 T__ 64.0 --- ML 1.8 203937 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.86 157.1 Lg 20:46:59.214 -1.4 T__ --- 203945 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 1.08 247.5 Pg 20:46:51.071 -1.1 T__ 29.5 --- ML 1.6 203942 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.08 247.5 Lg 20:47:06.664 -0.5 T__ --- 203946 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1

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(Station ML: 1.6 magdef=1
KECS 1.12 247.6 Lg 20:47:07.818 -0.6 T__
NIE 1.25 294.2 Pg 20:46:54.978 0.6 T__ 12.3 --- ML 1.3 203949 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.25 294.2 Sn 20:47:13.457 0.8 T__ --- 203948 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU02A 1.29 232.2 Pn 20:46:55.252 -0.6 T__ 23.0 --- ML 1.6 203940 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.29 232.2 Sn 20:47:13.347 -0.3 T__ --- 203941 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LTVH 1.54 183.6 Sn 20:47:20.322 0.6 T__ --- 203950 FDSN HU -- BUD iLoc HHN ??? _
BMR 1.58 141.6 Sn 20:47:21.678 0.9 T__ --- 203951 FDSN RO -- BUD iLoc HHN ??? _
BSZH 2.01 216.9 Sn 20:47:33.859 2.5 T__ --- 203952 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
2022/05/02 08:13:06.21 1.39 1.07 48.8715 21.1256 7.9 7.4 118 0.0f 10 7 129 0.54 1.26 sx BUD 18001896 BUD 217

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Magnitude Err Nsta Author OrigID
ML 1.6 0.0 3 BUD 18001896

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.54 226.2 Pg 08:13:17.542 0.5 T__ 64.8 --- ML 1.6 204151 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.54 226.2 Lg 08:13:25.311 0.1 T__ --- 204152 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.58 227.7 Pg 08:13:18.081 0.4 T__ 103.2 --- ML 1.8 204153 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.58 227.7 Lg 08:13:26.060 -0.3 T__ --- 204154 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.58 172.5 Lg 08:13:27.665 0.1 T__ --- 204156 FDSN HU -- BUD iLoc HHN ??? _
KOLS 0.76 84.9 Lg 08:13:32.179 -0.8 T__ --- 204158 FDSN SK -- BUD iLoc HHN ??? _
NIE 0.77 315.6 Lg 08:13:31.522 -0.2 T__ --- 204157 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.85 208.3 Pg 08:13:24.878 1.2 T__ 45.8 --- ML 1.6 204155 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.85 208.3 Lg 08:13:34.993 -1.8 T__ --- 204159 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 1.26 221.2 Sn 08:13:47.302 -1.5 T__ --- 204160 FDSN GE -- BUD iLoc HHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/02 08:38:58.04 0.97 0.79 48.5527 20.7934 6.1 3.5 5 0.0f 15 10 88 0.18 1.30 sx BUD 18001898 BUD 160

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 5 BUD 18001898

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 251.4 Pg 08:39:02.136 0.3 T__ 321.9 --- ML 1.3 204193 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 251.4 Lg 08:39:05.076 0.3 T__ --- 204194 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.22 251.3 Pg 08:39:02.656 0.1 T__ 1004.1 --- ML 1.9 204196 FDSN SK -- BUD iLoc EHN EHZ _

```

KECS	0.22	251.3	Lg	08:39:05.916	-0.2	T__								204195	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=0)																						
ABAH	0.39	130.7	Pg	08:39:06.883	0.7	T__	113.4							204198	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	130.7	Lg	08:39:12.023	-1.0	T__								204200	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=1)																						
HU02A	0.47	202.7	Pg	08:39:08.253	0.3	T__	46.2							204197	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	202.7	Lg	08:39:14.881	-0.6	T__								204201	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=0)																						
PSZ	0.87	223.8	Lg	08:39:29.222	-0.4	T__								204202	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.91	222.8	Pg	08:39:17.583	0.4	T__	43.3							204199	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	222.8	Lg	08:39:29.598	-0.9	T__								204204	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
NIE	0.93	339.6	Lg	08:39:28.338	-0.3	T__								204203	FDSN	PL	--	BUD	iLoc	BHN	???	_
KOLS	1.05	68.2	Lg	08:39:32.494	-1.9	T__								204205	FDSN	SK	--	BUD	iLoc	HHN	???	_
TRPA	1.24	109.3	Sn	08:39:39.533	-0.5	T__								204206	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	1.30	268.1	Sn	08:39:41.936	0.3	T__								204207	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
2022/05/03	06:49:24.18	0.98	0.43	48.2305	19.8748	5.6	3.4	129	0.0f		13	8	126	0.31	0.91	sx	BUD	18001912	BUD			208

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18001912

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L			
PSZ	0.31	177.6	Pg	06:49:31.223	-0.0					T__		193.1			ML	1.5	204615	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	0.31	177.6	Lg	06:49:36.719	0.1					T__						204616	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.5 magdef=1)																											
(Station ML: 1.5 magdef=1)																											
ET1H	0.35	180.4	Pg	06:49:31.698	-0.2					T__	103.4				ML	1.3	204618	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ET1H	0.35	180.4	Lg	06:49:37.650	0.1					T__						204617	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.3 magdef=1)																											
(Station ML: 1.3 magdef=0)																											
HU03A	0.38	209.5	Lg	06:49:38.928	0.7					T__						204619	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
HU02A	0.45	103.7	Pg	06:49:33.670	-0.1					T__	66.4					ML	1.4	204621	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.45	103.7	Lg	06:49:40.681	-0.5					T__							204620	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																											
(Station ML: 1.4 magdef=1)																											
KECS	0.48	57.9	Pg	06:49:34.327	0.4					T__	134.4					ML	1.8	204622	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.48	57.9	Lg	06:49:41.448	0.2					T__							204626	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.8 magdef=1)																											
(Station ML: 1.8 magdef=0)																											
JOS	0.52	58.8	Pg	06:49:34.528	-0.1					T__	72.3						ML	1.6	204623	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	58.8	Lg	06:49:42.891	0.4					T__								204624	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																											
(Station ML: 1.6 magdef=1)																											
VVHS	0.74	291.2	Lg	06:49:49.597	-0.5					T__								204625	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.91	85.4	Lg	06:49:56.041	-0.7					T__								204627	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
2022/05/03	07:34:42.01	1.72	0.55	48.0506	20.7137	10.8	5.3	143	0.0f		9	6	198	0.15	0.59	sx	BUD	18001914	BUD			268

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BUD	18001914

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.15	299.6	Pg	07:34:45.483	-0.1					T__		238.1		_c_	ML	1.1	204656	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.15	299.6	Lg	07:34:48.167	-0.4					T__						204657	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ABAH	0.43	54.9	Lg	07:34:57.681	-0.7					T__						204662	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.46	340.7	Pg	07:34:51.984	0.6					T__		126.9			ML	1.7	204658	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	340.7	Lg	07:34:58.228	-0.3					T__						204664	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.46	345.4	Pg	07:34:51.765	0.4					T__		66.2			ML	1.4	204659	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	345.4	Lg	07:34:58.046	-0.5					T__						204660	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.57	256.8	Lg	07:35:03.012	-0.2					T__						204661	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.59	253.4	Lg	07:35:04.108	0.5					T__						204663	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
2022/05/03	07:47:01.89	0.83	0.62	48.3224	19.0168	4.7	3.0	32	0.0f		15	11	114	0.21	1.16	sx	BUD	18001916	BUD			138

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	18001916

Sta	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	325.0	Pg	07:47:06.765	0.4					T__		92.7			ML	0.9	204706	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.21	325.0	Lg	07:47:09.914	0.1					T__						204701	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
HU10A	0.48	179.9	Lg	07:47:19.284	-0.5					T__						204702	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A338A	0.54	235.6	Lg	07:47:21.389	-0.6					T__						204707	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
HU03A	0.57	136.8	Pg	07:47:15.014	1.1					T__		99.2			ML	1.8	204703	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.71	124.2	Lg	07:47:27.352	-0.7					T__						204704	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.72	127.4	Lg	07:47:27.265	-0.7					T__						204708	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KECS	0.99	80.1	Pg	07:47:21.765	0.2					T__		85.9			ML	2.0	204698	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.99	80.1	Lg	07:47:36.847	0.2					T__						204705	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
HU02A	1.03	100.7	Pg	07:47:22.641	-0.4					T__		51.1			ML	1.8	204697	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.03	100.7	Lg	07:47:37.778	-0.9					T__						204709	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	1.03	79.7	Pg	07:47:22.422	0.2					T__		40.8			ML	1.7	204699	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	1.03	79.7	Lg	07:47:37.394	-0.4	T__	---	204700	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																
(Station ML: 1.7 magdef=1)																
JAVC	1.04	301.5	Lg	07:47:38.273	-0.7	T__	---	204710	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MODS	1.16	273.2	Sn	07:47:41.910	-0.1	T__	---	204711	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
2022/05/03	08:06:08.75	1.52	0.36	47.9004	20.4914	16.8	4.2	137	0.0A	0.0	8	6	261	0.22	1.26	m	kx	BUD	18001918	BUD		360
2022/05/03	08:06:08.63	0.96	0.80	47.9590	20.3545f				0.0f		8	6	221	0.20	1.15		kx	BUD_GT	18001919	BUD_GT		243
(locality : Eger-III. Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	08:06:13.345	0.1					T__		233.1		---	ML	1.2	204738	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	08:06:15.810	-1.3					T__				---		204740	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.31	262.7	Pg	08:06:16.493	0.8					T__		70.3		---	ML	1.0	204739	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	08:06:20.857	-0.3					T__				---		204741	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ET1H	0.33	256.4	Lg	08:06:21.923	0.4					T__				---		204742	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.53	9.4	Lg	08:06:26.943	-0.7					T__				---		204743	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.55	12.9	Lg	08:06:27.385	-0.9					T__				---		204744	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
VYHS	1.15	298.4	Sn	08:06:49.464	0.9					T__				---		204745	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
2022/05/03	09:04:47.08	1.52	0.60	48.5474	20.8205	10.7	5.7	25	0.0f		11	7	223	0.19	1.32		sx	BUD	18001920	BUD		296

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD	18001920

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	254.7	Pg	09:04:51.345	0.2					T__		208.1		---	ML	1.2	204791	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	254.7	Lg	09:04:54.741	0.4					T__				---		204792	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.23	254.0	Pg	09:04:51.988	0.1					T__		501.4		---	ML	1.6	204793	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	254.0	Lg	09:04:55.502	-0.2					T__				---		204794	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.38	131.8	Lg	09:05:00.995	-0.5					T__				---		204795	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	205.0	Pg	09:04:57.624	0.6					T__		34.3		---	ML	1.1	204796	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	205.0	Lg	09:05:04.425	-0.2					T__				---		204797	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.88	224.9	Lg	09:05:17.533	-1.4					T__				---		204798	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.92	223.9	Lg	09:05:19.742	-0.1					T__				---		204799	FDSN	HU	--	BUD	iLoc	HHN	???	_	



```

VYHS 1.32 268.4 Pn 09:05:12.767 -0.0 T__ 12.5 ___ ML 1.3 204800 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.32 268.4 Sn 09:05:30.962 -0.1 T__ ___ 204801 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/03 10:58:42.96 0.93 0.86 47.8845 16.1099 5.6 4.8 147 0.0f 11 6 88 0.17 1.19 sx BUD 18001922 BUD 154

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 4 BUD 18001922

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.17 284.8 Pg 10:58:45.830 -0.8 T__ 295.6 ___ ML 1.3 204832 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.17 284.8 Lg 10:58:48.533 -0.7 T__ ___ 204833 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
RONA 0.22 145.7 Pg 10:58:47.857 0.2 T__ ___ 204835 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.22 145.7 Lg 10:58:51.582 0.6 T__ ___ 204834 FDSN OE -- BUD iLoc HHN ??? _
AO18A 0.71 258.9 Pg 10:58:57.060 0.3 T__ 53.2 ___ ML 1.6 204837 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO18A 0.71 258.9 Lg 10:59:07.212 1.5 T__ ___ 204836 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA 0.75 212.3 Pg 10:58:56.256 -1.2 T__ 38.3 ___ ML 1.5 204839 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.75 212.3 Lg 10:59:07.431 0.6 T__ ___ 204838 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 0.92 57.5 Lg 10:59:16.091 0.1 T__ ___ 204841 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.19 9.0 Pg 10:59:06.262 0.4 T__ 44.7 ___ ML 1.8 204840 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.19 9.0 Lg 10:59:23.609 0.1 T__ ___ 204842 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/03 11:02:01.65 2.94 0.30 48.5764 20.1833 19.4 6.0 150 0.0f 8 4 272 0.22 0.69 sx BUD 18001924 BUD 315

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.3 4 BUD 18001924

```

```

Sta 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 0.22 114.8 Pg 11:02:06.466 0.2 T__ 119.6 ___ ML 1.0 204872 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.22 114.8 Lg 11:02:10.081 0.2 T__ ___ 204870 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
JOS 0.25 108.7 Pg 11:02:06.692 -0.1 T__ 41.8 ___ ML 0.6 204871 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.25 108.7 Lg 11:02:10.544 -0.3 T__ ___ 204876 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
HU02A 0.51 153.2 Pg 11:02:12.744 0.4 T__ 36.4 ___ ML 1.3 204869 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.51 153.2 Lg 11:02:20.267 -0.3 T__ ___ 204873 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1

```

(Station ML: 1.3 magdef=1  
 PSZ 0.69 196.4 Pg 11:02:16.305 0.0 T\_\_ 29.5 \_\_\_ ML 1.4 204875 FDSN GE -- BUD iLoc HHZ HHZ \_  
 PSZ 0.69 196.4 Lg 11:02:26.530 -0.3 T\_\_ \_\_\_ 204874 FDSN GE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/03	13:44:23.73	0.87	0.78	47.3310	16.4812	5.3	3.9	25	0.0f	15	9	83	0.16	1.17	sx	BUD	18001926	BUD				156

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	18001926

Sta	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	0.16	107.2	Pg	13:44:27.683	0.2					T__		795.3		___	ML	1.6	204917	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.16	107.2	Lg	13:44:30.677	0.4					T__				___		204918	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
RONA	0.39	341.3	Pg	13:44:30.693	-1.1					T__				___		204913	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.39	341.3	Lg	13:44:37.614	0.3					T__				___		204921	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.66	263.3	Lg	13:44:43.822	-0.9					T__				___		204922	FDSN	OE	--	BUD	iLoc	HHE	???	_	
CONA	0.73	325.2	Pg	13:44:38.819	0.6					T__	41.8			___	ML	1.5	204911	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.73	325.2	Lg	13:44:48.241	0.4					T__				___		204912	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0																									
MPLH	0.74	102.2	Lg	13:44:50.670	0.8					T__				___		204923	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOGS	0.90	190.2	Pg	13:44:40.802	-0.6					T__		85.3		___	ML	1.9	204920	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.90	190.2	Lg	13:44:54.387	1.4					T__				___		204919	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									
A019A	0.96	277.4	Pg	13:44:42.598	0.2					T__	36.5			___	ML	1.6	204915	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	0.96	277.4	Lg	13:44:54.065	-0.5					T__				___		204916	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
A018A	1.04	294.0	Pg	13:44:44.570	0.7					T__	34.1			___	ML	1.6	204914	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	1.04	294.0	Lg	13:44:57.626	0.8					T__				___		204924	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
MODS	1.17	26.9	Sn	13:45:03.790	-0.4					T__				___		204925	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	
2022/05/04	07:57:23.05	1.01	0.60	48.5461	17.6667	7.2	3.6	125	0.0f	8	5	143	0.31	1.36	sx	BUD	18001928	BUD					236

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.31	236.5	Pg	07:57:29.858	0.0					T__				___		204952	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	236.5	Lg	07:57:34.430	-0.8					T__				___		204955	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.31	0.5	Pg	07:57:29.939	0.1					T__	108.6			___	ML	1.2	204953	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.31	0.5	Lg	07:57:34.834	-0.5					T__				___		204959	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1																									

```

(Station ML: 1.2 magdef=1
VYHS 0.78 93.4 Lg 07:57:50.039 -0.2 T__
MORC 1.23 356.3 Pg 07:57:46.552 0.5 T__ 30.6 --- ML 1.7 204954 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.23 356.3 Lg 07:58:02.937 -0.3 T__ --- 204957 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CONA 1.36 243.5 Lg 07:58:07.915 0.8 T__ --- 204958 FDSN OE -- 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
2022/05/04 08:10:40.77 0.99 1.33 48.4671 17.5266 6.0 4.4 137 0.0f 12 7 139 0.19 1.24 sx BUD 18001930 BUD 213

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```

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 4 BUD 18001930

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```

Sta 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 0.19 240.7 Pg 08:10:44.423 -0.8 T__ --- 204986 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 240.7 Lg 08:10:48.044 -0.8 T__ --- 204992 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.40 13.6 Pg 08:10:47.902 -1.5 T__ 110.2 --- ML 1.5 204987 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.40 13.6 Lg 08:10:55.387 -0.7 T__ --- 204993 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.87 87.7 Lg 08:11:12.855 1.8 T__ --- 204997 FDSN SK -- BUD iLoc HHE ??? _
KRUC 0.96 308.9 Pg 08:11:00.080 1.0 T__ 38.6 --- ML 1.6 204988 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.96 308.9 Lg 08:11:13.310 0.1 T__ --- 204994 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VRAC 1.04 324.2 Pg 08:11:02.261 1.7 T__ 9.6 --- ML 1.1 204996 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.04 324.2 Lg 08:11:15.774 -0.1 T__ --- 204995 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
RONA 1.13 227.5 Pg 08:11:03.560 0.5 T__ --- 204989 FDSN OE -- BUD iLoc HHZ ??? _
CONA 1.24 244.8 Pg 08:11:04.045 -1.1 T__ 48.8 --- ML 1.9 204991 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.24 244.8 Lg 08:11:22.899 1.8 T__ --- 204990 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/04 08:24:07.72 1.02 1.42 45.9991 22.8251 8.6 4.4 70 0.0f 9 6 135 0.13 0.93 sx BUD 18001932 BUD 200

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.0 3 BUD 18001932

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.13 154.7 Pg 08:24:09.871 -0.3 T__ 600.0 --- ML 1.4 205026 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.13 154.7 Lg 08:24:12.683 0.7 T__ --- 205029 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
GZR 0.61 183.2 Pg 08:24:19.541 0.1 T__ 53.8 --- ML 1.6 205027 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.61 183.2 Lg 08:24:28.664 0.6 T__ --- 205030 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1

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```

(Station ML: 1.6 magdef=1
DRGR 0.80 354.4 Pg 08:24:24.517 0.8 T__ 43.5 ___ ML 1.6 205024 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.80 354.4 Lg 08:24:32.933 -3.1 T__ ___ 205025 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
SIRR 0.85 288.7 Lg 08:24:36.756 -0.7 T__ ___ 205031 FDSN RO -- BUD iLoc HHN ??? _
LOT 0.86 129.5 Lg 08:24:36.210 -0.7 T__ ___ 205028 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.93 246.1 Lg 08:24:38.634 -0.3 T__ ___ 205032 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/04 08:30:55.83 0.88 1.00 48.5290 17.4548 5.5 3.8 151 0.0f 12 6 125 0.20 1.22 sx BUD 18001934 BUD 193

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 4 BUD 18001934

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.20 217.3 Pg 08:30:59.433 -0.9 T__ ___ 205061 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.20 217.3 Lg 08:31:02.852 -1.2 T__ ___ 205062 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.36 23.3 Pg 08:31:02.832 -0.8 T__ 102.9 ___ ML 1.3 205063 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.36 23.3 Lg 08:31:08.678 -1.0 T__ ___ 205068 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KRUC 0.88 307.7 Pg 08:31:13.568 0.8 T__ 30.2 ___ ML 1.5 205064 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.88 307.7 Lg 08:31:26.474 0.8 T__ ___ 205069 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.92 91.7 Pg 08:31:15.195 0.8 T__ 8.8 ___ ML 1.0 205070 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.92 91.7 Lg 08:31:28.223 0.5 T__ ___ 205071 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
RONA 1.14 223.5 Pg 08:31:18.152 -0.2 T__ ___ 205065 FDSN OE -- BUD iLoc HHZ ??? _
RONA 1.14 223.5 Lg 08:31:33.809 0.7 T__ ___ 205072 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.22 241.2 Pg 08:31:19.603 -0.3 T__ 28.7 ___ ML 1.6 205066 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.22 241.2 Lg 08:31:37.202 1.5 T__ ___ 205067 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/04 08:44:47.20 1.00 1.03 48.5376 20.8088 6.3 3.5 12 0.0f 15 9 129 0.18 1.31 sx BUD 18001936 BUD 199

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 6 BUD 18001936

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 257.0 Pg 08:44:51.230 0.1 T__ 496.1 ___ ML 1.5 205108 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 257.0 Lg 08:44:55.387 1.2 T__ ___ 205109 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.22 255.9 Pg 08:44:51.766 -0.1 T__ 1850.3 ___ ML 2.2 205110 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.22 255.9 Lg 08:44:56.095 0.6 T__ ___ 205116 FDSN SK -- BUD iLoc EHN ??? _

```

```

(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ABAH 0.38 129.9 Pg 08:44:55.832 0.9 T__ 60.8 ___ ML 1.1 205112 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.38 129.9 Lg 08:44:59.838 -1.7 T__ ___ 205117 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU02A 0.46 204.6 Pg 08:44:57.167 0.3 T__ 38.9 ___ ML 1.2 205111 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 204.6 Lg 08:45:04.571 0.2 T__ ___ 205118 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.87 225.0 Pg 08:45:06.392 0.8 T__ 37.2 ___ ML 1.6 205114 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.87 225.0 Lg 08:45:18.934 0.3 T__ ___ 205113 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.91 223.9 Pg 08:45:06.756 0.5 T__ 26.4 ___ ML 1.4 205115 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.91 223.9 Lg 08:45:17.558 -2.0 T__ ___ 205120 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 0.94 339.4 Lg 08:45:18.269 -0.1 T__ ___ 205119 FDSN PL -- BUD iLoc BHN ??? _
TRPA 1.22 108.8 Sn 08:45:28.030 -0.8 T__ ___ 205121 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.31 268.8 Sn 08:45:29.857 -1.2 T__ ___ 205122 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
2022/05/04 09:11:06.72 0.81 0.96 48.5112 19.3148 6.1 3.2 10 0.0f 15 10 117 0.32 1.72 sx BUD 18001938 BUD 139

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 18001938

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Sta 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 0.32 267.1 Pg 09:11:13.582 0.2 T__ 50.5 ___ ML 0.9 205199 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.32 267.1 Lg 09:11:17.952 -0.3 T__ ___ 205198 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
PSZ 0.71 146.6 Pg 09:11:23.211 1.4 T__ 43.8 ___ ML 1.5 205196 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.71 146.6 Lg 09:11:31.991 -0.6 T__ ___ 205201 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.73 149.3 Lg 09:11:32.679 -0.4 T__ ___ 205197 FDSN HU -- BUD iLoc HHE ??? _
KECS 0.78 91.6 Pg 09:11:22.402 0.1 T__ 146.0 ___ ML 2.1 205192 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.78 91.6 Lg 09:11:33.164 -0.8 T__ ___ 205191 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 0.81 90.6 Pg 09:11:22.564 -0.3 T__ 58.8 ___ ML 1.7 205189 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.81 90.6 Lg 09:11:34.297 -0.8 T__ ___ 205190 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.90 115.3 Pg 09:11:24.749 -0.4 T__ 43.9 ___ ML 1.6 205193 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 115.3 Lg 09:11:37.614 -1.4 T__ ___ 205194 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 1.12 35.2 Lg 09:11:45.455 1.5 T__ ___ 205200 FDSN PL -- BUD iLoc BHN ??? _
JAVC 1.14 288.3 Sn 09:11:46.152 -0.3 T__ ___ 205202 FDSN CZ -- BUD iLoc HHN ??? _

```

ABAH	1.30	98.8	Sn	09:11:51.532	1.3	T__	---	205195	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORC	1.72	318.1	Sn	09:11:59.718	-0.9	T__	---	205203	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/04	09:30:34.16	0.38	0.67	47.2730	18.2560	5.6	3.5	96	0.0A	0.0	9	6	152	0.09	1.19	m	kx BUD	18001940	BUD			360
2022/05/04	09:30:31.68	0.95	1.26	47.2302	18.2835f				0.0f		9	6	156	0.13	1.15		kx BUD_GT	18001941	BUD_GT			177

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	18001941

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.13	353.3	Pg	09:30:35.108	0.1					T__		383.9		---	ML	1.3	205301	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:30:37.124	-1.0					T__				---		205303	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU08A	0.32	309.6	Lg	09:30:42.457	-1.8					T__				---		205307	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.41	9.3	Pg	09:30:41.459	1.1					T__		125.1		---	ML	1.5	205308	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.41	9.3	Lg	09:30:45.949	-1.8					T__				---		205304	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
MPLH	0.51	263.5	Pg	09:30:43.219	0.9					T__		52.8		---	ML	1.4	205302	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	09:30:50.718	0.4					T__				---		205309	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
MORH	1.05	166.2	Sn	09:31:10.320	1.8					T__				---		205305	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.15	186.4	Sn	09:31:11.407	0.3					T__				---		205306	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
2022/05/04	10:12:31.34	0.29	0.79	46.8764	17.2931	3.5	2.7	50	0.0A	0.0	16	13	107	0.14	1.93	m	kx BUD	18001942	BUD			360
2022/05/04	10:12:29.52	0.88	0.62	46.8902	17.3220f				0.0f		16	13	105	0.13	1.90		kx BUD_GT	18001943	BUD_GT			141

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.4	4 BUD	18001943

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BADH	0.13	129.3	Lg	10:12:35.542	-0.0					T__				---		205350	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A261A	0.13	297.5	Pg	10:12:33.074	0.2					T__		8191.4		---	ML	2.6	205343	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	297.5	Lg	10:12:35.826	0.2					T__				---		205351	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1)																									
A263A	0.25	181.1	Lg	10:12:38.966	-0.3					T__				---		205352	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.32	27.9	Pg	10:12:35.866	-0.6					T__		629.4		---	ML	2.0	205342	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	27.9	Lg	10:12:41.773	-0.1					T__				---		205353	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
TIH	0.39	88.4	Lg	10:12:43.604	-0.6					T__				---		205344	FDSN	HU	--	BUD	iLoc	HHN	???	_	

A266A	0.74	119.0	Pn	10:12:46.998	0.9	T__	225.3	___	ML	2.3	205345	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
CSKK	0.80	53.2	Lg	10:12:58.835	-0.1	T__		---			205354	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	0.97	145.9	Pn	10:12:50.196	1.0	T__	47.2	---	ML	1.7	205346	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.97	145.9	Lg	10:13:02.657	-0.1	T__		---			205355	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU09A	1.04	43.6	Sn	10:13:06.508	0.1	T__		---			205347	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
RONA	1.07	319.6	Lg	10:13:06.284	1.3	T__		---			205356	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORH	1.13	126.0	Sn	10:13:07.123	-1.1	T__		---			205348	FDSN	HU	--	BUD	iLoc	HHN	???	_
ARSA	1.28	287.0	Sn	10:13:11.977	0.4	T__		---			205349	FDSN	OE	--	BUD	iLoc	HHN	???	_
VVHS	1.90	32.0	Lg	10:13:34.502	0.1	T__		---			205357	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
2022/05/04	10:28:41.31	0.85	0.57	47.8429	16.2657	9.4	3.8	29	5.6	13.5	9	5	124	0.14	1.22	ke	BUD	18001944	BUD			201

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.1	3 BUD	18001944

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.14	171.8	Pg	10:28:44.474	-0.1					T__						205386	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.14	171.8	Lg	10:28:46.486	-0.5					T__						205387	FDSN	OE	--	BUD	iLoc	HHN	???	_
SOP	0.25	128.9	Pg	10:28:46.911	0.3					T__	57.3					205389	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	128.9	Lg	10:28:50.330	0.1					T__						205388	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
CONA	0.28	287.6	Pg	10:28:47.134	-0.1					T__	37.6					205384	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	287.6	Lg	10:28:51.786	0.5					T__						205385	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
ARSA	0.78	220.6	Lg	10:29:07.120	0.9					T__						205390	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.22	4.0	Pn	10:29:04.733	-0.3					T__	33.1					205392	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	4.0	Sn	10:29:21.604	-0.3					T__						205391	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/05	05:56:25.40	0.83	1.38	47.4131	18.3012	7.4	5.2	122	0.0f		10	6	104	0.06	1.22	sx	BUD	18001946	BUD			150

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	18001946

Sta	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	209.0	Pg	05:56:27.781	0.6					T__	1430.2					205441	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	209.0	Lg	05:56:29.424	0.3					T__						205443	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
HU08A	0.26	274.2	Lg	05:56:36.425	0.6					T__						205444	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MPLH	0.57	245.2	Pg	05:56:37.324	0.1					T__	40.6					205446	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

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MPLH 0.57 245.2 Lg 05:56:45.577 -0.5 T__ --- 205445 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 1.14 18.2 Pn 05:56:47.803 -0.9 T__ 18.3 --- ML 1.4 205450 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.14 18.2 Sn 05:57:04.237 -0.8 T__ --- 205449 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 1.19 64.3 Pn 05:56:50.815 1.4 T__ 42.8 --- ML 1.8 205442 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.19 64.3 Sn 05:57:06.043 -0.3 T__ --- 205447 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORH 1.22 168.8 Sn 05:57:03.910 -3.0 T__ --- 205448 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
2022/05/05 07:20:44.22 0.96 1.13 48.4533 17.4381 7.3 3.2 132 0.0f 9 7 134 0.13 1.18 sx BUD 18001948 BUD 200

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.13 233.4 Pg 07:20:47.108 -0.4 T__ --- 205477 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.13 233.4 Lg 07:20:48.870 -1.5 T__ --- 205480 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.34 221.2 Lg 07:20:57.623 0.5 T__ --- 205481 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.43 20.7 Pg 07:20:53.152 -0.3 T__ 68.3 --- ML 1.3 205475 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.43 20.7 Lg 07:21:00.273 -0.3 T__ --- 205478 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KRUC 0.92 311.8 Lg 07:21:16.342 0.9 T__ --- 205476 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.93 87.0 Lg 07:21:17.087 0.5 T__ --- 205479 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.07 225.9 Lg 07:21:20.945 1.4 T__ --- 205482 FDSN OE -- BUD iLoc HHE ??? _
CONA 1.18 244.1 Lg 07:21:23.906 1.2 T__ --- 205483 FDSN OE -- 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
2022/05/05 08:33:42.93 0.82 1.07 48.5963 21.3751 4.9 3.9 155 0.0f 18 11 100 0.31 1.69 sx BUD 18001950 BUD 160

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Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 7 BUD 18001950

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.31 196.8 Pg 08:33:49.884 0.4 T__ 96.0 --- ML 1.2 205540 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.31 196.8 Lg 08:33:54.303 -0.8 T__ --- 205546 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
JOS 0.56 260.1 Pg 08:33:53.974 -0.2 T__ 101.3 --- ML 1.8 205537 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.56 260.1 Lg 08:34:02.337 -0.4 T__ --- 205547 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.60 259.5 Pg 08:33:54.485 -0.5 T__ 151.2 --- ML 2.0 205538 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.60 259.5 Lg 08:34:03.651 -0.4 T__ --- 205548 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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KOLS	0.68	60.1	Pg	08:33:56.676	0.6	T__									205543	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.68	60.1	Lg	08:34:05.331	-1.9	T__									205549	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	0.74	230.4	Pg	08:33:58.137	-0.1	T__				70.8					205539	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.74	230.4	Lg	08:34:08.180	-1.6	T__									205550	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
TRPA	0.91	120.6	Pg	08:33:59.744	-0.8	T__				113.3					205544	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.91	120.6	Lg	08:34:13.000	-2.2	T__									205551	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=0)																							
NIE	1.09	319.7	Pg	08:34:03.177	-0.2	T__				60.6					205541	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.09	319.7	Lg	08:34:18.551	-1.1	T__									205552	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
PSZ	1.20	236.1	Sn	08:34:24.253	0.2	T__									205553	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.24	235.0	Sn	08:34:24.768	-0.1	T__									205545	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU03A	1.37	240.4	Sn	08:34:29.238	1.0	T__									205554	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VVHS	1.69	267.5	Pn	08:34:14.936	1.2	T__				23.6					205542	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/05	08:41:57.52	1.02	0.68	48.2477	21.2178	6.8	3.8	158	0.0f		13	8	151	0.05	0.98	sx	BUD	18001952	BUD			203

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	18001952

Sta	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	16.8	Pg	08:41:59.160	0.0					T__		7372.3			ML	2.3	205593	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	16.8	Lg	08:42:00.310	-0.4					T__						205599	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU02A	0.48	255.1	Pg	08:42:07.778	0.1					T__		69.7			ML	1.5	205594	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	255.1	Lg	08:42:14.808	-0.8					T__						205600	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.52	299.0	Pg	08:42:08.472	0.6					T__		73.0			ML	1.6	205595	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	299.0	Lg	08:42:15.721	-0.1					T__						205596	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.54	296.0	Lg	08:42:16.888	0.1					T__						205601	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.89	97.1	Pg	08:42:15.538	0.6					T__		100.8			ML	2.0	205597	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	97.1	Lg	08:42:28.575	-1.0					T__						205602	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.95	250.1	Lg	08:42:30.832	-0.8					T__						205603	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.98	248.3	Pg	08:42:18.131	0.2					T__		43.6			ML	1.7	205598	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.98	248.3	Lg	08:42:31.972	-0.3					T__						205605	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOLS	0.98	45.2	Lg	08:42:31.047	-1.1					T__						205604	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
2022/05/05	09:17:00.69	1.02	0.54	47.9181	16.0530	7.7	4.2	32	0.0f	6	3	131	0.13	1.17	sx	BUD	18001954	BUD				263

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.13	274.6	Pg	09:17:03.743	0.2					T__		131.0		---	ML	0.8	205692	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	274.6	Lg	09:17:05.248	-0.3					T__				---		205694	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.27	143.0	Pg	09:17:06.774	0.4					T__				---		205693	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.27	143.0	Lg	09:17:09.656	-0.7					T__				---		205695	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.17	11.1	Pg	09:17:23.233	0.1					T__		43.3		---	ML	1.8	205697	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.17	11.1	Lg	09:17:40.013	-0.3					T__				---		205696	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/05	09:33:20.11	3.32	0.23	48.4977	20.7205	20.7	6.3	54	0.0f	7	4	290	0.12	0.84	sx	BUD	18001956	BUD					313

Magnitude Err Nsta Author OrigID  
ML 1.0 0.4 3 BUD 18001956

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.12	269.2	Pg	09:33:22.787	0.0					T__		124.1		---	ML	0.7	205742	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	269.2	Lg	09:33:25.194	0.3					T__				---		205745	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KECS	0.16	264.8	Pg	09:33:23.262	-0.2					T__		364.7		---	ML	1.3	205743	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.16	264.8	Lg	09:33:26.240	0.1					T__				---		205746	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.40	199.2	Pg	09:33:28.740	0.1					T__		40.6		---	ML	1.0	205744	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.40	199.2	Lg	09:33:34.994	-0.2					T__				---		205747	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ET1H	0.84	222.9	Lg	09:33:50.181	0.1					T__				---		205748	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	
2022/05/05	10:56:33.16	0.97	0.79	47.3990	18.3337	11.2	4.4	124	0.0f	8	7	133	0.06	1.32	sx	BUD	18001960	BUD					180

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.06	234.1	Pg	10:56:35.395	0.3					T__		1240.0		---	ML	1.6	205771	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	234.1	Lg	10:56:36.819	-0.2					T__				---		205777	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU09A	0.24	7.8	Lg	10:56:43.196	0.0					T__				---		205778	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

ET1H	1.15	64.6	Sn	10:57:13.055	0.2	T__	---	205772	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.15	16.9	Sn	10:57:11.650	-1.3	T__	---	205776	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.18	63.2	Sn	10:57:14.297	0.6	T__	---	205773	FDSN	GE	--	BUD	iLoc	HHN	???	_
MORH	1.20	169.7	Sn	10:57:13.274	-1.0	T__	---	205774	FDSN	HU	--	BUD	iLoc	HHE	???	_
KOVH	1.32	187.1	Sn	10:57:16.999	-0.2	T__	---	205775	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
2022/05/05	11:02:07.37	1.52	0.57	47.9194	16.1203	13.7	4.1	32	0.0f	8	5	204	0.17	1.51	sx	BUD	18001962	BUD				263

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.17	273.0	Pg	11:02:11.046	-0.0					T__		115.4		---	ML	0.8	205797	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	273.0	Lg	11:02:13.493	-0.2					T__				---		205800	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.25	151.6	Pg	11:02:12.818	0.2					T__				---		205798	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.25	151.6	Lg	11:02:16.068	-0.2					T__				---		205801	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	0.72	256.3	Pg	11:02:21.947	0.5					T__		32.7		---	ML	1.4	205799	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.72	256.3	Lg	11:02:31.332	0.8					T__				---		205802	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	0.78	211.3	Lg	11:02:31.647	-0.7					T__				---		205803	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CKRC	1.51	307.4	Sn	11:02:55.640	-0.4					T__				---		205804	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/05/05	11:35:26.11	0.67	1.23	47.3555	18.3963	3.5	3.5	103	0.0f	23	17	98	0.09	1.81	sx	BUD	18001964	BUD						109

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 6 BUD 18001964

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.09	274.7	Pg	11:35:29.041	0.4					T__		5091.8		---	ML	2.3	205844	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	274.7	Lg	11:35:30.082	-1.0					T__				---		205855	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU09A	0.28	358.1	Lg	11:35:36.491	-1.1					T__				---		205856	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	283.5	Pg	11:35:34.765	1.6					T__		300.6		---	ML	1.7	205845	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.33	283.5	Lg	11:35:37.650	-1.4					T__				---		205857	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A267A	0.41	171.8	Lg	11:35:39.857	-2.0					T__				---		205858	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BUD	0.45	73.0	Lg	11:35:42.457	-0.8					T__				---		205859	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SRD	0.46	353.0	Lg	11:35:42.028	-1.7					T__				---		205860	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.61	252.7	Lg	11:35:47.565	-0.5					T__				---		205861	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BADH	0.84	229.2	Lg	11:35:54.277	-0.6					T__				---		205862	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.13	61.8	Pn	11:35:48.861	-0.3					T__		48.3		---	ML	1.8	205847	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.13	61.8	Sn	11:36:05.222	-0.1					T__				---		205846	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

MORH	1.15	171.4	Pg	11:35:50.906	1.8	T__	44.0	___	ML	1.8	205850	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.15	171.4	Lg	11:36:04.199	-1.5	T__		---			205851	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
PSZ	1.16	60.4	Pn	11:35:49.592	-0.1	T__	51.4	___	ML	1.9	205849	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	60.4	Sn	11:36:05.916	-0.3	T__		---			205863	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
VYHS	1.18	14.4	Pn	11:35:50.249	0.4	T__	19.5	___	ML	1.4	205848	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.18	14.4	Sn	11:36:05.477	-1.1	T__		---			205864	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
MODS	1.27	323.9	Sn	11:36:07.851	-1.0	T__		---			205852	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.28	189.2	Sn	11:36:08.285	-0.9	T__		---			205865	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.46	284.4	Sn	11:36:13.621	-0.1	T__		---			205853	FDSN	OE	--	BUD	iLoc	HHN	???	_
HU02A	1.63	61.1	Sn	11:36:20.048	2.2	T__		---			205854	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CONA	1.81	289.4	Sn	11:36:23.326	1.1	T__		---			205866	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/05	16:24:46.42	1.00	1.02	47.5573	18.1049	8.3	3.2	138	1.0f		6	4	164	0.18	0.29	ke	BUD	18001968	BUD			237

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU08A	0.18	224.3	Pg	16:24:50.855	0.6					T__		284.2		_d_	ML	1.2	205936	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.18	224.3	Lg	16:24:52.177	-1.2					T__				---		205937	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU09A	0.20	66.5	Pg	16:24:51.091	0.4					T__		89.1		___	ML	0.8	205940	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.20	66.5	Lg	16:24:54.389	0.0					T__				---		205939	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CSKK	0.22	151.4	Lg	16:24:54.415	-0.7					T__				---		205938	FDSN	HU	--	BUD	iLoc	HHE	???	_	
SRO	0.29	28.7	Lg	16:24:56.532	-0.8					T__				---		205941	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	
2022/05/05	23:03:29.19	0.75	1.07	47.2009	17.6564	3.6	3.4	173	6.7		6.8	17	11	76	0.09	1.20	ke	BUD	18001970	BUD			106

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	8 BUD	18001970

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.09	249.0	Pg	23:03:30.978	-0.6					T__		410.7		_d_	ML	1.2	205977	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.09	249.0	Lg	23:03:32.300	-1.2					T__				---		205978	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU08A	0.29	38.2	Pg	23:03:35.669	0.3					T__		60.1		___	ML	0.9	205979	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.29	38.2	Lg	23:03:40.419	0.2					T__				---		205984	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									

EGYH	0.31	314.5	Pg	23:03:36.762	1.1	T__	72.8	_d_ ML	1.0	205985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.31	314.5	Lg	23:03:41.415	0.9	T__		---		205980	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.0 magdef=1														
				(Station ML: 1.0 magdef=1														
TIH	0.34	151.7	Pg	23:03:36.597	0.3	T__	197.1	___ ML	1.5	205981	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.5 magdef=1														
				(Station ML: 1.5 magdef=0														
A261A	0.43	234.5	Pg	23:03:38.690	0.8	T__	64.8	___ ML	1.3	205986	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.3 magdef=1														
				(Station ML: 1.3 magdef=1														
CSKK	0.44	68.2	Pg	23:03:38.894	0.7	T__	36.5	___ ML	1.1	205982	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.1 magdef=1														
				(Station ML: 1.1 magdef=1														
A260A	0.65	277.6	Lg	23:03:52.191	1.2	T__		---		205983	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
RONA	1.05	298.9	Pg	23:03:49.922	-0.1	T__		---		205987	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.05	298.9	Lg	23:04:04.286	0.6	T__		---		205988	FDSN	OE	--	BUD	iLoc	HHN	???	_
KOVH	1.15	164.5	Pn	23:03:51.905	0.1	T__	24.5	___ ML	1.5	205989	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.5 magdef=1														
				(Station ML: 1.5 magdef=1														
MORH	1.20	145.1	Pg	23:03:53.075	0.7	T__	19.7	___ ML	1.5	205990	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.20	145.1	Sn	23:04:09.041	0.2	T__		---		205991	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1														
				(Station ML: 1.5 magdef=1														
MODS	1.20	347.9	Pn	23:03:51.536	-1.0	T__		---		205993	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.20	347.9	Sn	23:04:06.536	-2.5	T__		---		205992	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
2022/05/06	06:41:35.51	0.83	0.50	48.4156	19.5487	4.7	3.4	19	0.0f		15	10	103	0.48	1.32	sx	BUD	18001974	BUD			152

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18001974

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.48	279.7	Pg	06:41:45.773	0.4					T__		22.9			___ ML	1.0	206079	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	279.7	Lg	06:41:51.710	-0.9					T__					---		206078	FDSN	SK	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.0 magdef=1																					
				(Station ML: 1.0 magdef=0																					
HU03A	0.51	176.2	Lg	06:41:54.814	0.6					T__					---		206077	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	0.55	154.9	Pg	06:41:47.583	0.2					T__	62.9				___ ML	1.6	206073	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.55	154.9	Lg	06:41:55.636	-0.4					T__					---		206074	FDSN	GE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=1																					
ET1H	0.58	158.0	Pg	06:41:48.094	0.3					T__	48.5				___ ML	1.5	206076	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.58	158.0	Lg	06:41:55.946	-0.6					T__					---		206075	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
KECS	0.63	83.5	Lg	06:41:57.808	0.2					T__					---		206069	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.66	82.7	Pg	06:41:49.026	0.3					T__	66.5				___ ML	1.7	206071	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	82.7	Lg	06:41:58.977	0.2					T__					---		206070	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=0																					
HU02A	0.72	113.9	Pg	06:41:50.322	-0.1					T__	36.4				_c_ ML	1.5	206067	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.72	113.9	Lg	06:42:00.693	-0.9	T__	---	206068	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																
(Station ML: 1.5 magdef=1)																
NIE	1.12	26.0	Lg	06:42:12.839	-0.1	T__	---	206080	FDSN	PL	--	BUD	iLoc	BHN	???	_
ABAH	1.13	95.4	Sn	06:42:14.570	-0.3	T__	---	206072	FDSN	HU	--	BUD	iLoc	HHN	???	_
JAVC	1.32	290.3	Sn	06:42:19.652	-0.0	T__	---	206081	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/06	07:56:38.03	0.68	0.80	48.2356	18.7912	3.9	2.9	21	0.0f		24	16	70	0.26	1.75	sx	BUD	18001976	BUD			104

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	7 BUD	18001976

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
VYHS	0.26	6.6	Pg	07:56:44.333	0.8					T__		198.2		---	ML	1.3	206135	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.26	6.6	Lg	07:56:47.930	0.2					T__				---		206136	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=0)																										
HU10A	0.42	158.6	Lg	07:56:53.673	-0.2					T__				---		206137	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
SR0	0.53	217.4	Lg	07:56:57.235	-0.5					T__				---		206138	FDSN	SK	--	BUD	iLoc	EHN	???	_		
HU03A	0.64	121.2	Lg	07:57:00.660	-0.3					T__				---		206139	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.81	112.8	Pg	07:56:55.909	0.8					T__	68.1			---	ML	1.8	206129	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.81	112.8	Lg	07:57:06.262	-1.1					T__				---		206140	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
ET1H	0.81	115.8	Pg	07:56:56.165	1.1					T__	35.1			---	ML	1.5	206131	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.81	115.8	Lg	07:57:06.098	-0.9					T__				---		206130	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
CSKK	0.94	202.5	Lg	07:57:11.538	-0.5					T__				---		206141	FDSN	HU	--	BUD	iLoc	HHN	???	_		
JAVC	0.97	310.4	Pg	07:56:58.440	0.6					T__	108.2			---	ML	2.1	206143	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	0.97	310.4	Lg	07:57:11.732	-1.0					T__				---		206142	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=1)																										
HU08A	0.99	216.3	Lg	07:57:12.573	-0.7					T__				---		206144	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
MODS	1.02	278.3	Pg	07:56:59.458	0.8					T__				---		206146	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	1.02	278.3	Lg	07:57:13.116	-1.1					T__				---		206145	FDSN	SK	--	BUD	iLoc	HHN	???	_		
ZST	1.13	268.6	Sn	07:57:16.694	-0.6					T__				---		206147	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KECS	1.16	77.0	Pg	07:57:01.424	0.4					T__	161.8			---	ML	2.4	206132	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	
KECS	1.16	77.0	Sn	07:57:17.163	-0.8					T__				---		206133	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.4 magdef=1)																										
(Station ML: 2.4 magdef=0)																										
HU02A	1.17	94.9	Pn	07:57:01.821	0.2					T__	46.1			---	ML	1.8	206149	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	1.17	94.9	Sn	07:57:17.451	-0.8					T__				---		206148	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
JOS	1.19	76.8	Pg	07:57:02.045	0.4					T__	42.4			---	ML	1.8	206150	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	1.19	76.8	Sn	07:57:17.930	-1.0					T__				---		206134	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
EGYH	1.28	230.8	Sn	07:57:21.970	1.0					T__				---		206151	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MORC	1.75	332.4	Sn	07:57:31.975	-0.7					T__				---		206152	FDSN	CZ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/06	08:27:24.27	0.25	0.74	47.8197	19.0567	3.9	2.5	166	0.0A	0.0	17	11	100	0.04	1.32	m	kx	BUD	18001978	BUD			360
2022/05/06	08:27:22.05	0.85	1.02	47.7791	19.0372f				0.0f		17	11	102	0.07	1.32		kx	BUD_GT	18001979	BUD_GT			152

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	18001979

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.07	349.3	Pg	08:27:24.485	0.6					T__		4829.8		---	ML	2.2	206218	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	349.3	Lg	08:27:25.359	-0.4					T__				---		206228	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0)																									
BUD	0.30	181.7	Lg	08:27:34.675	0.8					T__				---		206229	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU03A	0.40	71.6	Lg	08:27:37.805	0.8					T__				---		206230	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.57	79.6	Pg	08:27:33.818	-0.5					T__		44.1		---	ML	1.5	206222	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.57	79.6	Lg	08:27:41.337	-1.7					T__				---		206231	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0)																									
PSZ	0.59	76.1	Pg	08:27:34.710	-0.2					T__		70.0		---	ML	1.7	206219	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.59	76.1	Lg	08:27:43.657	-0.6					T__				---		206223	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																									
CSKK	0.67	231.9	Lg	08:27:47.381	0.6					T__				---		206224	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.73	349.4	Lg	08:27:46.677	-1.0					T__				---		206232	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU08A	0.83	245.6	Pn	08:27:40.188	0.3					T__		90.8		---	ML	1.9	206220	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.83	245.6	Lg	08:27:52.609	0.8					T__				---		206233	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
HU02A	1.06	70.5	Pn	08:27:43.168	0.0					T__		35.2		---	ML	1.6	206225	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.06	70.5	Sn	08:27:57.629	-2.3					T__				---		206227	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
JOS	1.24	54.0	Pg	08:27:46.688	0.2					T__		35.1		---	ML	1.7	206221	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.24	54.0	Sn	08:28:02.177	-1.8					T__				---		206234	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																									
MODS	1.32	297.4	Sn	08:28:05.959	-0.8					T__				---		206226	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	
2022/05/06	10:00:58.33	1.10	0.87	48.8504	20.1984	15.0	5.8	81	0.0f		10	6	173	0.41	1.00	sx	BUD	18001980	BUD				314

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	18001980

Sta	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	152.5	Pg	10:01:06.244	-0.4					T__		223.6		---	ML	1.8	206268	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.41	152.5	Lg	10:01:14.096	1.1					T__				---		206272	FDSN	SK	--	BUD	iLoc	EHN	???	_	

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.42 147.4 Pg 10:01:06.098 -0.7 T__ 63.3 ___ ML 1.3 206267 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.42 147.4 Lg 10:01:14.023 0.8 T__ ___ 206273 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
NIE 0.57 6.6 Lg 10:01:17.759 0.4 T__ ___ 206271 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.76 163.3 Pg 10:01:13.037 -1.0 T__ ___ ML 1.5 206269 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.76 163.3 Lg 10:01:25.124 -0.7 T__ ___ 206274 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.95 192.4 Sn 10:01:34.426 1.0 T__ ___ 206275 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.00 192.8 Pn 10:01:19.893 0.3 T__ ___ ML 1.5 206276 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.00 192.8 Sn 10:01:34.265 -0.1 T__ ___ 206270 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/06 19:10:47.47 1.32 0.85 45.5037 16.0668 9.7 6.1 35 6.5 9.3 34 22 173 0.33 2.43 ke BUD 18001982 BUD 236

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Magnitude Err Nsta Author OrigID
ML 3.4 0.1 22 BUD 18001982

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Sta 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 0.33 350.2 Pg 19:10:54.310 0.2 T__ 31184.9 _d ML 3.7 482144 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.33 350.2 Lg 19:10:59.761 1.0 T__ ___ 482158 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 3.7 magdef=1
(Station ML: 3.7 magdef=0
PTJ 0.41 350.3 Pg 19:10:55.292 -0.6 T__ 6402.1 ___ ML 3.2 482145 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.41 350.3 Lg 19:11:01.504 -0.6 T__ ___ 482146 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
CRES 0.54 307.2 Pg 19:10:58.129 0.2 T__ 3070.8 ___ ML 3.3 482147 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.54 307.2 Lg 19:11:06.203 0.4 T__ ___ 482148 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=1
KOGS 0.95 7.6 Pg 19:11:05.628 -0.1 T__ 2780.8 ___ ML 3.5 482149 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.95 7.6 Sn 19:11:20.569 -0.7 T__ ___ 482163 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=1
A264A 1.08 52.1 Pn 19:11:09.038 -0.0 T__ 3269.5 ___ ML 3.6 482165 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A264A 1.08 52.1 Sn 19:11:23.661 -0.6 T__ ___ 482164 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 magdef=0
BEHE 1.09 26.8 Pn 19:11:08.982 -0.2 T__ 4988.2 ___ ML 3.8 482150 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 1.09 26.8 Sn 19:11:24.342 -0.2 T__ ___ 482166 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 3.8 magdef=1
(Station ML: 3.8 magdef=0
BLY 1.09 133.3 Pn 19:11:09.015 -0.2 T__ 2112.8 ___ ML 3.4 482151 FDSN MN -- BUD iLoc HHZ HHZ _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1
A273A 1.29 70.8 Pg 19:11:13.164 1.2 T__ 1810.0 ___ ML 3.5 482176 FDSN ZJ 00 BUD iLoc HHZ HHZ _

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A273A	1.29	70.8	Sn	19:11:30.788	1.2	T__				482167	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
A262A	1.40	13.1	Pn	19:11:13.143	-0.3	T__	1152.2		ML	3.3	482168	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
A263A	1.43	36.9	Pn	19:11:12.932	-1.0	T__	1128.4		ML	3.3	482169	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
OBKA	1.46	314.1	Pg	19:11:15.168	0.9	T__	1746.0		ML	3.6	482152	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.46	314.1	Lg	19:11:35.885	1.3	T__					482159	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
A265A	1.52	52.0	Pn	19:11:13.903	-1.2	T__	1192.9		ML	3.4	482170	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
KOVH	1.54	66.9	Pn	19:11:13.990	-1.4	T__	659.2		ML	3.2	482153	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.54	66.9	Lg	19:11:37.010	0.1	T__					482160	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
BADH	1.63	36.4	Pn	19:11:16.254	-0.4	T__	990.2		ML	3.4	482171	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
A261A	1.63	27.0	Pn	19:11:16.401	-0.3	T__	1086.5		ML	3.4	482172	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
ARSA	1.79	348.0	Pn	19:11:18.688	-0.2	T__	397.2		ML	3.1	482154	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.79	348.0	Pg	19:11:21.634	1.5	T__					482161	FDSN	OE	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
A266A	1.84	55.5	Pn	19:11:18.181	-1.4	T__	1575.6		ML	3.7	482173	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	1.84	55.5	Pg	19:11:23.440	1.4	T__					482177	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=0)																			
MORH	1.94	67.5	Pn	19:11:19.316	-1.5	T__	375.3		ML	3.2	482155	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.94	67.5	Pg	19:11:24.022	0.3	T__					482162	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
MPLH	1.95	30.9	Pn	19:11:21.031	-0.1	T__	299.5		ML	3.1	482174	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=0)																			
RONA	2.20	4.0	Pn	19:11:24.433	-0.1	T__	162.1		ML	2.9	482156	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
SOP	2.21	8.7	Pn	19:11:24.857	0.3	T__	152.6		ML	2.9	482175	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
CONA	2.43	356.7	Pn	19:11:27.700	-0.0	T__	119.7		ML	2.9	482157	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2022/05/07 16:11:40.89 3.27 0.55 47.9234 20.4709 27.0 4.2 138 3.0f 8 5 253 0.20 0.57 ke BUD 18001986 BUD 259

Magnitude Err Nsta Author OrigID  
ML 1.4 0.4 3 BUD 18001986

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.20	10.3	Pg	16:11:45.305	-0.1					T__		82.2		_c	ML	0.8	206356	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	10.3	Lg	16:11:48.391	-0.6					T__				---		206357	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
PSZ	0.39	269.5	Pg	16:11:49.546	0.2					T__		94.3		---	ML	1.4	206361	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.39	269.5	Lg	16:11:54.996	-0.5					T__				---		206362	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.41	264.0	Lg	16:11:55.471	-0.2					T__				---		206363	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.56	1.0	Lg	16:12:01.031	0.6					T__				---		206358	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.57	4.5	Pg	16:11:52.887	0.6					T__		66.4		---	ML	1.6	206360	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.57	4.5	Lg	16:12:00.657	-0.2					T__				---		206359	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/05/08 05:04:06.29 0.76 1.00 46.4364 16.2256 4.6 3.9 126 4.6 6.8 22 14 88 0.02 2.63 ke BUD 18001988 BUD 111

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 8 BUD 18001988

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOGS	0.02	55.6	Pg	05:04:06.827	-0.6					T__		4172.9		---	ML	2.0	206439	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.02	55.6	Lg	05:04:08.480	0.2					T__				---		206447	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BEHE	0.38	84.7	Pg	05:04:14.508	0.3					T__		126.6		---	ML	1.5	206440	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.38	84.7	Lg	05:04:19.977	0.5					T__				---		206448	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
PTJ	0.56	198.8	Pg	05:04:17.469	-0.1					T__		60.9		---	ML	1.6	206442	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.56	198.8	Lg	05:04:25.832	0.1					T__				---		206441	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A264A	0.79	110.2	Pg	05:04:21.928	-0.1					T__		107.1		---	ML	2.0	206443	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CRES	0.81	221.5	Pg	05:04:21.895	-0.1					T__		37.8		---	ML	1.5	206450	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.81	221.5	Lg	05:04:33.654	-0.1					T__				---		206449	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ARSA	0.95	329.6	Pg	05:04:22.929	-1.7					T__		72.5		---	ML	1.9	206446	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.95	329.6	Lg	05:04:37.550	1.1					T__				---		206451	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
OBKA	1.16	274.2	Lg	05:04:44.845	1.0					T__				---		206452	FDSN	OE	--	BUD	iLoc	HHN	???	_	

MPLH	1.16	50.4	Lg	05:04:44.175	-1.5	T__	---	206444	FDSN	HU	--	BUD	iLoc	HHN	???	_			
RONA	1.26	2.2	Pn	05:04:29.141	-1.6	T__	---	206435	FDSN	OE	--	BUD	iLoc	HHZ	???	_			
RONA	1.26	2.2	Lg	05:04:47.848	0.2	T__	---	206453	FDSN	OE	--	BUD	iLoc	HHN	???	_			
SOP	1.27	10.2	Lg	05:04:47.985	0.1	T__	---	206436	FDSN	HU	--	BUD	iLoc	HHN	???	_			
KOVH	1.35	104.3	Lg	05:04:50.315	0.6	T__	---	206454	FDSN	HU	--	BUD	iLoc	HHN	???	_			
CONA	1.51	350.7	Pn	05:04:34.400	0.2	T__	55.3	---	ML	2.1	206434	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.51	350.7	Lg	05:04:54.933	-0.5	T__	---	206455	FDSN	OE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
A018A	1.53	329.5	Pg	05:04:34.911	-0.0	T__	43.6	---	ML	2.0	206438	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	1.53	329.5	Lg	05:04:56.238	1.3	T__	---	206437	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
KRUC	2.63	2.4	Sn	05:05:24.009	2.3	T__	---	206445	FDSN	CZ	--	BUD	iLoc	HHE	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/08	15:49:08.30	1.78	0.51	46.1401	21.5735	15.2	5.6	107	5.6	23.0	7	4	208	0.14	1.13	ke	BUD	18001990	BUD			288

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	3 BUD	18001990

Sta	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	25.1	Pg	15:49:11.788	0.2					T__		125.7		_c_	ML	0.8	206508	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
SIRR	0.14	25.1	Lg	15:49:13.822	-0.4					T__				---		206509	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=1)																										
BZS	0.52	176.7	Pg	15:49:18.805	0.2					T__		21.5		_c_	ML	1.1	206511	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BZS	0.52	176.7	Lg	15:49:25.745	-0.4					T__				---		206510	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
DEV	0.96	105.0	Lg	15:49:39.983	-0.2					T__				---		206512	FDSN	RO	--	BUD	iLoc	HHN	???	_		
GZR	1.13	131.1	Pg	15:49:30.178	0.5					T__		34.0		---	ML	1.7	206514	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	1.13	131.1	Lg	15:49:44.822	-0.4					T__				---		206513	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/09	07:10:52.05	1.80	0.44	48.5262	20.7818	11.8	5.5	25	0.0f		8	5	227	0.16	0.89	sx	BUD	18001994	BUD			303

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	3 BUD	18001994

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.16	259.4	Pg	07:10:55.782	0.2					T__		129.7		---	ML	0.9	206622	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.16	259.4	Lg	07:10:58.343	0.0					T__				---		206625	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1)																										
(Station ML: 0.9 magdef=1)																										
KECS	0.20	257.8	Pg	07:10:56.065	-0.2					T__		874.0		---	ML	1.8	206623	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.20	257.8	Lg	07:10:59.437	-0.2					T__				---		206626	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.8 magdef=1)																										

(Station ML: 1.8 magdef=1  
 ABAH 0.38 126.9 Lg 07:11:06.549 -0.1 T\_\_  
 HU02A 0.44 203.1 Pg 07:11:01.604 0.2 T\_\_ 85.5 --- ML 1.5 206627 FDSN HU -- BUD iLoc HHE ??? \_  
 HU02A 0.44 203.1 Lg 07:11:07.906 -0.7 T\_\_ --- 206628 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 ET1H 0.89 223.6 Lg 07:11:24.251 0.5 T\_\_ --- 206624 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
2022/05/09	08:32:12.09	1.02	0.87	46.1868	18.2738	13.4	3.8	156	0.0f	5	3	147	0.16	1.11	sx	BUD	18001996	BUD				257

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
KOVH	0.16	230.9	Pg	08:32:16.264	0.4					T__		621.2		_c	ML	1.5	206720	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.16	230.9	Lg	08:32:18.203	-0.7					T__						206723	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
MORH	0.26	83.6	Pg	08:32:18.246	0.4					T__		396.2		---	ML	1.6	206721	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	0.26	83.6	Lg	08:32:21.585	-0.8					T__						206724	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
MPLH	1.11	333.1	Sn	08:32:50.607	-0.2					T__						206722	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	
2022/05/09	08:55:22.89	1.53	1.69	47.0341	18.0259	10.8	4.9	121	0.0f	6	4	188	0.16	0.40	sx	BUD	18001998	BUD					266

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
TIH	0.16	214.2	Lg	08:55:28.792	-1.1					T__						206761	FDSN	HU	--	BUD	iLoc	HHZ	???	_		
MPLH	0.36	292.5	Pg	08:55:31.469	0.8					T__		146.4		---	ML	1.5	206762	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	0.36	292.5	Lg	08:55:35.509	-1.1					T__						206760	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
CSKK	0.37	25.8	Lg	08:55:36.011	-1.4					T__						206763	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU08A	0.40	350.1	Pg	08:55:32.523	1.1					T__		130.9		---	ML	1.5	206764	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU08A	0.40	350.1	Lg	08:55:36.958	-1.5					T__						206759	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/09	09:49:50.30	0.79	0.84	48.3416	19.8876	4.6	3.5	136	0.0f	15	10	83	0.42	1.56	sx	BUD	18002000	BUD					139

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 5 BUD 18002000

Sta	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	70.2	Pg	09:49:59.008	0.1					T__		194.0		---	ML	1.8	206815	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

KECS	0.42	70.2	Lg	09:50:05.279	-0.2	T__								206819	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
PSZ	0.42	179.4	Pg	09:49:59.985	0.4	T__	124.4							206820	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	179.4	Lg	09:50:05.750	-0.8	T__								206821	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
JOS	0.46	70.2	Pg	09:49:59.342	-0.3	T__	72.4							206822	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	70.2	Lg	09:50:06.362	-0.4	T__								206816	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=0)																						
ET1H	0.46	181.4	Lg	09:50:06.602	-0.8	T__								206823	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU03A	0.48	203.9	Lg	09:50:07.427	-0.4	T__								206824	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.48	117.0	Pg	09:50:00.079	-0.4	T__	85.9							206825	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	117.0	Lg	09:50:07.899	-0.4	T__								206817	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
VVHS	0.72	282.7	Lg	09:50:13.575	-1.8	T__								206826	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	0.90	92.4	Lg	09:50:21.559	-0.8	T__								206827	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.11	14.0	Lg	09:50:26.995	-0.6	T__								206818	FDSN	PL	--	BUD	iLoc	BHN	???	_
JAVC	1.56	290.2	Pn	09:50:20.281	0.9	T__	69.4							206829	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.56	290.2	Sn	09:50:41.400	1.1	T__								206828	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=0)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/09	10:23:11.58	0.81	0.78	48.8322	21.3004	5.5	4.1	146	0.0f	18	11	96	0.54	1.67	sx	BUD	18002002	BUD				149

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	10 BUD	18002002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.54	184.3	Pg	10:23:23.182	0.8					T__		94.6		_c_	ML	1.8	206902	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.54	184.3	Lg	10:23:30.809	-0.7					T__						206907	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.61	236.6	Pg	10:23:24.032	0.4					T__	99.0				ML	1.8	206904	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	236.6	Lg	10:23:32.751	-0.0					T__						206908	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.64	237.4	Pg	10:23:24.902	0.5					T__	156.0				ML	2.1	206906	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.64	237.4	Lg	10:23:33.823	-0.2					T__						206910	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOLS	0.65	80.7	Lg	10:23:33.722	-0.9					T__						206909	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.88	216.3	Pg	10:23:29.251	-0.4					T__	125.5				ML	2.1	206903	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	216.3	Lg	10:23:41.692	-1.4					T__						206912	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
NIE	0.88	312.1	Pg	10:23:27.803	-0.4					T__	32.0				ML	1.5	206911	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									

TRPA	1.08	130.0	Pg	10:23:31.876	-0.6	T__	65.0	---	ML	1.9	206905	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.08	130.0	Lg	10:23:47.776	-1.4	T__		---			206913	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KWP	1.22	48.5	Pg	10:23:35.535	0.9	T__	119.7	---	ML	2.3	206915	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_
KWP	1.22	48.5	Lg	10:23:51.739	-0.7	T__		---			206914	FDSN	PL	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
PSZ	1.31	226.2	Pn	10:23:37.262	0.1	T__	73.5	---	ML	2.1	206917	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.31	226.2	Sn	10:23:54.821	-0.6	T__		---			206916	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
ET1H	1.35	225.5	Pn	10:23:38.100	0.4	T__	39.9	---	ML	1.9	206918	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
VYHS	1.67	259.2	Pn	10:23:42.564	0.5	T__	14.8	---	ML	1.6	206919	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/09	11:57:25.38	0.96	1.11	47.1046	18.0500	6.3	3.9	119	0.0f		8	6	108	0.23	1.02	sx	BUD	18002004	BUD			181

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	18002004

Sta	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	207.7	Pg	11:57:30.677	0.1					T__	471.7			---	ML	1.6	206957	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.30	28.9	Pg	11:57:32.711	0.9					T__	102.4			---	ML	1.1	206958	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.30	28.9	Lg	11:57:36.178	-1.3					T__				---		206960	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MPLH	0.35	280.9	Lg	11:57:38.161	-0.8					T__				---		206961	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A271A	0.54	84.4	Lg	11:57:44.161	-1.6					T__				---		206962	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	0.98	155.1	Lg	11:57:59.466	0.2					T__				---		206963	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.02	178.0	Pg	11:57:46.601	0.7					T__	30.9			---	ML	1.6	206964	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.02	178.0	Lg	11:58:01.135	0.3					T__				---		206959	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/10	04:07:09.15	1.60	0.45	47.7739	16.4220	22.3	4.8	7	13.0	20.9	6	4	135	0.11	1.29	ke	BUD	18002010	BUD			229

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	
RONA	0.11	228.9	Pg	04:07:12.799	0.2					T__				---		207106	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.11	228.9	Lg	04:07:14.899	-0.2					T__				---		207107	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.13	134.5	Pg	04:07:13.018	0.3					T__	57.9			---	ML	0.4	207108	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

SOP	0.13	134.5	Lg	04:07:14.838	-0.4	T__	---	207110	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.4 magdef=1																
(Station ML: 0.4 magdef=0																
CONA	0.41	292.5	Lg	04:07:23.383	-0.1	T__	---	207111	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.29	359.2	Sn	04:07:49.748	-0.3	T__	---	207109	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/10	07:01:48.91	0.89	1.05	47.9320	19.4294	6.5	3.4	1	0.0f	15	11	144	0.12	1.49	sx	BUD	18002012	BUD				148

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	18002012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.12	103.8	Pg	07:01:52.312	0.5					T__		2069.4		---	ML	1.9	207145	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.12	103.8	Lg	07:01:54.357	0.2					T__				---		207144	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1																									
(Station ML: 1.9 magdef=0																									
HU10A	0.29	252.7	Lg	07:02:00.547	0.2					T__				---		207146	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.30	99.9	Pg	07:01:55.672	0.0					T__		89.9		---	ML	1.1	207148	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.30	99.9	Lg	07:02:00.401	-0.3					T__				---		207147	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1																									
(Station ML: 1.1 magdef=0																									
PSZ	0.31	92.3	Pg	07:01:55.909	-0.1					T__		169.2		---	ML	1.4	207141	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	92.3	Lg	07:02:00.401	-1.1					T__				---		207149	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1																									
(Station ML: 1.4 magdef=1																									
VYHS	0.69	325.0	Lg	07:02:12.423	-0.8					T__				---		207150	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.76	75.1	Pg	07:02:04.236	-0.5					T__		57.5		---	ML	1.7	207142	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	75.1	Lg	07:02:15.447	-1.2					T__				---		207153	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1																									
(Station ML: 1.7 magdef=1																									
HU09A	0.76	247.8	Lg	07:02:14.915	-2.0					T__				---		207151	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.90	51.6	Lg	07:02:19.646	-0.6					T__				---		207143	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.93	52.4	Pg	07:02:08.070	0.6					T__		42.3		---	ML	1.6	207152	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=1																									
ABAH	1.27	72.6	Pg	07:02:14.479	0.7					T__		54.2		---	ML	1.9	207154	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1																									
(Station ML: 1.9 magdef=1																									
JAVC	1.49	309.0	Sn	07:02:39.375	2.1					T__				---		207155	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/10	07:21:38.59	1.48	0.55	47.4096	18.3112	13.2	5.3	114	0.0f	4	3	204	0.06	0.26	sx	BUD	18002014	BUD				301

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	216.5	Pg	07:21:40.608	0.2					T__		919.1		---	ML	1.4	207179	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	216.5	Lg	07:21:41.905	-0.5					T__				---		207181	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1																									

(Station ML: 1.4 magdef=0  
 HU09A 0.23 11.9 Lg 07:21:48.068 -0.2 T\_\_ --- 207182 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 HU08A 0.26 274.8 Lg 07:21:49.215 -0.1 T\_\_ --- 207180 FDSN ZJ 00 BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/10	08:55:23.22	0.92	0.60	48.4563	21.7490	6.9	4.0	163	0.0f		13	9	122	0.38	1.79	sx	BUD	18002016	BUD			208

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.1 5 BUD 18002016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
ABAH	0.38	244.9	Pg	08:55:31.204	0.2					T__		131.5		---	ML	1.5	207263	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.38	244.9	Lg	08:55:37.589	-0.0					T__				---		207264	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0)																										
KOLS	0.59	35.8	Pg	08:55:34.909	0.2					T__				---		207258	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
KOLS	0.59	35.8	Lg	08:55:43.706	-0.7					T__				---		207266	FDSN	SK	--	BUD	iLoc	HHN	???	_		
TRPA	0.62	121.4	Pg	08:55:35.198	-0.2					T__		60.2		---	ML	1.6	207265	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																										
JOS	0.81	273.3	Pg	08:55:39.485	0.3					T__		63.8		---	ML	1.8	207259	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.81	273.3	Lg	08:55:51.072	-0.2					T__				---		207267	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																										
KECS	0.84	272.3	Pg	08:55:40.111	0.1					T__		165.7		---	ML	2.2	207260	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.84	272.3	Lg	08:55:51.930	-0.6					T__				---		207268	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0)																										
HU02A	0.88	248.2	Pg	08:55:41.284	-0.1					T__		52.0		---	ML	1.7	207261	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
PSZ	1.35	247.2	Sn	08:56:08.180	0.1					T__				---		207257	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	1.38	246.0	Sn	08:56:07.782	-1.0					T__				---		207269	FDSN	HU	--	BUD	iLoc	HHN	???	_		
DRGR	1.79	158.3	Sn	08:56:20.062	1.2					T__				---		207262	FDSN	RO	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/10	09:01:20.28	0.95	0.91	48.4603	19.3866	6.9	3.4	4	0.0f		11	7	171	0.37	0.83	sx	BUD	18002018	BUD			244

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.4 4 BUD 18002018

Sta	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	275.5	Pg	09:01:28.402	0.5					T__		32.8		---	ML	0.8	207335	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.37	275.5	Lg	09:01:32.601	-0.9					T__				---		207336	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1)																										
PSZ	0.64	147.7	Lg	09:01:43.557	-0.3					T__				---		207334	FDSN	GE	--	BUD	iLoc	HHN	???	_		
HU10A	0.66	202.0	Lg	09:01:44.087	-0.5					T__				---		207337	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
ET1H	0.67	150.7	Lg	09:01:44.427	0.1					T__				---		207338	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KECS	0.73	87.8	Pg	09:01:36.180	1.3					T__		125.7		---	ML	2.0	207332	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_	



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KECS  0.73 87.8 Lg      09:01:45.346 -0.5      T__          ---          207339      FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS   0.77 86.9 Pg      09:01:36.052  0.5      T__          49.9      --- ML      1.6 207333      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.77 86.9 Lg      09:01:45.876 -1.2      T__          ---          207340      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.83 113.6 Pg      09:01:37.376 -0.1      T__          33.5      --- ML      1.5 207342      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.83 113.6 Lg      09:01:49.135 -1.2      T__          ---          207341      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/05/10 09:22:00.45  0.84  0.51 47.8677 16.0646  4.9  4.7  87  0.0f  13  7  83  0.15  1.51  sx BUD  18002020  BUD  157

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Magnitude Err Nsta Author  OrigID
ML 1.7 0.4 4 BUD 18002020

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
CONA 0.15 294.0 Pg      09:22:03.542 -0.1      T__          290.9      --- ML      1.2 207396      FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA 0.15 294.0 Lg      09:22:06.080  0.1      T__          ---          207402      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
RONA 0.23 137.0 Pg      09:22:05.295 -0.0      T__          ---          207398      FDSN OE      -- BUD  iLoc  HHZ ??? _
RONA 0.23 137.0 Lg      09:22:09.093  0.4      T__          ---          207397      FDSN OE      -- BUD  iLoc  HHN ??? _
AO08A 0.57 331.3 Lg      09:22:20.038  0.7      T__          ---          207403      FDSN Z3      00 BUD  iLoc  HH2 ??? _
ARSA 0.72 210.9 Pg      09:22:13.694 -0.7      T__          49.0      --- ML      1.6 207399      FDSN OE      -- BUD  iLoc  HHZ HHZ _
ARSA 0.72 210.9 Lg      09:22:24.120  0.7      T__          ---          207404      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MODS 0.96 57.6 Pg      09:22:20.413  0.5      T__          ---          207400      FDSN SK      -- BUD  iLoc  HHZ ??? _
MODS 0.96 57.6 Lg      09:22:34.126 -0.5      T__          ---          207405      FDSN SK      -- BUD  iLoc  HHN ??? _
KRUC 1.22 10.3 Pg      09:22:23.554 -0.2      T__          36.6      --- ML      1.7 207401      FDSN CZ      -- BUD  iLoc  HHZ HHZ _
KRUC 1.22 10.3 Sn      09:22:41.375 -0.5      T__          ---          207406      FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CKRC 1.51 309.8 Pg      09:22:28.576 -0.2      T__          92.1      --- ML      2.3 207408      FDSN CZ      -- BUD  iLoc  HHZ HHZ _
CKRC 1.51 309.8 Sn      09:22:48.881 -0.3      T__          ---          207407      FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/05/10 09:34:03.84  1.01  0.61 48.5118 20.7848  7.9  3.4  5  0.0f  11  8 156  0.16  1.30  sx BUD  18002022  BUD  215

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Magnitude Err Nsta Author  OrigID
ML 1.2 0.2 3 BUD 18002022

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
JOS  0.16 264.5 Pg      09:34:07.723  0.4      T__          294.4      --- ML      1.2 207437      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS  0.16 264.5 Lg      09:34:10.316  0.2      T__          ---          207439      FDSN ZJ      -- BUD  iLoc  HHN ??? _

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.20 261.9 Pg 09:34:08.234 0.2 T__ 2331.7 ___ ML 2.2 207438 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.20 261.9 Lg 09:34:11.485 0.1 T__ ___ 207440 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ABAH 0.37 125.3 Pg 09:34:12.173 0.6 T__ 61.5 ___ ML 1.1 207442 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.37 125.3 Lg 09:34:17.139 -1.0 T__ ___ 207441 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.43 204.1 Lg 09:34:19.920 -0.0 T__ ___ 207443 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.84 225.4 Lg 09:34:33.289 -1.0 T__ ___ 207444 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.88 224.3 Lg 09:34:34.707 -0.5 T__ ___ 207445 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.07 66.3 Pg 09:34:24.196 -0.0 T__ ___ 207446 FDSN SK -- BUD iLoc HHZ ??? _
VYHS 1.30 269.9 Sn 09:34:46.793 -0.5 T__ ___ 207447 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
2022/05/10 10:13:18.08 0.38 0.66 47.5504 18.3824 5.0 3.7 106 0.0A 0.0 10 7 132 0.09 1.11 m kx BUD 18002024 BUD 360
2022/05/10 10:13:15.73 0.94 1.06 47.5577 18.4810f 0.0f 10 7 147 0.10 1.15 kx BUD_GT 18002025 BUD_GT 245
(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 18002025

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.10 320.5 Pg 10:13:18.770 0.4 T__ 1806.2 ___ ML 1.8 207473 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.10 320.5 Lg 10:13:19.738 -1.2 T__ ___ 207475 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CSKK 0.25 217.6 Pg 10:13:21.162 0.0 T__ 253.6 ___ ML 1.4 207474 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.25 217.6 Lg 10:13:24.869 -1.0 T__ ___ 207476 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SRO 0.28 336.2 Lg 10:13:26.520 -0.4 T__ ___ 207477 FDSN SK -- BUD iLoc EHN ??? _
VYHS 0.97 14.1 Pn 10:13:37.290 1.6 T__ 18.6 ___ ML 1.3 207478 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 14.1 Lg 10:13:50.573 1.0 T__ ___ 207479 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ET1H 0.99 70.6 Sn 10:13:51.865 0.1 T__ ___ 207480 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.02 68.8 Sn 10:13:53.774 0.8 T__ ___ 207481 FDSN GE -- BUD iLoc HHN ??? _
MODS 1.15 315.7 Sn 10:13:54.365 -1.7 T__ ___ 207482 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
2022/05/10 10:39:02.04 0.85 0.56 47.6194 16.3658 4.8 3.8 19 0.0f 13 8 81 0.09 1.44 sx BUD 18002026 BUD 128

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Magnitude Err Nsta Author OrigID
ML 1.4 0.5 3 BUD 18002026

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Sta 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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RONA	0.09	329.7	Pg	10:39:04.272	-0.0	T__									207512	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.09	329.7	Lg	10:39:06.262	0.3	T__									207518	FDSN	OE	--	BUD	iLoc	HHE	???	_
SOP	0.14	63.8	Pg	10:39:05.368	0.1	T__				256.1					207511	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	63.8	Lg	10:39:08.271	0.5	T__									207519	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.1 magdef=1)																							
(Station ML: 1.1 magdef=1)																							
A260A	0.41	145.4	Lg	10:39:16.175	-0.2	T__									207514	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CONA	0.46	312.5	Pg	10:39:11.247	-0.0	T__				70.2					207513	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.46	312.5	Lg	10:39:18.350	0.9	T__									207515	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
ARSA	0.68	237.5	Lg	10:39:23.965	0.2	T__									207520	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.97	38.7	Pg	10:39:22.209	0.4	T__									207517	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.97	38.7	Lg	10:39:36.963	0.2	T__									207516	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOGS	1.17	183.9	Lg	10:39:41.040	1.1	T__									207521	FDSN	SL	--	BUD	iLoc	BHN	???	_
KRUC	1.44	0.8	Pn	10:39:28.721	-0.7	T__				49.4					207523	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.44	0.8	Sn	10:39:48.733	-0.4	T__									207522	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/11	06:22:25.04	1.24	0.67	46.0373	22.8744	9.3	4.8	48	0.0f		10	6	141	0.16	0.97	sx	BUD	18002028	BUD			207

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	18002028

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.16	172.5	Pg	06:22:28.078	0.1					T__		816.9			ML	1.6	207583	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	172.5	Lg	06:22:30.364	0.2					T__						207587	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
GZR	0.65	186.1	Pg	06:22:37.140	-0.3					T__		50.0			ML	1.6	207584	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.65	186.1	Lg	06:22:46.345	-0.3					T__						207588	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.76	351.5	Lg	06:22:51.568	-0.7					T__						207589	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.86	132.9	Pg	06:22:41.834	0.3					T__		54.5			ML	1.7	207585	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.86	132.9	Lg	06:22:54.254	0.1					T__						207590	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SIRR	0.88	285.7	Pg	06:22:43.290	0.4					T__		29.5			ML	1.5	207586	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.88	285.7	Lg	06:22:54.173	-1.3					T__						207591	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
BZS	0.97	244.9	Lg	06:22:58.392	0.6					T__						207592	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/11	07:38:30.53	1.13	0.55	47.9840	16.6451	7.9	4.7	118	0.0f		8	6	143	0.31	1.09	sx	BUD	18002030	BUD				199

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.31	191.0	Lg	07:38:41.580	0.2					T__						207621	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.37	219.7	Pg	07:38:38.010	-0.1					T__						207618	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.37	219.7	Lg	07:38:42.461	-0.8					T__						207619	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.53	264.2	Pg	07:38:41.105	-0.0					T__		36.0		---	ML	1.3	207617	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.53	264.2	Lg	07:38:48.671	0.5					T__						207616	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
MODS	0.58	47.1	Lg	07:38:51.985	0.2					T__						207622	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	1.06	226.4	Lg	07:39:04.838	0.7					T__						207623	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.09	351.3	Lg	07:39:07.201	-0.4					T__						207620	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/11	07:50:37.26	0.24	0.61	47.9184	19.4465	4.5	2.4	165	0.0A	0.0	18	11	115	0.10	1.14	m	kx BUD	18002032	BUD			360	
2022/05/11	07:50:35.24	0.83	0.94	47.8920	19.4049f				0.0f		18	11	120	0.13	1.10		kx BUD_GT	18002033	BUD_GT			153	
(locality : Bercel Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	8 BUD	18002033

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.13	84.8	Pg	07:50:39.163	0.7					T__		1398.5		---	ML	1.8	207659	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	84.8	Lg	07:50:40.316	-0.7					T__						207666	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU10A	0.26	259.9	Pg	07:50:42.886	1.8					T__		839.0		---	ML	2.0	207658	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.26	259.9	Lg	07:50:46.486	0.7					T__						207667	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	0.31	92.2	Pg	07:50:41.773	-0.5					T__		110.6		---	ML	1.2	207660	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	92.2	Lg	07:50:46.911	-0.5					T__						207668	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
PSZ	0.33	85.2	Pg	07:50:42.258	-0.5					T__		163.1		---	ML	1.4	207661	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	85.2	Lg	07:50:47.235	-1.2					T__						207662	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
BUD	0.48	212.3	Lg	07:50:53.779	0.2					T__						207669	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.71	327.9	Pn	07:50:51.420	-0.2					T__		26.3		---	ML	1.3	207665	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.71	327.9	Lg	07:50:59.502	-0.8					T__						207664	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU09A	0.73	250.2	Lg	07:51:02.031	-0.2					T__						207670	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.79	72.6	Pg	07:50:50.349	-1.2					T__		63.3		---	ML	1.7	207663	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.93	50.3	Pn	07:50:54.655	0.2					T__		106.4		---	ML	2.0	207672	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.93	50.3	Lg	07:51:06.484	-1.4					T__						207671	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									

JOS	0.97	51.1	Pn	07:50:55.050	0.1	T__					47.6	___	ML	1.7	207673	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.97	51.1	Lg	07:51:07.835	-1.8	T__						---			207674	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
HU08A	1.10	245.8	Lg	07:51:14.486	0.3	T__						---			207675	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/11	08:27:27.57	1.23	0.68	48.5546	20.8067	6.5	5.8	175	0.0f		11	8	89	0.19	1.04	sx	BUD	18002034	BUD			176

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	3 BUD	18002034

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.19	251.8	Pg	08:27:31.780	0.3					T__		189.8		---	ML	1.1	207712	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	251.8	Lg	08:27:35.355	0.7					T__				---		207713	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.23	251.6	Pg	08:27:32.341	0.1					T__		621.7		---	ML	1.7	207714	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.23	251.6	Lg	08:27:36.326	0.4					T__				---		207715	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.39	131.7	Lg	08:27:42.910	0.6					T__				---		207720	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	203.6	Lg	08:27:45.246	0.0					T__				---		207716	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.88	224.1	Pg	08:27:45.533	-0.6					T__		73.1		---	ML	1.9	207719	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	224.1	Lg	08:27:58.237	-1.2					T__				---		207718	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	0.92	223.1	Lg	08:27:59.639	-0.7					T__				---		207721	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.93	339.1	Lg	08:27:57.582	-0.7					T__				---		207717	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	1.04	68.1	Lg	08:28:03.618	-0.0					T__				---		207722	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
2022/05/11	09:10:47.86	0.70	0.71	48.6643	18.5998	5.0	3.3	34	0.0f		18	12	86	0.23	1.39	sx	BUD	18002036	BUD			128

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	6 BUD	18002036

Sta	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	137.3	Pg	09:10:52.990	0.2					T__		117.0		---	ML	1.0	207788	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	137.3	Lg	09:10:57.724	1.3					T__				---		207792	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
JAVC	0.64	287.9	Pg	09:11:01.317	0.1					T__		100.9		---	ML	1.9	207789	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU10A	0.87	161.0	Lg	09:11:18.668	-0.5					T__				---		207793	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.87	192.8	Lg	09:11:19.581	0.2					T__				---		207794	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MODS	0.93	252.2	Pg	09:11:07.278	0.7					T__				---		207790	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.93	252.2	Lg	09:11:20.022	-0.7					T__				---		207795	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.14	130.3	Sn	09:11:27.228	-0.3					T__				---		207785	FDSN	GE	--	BUD	iLoc	HHN	???	_	

ET1H	1.16	132.3	Sn	09:11:26.419	-1.4	T__										207786	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	1.27	97.5	Pn	09:11:13.068	0.3	T__	135.9									2.3	207782	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	1.27	97.5	Sn	09:11:30.910	0.4	T__											207781	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
JOS	1.30	96.7	Pn	09:11:12.218	-1.0	T__	46.4									1.9	207779	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.30	96.7	Sn	09:11:31.679	0.4	T__											207780	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORC	1.31	328.5	Pg	09:11:12.792	0.6	T__	45.0									1.9	207791	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.31	328.5	Lg	09:11:30.716	0.2	T__											207796	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
NIE	1.35	55.4	Lg	09:11:31.679	-0.6	T__											207787	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	1.39	112.2	Pn	09:11:14.059	-0.5	T__	36.0									1.8	207783	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.39	112.2	Sn	09:11:33.823	0.1	T__											207784	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/11	11:10:35.71	0.75	1.06	48.1273	18.9866	3.4	2.9	14	0.0f		24	14	85	0.28	1.17	sx	BUD	18002038	BUD			119

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	9 BUD	18002038

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.28	175.6	Pg	11:10:42.380	0.5					T__		343.2			ML	1.6	207861	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.28	175.6	Lg	11:10:46.567	-0.2					T__						207873	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.38	344.8	Pg	11:10:45.535	1.9					T__		31.8			ML	0.9	207864	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.38	344.8	Lg	11:10:48.761	-0.7					T__						207874	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
HU03A	0.47	118.3	Pg	11:10:46.547	0.9					T__		138.0			ML	1.7	207863	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.47	118.3	Lg	11:10:53.971	1.0					T__						207862	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SRO	0.55	235.5	Lg	11:10:55.304	-0.9					T__						207865	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU09A	0.64	220.0	Lg	11:10:58.338	-0.8					T__						207866	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.64	112.4	Pg	11:10:51.186	1.8					T__		35.7			ML	1.4	207869	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.64	112.4	Lg	11:10:58.509	-0.6					T__						207868	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.64	108.6	Pg	11:10:49.992	0.4					T__		58.7			ML	1.6	207867	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.64	108.6	Lg	11:10:59.186	-0.4					T__						207884	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.91	212.9	Pg	11:10:55.461	1.7					T__		113.2			ML	2.1	207871	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.91	212.9	Lg	11:11:07.275	-1.2					T__						207870	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

HU08A	1.00	226.2	Lg	11:11:10.433	-0.7	T__									207872	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	1.03	89.7	Sn	11:11:11.805	-0.8	T__									207875	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	1.06	69.9	Pg	11:10:56.513	-0.3	T__				123.7			ML	2.2	207877	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	1.06	69.9	Lg	11:11:11.845	-1.4	T__									207876	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=0)																							
JOS	1.10	69.8	Pg	11:10:57.357	-0.1	T__				70.1			ML	2.0	207879	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.10	69.8	Sn	11:11:12.924	-1.4	T__									207878	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
JAVC	1.14	310.4	Pg	11:10:59.409	0.5	T__				67.2			ML	2.0	207880	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.14	310.4	Sn	11:11:15.299	-0.1	T__									207881	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
MODS	1.17	282.8	Pg	11:10:59.556	0.3	T__									207882	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.17	282.8	Sn	11:11:14.525	-1.5	T__									207883	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
2022/05/11	11:49:18.95	0.77	0.92	48.1176	18.9734	3.4	3.2	28	0.0f		18	13	83	0.27	1.16	sx	BUD	18002040	BUD			118

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	18002040

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.27	173.6	Pg	11:49:26.095	1.2					T__		286.5			ML	1.5	207932	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.27	173.6	Lg	11:49:29.777	0.0					T__						207949	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	0.39	346.4	Pg	11:49:28.219	1.2					T__		20.5			ML	0.7	207935	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.39	346.4	Lg	11:49:33.216	0.2					T__						207936	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
A338A	0.43	256.4	Lg	11:49:34.164	-1.0					T__						207937	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
HU03A	0.47	116.7	Lg	11:49:36.614	0.3					T__						207933	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.54	235.8	Lg	11:49:38.903	-0.1					T__						207938	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ET1H	0.65	111.3	Lg	11:49:42.501	-0.0					T__						207939	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.65	107.5	Pg	11:49:33.499	0.6					T__		52.2			ML	1.6	207934	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.65	107.5	Lg	11:49:42.441	-0.5					T__						207940	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU08A	0.99	226.3	Lg	11:49:52.542	-1.4					T__						207941	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	1.04	89.2	Sn	11:49:55.129	-1.0					T__						207942	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	1.07	69.5	Pg	11:49:40.611	0.3					T__		83.2			ML	2.0	207944	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	1.07	69.5	Lg	11:49:55.915	-0.9					T__						207943	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
JOS	1.11	69.5	Pg	11:49:40.788	-0.2					T__		36.4			ML	1.7	207945	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.11	69.5	Sn	11:49:56.537	-1.3					T__						207946	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JAVC	1.14	311.1	Sn	11:49:58.105	-0.5					T__						207947	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MODS	1.16	283.4	Sn	11:49:57.615	-1.5					T__						207948	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
2022/05/11	23:31:23.16	1.00	0.38	47.4204	18.2168	6.9	4.4	25	9.0f	5	3	125	0.06	0.25	ke	BUD	18002042	BUD				246

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	152.6	Pg	23:31:25.670	0.2					T__		830.1		___	ML	1.4	207985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	152.6	Lg	23:31:27.279	-0.3					T__				---		207986	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU08A	0.20	273.2	Pg	23:31:27.825	0.2					T__		57.1		___	ML	0.6	207987	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.20	273.2	Lg	23:31:31.006	-0.3					T__				---		207988	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
HU09A	0.25	27.2	Lg	23:31:32.704	-0.2					T__				---		207989	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/12	06:05:47.69	1.04	0.46	47.3724	18.3824	8.1	4.4	148	0.0f	10	9	108	0.08	1.25	sx	BUD	18002044	BUD					200

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.08	263.6	Pg	06:05:50.048	0.0					T__		910.6		___	ML	1.5	208012	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	263.6	Lg	06:05:51.929	-0.4					T__				---		208016	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU09A	0.27	360.0	Lg	06:05:58.776	0.2					T__				---		208013	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	280.9	Lg	06:06:00.189	-0.0					T__				---		208017	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.64	42.1	Lg	06:06:10.669	-0.9					T__				---		208018	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ET1H	1.13	62.7	Sn	06:06:27.579	0.6					T__				---		208019	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.16	61.3	Sn	06:06:28.154	0.3					T__				---		208020	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.16	15.0	Sn	06:06:27.954	0.1					T__				---		208014	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORH	1.17	171.1	Sn	06:06:28.175	0.2					T__				---		208015	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MODS	1.25	323.8	Sn	06:06:29.954	0.0					T__				---		208021	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	
2022/05/12	08:19:17.38	0.74	1.00	47.3312	18.3602	4.4	3.8	103	0.0f	15	11	106	0.07	1.45	sx	BUD	18002048	BUD					115

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 4 BUD 18002048

Sta	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	295.3	Pg	08:19:19.756	0.2					T__		2729.4		___	ML	1.9	208077	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	295.3	Lg	08:19:21.582	-0.2					T__				---		208078	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU09A	0.31	2.8	Pg	08:19:25.836	1.8					T__		402.8		___	ML	1.8	208080	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.31	2.8	Lg	08:19:29.014	-0.7					T__				---		208079	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	



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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 0.31 288.8 Lg 08:19:29.679 -0.1 T__ --- 208086 FDSN ZJ 00 BUD iLoc HHE ??? _
A267A 0.39 167.8 Lg 08:19:31.935 -0.5 T__ --- 208087 FDSN ZJ 00 BUD iLoc HHN ??? _
HU10A 0.68 40.7 Lg 08:19:40.992 -1.7 T__ --- 208081 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.13 170.0 Lg 08:19:56.110 -0.2 T__ --- 208083 FDSN HU -- BUD iLoc HHN ??? _
ET1H 1.16 61.2 Sn 08:19:57.028 -0.4 T__ --- 208088 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.19 59.9 Pn 08:19:40.772 -0.6 T__ --- ML 1.9 208084 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.19 59.9 Sn 08:19:58.265 -0.1 T__ --- 208089 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 1.21 15.2 Pn 08:19:40.626 -0.9 T__ 20.4 --- ML 1.5 208082 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.21 15.2 Sn 08:19:57.754 -0.9 T__ --- 208090 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOVH 1.26 188.3 Sn 08:20:01.435 1.7 T__ --- 208091 FDSN HU -- BUD iLoc HHN ??? _
RONA 1.45 285.5 Sn 08:20:04.875 0.3 T__ --- 208085 FDSN OE -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/12 08:37:47.22 1.02 1.39 48.2498 21.2346 6.1 4.0 154 0.0f 14 9 151 0.05 1.62 sx BUD 18002050 BUD 203

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Magnitude Err Nsta Author OrigID
ML 2.0 0.0 5 BUD 18002050

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Sta 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 4.2 Pg 08:37:48.770 0.0 T__ 19743.9 _c_ ML 2.7 208125 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 4.2 Lg 08:37:49.514 -0.8 T__ --- 208132 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
HU02A 0.49 255.2 Pg 08:37:57.626 -0.0 T__ 68.2 --- ML 1.5 208126 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.49 255.2 Lg 08:38:04.144 -1.5 T__ --- 208133 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
JOS 0.52 298.2 Pg 08:37:58.046 0.3 T__ 81.8 --- ML 1.7 208127 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 298.2 Lg 08:38:05.258 -0.6 T__ --- 208134 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.55 295.3 Pg 08:37:58.712 0.4 T__ 154.3 --- ML 2.0 208129 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.55 295.3 Lg 08:38:06.116 -0.7 T__ --- 208128 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TRPA 0.88 97.3 Pg 08:38:04.948 0.6 T__ 99.4 --- ML 2.0 208130 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.88 97.3 Lg 08:38:17.035 -1.9 T__ --- 208135 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.96 250.2 Lg 08:38:19.935 -1.8 T__ --- 208136 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.8 Lg 08:38:19.838 -1.8 T__ --- 208137 FDSN SK -- BUD iLoc HHN ??? _
ET1H 0.99 248.4 Lg 08:38:21.673 -0.6 T__ --- 208131 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.62 279.6 Sn 08:38:41.183 2.6 T__ --- 208138 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
2022/05/12	08:58:50.72	1.06	1.13	48.8957	21.3458	8.7	4.7	156	0.0f	11	9	138	0.60	1.41	sx	BUD	18002052	BUD				211

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	18002052

Sta	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	0.60	186.7	Pg	08:59:02.816	-0.0					T__		70.6		___	ML	1.7	208196	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KOLS	0.61	86.1	Pg	08:59:02.702	0.2					T__				---		208194	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
JOS	0.67	233.5	Pg	08:59:04.552	0.6					T__		65.3		---	ML	1.7	208202	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	233.5	Lg	08:59:13.110	-0.9					T__				---		208197	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KECS	0.70	234.4	Pg	08:59:05.331	0.6					T__		87.5		---	ML	1.8	208192	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.70	234.4	Lg	08:59:14.132	-1.1					T__				---		208198	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
NIE	0.86	307.7	Lg	08:59:17.864	-1.4					T__				---		208195	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.95	215.5	Pg	08:59:09.202	-0.9					T__		34.6		---	ML	1.6	208193	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
TRPA	1.10	133.5	Lg	08:59:27.710	-1.2					T__				---		208199	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.38	225.2	Sn	08:59:37.573	1.4					T__				---		208200	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.41	224.6	Sn	08:59:38.136	1.1					T__				---		208201	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
2022/05/12	09:07:30.40	1.01	0.45	48.8084	19.8158	5.6	4.3	88	0.0f	12	7	142	0.55	1.08	sx	BUD	18002054	BUD				233

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18002054

Sta	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	126.0	Pg	09:07:41.468	0.0					T__		102.5		___	ML	1.8	208240	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.55	126.0	Lg	09:07:49.995	0.3					T__				---		208241	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
JOS	0.57	122.8	Pg	09:07:41.393	-0.4					T__		32.1		---	ML	1.3	208234	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.57	122.8	Lg	09:07:50.632	0.2					T__				---		208237	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
NIE	0.69	27.3	Pg	09:07:43.804	0.4					T__		37.2		---	ML	1.5	208235	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.69	27.3	Lg	09:07:52.458	-0.8					T__				---		208238	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
VYHS	0.72	244.5	Lg	09:07:55.138	-0.4					T__				---		208242	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.83	145.2	Pg	09:07:47.045	-0.5					T__		45.2		---	ML	1.6	208244	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	145.2	Lg	09:08:00.534	0.1					T__				---		208243	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
ET1H	0.93	177.7	Pg	09:07:50.412	0.6					T__		31.6		---	ML	1.5	208245	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

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ET1H  0.93 177.7 Lg      09:08:03.390  0.0          T__          ---          208239      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
ABAH  1.08 117.9 Lg      09:08:07.358 -0.0          T__          ---          208236      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
2022/05/12 09:10:08.66  0.87  1.33 48.9733  18.2945  6.0   3.9  22  0.0f      11   9  85  0.43  1.71  sx BUD      18002056  BUD          142

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Magnitude  Err Nsta Author      OrigID
ML         1.7 0.3   4 BUD      18002056

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
JAVC  0.43 254.7 Pg      09:10:17.718  0.0          T__          116.3          --- ML  1.6 208278      FDSN CZ  -- BUD  iLoc  HHZ HHZ _
JAVC  0.43 254.7 Lg      09:10:24.219 -0.4          T__          ---          208279      FDSN CZ  -- BUD  iLoc  HHN ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
VYHS  0.60 143.0 Pg      09:10:20.746 -0.1          T__          22.9          --- ML  1.2 208277      FDSN SK  -- BUD  iLoc  HHZ HHZ _
VYHS  0.60 143.0 Lg      09:10:28.524 -1.0          T__          ---          208280      FDSN SK  -- BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
MODS  0.90 228.7 Lg      09:10:40.367 -0.3          T__          78.8          --- ML  1.9 208281      FDSN CZ  -- BUD  iLoc  HHZ HHZ _
MORC  0.94 328.9 Pg      09:10:26.664  0.5          T__          ---          208282      FDSN SK  -- BUD  iLoc  HHN ??? _
PSZ   1.50 134.1 Sn      09:10:58.233  1.1          T__          ---          208283      FDSN SK  -- BUD  iLoc  EHN ??? _
KECS  1.53 107.9 Sn      09:10:57.875  0.0          T__          ---          208285      FDSN ZJ  -- BUD  iLoc  HHZ HHZ _
JOS   1.56 107.0 Pg      09:10:39.837  0.5          T__          27.7          --- ML  1.8 208285      FDSN ZJ  -- BUD  iLoc  HHZ HHZ _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
OJC   1.59  37.5 Sn      09:10:56.972 -2.2          T__          ---          208284      FDSN PL  -- BUD  iLoc  BHE ??? _
HU02A 1.71 119.0 Sn      09:11:04.803  2.5          T__          ---          208286      FDSN ZJ  00 BUD  iLoc  HHN ??? _

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/05/12 09:31:14.51  1.22  0.89 48.4504  17.4612  11.8  3.4  123 0.0f      8   5 204 0.14  1.08  sx BUD      18002058  BUD          272

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Magnitude  Err Nsta Author      OrigID

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
MODS  0.14 238.0 Pg      09:31:18.040  0.0          T__          ---          208311      FDSN SK  -- BUD  iLoc  HHZ ??? _
MODS  0.14 238.0 Lg      09:31:20.660 -0.4          T__          ---          208317      FDSN SK  -- BUD  iLoc  HHN ??? _
ZST   0.35 223.4 Pg      09:31:22.349  0.4          T__          ---          208312      FDSN SK  -- BUD  iLoc  HHZ ??? _
ZST   0.35 223.4 Lg      09:31:27.051 -0.7          T__          ---          208314      FDSN SK  -- BUD  iLoc  HHN ??? _
JAVC  0.43  18.7 Pg      09:31:24.202  0.5          T__          95.3          --- ML  1.5 208316      FDSN CZ  -- BUD  iLoc  HHZ HHZ _
JAVC  0.43  18.7 Lg      09:31:29.278 -1.5          T__          ---          208318      FDSN CZ  -- BUD  iLoc  HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=0
KRUC  0.93 311.3 Lg      09:31:46.487  0.3          T__          ---          208315      FDSN CZ  -- BUD  iLoc  HHN ??? _
RONA  1.08 226.6 Pg      09:31:36.646  0.7          T__          ---          208313      FDSN OE  -- BUD  iLoc  HHZ ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/13	06:26:03.34	1.30	0.30	47.8737	20.3542	16.7	4.0	145	0.0A	0.0	8	5	246	0.27	0.63	m	kx BUD	18002066	BUD			360
2022/05/13	06:26:03.07	0.95	1.70	47.9590	20.3545f				0.0f		8	5	221	0.20	0.55		kx BUD_GT	18002067	BUD_GT			243

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.3	3 BUD	18002067

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	06:26:08.596	0.9					T__		171.4		---	ML	1.1	208538	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	06:26:11.545	-0.0					T__				---		208537	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.31	262.7	Pg	06:26:09.999	-0.2					T__		49.9		---	ML	0.9	208542	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	06:26:12.628	-3.0					T__				---		208543	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
ET1H	0.33	256.4	Lg	06:26:13.314	-2.6					T__				---		208544	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.53	9.4	Lg	06:26:23.403	1.3					T__				---		208540	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.55	12.9	Pg	06:26:15.264	1.1					T__		39.2		---	ML	1.4	208539	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	12.9	Lg	06:26:23.517	0.8					T__				---		208541	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/13	07:04:00.66	0.76	1.24	47.6379	18.5244	3.3	2.7	133	0.0f		23	16	102	0.10	1.60	sx	BUD	18002068	BUD			107

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD	18002068

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	270.4	Pg	07:04:03.505	0.4					T__		2657.5		_c_	ML	2.0	208587	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	270.4	Lg	07:04:04.400	-1.1					T__				---		208599	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
SR0	0.23	321.0	Pg	07:04:06.025	0.4					T__		6104.9		---	ML	2.7	208608	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.23	321.0	Lg	07:04:08.910	-1.1					T__				---		208607	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
CSKK	0.33	213.1	Pg	07:04:08.709	1.0					T__		326.1		---	ML	1.7	208588	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.33	213.1	Lg	07:04:12.982	-0.7					T__				---		208600	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU10A	0.39	57.9	Lg	07:04:14.995	-0.8					T__				---		208609	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A338A	0.39	343.0	Pg	07:04:10.997	2.0					T__		600.3		---	ML	2.2	208589	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.39	343.0	Lg	07:04:15.270	-0.6					T__				---		208590	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU08A	0.46	243.3	Lg	07:04:17.070	-0.7					T__				---		208601	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.69	182.4	Lg	07:04:25.564	-0.2					T__				---		208602	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	0.77	69.5	Lg	07:04:28.174	-0.3					T__				---		208591	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

VYHS	0.88	13.6	Pg	07:04:20.271	1.7	T__	17.9	___	ML	1.2	208593	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.88	13.6	Lg	07:04:29.912	-1.7	T__		---			208592	FDSN	SK	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=0)																			
ET1H	0.94	74.6	Pg	07:04:19.773	-0.7	T__	39.0	___	ML	1.6	208604	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.94	74.6	Lg	07:04:33.504	-0.9	T__		---			208603	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
PSZ	0.97	72.6	Pg	07:04:21.064	-0.0	T__	55.6	___	ML	1.8	208606	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.97	72.6	Lg	07:04:33.772	-1.9	T__		---			208605	FDSN	GE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
MODS	1.11	311.8	Sn	07:04:37.133	-2.5	T__		---			208594	FDSN	SK	--	BUD	iLoc	HNN	???	_
JAVC	1.35	335.3	Sn	07:04:46.174	0.7	T__		---			208595	FDSN	CZ	--	BUD	iLoc	HNN	???	_
MORH	1.43	176.7	Sn	07:04:47.012	-0.2	T__		---			208596	FDSN	HU	--	BUD	iLoc	HNN	???	_
KOVH	1.58	190.8	Lg	07:04:55.882	1.3	T__		---			208598	FDSN	HU	--	BUD	iLoc	HNN	???	_
JOS	1.60	56.8	Sn	07:04:53.032	1.4	T__		---			208597	FDSN	ZJ	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/13	07:32:43.82	1.02	0.91	46.2475	17.2510	5.8	4.0	70	7.6	7.8	12	7	86	0.09	0.97	ke	BUD	18002070	BUD			144

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	18002070

Sta	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	0.09	163.0	Pg	07:32:46.177	-0.2					T__		776.0		_d	ML	1.4	208647	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.09	163.0	Lg	07:32:48.491	0.2					T__				---		208648	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A263A	0.40	6.4	Pg	07:32:51.771	-0.2					T__		404.6		___	ML	2.0	208651	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.40	6.4	Lg	07:32:58.508	0.9					T__				---		208652	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A265A	0.42	64.7	Pg	07:32:51.618	-0.8					T__		405.2		___	ML	2.1	208650	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.42	64.7	Lg	07:32:59.016	0.7					T__				---		208649	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
KOVH	0.61	104.8	Pg	07:32:56.093	-0.1					T__		53.1		___	ML	1.6	208653	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.61	104.8	Lg	07:33:05.943	1.4					T__				---		208654	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOGS	0.72	286.5	Lg	07:33:08.002	0.6					T__				---		208655	FDSN	SL	--	BUD	iLoc	BHN	???	_	
PTJ	0.96	249.6	Lg	07:33:15.273	-0.8					T__				---		208656	FDSN	CR	--	BUD	iLoc	BHN	???	_	
MORH	0.97	91.4	Pg	07:33:01.646	-1.0					T__		24.6		___	ML	1.4	208658	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.97	91.4	Lg	07:33:16.493	0.8					T__				---		208657	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/05/13	07:33:54.39	2.66	0.62	48.5380	20.8687	16.4	7.3	96	0.0f		8	6	231	0.22	0.96	sx	BUD	18002072	BUD					309

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.22	259.2	Pg	07:33:59.433	0.4					T__		154.5		___	ML	1.1	208685	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.22	259.2	Lg	07:34:02.629	-0.0					T__				---		208688	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.26	258.0	Pg	07:33:59.981	0.2					T__		329.7		___	ML	1.5	208686	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.26	258.0	Lg	07:34:03.761	-0.2					T__				---		208687	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.48	209.0	Lg	07:34:12.157	-0.0					T__				---		208689	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.90	226.8	Lg	07:34:26.221	-0.6					T__				---		208690	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.94	225.7	Lg	07:34:26.762	-1.0					T__				---		208692	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.96	337.2	Lg	07:34:25.415	-0.7					T__				---		208691	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
2022/05/13	08:01:03.78	0.84	0.72	48.3860	19.1322	7.0	3.4	22	0.0f		12	9	143	0.22	1.24	sx	BUD	18002074	BUD			146

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	18002074

Sta	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	0.22	298.8	Pg	08:01:09.001	0.4					T__		335.3		_c_	ML	1.5	208723	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.22	298.8	Lg	08:01:12.032	-0.2					T__				---		208727	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU10A	0.55	188.0	Lg	08:01:24.080	0.1					T__				---		208724	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.69	132.2	Lg	08:01:28.171	-1.0					T__				---		208728	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.71	135.4	Lg	08:01:29.175	-0.1					T__				---		208729	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.91	83.3	Pg	08:01:22.678	0.9					T__		90.5		---	ML	2.0	208721	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
JOS	0.94	82.8	Pg	08:01:23.189	0.7					T__		36.5		___	ML	1.6	208720	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.94	82.8	Lg	08:01:35.569	-1.0					T__				---		208730	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.97	105.3	Pg	08:01:24.248	0.6					T__		75.8		___	ML	1.9	208722	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JAVC	1.08	296.6	Pg	08:01:25.913	0.2					T__		71.9		___	ML	2.0	208725	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.08	296.6	Sn	08:01:41.598	-0.3					T__				---		208731	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MODS	1.24	270.1	Sn	08:01:44.969	-0.8					T__				---		208726	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
2022/05/13	08:13:48.57	1.57	1.09	48.4798	21.4429	9.2	7.9	99	0.0f		9	6	166	0.23	1.18	sx	BUD	18002076	BUD			304

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.0 3 BUD 18002076

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.23	216.5	Pg	08:13:54.248	0.7					T__		327.4		---	ML	1.4	208760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.23	216.5	Lg	08:13:56.786	-1.1					T__				---		208761	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
JOS	0.60	271.9	Pg	08:14:00.584	-0.0					T__		43.7		---	ML	1.5	208762	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	271.9	Lg	08:14:10.553	0.8					T__				---		208765	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KECS	0.64	270.7	Lg	08:14:12.179	1.2					T__				---		208766	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.71	240.1	Pg	08:14:02.291	-1.0					T__		33.9		---	ML	1.4	208763	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	240.1	Lg	08:14:13.219	-1.2					T__				---		208764	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KOLS	0.71	50.2	Lg	08:14:13.056	-0.9					T__				---		208767	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.18	242.1	Sn	08:14:29.152	-0.0					T__				---		208768	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/13	08:40:55.26	0.52	0.41	47.8326	19.1158	8.9	3.4	4	0.0A	0.0	10	6	196	0.07	1.16	m	kx BUD	18002078	BUD			360
2022/05/13	08:40:53.57	0.92	0.98	47.8327	19.1394f				0.0f		10	6	194	0.08	1.15		kx BUD_GT	18002079	BUD_GT			258
(locality : Sejce-Vác Hungary) (GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.2 4 BUD 18002079

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	08:40:56.485	0.7					T__		587.4		---	ML	1.3	208850	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	08:40:57.051	-0.7					T__				---		208851	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
ET1H	0.50	84.3	Pg	08:41:04.607	0.4					T__		48.6		---	ML	1.4	208853	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	08:41:11.801	-0.2					T__				---		208852	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
PSZ	0.52	80.1	Lg	08:41:11.973	-1.1					T__				---		208854	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.1	Lg	08:41:17.274	-0.7					T__				---		208855	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU02A	0.98	72.2	Pg	08:41:15.016	1.3					T__		29.7		---	ML	1.5	208849	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	08:41:27.323	-1.8					T__				---		208856	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
JOS	1.15	54.2	Pg	08:41:16.342	0.0					T__		48.0		---	ML	1.8	208848	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	08:41:32.592	-0.8					T__				---		208857	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/05/13 09:54:18.84 1.03 1.06 46.1216 21.6295 9.6 3.7 88 0.0f 10 6 156 0.15 1.64 sx BUD 18002080 BUD 205

Magnitude Err Nsta Author OrigID  
ML 1.6 0.4 4 BUD 18002080

Sta	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	8.2	Pg	09:54:22.254	-0.1					T__		434.9		---	ML	1.3 208887	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
SIRR	0.15	8.2	Lg	09:54:25.305	-0.0					T__				---		208888	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
BZS	0.51	181.0	Pg	09:54:28.661	-0.2					T__		45.5		---	ML	1.4 208890	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BZS	0.51	181.0	Lg	09:54:35.881	-0.3					T__				---		208889	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU24A	0.85	337.8	Lg	09:54:50.627	1.5					T__				---		208891	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
DRGR	1.00	47.7	Pg	09:54:38.930	0.1					T__		144.2		---	ML	2.2 208894	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	1.00	47.7	Lg	09:54:51.542	-2.1					T__				---		208892	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
GZR	1.08	131.8	Pg	09:54:40.355	0.9					T__		62.7		---	ML	1.9 208893	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	1.08	131.8	Lg	09:54:54.794	0.2					T__				---		208895	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
LOT	1.64	113.5	Sn	09:55:10.760	-0.2					T__				---		208896	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/05/14 19:15:03.29 3.62 0.59 46.5496 17.8338 20.7 6.0 135 15.7 16.3 7 4 262 0.13 0.65 ke BUD 18002088 BUD 296

Magnitude Err Nsta Author OrigID  
ML 1.0 0.0 3 BUD 18002088

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A265A	0.13	192.0	Pg	19:15:07.038	-0.2					T__		154.3		---	ML	0.8 209073	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A265A	0.13	192.0	Lg	19:15:10.407	0.3					T__				---		209077	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
A266A	0.30	94.5	Pg	19:15:09.878	-0.0					T__		77.5		---	ML	1.0 209075	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A266A	0.30	94.5	Lg	19:15:15.246	0.4					T__				---		209076	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
KOVH	0.50	158.1	Pg	19:15:13.639	0.1					T__		20.9		---	ML	1.0 209072	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.50	158.1	Lg	19:15:20.623	0.1					T__				---		209071	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
MORH	0.65	120.6	Lg	19:15:25.051	-0.9					T__				---		209074	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  
2022/05/15 16:29:08.36 1.28 0.51 45.9064 16.0147 7.7 4.8 68 5.0f 7 4 176 0.03 0.57 ke BUD 18002090 BUD 282

Magnitude Err Nsta Author OrigID



ML 0.7 0.0 3 BUD 18002090

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PTJ	0.03	271.1	Pg	16:29:09.750	-0.2					T__		182.0		---	ML	0.7	209117	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	271.1	Lg	16:29:10.836	-0.5					T__				---		209118	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
ZAG	0.08	193.7	Pg	16:29:10.482	0.1					T__		615.9		---	ML	1.3	209122	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	193.7	Lg	16:29:11.285	-0.6					T__				---		209121	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
CRES	0.40	258.5	Pg	16:29:16.725	0.6					T__		16.9		---	ML	0.6	209120	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	258.5	Lg	16:29:22.458	0.4					T__				---		209119	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
KOGS	0.57	16.7	Lg	16:29:27.000	0.0					T__				---		209123	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
2022/05/16	07:11:20.56	0.83	0.77	48.9895	19.3616	5.4	4.3	173	0.0f		18	12	68	0.61	1.43	sx	BUD	18002096	BUD			110

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	18002096

Sta	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	0.61	215.2	Pg	07:11:32.235	-0.6					T__		25.8		---	ML	1.2	209345	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.61	215.2	Lg	07:11:42.329	0.6					T__				---		209346	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
NIE	0.75	54.8	Lg	07:11:45.803	0.4					T__				---		209352	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KECS	0.90	123.8	Pg	07:11:38.263	-0.1					T__		589.3		---	ML	2.8	209338	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.90	123.8	Lg	07:11:51.817	0.1					T__				---		209353	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
JOS	0.92	121.9	Pg	07:11:38.435	-0.3					T__		54.9		---	ML	1.8	209336	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	121.9	Lg	07:11:51.503	-1.0					T__				---		209337	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	1.10	171.6	Sn	07:11:59.484	0.5					T__				---		209344	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	1.12	264.0	Sn	07:11:59.403	-0.4					T__				---		209347	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
PSZ	1.13	161.5	Pn	07:11:44.676	1.0					T__		51.7		---	ML	1.8	209342	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.13	161.5	Sn	07:12:00.455	0.5					T__				---		209341	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	1.16	162.8	Pn	07:11:44.999	0.9					T__		29.4		---	ML	1.6	209343	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.16	162.8	Sn	07:12:00.677	0.0					T__				---		209348	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	1.16	137.9	Pn	07:11:43.057	-1.1					T__		38.9		---	ML	1.7	209340	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.16	137.9	Lg	07:11:59.605	-0.8					T__				---		209339	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
OJC	1.26	12.8	Lg	07:12:01.467	-0.2					T__				---		209349	FDSN	PL	--	BUD	iLoc	BHN	???	_	

ABAH	1.43	118.4	Sn	07:12:08.742	1.6	T__	---	209351	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORC	1.43	304.2	Lg	07:12:06.904	0.2	T__	---	209350	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/16	07:43:04.63	0.87	1.21	47.8841	16.4446	5.4	3.5	123	0.0f	11	7	110	0.21	1.27	sx	BUD	18002098	BUD				160

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	
RONA	0.21	208.5	Pg	07:43:08.668	-0.4					T__						209411	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.21	208.5	Lg	07:43:11.811	-0.4					T__						209416	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.22	159.1	Lg	07:43:12.480	-0.0					T__						209415	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.39	276.6	Pg	07:43:12.511	-0.1					T__	30.6			---	ML	0.9	209412	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.39	276.6	Lg	07:43:18.973	1.0					T__						209417	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MODS	0.74	48.4	Pg	07:43:21.156	1.3					T__						209413	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.74	48.4	Lg	07:43:29.764	-1.8					T__						209418	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	0.89	224.9	Lg	07:43:33.851	0.8					T__						209414	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.18	358.4	Pg	07:43:26.017	-1.2					T__	32.0			---	ML	1.7	209420	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.18	358.4	Lg	07:43:43.265	-1.4					T__						209421	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JAVC	1.27	39.5	Sn	07:43:48.767	1.2					T__						209419	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/16	09:22:47.42	1.13	0.73	48.9812	19.8568	6.6	5.1	177	0.0f	10	6	158	0.53	1.06	sx	BUD	18002102	BUD				262

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	18002102

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
NIE	0.53	33.4	Lg	09:23:04.915	-0.0					T__						209556	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KECS	0.65	139.9	Pg	09:23:00.910	0.5					T__	104.6			---	ML	1.9	209555	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.65	139.9	Lg	09:23:10.215	0.1					T__						209554	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.66	136.8	Pg	09:23:00.950	0.4					T__	45.4			---	ML	1.5	209553	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	136.8	Lg	09:23:10.458	-0.1					T__						209560	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	0.83	234.6	Pg	09:23:03.863	-0.4					T__	10.0			---	ML	1.0	209558	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.83	234.6	Lg	09:23:17.538	1.3					T__						209557	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.97	152.4	Pg	09:23:06.924	-0.3					T__	25.9			---	ML	1.5	209559	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.97	152.4	Lg	09:23:20.640	-0.5					T__						209561	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	1.06	178.6	Sn	09:23:24.166	-1.0					T__						209562	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/17	06:47:04.60	0.55	0.64	47.8321	19.9190	6.9	3.0	167	0.0A	0.0	16	9	209	0.06	1.00	m	kx BUD	18002112	BUD			360
2022/05/17	06:47:03.01	0.87	1.33	47.8222	19.8572f				0.0f		16	9	210	0.06	1.04		kx BUD_GT	18002113	BUD_GT			232

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	7 BUD	18002113

Sta	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	9.5	Pg	06:47:05.149	0.4					T__		6460.7		___	ML	2.3	209871	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.06	9.5	Lg	06:47:06.080	-0.4					T__				---		209878	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0)																									
PSZ	0.10	14.6	Pg	06:47:05.696	-0.1					T__		4157.6		_c_	ML	2.2	209870	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.10	14.6	Lg	06:47:06.920	-1.4					T__				---		209879	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1)																									
HU03A	0.19	295.3	Pg	06:47:08.947	1.5					T__		509.3		___	ML	1.5	209872	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.19	295.3	Lg	06:47:11.338	0.5					T__				---		209880	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
HU02A	0.54	56.0	Lg	06:47:20.187	-3.1					T__				---		209881	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU10A	0.57	272.6	Pg	06:47:16.104	1.3					T__		200.7		___	ML	2.1	209874	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.57	272.6	Lg	06:47:25.453	1.4					T__				---		209873	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																									
KECS	0.78	32.2	Lg	06:47:29.578	-1.0					T__				---		209882	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.81	33.9	Pg	06:47:19.354	0.1					T__		105.3		___	ML	2.0	209875	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	33.9	Lg	06:47:29.707	-1.9					T__				---		209883	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																									
VYHS	0.96	314.9	Pg	06:47:22.276	-0.2					T__		13.0		___	ML	1.1	209876	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.96	314.9	Lg	06:47:36.482	0.0					T__				---		209884	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																									
ABAH	1.04	62.4	Pg	06:47:23.395	-0.2					T__		53.3		___	ML	1.8	209885	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.04	62.4	Lg	06:47:37.979	-2.0					T__				---		209877	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/17	06:55:46.48	1.19	0.45	47.3608	18.1075	10.9	4.1	14	9.0f		5	3	210	0.10	0.47		ke BUD	18002114	BUD			288

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.10	88.7	Pg	06:55:49.583	0.2					T__		585.3		___	ML	1.4	209913	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	88.7	Lg	06:55:51.463	-0.5					T__				---		209914	FDSN	HU	--	BUD	iLoc	HNN	???	_	

```

(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.14 299.6 Pg 06:55:50.158 0.2 T__ 180.2 ___ ML 1.0 209916 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.14 299.6 Lg 06:55:52.568 -0.3 T__ ___ 209915 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
SR0 0.47 17.0 Lg 06:56:03.832 -0.1 T__ ___ 209917 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
2022/05/17 08:00:55.61 0.90 1.01 48.5461 19.1372 8.3 3.2 174 0.0f 11 8 112 0.21 1.25 sx BUD 18002116 BUD 164

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 18002116

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Sta 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 0.21 255.5 Pg 08:01:00.474 0.4 T__ 37.6 ___ ML 0.5 209980 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.21 255.5 Lg 08:01:04.113 0.7 T__ ___ 209988 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A338A 0.75 224.9 Lg 08:01:22.440 -0.4 T__ ___ 209982 FDSN Z3 00 BUD iLoc HH2 ??? _
KECS 0.90 93.5 Lg 08:01:27.041 0.2 T__ ___ 209990 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.93 92.6 Pg 08:01:14.704 0.6 T__ 34.0 ___ ML 1.6 209986 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.93 92.6 Lg 08:01:27.447 -0.6 T__ ___ 209981 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.02 114.1 Pg 08:01:17.091 0.6 T__ 34.8 ___ ML 1.6 209987 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.02 114.1 Lg 08:01:29.881 -1.7 T__ ___ 209989 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JAVC 1.02 288.4 Lg 08:01:30.252 -1.6 T__ ___ 209983 FDSN CZ -- BUD iLoc HHN ??? _
NIE 1.16 40.8 Lg 08:01:34.554 0.3 T__ ___ 209984 FDSN PL -- BUD iLoc BHN ??? _
MODS 1.25 262.8 Sn 08:01:37.174 -0.7 T__ ___ 209985 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
2022/05/17 08:11:41.69 1.14 0.52 48.5373 20.7608 8.4 3.4 5 0.0f 15 9 159 0.15 1.28 sx BUD 18002118 BUD 199

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 6 BUD 18002118

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.15 254.3 Pg 08:11:45.191 0.2 T__ 411.6 ___ ML 1.3 210026 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.15 254.3 Lg 08:11:48.186 0.6 T__ ___ 210027 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.19 253.6 Pg 08:11:45.702 -0.0 T__ 1791.0 ___ ML 2.1 210028 FDSN SK -- BUD iLoc EH2 EH2 _
KECS 0.19 253.6 Lg 08:11:49.080 0.2 T__ ___ 210029 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
ABAH 0.40 126.9 Pg 08:11:50.477 0.5 T__ 58.0 ___ ML 1.2 210031 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 126.9 Lg 08:11:56.375 -0.5 T__ ___ 210035 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.44 200.8 Pg 08:11:51.262 0.1 T__ 29.7 ___ ML 1.0 210030 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.44 200.8 Lg 08:11:58.219 -0.2 T__ ___ 210036 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.85 223.4 Pg 08:12:00.092 0.5 T__ 47.0 ___ ML 1.6 210033 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.85 223.4 Lg 08:12:11.668 -0.7 T__ ___ 210034 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.89 222.4 Pg 08:12:00.702 0.4 T__ 28.7 ___ ML 1.5 210032 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.89 222.4 Lg 08:12:13.393 0.1 T__ ___ 210037 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOLS 1.08 67.8 Lg 08:12:18.369 -0.5 T__ ___ 210038 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.25 108.3 Sn 08:12:23.208 -0.8 T__ ___ 210039 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.28 268.8 Sn 08:12:24.164 -0.6 T__ ___ 210040 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
2022/05/17 11:19:29.22 0.96 1.46 48.0297 16.2258 5.1 4.6 111 0.0f 9 6 108 0.26 1.50 sx BUD 18002122 BUD 184

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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
CONA 0.26 247.6 Pg 11:19:34.802 0.1 T__ 87.7 ___ ML 1.0 210154 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 247.6 Lg 11:19:37.395 -1.0 T__ ___ 210155 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
RONA 0.33 171.8 Pg 11:19:36.664 0.6 T__ ___ 210156 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.33 171.8 Lg 11:19:40.626 -0.2 T__ ___ 210159 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.78 63.5 Lg 11:19:55.816 -1.6 T__ ___ 210161 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.04 6.2 Pg 11:19:50.960 1.8 T__ 45.1 ___ ML 1.7 210160 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.04 6.2 Lg 11:20:04.033 -0.5 T__ ___ 210162 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TREC 1.36 339.1 Lg 11:20:11.535 -1.9 T__ ___ 210157 FDSN CZ -- BUD iLoc HHE ??? _
CKRC 1.50 302.5 Lg 11:20:19.243 1.3 T__ ___ 210158 FDSN CZ -- BUD iLoc HHN ??? _

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/18 06:43:33.13 1.39 0.84 46.1081 22.8324 13.8 6.8 66 0.0f 7 5 141 0.23 0.93 sx BUD 18002124 BUD 213

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Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.23 167.6 Pg 06:43:37.727 0.2 T__ 643.1 ___ ML 1.7 210182 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.23 167.6 Lg 06:43:40.620 -0.1 T__ ___ 210183 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.69 353.0 Lg 06:43:58.155 -0.1 T__ ___ 210186 FDSN RO -- BUD iLoc HHN ??? _
GZR 0.72 183.1 Pg 06:43:47.280 0.4 T__ 64.7 ___ ML 1.7 210185 FDSN RO -- BUD iLoc HHZ HHZ _

```

GZR	0.72	183.1	Lg	06:43:56.383	-0.6	T__	---	210184	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																
(Station ML: 1.7 magdef=1)																
SIRR	0.83	281.5	Lg	06:44:01.404	-0.8	T__	---	210187	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	0.93	134.9	Lg	06:44:03.294	-1.3	T__	---	210188	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/18	07:10:34.17	0.97	1.11	47.9824	16.6212	6.1	3.9	133	0.0f	10	9	87	0.30	1.12	sx	BUD	18002126	BUD				133

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		
SOP	0.30	188.1	Lg	07:10:43.941	-0.9					T__						210212	FDSN	HU	--	BUD	iLoc	HHN	???	_		
RONA	0.36	217.8	Lg	07:10:45.192	-1.3					T__						210211	FDSN	OE	--	BUD	iLoc	HHE	???	_		
ZST	0.39	56.3	Lg	07:10:48.310	-0.5					T__						210213	FDSN	SK	--	BUD	iLoc	HHN	???	_		
CONA	0.51	264.2	Pg	07:10:44.767	0.3					T__	42.5			---	ML	1.4	210210	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.51	264.2	Lg	07:10:50.495	-0.8					T__						210214	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=0)																										
MODS	0.59	48.0	Lg	07:10:54.946	-0.9					T__						210215	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MPLH	1.02	142.2	Lg	07:11:09.511	0.1					T__						210217	FDSN	HU	--	BUD	iLoc	HHE	???	_		
ARSA	1.04	225.8	Lg	07:11:08.863	1.4					T__						210216	FDSN	OE	--	BUD	iLoc	HHN	???	_		
KRUC	1.09	352.2	Lg	07:11:10.563	-0.7					T__						210218	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
JAVC	1.12	38.2	Sn	07:11:14.689	1.3					T__						210219	FDSN	CZ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/18	08:08:20.28	1.45	0.32	48.5517	20.7579	11.2	4.3	1	0.0f	9	7	179	0.16	1.07	sx	BUD	18002128	BUD				239

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	18002128

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.16	249.0	Pg	08:08:23.699	0.1					T__	181.1			---	ML	1.0	210240	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.16	249.0	Lg	08:08:26.774	0.5					T__						210246	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										
KECS	0.19	249.4	Pg	08:08:24.208	-0.2					T__	626.8			---	ML	1.6	210241	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.19	249.4	Lg	08:08:27.576	-0.0					T__						210247	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
ABAH	0.41	128.4	Pg	08:08:28.797	0.1					T__	56.2			---	ML	1.2	210248	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
HU02A	0.46	200.0	Lg	08:08:37.446	0.0					T__						210242	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.86	222.7	Lg	08:08:51.054	-0.2					T__						210243	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.90	221.7	Lg	08:08:51.878	-0.3					T__						210245	FDSN	HU	--	BUD	iLoc	HHE	???	_		
KOLS	1.07	68.6	Lg	08:08:56.917	-0.4					T__						210244	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
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2022/05/18 08:25:23.93 0.75 1.01 48.8484 20.5041 5.6 3.1 78 0.0f 21 13 98 0.35 2.15 sx BUD 18002130 BUD 151

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.1 10 BUD 18002130

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.35	176.2	Pg	08:25:31.527	0.5					T__		325.0		---	ML	1.8 210293	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.35	176.2	Lg	08:25:37.505	1.0					T__				---		210292	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
KECS	0.37	181.9	Pg	08:25:31.476	0.1					T__		756.2		---	ML	2.2 210294	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.37	181.9	Lg	08:25:37.363	0.4					T__				---		210295	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
NIE	0.59	346.8	Pg	08:25:35.643	0.6					T__		40.0		---	ML	1.4 210304	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.59	346.8	Lg	08:25:42.481	-1.0					T__				---		210303	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
HU02A	0.73	178.9	Pg	08:25:38.931	-0.0					T__		173.7		---	ML	2.1 210296	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	178.9	Lg	08:25:49.996	-0.3					T__				---		210308	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
ABAH	0.74	138.3	Pg	08:25:38.597	0.0					T__		126.3		---	ML	2.0 210298	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.74	138.3	Lg	08:25:50.006	-0.7					T__				---		210297	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
PSZ	1.02	203.8	Pg	08:25:44.929	-0.3					T__		95.1		---	ML	2.0 210300	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.02	203.8	Sn	08:25:59.352	-1.2					T__				---		210299	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
ET1H	1.06	203.7	Sn	08:26:00.283	-1.2					T__				---		210301	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU03A	1.12	212.9	Pn	08:25:47.235	0.4					T__		154.4		---	ML	2.3 210302	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																								
VYHS	1.16	252.8	Pg	08:25:48.084	0.8					T__		14.9		---	ML	1.3 210305	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	252.8	Lg	08:26:01.476	-2.4					T__				---		210306	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																								
KOLS	1.17	85.2	Lg	08:26:03.135	-0.4					T__				---		210307	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU10A	1.41	225.2	Sn	08:26:11.977	1.9					T__				---		210311	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
OJC	1.45	341.7	Pn	08:25:50.760	-0.6					T__		69.6		---	ML	2.1 210310	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.45	341.7	Lg	08:26:11.232	0.4					T__				---		210309	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
MORC	2.15	296.7	Pg	08:26:05.874	1.3					T__		35.6		---	ML	2.2 210312	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/05/18 08:41:21.18 0.91 0.62 48.7518 18.0800 5.5 3.5 27 0.0f 10 5 135 0.29 1.13 sx BUD 18002132 BUD 253

Magnitude Err Nsta Author OrigID

ML 1.3 0.3 4 BUD 18002132

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JAVC	0.29	291.8	Pg	08:41:27.511	-0.0					T__		152.9		---	ML	1.3	210354	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.29	291.8	Lg	08:41:31.335	-1.3					T__				---		210361	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VYHS	0.56	116.9	Pg	08:41:32.427	-0.2					T__		13.5		---	ML	0.9	210355	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.56	116.9	Lg	08:41:41.263	0.3					T__				---		210362	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MODS	0.65	234.9	Pg	08:41:34.915	0.3					T__				---		210353	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.65	234.9	Lg	08:41:44.745	-0.1					T__				---		210358	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	1.08	341.3	Pg	08:41:41.882	0.5					T__		41.0		---	ML	1.7	210360	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.08	341.3	Lg	08:41:56.151	-0.4					T__				---		210359	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VRAC	1.13	300.2	Pg	08:41:43.068	0.6					T__		13.6		---	ML	1.3	210356	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.13	300.2	Lg	08:41:58.927	0.1					T__				---		210357	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date 2022/05/18 Time 10:58:01.76 Err 1.24 RMS 0.79 Latitude 48.8975 Longitude 20.7062 Smaj 9.1 Smin 5.9 Az 79 Depth 0.0f Err Ndef 11 Nsta 7 Gap 176 mdist 0.42 Mdist 1.16 Qual sx Author BUD OrigID 18002134 Rep BUD DPdep Err Sgp 300

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 4 BUD 18002134

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.42	195.4	Pg	10:58:10.635	0.5					T__		103.6		---	ML	1.5	210449	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	195.4	Lg	10:58:16.942	0.4					T__				---		210450	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.44	199.5	Pg	10:58:10.731	0.1					T__		168.2		---	ML	1.7	210448	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.44	199.5	Lg	10:58:16.952	-0.4					T__				---		210447	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	0.59	333.0	Lg	10:58:21.081	-0.2					T__				---		210452	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	0.70	149.3	Pg	10:58:16.031	0.4					T__		56.7		---	ML	1.6	210451	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.70	149.3	Lg	10:58:26.166	-1.0					T__				---		210453	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.79	188.9	Pg	10:58:19.096	1.1					T__		36.0		---	ML	1.5	210445	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	188.9	Lg	10:58:29.898	-0.2					T__				---		210446	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	1.12	209.2	Sn	10:58:39.875	-1.0					T__				---		210454	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.16	208.9	Sn	10:58:40.903	-0.9					T__				---		210455	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



2022/05/18 11:00:03.65 0.85 0.73 48.4319 17.2839 4.9 3.6 141 0.0f 13 8 74 0.50 1.36 sx BUD 18002136 BUD 136

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.3 5 BUD 18002136

Sta	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	0.50	30.8	Pg	11:00:14.415	0.3					T__		169.9		---	ML	1.9 210488	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.50	30.8	Lg	11:00:21.025	-1.2					T__				---		210489	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																								
KRUC	0.86	317.3	Pg	11:00:21.127	0.9					T__		45.6		---	ML	1.6 210491	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.86	317.3	Lg	11:00:32.008	-0.9					T__				---		210490	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																								
RONA	0.99	222.5	Pg	11:00:23.364	0.1					T__				---		210493	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.99	222.5	Lg	11:00:36.076	-0.1					T__				---		210494	FDSN	OE	--	BUD	iLoc	HHN	???	_
VRAC	0.99	332.8	Pg	11:00:23.212	0.8					T__		12.7		---	ML	1.2 210492	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																								
VYHS	1.03	86.0	Pg	11:00:25.144	0.6					T__		11.3		---	ML	1.1 210496	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.03	86.0	Lg	11:00:39.280	-0.2					T__				---		210495	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																								
CONA	1.08	242.6	Pg	11:00:25.144	0.3					T__		58.7		---	ML	1.9 210497	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.08	242.6	Lg	11:00:38.059	-0.8					T__				---		210498	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																								
HU08A	1.09	156.5	Sn	11:00:41.568	-0.4					T__				---		210499	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MORC	1.36	7.1	Lg	11:00:47.466	-0.3					T__				---		210500	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/05/18 11:34:27.08 1.28 0.73 48.3704 17.3849 8.5 4.5 126 0.0f 6 4 206 0.07 0.95 sx BUD 18002138 BUD 270

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.07	272.6	Pg	11:34:29.500	0.3					T__				_c_		210525	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.07	272.6	Lg	11:34:30.618	-0.6					T__				---		210526	FDSN	SK	--	BUD	iLoc	HHN	???	_
ZST	0.26	227.3	Pg	11:34:33.135	0.4					T__				---		210528	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.26	227.3	Lg	11:34:36.338	-0.9					T__				---		210527	FDSN	SK	--	BUD	iLoc	HHE	???	_
JAVC	0.52	21.1	Pg	11:34:38.194	0.1					T__		65.7		---	ML	1.6 210529	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																								
KRUC	0.95	316.9	Pg	11:34:45.847	0.5					T__		25.9		---	ML	1.4 210530	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/05/18 13:45:22.90 1.00 0.92 46.1785 16.4354 9.3 3.3 133 5.6 13.1 16 10 133 0.30 1.79 ke BUD 18002140 BUD 169

Magnitude Err Nsta Author OrigID  
ML 2.0 0.2 6 BUD 18002140

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOGS	0.30	334.6	Pg	13:45:28.927	-0.1					T__		490.3		---	ML	1.8 210568	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.30	334.6	Lg	13:45:33.540	0.4					T__				---		210567	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
BEHE	0.38	38.8	Pg	13:45:30.080	-0.6					T__		1058.7		---	ML	2.4 210563	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.38	38.8	Lg	13:45:36.089	0.2					T__				---		210564	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=1)																								
PTJ	0.42	230.3	Pg	13:45:31.132	-0.5					T__		193.0		---	ML	1.8 210569	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.42	230.3	Lg	13:45:37.707	-0.3					T__				---		210570	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
ZAG	0.47	221.8	Lg	13:45:39.730	1.0					T__				---		210571	FDSN	CR	--	BUD	iLoc	BHN	???	_
A263A	0.76	52.5	Pg	13:45:37.869	-0.3					T__		564.0		---	ML	2.7 210566	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.76	52.5	Lg	13:45:49.197	0.7					T__				---		210565	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																								
(Station ML: 2.7 magdef=0)																								
CRES	0.77	243.0	Pg	13:45:37.806	0.0					T__		111.9		---	ML	2.0 210573	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.77	243.0	Lg	13:45:49.549	0.6					T__				---		210572	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
ARSA	1.24	330.0	Sn	13:46:02.953	-1.1					T__				---		210574	FDSN	OE	--	BUD	iLoc	HHN	???	_
OBKA	1.35	284.9	Lg	13:46:07.529	1.1					T__				---		210575	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORH	1.53	87.8	Lg	13:46:13.507	1.3					T__				---		210576	FDSN	HU	--	BUD	iLoc	HHN	???	_
CONA	1.79	347.6	Pg	13:45:57.563	0.8					T__		37.1		---	ML	2.1 210578	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.79	347.6	Lg	13:46:21.838	1.7					T__				---		210577	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/19	04:26:36.25	2.80	0.36	47.8891	19.7072	19.4	4.6	9	11.9	15.0	10	6	186	0.07	0.82	ke	BUD	18002148	BUD			305

Magnitude Err Nsta Author OrigID  
ML 0.8 0.3 4 BUD 18002148

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU03A	0.07	281.5	Pg	04:26:39.138	0.1					T__		230.8		---	ML	0.9 210744	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.07	281.5	Lg	04:26:41.183	-0.0					T__				---		210745	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
ET1H	0.11	95.1	Pg	04:26:39.987	0.3					T__		65.8		---	ML	0.4 210743	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.11	95.1	Lg	04:26:42.092	-0.2					T__				---		210747	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.4 magdef=1)																								
(Station ML: 0.4 magdef=1)																								
PSZ	0.13	76.8	Pg	04:26:40.289	0.1					T__		121.4		---	ML	0.7 210741	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.13	76.8	Lg	04:26:42.699	-0.5					T__				---		210742	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								

```

HU02A 0.60 66.7 Pg      04:26:48.743  0.0      T__      21.0      ___ ML      1.2 210746      FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU02A 0.60 66.7 Lg      04:26:57.178 -0.6      T__      ___      210748      FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.79 40.9 Lg      04:27:03.586  0.2      T__      ___      210749      FDSN SK      -- BUD  iLoc  EHN ???  _
JOS  0.82 42.2 Lg      04:27:04.339 -0.0      T__      ___      210750      FDSN ZJ      -- BUD  iLoc  HHN ???  _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/05/19 08:17:47.13  0.37  0.77  47.8050  19.1039  4.7  3.4  3  0.0A  0.0  14  9 115  0.07  1.18 m  kx BUD      18002150  BUD      360
2022/05/19 08:17:45.57  0.88  0.74  47.8327  19.1394f  0.0f      14  9 108  0.08  1.15  kx BUD_GT  18002151  BUD_GT      194
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

```

```

Magnitude  Err Nsta Author      OrigID
ML      1.4 0.2  5 BUD      18002151

```

```

Sta      Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU10A  0.08 278.8 Pg      08:17:48.550  0.8      T__      1138.5  ___ ML      1.6 210856      FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU10A  0.08 278.8 Lg      08:17:49.163 -0.6      T__      ___      210851      FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU03A  0.32 76.9 Pg      08:17:53.262  0.7      T__      88.3      ___ ML      1.1 210849      FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU03A  0.32 76.9 Lg      08:17:57.728 -0.0      T__      ___      210857      FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
BUD  0.36 192.6 Lg      08:17:57.881 -1.7      T__      210858      FDSN HU      -- BUD  iLoc  HHE ???  _
ET1H  0.50 84.3 Pg      08:17:56.074 -0.2      T__      31.1      ___ ML      1.2 210850      FDSN HU      -- BUD  iLoc  HHZ HHZ  _
ET1H  0.50 84.3 Lg      08:18:03.906 -0.1      T__      ___      210859      FDSN HU      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ  0.52 80.1 Pg      08:17:56.737 -0.1      T__      45.7      ___ ML      1.4 210860      FDSN GE      -- BUD  iLoc  HHZ HHZ  _
PSZ  0.52 80.1 Lg      08:18:03.906 -1.2      T__      ___      210861      FDSN GE      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS  0.69 343.1 Lg      08:18:09.500 -0.5      T__      210862      FDSN SK      -- BUD  iLoc  HHN ???  _
HU02A  0.98 72.2 Lg      08:18:20.674 -0.5      T__      210855      FDSN ZJ      00 BUD  iLoc  HHN ???  _
KECS  1.11 53.7 Lg      08:18:25.604  0.7      T__      210852      FDSN SK      -- BUD  iLoc  EHN ???  _
JOS  1.15 54.2 Pg      08:18:08.595  0.3      T__      23.3      ___ ML      1.5 210854      FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS  1.15 54.2 Lg      08:18:25.731 -0.3      T__      ___      210853      FDSN ZJ      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/05/19 08:33:37.44  1.16  1.07  48.5473  20.7998  8.7  3.5  5  0.0f  14  9 159  0.18  1.31  sx BUD      18002152  BUD      200

```

```

Magnitude  Err Nsta Author      OrigID
ML      1.3 0.1  5 BUD      18002152

```

```

Sta      Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
JOS  0.18 253.5 Pg      08:33:41.941  0.7      T__      284.6  ___ ML      1.3 210899      FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _

```

JOS	0.18	253.5	Lg	08:33:44.356	0.1	T__								210904	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
KECS	0.22	253.0	Pg	08:33:42.407	0.4	T__				965.0			ML	1.9	210900	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	253.0	Lg	08:33:45.698	0.1	T__									210905	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=0)																							
ABAH	0.39	130.5	Pg	08:33:46.515	1.1	T__				58.7			ML	1.1	210902	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	130.5	Lg	08:33:51.048	-1.1	T__									210906	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																							
(Station ML: 1.1 magdef=0)																							
HU02A	0.46	203.4	Pg	08:33:47.684	0.4	T__				39.7			ML	1.2	210901	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	203.4	Lg	08:33:53.896	-0.9	T__									210907	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																							
(Station ML: 1.2 magdef=1)																							
PSZ	0.87	224.2	Lg	08:34:08.006	-1.0	T__									210908	FDSN	GE	--	BUD	iLoc	HHE	???	_
ET1H	0.91	223.2	Pg	08:33:57.105	0.6	T__				29.5			ML	1.5	210903	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	223.2	Lg	08:34:10.038	0.1	T__									210909	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
KOLS	1.05	67.8	Lg	08:34:11.396	-2.3	T__									210910	FDSN	SK	--	BUD	iLoc	HHN	???	_
TRPA	1.23	109.1	Sn	08:34:18.479	-0.8	T__									210911	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	1.31	268.4	Sn	08:34:20.114	-1.0	T__									210912	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
2022/05/19	09:05:13.27	0.90	1.38	48.2074	21.1950	6.7	4.4	178	0.0f		16	10	79	0.09	1.97	sx	BUD	18002154	BUD			106

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	18002154

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.09	18.6	Pg	09:05:15.287	-0.4					T__		8395.9			ML	2.5	210964	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.09	18.6	Lg	09:05:15.625	-2.4					T__						210965	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
HU02A	0.46	259.5	Pg	09:05:24.029	1.0					T__		73.5			ML	1.4	210950	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	259.5	Lg	09:05:29.963	-0.5					T__						210954	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
JOS	0.52	303.7	Pg	09:05:24.540	0.7					T__		68.6			ML	1.6	210951	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	303.7	Lg	09:05:31.369	-0.5					T__						210955	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.55	300.5	Lg	09:05:32.058	-0.7					T__						210956	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.90	94.4	Pg	09:05:31.406	0.6					T__		95.3			ML	2.0	210952	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.90	94.4	Lg	09:05:42.690	-3.0					T__						210957	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.92	252.1	Lg	09:05:45.149	-1.3					T__						210953	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.95	250.2	Pg	09:05:34.072	1.0					T__		35.9			ML	1.6	210959	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.95	250.2	Lg	09:05:47.073	0.1					T__						210958	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

```

(Station ML: 1.6 magdef=1
KOLS 1.02 44.2 Pg 09:05:34.071 1.3 T__ --- 210963 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.02 44.2 Lg 09:05:47.656 -1.5 T__ --- 210962 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.75 143.5 Sn 09:06:07.644 -0.3 T__ --- 210960 FDSN RO -- BUD iLoc HHN ??? _
SIRR 1.97 170.6 Lg 09:06:18.499 -0.4 T__ --- 210961 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/19 09:06:56.13 1.07 1.21 48.2410 21.2381 5.2 3.4 123 0.0f 14 7 152 0.06 0.99 sx BUD 18002156 BUD 247

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 7 BUD 18002156

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.06 1.1 Pg 09:06:57.898 0.1 T__ 13791.6 --- ML 2.6 211003 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.06 1.1 Lg 09:06:59.271 -0.2 T__ --- 211004 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
HU02A 0.49 256.3 Pg 09:07:06.898 0.3 T__ 40.9 --- ML 1.3 211005 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.49 256.3 Lg 09:07:13.050 -1.5 T__ --- 211006 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
JOS 0.53 299.0 Pg 09:07:07.661 0.8 T__ 39.7 --- ML 1.4 211008 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 299.0 Lg 09:07:14.067 -0.9 T__ --- 211007 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.56 296.1 Pg 09:07:09.288 1.9 T__ 111.1 --- ML 1.9 211009 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 296.1 Lg 09:07:16.203 0.3 T__ --- 211010 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
TRPA 0.88 96.8 Pg 09:07:13.966 0.7 T__ 57.0 --- ML 1.7 211012 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.88 96.8 Lg 09:07:26.474 -1.3 T__ --- 211011 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 0.96 250.8 Pg 09:07:15.898 -0.4 T__ 37.1 --- ML 1.6 211013 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.8 Lg 09:07:28.508 -2.1 T__ --- 211014 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.99 249.0 Pg 09:07:16.915 0.2 T__ 21.3 --- ML 1.4 211016 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 249.0 Lg 09:07:30.033 -1.2 T__ --- 211015 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/19 09:16:30.63 1.02 1.21 47.3577 18.3601 8.1 4.0 138 0.0f 10 8 107 0.07 1.28 sx BUD 18002158 BUD 136

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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 0.07 274.6 Pg 09:16:33.049 0.4 T__ 2284.7 --- ML 1.8 211049 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 274.6 Lg 09:16:34.720 -0.0 T__ --- 211050 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU09A 0.28 3.1 Pg 09:16:37.665 0.9 T__ 321.0 ___ ML 1.6 211055 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.28 3.1 Lg 09:16:40.149 -1.9 T__ ___ 211051 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A 0.31 284.1 Lg 09:16:42.114 -0.6 T__ ___ 211056 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.59 251.7 Lg 09:16:51.618 -0.2 T__ ___ 211057 FDSN HU -- BUD iLoc HHN ??? _
ET1H 1.15 62.4 Sn 09:17:09.978 -0.4 T__ ___ 211053 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.16 170.2 Sn 09:17:08.692 -1.9 T__ ___ 211052 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.18 61.0 Sn 09:17:11.511 0.2 T__ ___ 211054 FDSN GE -- BUD iLoc HHE ??? _
KOVH 1.28 188.1 Sn 09:17:14.820 1.2 T__ ___ 211058 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
2022/05/19 09:57:51.91 1.44 0.24 47.7261 19.0134 14.2 5.6 36 0.0A 0.0 9 7 266 0.12 1.28 m kx BUD 18002160 BUD 360
2022/05/19 09:57:52.05 0.94 0.82 47.8327 19.1394f 0.0f 9 7 174 0.08 1.15 kx BUD_GT 18002161 BUD_GT 309
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

```

```
Magnitude Err Nsta Author OrigID
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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.08 278.8 Pg 09:57:54.503 0.3 T__ 769.0 ___ ML 1.4 211081 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.08 278.8 Lg 09:57:54.786 -1.4 T__ ___ 211080 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.50 84.3 Lg 09:58:10.611 0.2 T__ ___ 211084 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.52 80.1 Lg 09:58:11.941 0.4 T__ ___ 211082 FDSN GE -- BUD iLoc HHE ??? _
HU23A 0.77 104.1 Lg 09:58:18.792 -1.4 T__ ___ 211085 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.98 72.2 Pg 09:58:12.633 0.5 T__ 26.0 ___ ML 1.5 211086 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 72.2 Lg 09:58:27.133 -0.5 T__ ___ 211083 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 1.11 53.7 Lg 09:58:31.684 0.3 T__ ___ 211087 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.15 54.2 Lg 09:58:33.126 0.6 T__ ___ 211088 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/19 12:16:36.14 1.06 0.82 48.8840 21.3633 9.4 4.4 158 0.0f 8 6 137 0.59 0.94 sx BUD 18002162 BUD 240

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```
Magnitude Err Nsta Author OrigID
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.59 188.0 Lg 12:16:57.757 -0.2 T__ ___ 211113 FDSN HU -- BUD iLoc HHN ??? _
KOLS 0.60 85.0 Pg 12:16:47.875 0.1 T__ ___ 211109 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.60 85.0 Lg 12:16:57.407 -0.2 T__ ___ 211112 FDSN SK -- BUD iLoc HHN ??? _
JOS 0.67 234.9 Pg 12:16:49.920 0.5 T__ 80.4 ___ ML 1.8 211108 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.67 234.9 Lg 12:16:57.772 -1.7 T__ ___ 211114 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
KECS 0.71 235.7 Lg 12:17:00.933 0.2 T__ ___ 211115 FDSN SK -- BUD iLoc EHN ??? _

```

NIE	0.88	307.8	Lg	12:17:04.954	-0.3	T__									211110	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	0.94	216.5	Lg	12:17:09.573	-0.1	T__									211111	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/19	20:39:41.06	0.93	0.60	45.5159	16.4368	7.1	4.3	40	5.0f		13	8	149	0.44	1.69		ke BUD	18002164	BUD			229

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18002164

Sta	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	0.44	314.8	Lg	20:39:56.559	0.6					T__						211142	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.51	320.1	Pg	20:39:50.559	-0.9					T__		61.1			ML	1.5	211144	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.51	320.1	Lg	20:39:57.983	-0.9					T__						211143	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CRES	0.75	294.6	Pg	20:39:55.847	0.2					T__		30.1			ML	1.4	211146	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.75	294.6	Lg	20:40:07.135	0.5					T__						211145	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
A264A	0.88	42.5	Pg	20:39:58.389	0.1					T__		154.7			ML	2.2	211147	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.88	42.5	Lg	20:40:09.474	-0.5					T__						211148	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
BLY	0.93	145.2	Pg	20:39:58.694	-0.2					T__		33.9			ML	1.5	211150	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	0.93	145.2	Lg	20:40:11.305	0.3					T__						211149	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOGS	0.94	352.1	Pg	20:39:59.610	0.4					T__		36.8			ML	1.6	211151	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.94	352.1	Lg	20:40:12.118	0.6					T__						211152	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
OBKA	1.65	307.7	Sn	20:40:33.576	0.7					T__						211153	FDSN	OE	--	BUD	iLoc	HHE	???	_	
MORH	1.69	64.8	Sn	20:40:33.576	-0.2					T__						211154	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
2022/05/20	03:02:33.78	1.07	0.60	47.3194	18.0981	10.4	4.3	28	9.0f		5	3	168	0.12	0.46		ke BUD	18002168	BUD			283

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.12	68.3	Pg	03:02:37.211	0.3					T__		299.2			ML	1.1	211230	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	68.3	Lg	03:02:39.118	-0.5					T__						211231	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU08A	0.16	313.4	Pg	03:02:37.872	0.3					T__		49.9			ML	0.5	211233	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.16	313.4	Lg	03:02:40.364	-0.4					T__						211232	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
A267A	0.46	144.8	Lg	03:02:50.117	-0.3					T__						211234	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/20	06:45:37.96	0.80	0.98	48.7936	18.9449	4.9	4.2	31	0.0f	13	8	96	0.31	1.35		sx	BUD	18002170	BUD			147

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	18002170

Sta	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	0.31	193.6	Pg	06:45:44.790	0.4				T__			24.7		---	ML	0.6	211268	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VVHS	0.31	193.6	Lg	06:45:49.555	0.5				T__					---		211269	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Reading ML: 0.6 magdef=1)				(Station ML: 0.6 magdef=0)																						
JAVC	0.84	274.9	Pg	06:45:55.718	0.5				T__			42.6		---	ML	1.6	211273	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.6 magdef=1)				(Station ML: 1.6 magdef=1)																						
KECS	1.07	106.3	Pg	06:46:00.566	1.5				T__			102.7		---	ML	2.1	211266	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	1.07	106.3	Lg	06:46:14.205	-0.1				T__					---		211274	FDSN	SK	--	BUD	iLoc	EHE	???	_		
(Reading ML: 2.1 magdef=1)				(Station ML: 2.1 magdef=0)																						
PSZ	1.08	143.8	Sn	06:46:14.301	-1.8				T__					---		211275	FDSN	GE	--	BUD	iLoc	HHN	???	_		
NIE	1.09	54.4	Lg	06:46:15.422	1.4				T__					---		211276	FDSN	PL	--	BUD	iLoc	BHN	???	_		
JOS	1.10	105.1	Pg	06:45:59.360	-0.3				T__			25.9		---	ML	1.5	211265	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	1.10	105.1	Lg	06:46:15.009	-0.2				T__					---		211277	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)				(Station ML: 1.5 magdef=1)																						
HU02A	1.25	122.0	Pn	06:46:02.355	-0.4				T__			24.8		---	ML	1.6	211267	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	1.25	122.0	Sn	06:46:19.336	-0.9				T__					---		211270	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1)				(Station ML: 1.6 magdef=1)																						
MORC	1.35	317.5	Pg	06:46:02.858	-0.1				T__			32.0		---	ML	1.8	211272	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
MORC	1.35	317.5	Lg	06:46:21.190	-0.4				T__					---		211271	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)				(Station ML: 1.8 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/20	08:41:05.46	1.09	0.61	48.9793	19.4146	8.1	5.4	122	0.0f	12	7	194	0.62	1.14		sx	BUD	18002172	BUD			264

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	18002172

Sta	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	0.62	218.5	Lg	08:41:26.110	-0.9				T__					---		211391	FDSN	SK	--	BUD	iLoc	HHN	???	_		
NIE	0.73	52.5	Pg	08:41:19.354	0.1				T__			17.8		---	ML	1.2	211390	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	0.73	52.5	Lg	08:41:28.886	-0.7				T__					---		211389	FDSN	PL	--	BUD	iLoc	BHE	???	_		
(Reading ML: 1.2 magdef=1)				(Station ML: 1.2 magdef=0)																						
KECS	0.87	124.6	Lg	08:41:35.240	-0.2				T__					---		211382	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.89	122.6	Pg	08:41:22.787	-0.2				T__			49.4		---	ML	1.7	211381	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.89	122.6	Lg	08:41:35.769	-0.4				T__					---		211380	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)				(Station ML: 1.7 magdef=0)																						



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PSZ 1.11 163.1 Pn 08:41:28.886 0.6 T__ 30.0 ___ ML 1.6 211386 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.11 163.1 Sn 08:41:44.808 0.5 T__ ___ 211385 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.13 138.9 Pn 08:41:28.301 -0.3 T__ 33.0 ___ ML 1.6 211384 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.13 138.9 Lg 08:41:44.077 -0.3 T__ ___ 211383 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 1.14 164.4 Pn 08:41:29.616 0.9 T__ 28.2 ___ ML 1.6 211387 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.14 164.4 Sn 08:41:45.392 0.3 T__ ___ 211388 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/20 09:13:58.53 0.77 0.69 48.4403 18.6935 6.3 3.6 22 0.0f 19 12 104 0.11 1.70 sx BUD 18002174 BUD 140

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 8 BUD 18002174

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Sta 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 0.11 60.4 Pg 09:14:01.094 0.1 T__ 1028.7 _c_ ML 1.6 211444 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.11 60.4 Lg 09:14:02.619 -0.4 T__ ___ 211445 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JAVC 0.80 302.1 Pg 09:14:15.554 0.7 T__ 92.2 ___ ML 1.9 211446 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.80 302.1 Lg 09:14:26.966 -0.3 T__ ___ 211451 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU03A 0.81 131.2 Lg 09:14:28.650 1.2 T__ ___ 211447 FDSN ZJ 00 BUD iLoc HHN ??? _
MODS 0.95 266.5 Pg 09:14:17.591 -0.1 T__ ___ 211448 FDSN SK -- BUD iLoc HHZ ??? _
PSZ 0.96 122.6 Pg 09:14:18.976 0.3 T__ 49.5 ___ ML 1.7 211441 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 122.6 Lg 09:14:32.415 -0.6 T__ ___ 211452 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.97 125.0 Pg 09:14:19.027 0.3 T__ 33.6 ___ ML 1.6 211442 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.97 125.0 Lg 09:14:33.050 0.1 T__ ___ 211449 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CSKK 1.12 195.3 Sn 09:14:37.523 0.0 T__ ___ 211453 FDSN HU -- BUD iLoc HHN ??? _
KECS 1.19 87.3 Pg 09:14:22.261 0.1 T__ 180.1 ___ ML 2.4 211437 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.19 87.3 Sn 09:14:38.074 -1.3 T__ ___ 211436 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
JOS 1.23 86.7 Pg 09:14:22.395 -0.4 T__ 31.6 ___ ML 1.7 211435 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.23 86.7 Sn 09:14:39.194 -1.1 T__ ___ 211450 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 1.26 103.9 Pn 09:14:23.272 -0.2 T__ 34.3 ___ ML 1.7 211438 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.26 103.9 Sn 09:14:41.458 0.2 T__ ___ 211439 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 1.44 46.7 Pg 09:14:26.934 1.2 T__ 13.5 ___ ML 1.4 211443 FDSN PL -- BUD iLoc BHZ BHZ _

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(Reading ML: 1.4 magdef=1  
(Station ML: 1.4 magdef=0  
ABAH 1.70 93.9 Lg 09:14:56.963 0.2 T\_\_ --- 211440 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  
2022/05/20 09:25:59.70 1.39 1.06 48.2469 21.2398 8.8 3.8 129 0.0f 15 10 151 0.05 1.62 sx BUD 18002176 BUD 204

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 5 BUD 18002176

Sta 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 0.05 359.9 Pg 09:26:01.241 -0.0 T\_\_ 10268.7 --- ML 2.4 211496 FDSN HU -- BUD iLoc HHZ HHZ \_  
ABAH 0.05 359.9 Lg 09:26:02.711 -0.1 T\_\_ --- 211497 FDSN HU -- BUD iLoc HHN ??? \_  
(Reading ML: 2.4 magdef=1  
(Station ML: 2.4 magdef=1  
HU02A 0.49 255.6 Pg 09:26:09.850 -0.3 T\_\_ 64.9 --- ML 1.5 211499 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
HU02A 0.49 255.6 Lg 09:26:17.757 -0.5 T\_\_ --- 211503 FDSN ZJ 00 BUD iLoc HHN ??? \_  
(Reading ML: 1.5 magdef=1  
(Station ML: 1.5 magdef=0  
JOS 0.53 298.3 Pg 09:26:10.663 0.3 T\_\_ 60.3 --- ML 1.6 211498 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
JOS 0.53 298.3 Lg 09:26:17.291 -1.2 T\_\_ --- 211501 FDSN ZJ -- BUD iLoc HHN ??? \_  
(Reading ML: 1.6 magdef=1  
(Station ML: 1.6 magdef=1  
KECS 0.56 295.5 Pg 09:26:11.083 0.2 T\_\_ 595.0 --- ML 2.6 211500 FDSN SK -- BUD iLoc EHN EHZ \_  
KECS 0.56 295.5 Lg 09:26:18.368 -1.0 T\_\_ --- 211502 FDSN SK -- BUD iLoc EHN ??? \_  
(Reading ML: 2.6 magdef=1  
(Station ML: 2.6 magdef=0  
TRPA 0.88 97.2 Lg 09:26:30.705 -0.6 T\_\_ --- 211504 FDSN HU -- BUD iLoc HHN ??? \_  
PSZ 0.96 250.5 Lg 09:26:33.876 -0.4 T\_\_ --- 211505 FDSN GE -- BUD iLoc HHN ??? \_  
KOLS 0.97 44.6 Lg 09:26:33.449 -0.6 T\_\_ --- 211508 FDSN SK -- BUD iLoc HHN ??? \_  
ET1H 0.99 248.7 Pg 09:26:20.945 0.6 T\_\_ 40.5 --- ML 1.7 211506 FDSN HU -- BUD iLoc HHZ HHZ \_  
ET1H 0.99 248.7 Lg 09:26:33.654 -1.2 T\_\_ --- 211509 FDSN HU -- BUD iLoc HHN ??? \_  
(Reading ML: 1.7 magdef=1  
(Station ML: 1.7 magdef=1  
NIE 1.33 332.4 Sn 09:26:43.575 -0.4 T\_\_ --- 211510 FDSN PL -- BUD iLoc BHN ??? \_  
VYHS 1.62 279.7 Sn 09:26:53.949 2.8 T\_\_ --- 211507 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  
2022/05/20 10:19:29.56 3.10 0.90 46.8876 22.8524 26.4 9.9 171 0.0f 8 5 282 0.14 1.57 sx BUD 18002178 BUD 308

Magnitude Err Nsta Author OrigID  
ML 2.0 0.0 3 BUD 18002178

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
DRGR 0.14 225.3 Pg 10:19:32.483 -0.2 T\_\_ 338.9 --- ML 1.2 211560 FDSN RO -- BUD iLoc HHZ HHZ \_  
DRGR 0.14 225.3 Lg 10:19:34.984 -0.3 T\_\_ --- 211561 FDSN RO -- BUD iLoc HHN ??? \_  
(Reading ML: 1.2 magdef=1  
(Station ML: 1.2 magdef=1  
SIRR 1.03 233.4 Lg 10:20:04.248 -0.7 T\_\_ --- 211567 FDSN RO -- BUD iLoc HHN ??? \_  
GZR 1.50 182.0 Pn 10:19:57.808 0.1 T\_\_ 51.1 --- ML 2.0 211562 FDSN RO -- BUD iLoc HHZ HHZ \_

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GZR 1.50 182.0 Sn 10:20:17.711 -0.3 T__ --- 211563 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BZS 1.53 214.4 Sn 10:20:20.596 1.8 T__ --- 211564 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.57 155.8 Pn 10:19:58.758 -0.1 T__ 44.4 --- ML 2.0 211566 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.57 155.8 Sn 10:20:20.194 0.2 T__ --- 211565 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/20 14:26:27.14 1.61 1.46 48.7768 20.8354 11.1 6.8 82 0.0f 8 6 179 0.34 1.11 sx BUD 18002180 BUD 292

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.34 215.0 Pg 14:26:35.130 1.0 T__ 128.0 --- ML 1.4 211592 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.34 215.0 Lg 14:26:38.992 -0.4 T__ --- 211591 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.37 218.4 Pg 14:26:35.906 1.2 T__ 149.0 --- ML 1.5 211590 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.37 218.4 Lg 14:26:40.033 -0.5 T__ --- 211597 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.55 150.7 Lg 14:26:46.847 -0.7 T__ --- 211593 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.73 331.5 Lg 14:26:50.763 -0.7 T__ --- 211594 FDSN PL -- BUD iLoc BHN ??? _
PSZ 1.06 216.5 Sn 14:27:02.825 -2.1 T__ --- 211595 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.11 216.0 Sn 14:27:04.234 -1.6 T__ --- 211596 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
2022/05/21 07:27:20.74 0.88 0.70 47.2101 18.1497 6.7 3.8 160 5.7 19.4 13 9 118 0.17 1.12 ke BUD 18002182 BUD 134

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Magnitude Err Nsta Author OrigID  
ML 2.1 0.2 5 BUD 18002182

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Sta 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 26.2 Pg 07:27:24.430 -0.1 T__ 532.8 --- ML 1.5 211713 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.17 26.2 Lg 07:27:27.598 -0.2 T__ --- 211715 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU08A 0.27 325.3 Lg 07:27:30.544 -0.4 T__ --- 211721 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.42 264.7 Pg 07:27:29.160 -0.1 T__ 220.2 --- ML 1.8 211712 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.42 264.7 Lg 07:27:35.570 -0.1 T__ --- 211720 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU09A 0.46 20.1 Lg 07:27:38.625 1.1 T__ --- 211714 FDSN ZJ 00 BUD iLoc HHE ??? _
EGYH 0.59 290.7 Lg 07:27:41.671 0.3 T__ --- 211718 FDSN HU -- BUD iLoc HHN ??? _
A266A 0.69 173.4 Pg 07:27:34.873 0.3 T__ 202.9 --- ML 2.2 211719 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU10A 0.87 42.5 Lg 07:27:51.240 -0.6 T__ --- 211717 FDSN ZJ 00 BUD iLoc HHN ??? _

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MORH	1.05	161.0	Pg	07:27:41.685	0.4	T__	98.5	___	ML	2.1	211711	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.05	161.0	Lg	07:27:55.416	-1.4	T__		---			211710	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
KOVH	1.12	181.8	Pg	07:27:43.164	0.5	T__	120.1	___	ML	2.2	211709	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.12	181.8	Lg	07:27:58.027	-0.4	T__		---			211716	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/22	21:34:05.31	0.92	0.37	46.1832	16.4624	5.8	3.8	157	10.1	7.7	13	9	131	0.30	1.37	ke	BUD	18002194	BUD			148

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	18002194

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.30	331.1	Pg	21:34:11.503	-0.2					T__		86.8		___	ML	1.1	211990	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.30	331.1	Lg	21:34:16.159	0.2					T__				---		211989	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
BEHE	0.36	37.0	Pg	21:34:12.726	-0.2					T__		156.8		___	ML	1.5	211988	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.36	37.0	Lg	21:34:18.560	0.5					T__				---		211994	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PTJ	0.44	231.4	Lg	21:34:20.989	-0.1					T__				---		211992	FDSN	CR	--	BUD	iLoc	BHN	???	_	
ZAG	0.49	223.1	Lg	21:34:22.297	0.4					T__				---		211995	FDSN	CR	--	BUD	iLoc	BHN	???	_	
A264A	0.58	92.0	Pg	21:34:16.561	-0.3					T__		68.4		___	ML	1.7	211991	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.58	92.0	Lg	21:34:25.042	0.4					T__				---		211996	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CRES	0.79	243.3	Pg	21:34:20.395	0.2					T__		20.7		___	ML	1.3	211993	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.79	243.3	Lg	21:34:31.679	-0.4					T__				---		211997	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A265A	0.96	74.9	Lg	21:34:36.519	0.1					T__				---		211998	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
ARSA	1.25	329.2	Sn	21:34:45.395	-0.3					T__				---		211999	FDSN	OE	--	BUD	iLoc	HNN	???	_	
OBKA	1.37	284.5	Sn	21:34:48.853	0.2					T__				---		212000	FDSN	OE	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/22	23:35:44.49	0.90	0.59	46.1635	16.4521	5.1	3.9	159	4.8	8.9	19	14	128	0.32	1.52	ke	BUD	18002196	BUD			142

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	18002196

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.32	333.9	Pg	23:35:50.614	-0.3					T__		128.3		___	ML	1.3	212043	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.32	333.9	Lg	23:35:55.325	0.1					T__				---		212042	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
BEHE	0.38	36.0	Pg	23:35:51.892	-0.4					T__		286.3		___	ML	1.8	212040	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

BEHE	0.38	36.0	Lg	23:35:58.027	0.4	T__								212041	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																						
PTJ	0.42	232.9	Lg	23:35:59.269	-0.3	T__								212048	FDSN	CR	--	BUD	iLoc	BHN	???	_
A264A	0.58	90.1	Pg	23:35:55.891	-0.4	T__	94.2			ML	1.8			212047	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.58	90.1	Lg	23:36:04.601	0.6	T__								212046	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																						
A262A	0.70	4.2	Pg	23:35:58.447	0.0	T__	62.3			ML	1.7			212044	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																						
A263A	0.76	51.0	Lg	23:36:10.444	0.4	T__								212045	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
CRES	0.77	244.4	Pg	23:35:59.598	0.2	T__	23.7			ML	1.3			212049	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.77	244.4	Lg	23:36:11.302	0.6	T__								212051	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																						
A265A	0.97	73.9	Lg	23:36:16.427	0.1	T__								212052	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A273A	0.98	104.1	Sn	23:36:18.813	-0.4	T__								212053	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	1.25	36.2	Sn	23:36:25.957	-0.1	T__								212054	FDSN	HU	--	BUD	iLoc	HHN	???	_
ARSA	1.26	329.9	Pg	23:36:07.595	-0.7	T__	40.4			ML	1.8			212050	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.26	329.9	Sn	23:36:26.055	-0.2	T__								212055	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																						
OBKA	1.36	285.4	Lg	23:36:29.215	0.7	T__								212056	FDSN	OE	--	BUD	iLoc	HHN	???	_
EGYH	1.39	25.4	Lg	23:36:31.364	1.5	T__								212058	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.52	87.3	Sn	23:36:33.156	0.6	T__								212057	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
2022/05/23	06:13:36.49	0.90	1.67	47.6789	18.4473	5.1	3.9	107	0.0f	10	7	124	0.06	1.05	sx	BUD	18002202	BUD				149

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	4 BUD	18002202

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.06	227.4	Pg	06:13:39.022	0.8					T__		2005.6			ML	1.8	212161	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.06	227.4	Lg	06:13:40.311	0.3					T__						212168	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
SR0	0.16	326.2	Pg	06:13:40.883	0.7					T__	2149.4				ML	2.1	212162	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.16	326.2	Lg	06:13:42.936	-0.6					T__						212169	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
CSKK	0.34	201.9	Pg	06:13:44.463	0.7					T__	149.4				ML	1.4	212163	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
VYHS	0.86	17.6	Pg	06:13:56.857	2.9					T__	10.5				ML	1.0	212170	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
ET1H	0.98	77.7	Lg	06:14:09.935	-1.6					T__						212164	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.00	75.7	Sn	06:14:10.753	-2.1					T__						212165	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MODS	1.05	312.0	Pg	06:13:57.612	-0.1					T__						212167	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.05	312.0	Sn	06:14:12.460	-1.4					T__						212166	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
2022/05/23	07:59:23.61	1.19	1.39	47.0406	18.0305	8.0	5.0	80	0.0f		6	5	126	0.36	0.95	sx	BUD	18002204	BUD			172

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.36	25.8	Lg	07:59:37.762	-0.1					T__						212195	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MPLH	0.36	291.3	Pg	07:59:31.813	0.5					T__		96.1			ML	1.3	212193	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.36	291.3	Lg	07:59:36.186	-1.2					T__						212194	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU08A	0.40	349.5	Lg	07:59:38.881	-0.1					T__						212196	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	0.93	152.7	Lg	07:59:54.033	-1.8					T__						212197	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	0.95	177.1	Lg	07:59:56.932	1.0					T__						212198	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
2022/05/23	08:33:59.29	1.59	1.15	48.4563	17.5815	14.1	3.4	123	0.0f		10	7	220	0.22	1.32	sx	BUD	18002206	BUD			230

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.22	247.9	Pg	08:34:04.147	-0.1					T__						212219	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.22	247.9	Lg	08:34:07.323	-1.0					T__						212226	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.41	8.3	Pg	08:34:07.666	-0.3					T__		85.0			ML	1.4	212220	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.41	8.3	Lg	08:34:14.362	-0.4					T__						212223	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ZST	0.41	231.0	Lg	08:34:13.581	-1.0					T__						212225	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.99	308.1	Lg	08:34:32.787	-0.1					T__						212227	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.15	229.2	Lg	08:34:38.270	1.4					T__						212228	FDSN	OE	--	BUD	iLoc	HHE	???	_	
CONA	1.27	246.0	Pg	08:34:23.911	-0.3					T__		28.7			ML	1.7	212222	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.27	246.0	Lg	08:34:42.036	1.5					T__						212221	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MORC	1.32	358.9	Lg	08:34:43.939	1.6					T__						212224	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/23	10:08:04.17	0.87	1.15	47.5971	16.3813	5.2	4.7	17	0.0f		13	10	74	0.12	1.53	sx	BUD	18002208	BUD			129

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.12	330.8	Pg	10:08:06.797	-0.1					T__						212256	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.12	330.8	Lg	10:08:08.658	-0.3					T__						212255	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.15	54.1	Lg	10:08:10.701	0.7					T__						212257	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.48	313.6	Pg	10:08:14.322	0.5					T__		69.7			ML	1.5	212254	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.48	313.6	Lg	10:08:20.209	-0.1					T__						212258	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									

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(Station ML: 1.5 magdef=1
ARSA 0.68 239.6 Lg 10:08:25.881 0.0 T__ --- 212259 FDSN OE -- BUD iLoc HHN ??? _
MPLH 0.90 118.1 Lg 10:08:35.593 0.2 T__ --- 212260 FDSN HU -- BUD iLoc HHE ??? _
MODS 0.98 37.4 Lg 10:08:38.212 -1.1 T__ --- 212261 FDSN SK -- BUD iLoc HHN ??? _
HU08A 1.06 98.4 Sn 10:08:40.033 -1.7 T__ --- 212262 FDSN ZJ 00 BUD iLoc HHN ??? _
KOGS 1.15 184.5 Lg 10:08:41.339 -0.1 T__ --- 212263 FDSN SL -- BUD iLoc BHN ??? _
KRUC 1.47 0.4 Pn 10:08:31.642 -0.2 T__ --- 32.5 --- ML 1.8 212265 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.47 0.4 Sn 10:08:51.386 -0.4 T__ --- 212264 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 1.53 33.8 Sn 10:08:56.286 2.9 T__ --- 212266 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/23 12:11:39.38 1.73 0.78 48.5517 20.9758 15.5 5.8 16 0.0f 7 5 212 0.30 1.13 sx BUD 18002214 BUD 246

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.30 259.2 Pg 12:11:45.911 0.5 T__ 84.0 --- ML 1.0 212376 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.30 259.2 Lg 12:11:49.702 -0.4 T__ --- 212377 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ABAH 0.31 145.4 Lg 12:11:51.858 0.4 T__ --- 212381 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.33 258.3 Pg 12:11:46.624 0.4 T__ 210.0 --- ML 1.5 212379 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.33 258.3 Lg 12:11:50.801 -0.6 T__ --- 212378 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.52 215.1 Lg 12:11:58.478 -0.4 T__ --- 212380 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 1.13 111.4 Sn 12:12:17.421 -1.1 T__ --- 212382 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
2022/05/23 12:28:34.32 1.15 0.94 47.6218 16.3817 8.2 4.3 6 0.0f 8 5 175 0.10 1.44 sx BUD 18002216 BUD 248

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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
RONA 0.10 323.5 Pg 12:28:36.114 -0.5 T__ _c_ 212404 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.10 323.5 Lg 12:28:38.511 0.1 T__ --- 212405 FDSN OE -- BUD iLoc HHN ??? _
SOP 0.13 62.7 Pg 12:28:37.447 0.1 T__ 88.4 --- ML 0.6 212409 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.13 62.7 Lg 12:28:39.932 0.2 T__ --- 212406 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CONA 0.47 311.4 Pg 12:28:44.797 1.1 T__ 27.2 --- ML 1.0 212403 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.47 311.4 Lg 12:28:50.967 1.0 T__ --- 212410 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ARSA 0.69 237.8 Lg 12:28:56.075 -0.3 T__ --- 212407 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.44 0.4 Sn 12:29:20.006 -1.3 T__ --- 212408 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/24	02:04:10.56	0.85	0.66	48.0637	16.5950	4.7	3.4	122	11.0f		12	7	88	0.38	1.70	ke	BUD	18002218	BUD			151

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.4	3 BUD	18002218

Sta	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	0.38	183.7	Pg	02:04:18.346	-0.1					T__		25.1		___	ML	0.8	212440	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.38	183.7	Lg	02:04:23.787	-0.1					T__				---		212441	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.42	209.0	Pg	02:04:18.820	-0.4					T__				---		212439	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.42	209.0	Lg	02:04:24.554	-0.5					T__				---		212438	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.51	254.9	Pg	02:04:20.861	-0.1					T__		28.5		___	ML	1.2	212436	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.51	254.9	Lg	02:04:28.219	0.3					T__				---		212437	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MODS	0.55	55.5	Pg	02:04:21.920	0.0					T__				---		212443	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.55	55.5	Lg	02:04:29.406	-1.1					T__				---		212442	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.01	352.5	Pg	02:04:30.301	0.5					T__		23.5		___	ML	1.4	212444	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.01	352.5	Lg	02:04:44.415	0.0					T__				---		212445	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MPLH	1.10	144.1	Lg	02:04:48.752	1.3					T__				---		212446	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CKRC	1.70	297.3	Sn	02:05:02.410	0.5					T__				---		212447	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/24	07:31:17.08	0.98	0.29	47.3533	18.4006	5.9	4.8	103	0.0f		10	9	109	0.10	1.28	sx	BUD	18002220	BUD			127

Magnitude	Err	Nsta	Author	OrigID

Sta	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	275.9	Pg	07:31:19.674	0.0					T__		1426.7		_c_	ML	1.7	212511	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	275.9	Lg	07:31:21.637	-0.5					T__				---		212512	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
HU09A	0.29	357.5	Lg	07:31:28.594	-0.0					T__				---		212513	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	283.7	Lg	07:31:30.321	0.2					T__				---		212516	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.61	253.0	Lg	07:31:39.563	0.5					T__				---		212517	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.13	61.6	Sn	07:31:56.410	0.1					T__				---		212518	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.15	171.6	Lg	07:31:56.532	-0.1					T__				---		212519	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.16	60.2	Sn	07:31:57.151	-0.0					T__				---		212514	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VVHS	1.18	14.2	Sn	07:31:57.603	-0.0					T__				---		212520	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.28	189.4	Sn	07:31:59.926	-0.2					T__				---		212515	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
2022/05/24	08:18:36.40	0.93	1.40	48.5264	17.5193	6.0	3.0	123	0.0f		12	8	128	0.22	1.26	sx	BUD	18002222	BUD			203

Magnitude	Err	Nsta	Author	OrigID



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.22	226.6	Pg	08:18:39.312	-2.1					T__						212543	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.22	226.6	Lg	08:18:43.895	-1.6					T__						212544	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JAVC	0.35	16.7	Pg	08:18:43.091	-0.8					T__		175.7			ML	1.5	212546	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.35	16.7	Lg	08:18:48.971	-0.9					T__						212549	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ZST	0.43	220.2	Pg	08:18:47.474	2.1					T__						212545	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.43	220.2	Lg	08:18:52.404	0.0					T__						212550	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VVHS	0.88	91.6	Lg	08:19:07.273	0.4					T__						212553	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.92	306.2	Pg	08:18:55.409	1.4					T__		25.3			ML	1.4	212552	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.92	306.2	Lg	08:19:07.241	-0.2					T__						212551	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
RONA	1.16	225.2	Lg	08:19:15.593	1.0					T__						212547	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.25	0.7	Lg	08:19:18.354	1.2					T__						212554	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.26	242.2	Lg	08:19:17.419	-0.0					T__						212548	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/24	08:45:28.02	1.37	0.62	48.5362	20.8527	10.0	5.7	6	0.0f	10	8	157	0.21	1.34	sx	BUD	18002224	BUD				223

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.21	259.1	Pg	08:45:32.702	0.3					T__		276.6			ML	1.3	212577	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.21	259.1	Lg	08:45:36.482	0.6					T__						212579	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.25	257.9	Pg	08:45:33.181	-0.0					T__		1830.3			ML	2.3	212578	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.25	257.9	Lg	08:45:37.312	0.1					T__						212582	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
ABAH	0.35	132.8	Lg	08:45:42.014	0.4					T__						212580	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	207.9	Lg	08:45:45.786	0.2					T__						212583	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.89	226.4	Lg	08:45:59.192	-1.0					T__						212584	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.93	225.3	Lg	08:46:00.670	-0.4					T__						212585	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	1.02	66.6	Lg	08:46:02.624	-0.9					T__						212581	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VVHS	1.34	268.9	Sn	08:46:12.040	-0.5					T__						212586	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
2022/05/24	09:01:47.58	1.52	1.05	48.4999	21.4363	8.7	7.8	90	0.0f	9	7	161	0.24	1.22	sx	BUD	18002226	BUD				302

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.24	212.8	Pg	09:01:53.343	0.5					T__		122.3			ML	1.1	212618	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.24	212.8	Lg	09:01:56.155	-1.2					T__						212617	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.60	269.9	Pg	09:01:59.306	-0.2					T__		17.3			ML	1.1	212615	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.60	269.9	Lg	09:02:09.494	0.9	T__	---	212619	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																
(Station ML: 1.1 magdef=1)																
KECS	0.63	268.8	Lg	09:02:10.535	0.7	T__	---	212620	FDSN	SK	--	BUD	iLoc	EHN	???	_
KOLS	0.70	51.6	Lg	09:02:11.880	-0.7	T__	---	212621	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	0.72	238.5	Lg	09:02:11.978	-1.7	T__	---	212616	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	1.18	241.1	Sn	09:02:28.492	0.2	T__	---	212622	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.22	239.9	Sn	09:02:28.795	-0.3	T__	---	212623	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
2022/05/24	09:35:26.27	0.31	0.77	47.5504	18.4452	4.8	3.0	112	0.0A	0.0	12	8	105	0.10	1.34	m	kx	BUD	18002228	BUD		360
2022/05/24	09:35:24.36	0.89	0.85	47.5577	18.4810f				0.0f		12	8	106	0.10	1.35		kx	BUD_GT	18002229	BUD_GT		148
(locality : Tatabánya Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	18002229

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.10	320.5	Pg	09:35:27.553	0.5					T__		2483.3		---	ML	2.0	212669	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	09:35:29.357	-0.2					T__				---		212679	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
CSKK	0.25	217.6	Pg	09:35:30.091	0.3					T__	399.4			---	ML	1.6	212670	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	09:35:33.510	-1.0					T__				---		212672	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU10A	0.46	51.4	Lg	09:35:41.802	-0.2					T__				---		212680	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.75	239.1	Pg	09:35:39.036	-0.5					T__	52.7			---	ML	1.6	212673	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.75	239.1	Lg	09:35:49.900	-0.8					T__				---		212674	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.97	14.1	Pg	09:35:43.822	-0.2					T__	19.6			---	ML	1.3	212671	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	14.1	Lg	09:35:57.734	-0.4					T__				---		212675	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	1.02	68.8	Pg	09:35:47.469	1.6					T__	28.4			---	ML	1.5	212676	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MODS	1.15	315.7	Sn	09:36:03.729	-1.0					T__				---		212677	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORH	1.35	175.2	Sn	09:36:10.142	1.4					T__				---		212678	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
2022/05/24	12:17:35.26	2.54	0.70	47.1043	18.0198	18.6	7.1	146	0.0f		4	3	249	0.31	0.33		sx	BUD	18002230	BUD		316

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
CSKK	0.31	32.3	Lg	12:17:47.350	-0.3					T__				---		212721	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU08A	0.33	348.7	Lg	12:17:48.514	0.1					T__				---		212720	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

```

MPLH 0.33 281.6 Pg 12:17:42.744 0.2 T__ 99.2 ___ ML 1.2 212719 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.33 281.6 Lg 12:17:47.601 -0.6 T__ ___ 212722 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/25 07:52:12.10 0.88 1.33 48.5123 17.4610 5.6 2.9 130 0.0f 11 8 126 0.18 1.27 sx BUD 18002236 BUD 195

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.18 221.5 Pg 07:52:15.728 -0.7 T__ ___ 212875 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.18 221.5 Lg 07:52:19.177 -0.8 T__ ___ 212876 FDSN SK -- BUD iLoc HHE ??? _
JAVC 0.37 21.7 Pg 07:52:19.005 -1.1 T__ 138.2 ___ ML 1.5 212879 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 21.7 Lg 07:52:25.650 -0.8 T__ ___ 212878 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ZST 0.40 217.2 Lg 07:52:26.217 -0.7 T__ ___ 212877 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.89 308.4 Lg 07:52:44.441 2.0 T__ ___ 212882 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.91 90.6 Pg 07:52:31.446 0.9 T__ 10.5 ___ ML 1.0 212880 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.91 90.6 Lg 07:52:43.725 -0.1 T__ ___ 212881 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
RONA 1.13 224.3 Lg 07:52:50.570 1.5 T__ ___ 212883 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.22 241.9 Lg 07:52:53.128 1.3 T__ ___ 212884 FDSN OE -- BUD iLoc HHN ??? _
MORC 1.27 2.4 Lg 07:52:54.716 1.4 T__ ___ 212885 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/25 08:22:09.81 1.52 0.83 47.8875 20.1022 13.2 3.3 158 0.0f 13 7 216 0.14 1.04 sx BUD 18002238 BUD 241

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Magnitude Err Nsta Author OrigID  
ML 1.4 0.0 6 BUD 18002238

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.14 282.5 Pg 08:22:13.563 0.1 T__ 1294.6 ___ ML 1.8 212915 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.14 282.5 Lg 08:22:16.031 -0.6 T__ ___ 212916 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
ET1H 0.16 267.0 Pg 08:22:13.583 0.0 T__ 469.8 ___ ML 1.4 212917 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.16 267.0 Lg 08:22:15.991 -0.6 T__ ___ 212926 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU03A 0.34 272.9 Pg 08:22:17.741 0.6 T__ 154.4 ___ ML 1.4 212918 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.34 272.9 Lg 08:22:23.081 0.4 T__ ___ 212919 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.37 50.3 Pg 08:22:17.478 -0.4 T__ 127.0 ___ ML 1.4 212921 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.37 50.3 Lg 08:22:24.052 -0.1 T__ ___ 212920 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

KECS 0.65 23.1 Lg 08:22:33.681 0.9 T\_\_ 212922 FDSN SK -- BUD iLoc EHN ??? \_  
 JOS 0.68 25.5 Pg 08:22:23.465 0.1 T\_\_ 49.0 --- ML 1.6 212923 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 0.68 25.5 Lg 08:22:34.086 0.4 T\_\_ --- 212927 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 VYHS 1.04 306.1 Pg 08:22:31.861 1.0 T\_\_ 14.3 --- ML 1.2 212924 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 1.04 306.1 Lg 08:22:44.160 -1.9 T\_\_ --- 212925 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=0

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/05/25 08:52:03.23 0.98 0.87 47.7203 20.1480 5.9 3.6 40 0.0f 11 8 156 0.11 1.17 sx BUD 18002240 BUD 264

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.2 4 BUD 18002240

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 HU23A 0.11 139.8 Pg 08:52:06.480 0.4 T\_\_ 280.3 --- ML 1.0 212994 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1  
 ET1H 0.25 310.5 Pg 08:52:09.973 1.1 T\_\_ 200.7 --- ML 1.3 212987 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ET1H 0.25 310.5 Lg 08:52:12.825 -0.3 T\_\_ --- 212988 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 PSZ 0.26 319.3 Pg 08:52:09.629 0.3 T\_\_ 616.6 --- ML 1.8 212990 FDSN GE -- BUD iLoc HHZ HHZ \_  
 PSZ 0.26 319.3 Lg 08:52:12.501 -1.6 T\_\_ --- 212989 FDSN GE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 HU03A 0.41 296.6 Lg 08:52:17.975 -0.7 T\_\_ --- 212995 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 HU02A 0.48 32.1 Pg 08:52:13.917 0.5 T\_\_ 51.6 --- ML 1.3 212991 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.48 32.1 Lg 08:52:20.674 -0.6 T\_\_ --- 212992 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 KECS 0.80 16.4 Lg 08:52:31.202 -0.1 T\_\_ --- 212996 FDSN SK -- BUD iLoc EHN ??? \_  
 JOS 0.82 18.5 Lg 08:52:32.191 0.2 T\_\_ --- 212997 FDSN ZJ -- BUD iLoc HHN ??? \_  
 VYHS 1.17 311.9 Sn 08:52:42.764 -0.8 T\_\_ --- 212993 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  
 2022/05/25 08:55:07.72 0.79 1.03 48.3172 18.5600 3.5 3.3 1 0.0f 25 16 70 0.26 1.61 sx BUD 18002242 BUD 105

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.3 8 BUD 18002242

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 VYHS 0.26 46.0 Pg 08:55:13.735 0.6 T\_\_ 292.6 --- ML 1.5 213054 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 0.26 46.0 Lg 08:55:17.821 0.6 T\_\_ --- 213055 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=0  
 A338A 0.33 204.8 Lg 08:55:20.481 -0.0 T\_\_ --- 213056 FDSN Z3 00 BUD iLoc HH2 ??? \_  
 SR0 0.53 198.3 Lg 08:55:26.959 -0.5 T\_\_ --- 213057 FDSN SK -- BUD iLoc EHN ??? \_

HU10A	0.56	146.8	Lg	08:55:27.883	-0.7	T__										213058	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JAVC	0.80	312.9	Pg	08:55:24.421	0.2	T__	129.4									213060	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.80	312.9	Lg	08:55:35.668	-1.0	T__										213059	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
MODS	0.86	274.3	Pg	08:55:26.290	1.1	T__										213062	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.86	274.3	Lg	08:55:37.133	-1.2	T__										213061	FDSN	SK	--	BUD	iLoc	HHN	???	_
CSKK	0.98	192.0	Lg	08:55:41.659	-1.1	T__										213064	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.98	113.6	Pn	08:55:27.390	-0.6	T__	62.1									213050	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.98	113.6	Lg	08:55:41.267	-1.7	T__										213051	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
ZST	0.98	263.5	Lg	08:55:41.370	-0.8	T__										213063	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.98	116.0	Pn	08:55:27.592	-0.2	T__	31.7									213053	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.98	116.0	Lg	08:55:40.782	-1.8	T__										213052	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU08A	0.98	206.0	Lg	08:55:42.330	-0.2	T__										213065	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	1.29	81.9	Pn	08:55:32.973	0.9	T__	69.0									213047	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.29	81.9	Sn	08:55:50.896	-0.6	T__										213066	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=0)																								
HU02A	1.33	97.7	Pn	08:55:34.875	2.2	T__	32.7									213049	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.33	97.7	Sn	08:55:52.879	0.4	T__										213048	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
JOS	1.33	81.5	Pn	08:55:33.256	0.6	T__	26.4									213045	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.33	81.5	Sn	08:55:52.393	0.1	T__										213046	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MPLH	1.34	211.3	Sn	08:55:52.490	0.1	T__										213067	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORC	1.61	335.8	Pn	08:55:37.209	0.4	T__	41.3									213068	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.61	335.8	Lg	08:55:58.167	-1.7	T__										213069	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/25	12:40:30.24	4.34	0.50	46.8923	22.7919	28.0	15.4	173	0.0f		6	5	282	0.12	1.60	sx	BUD	18002244	BUD			308

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.12	208.9	Pg	12:40:32.720	-0.2					T__		314.4			ML	1.1	213161	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.12	208.9	Lg	12:40:35.209	-0.1					T__						213162	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
SIRR	1.00	231.7	Lg	12:41:05.158	0.5					T__						213163	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.50	180.4	Sn	12:41:18.752	0.0					T__						213164	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.51	213.0	Sn	12:41:19.642	0.6					T__						213165	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.60	154.5	Sn	12:41:21.503	0.3					T__						213166	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/26	08:58:22.25	1.03	1.16	48.2362	21.2307	5.4	3.4	135	0.0f	15	9	152	0.06	1.62	sx	BUD	18002246	BUD				204

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	18002246

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.06	5.7	Pg	08:58:24.065	0.0					T__		23831.7		___	ML	2.8	213245	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	5.7	Lg	08:58:24.923	-0.9					T__				---		213244	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.8 magdef=1)																					
				(Station ML: 2.8 magdef=0)																					
HU02A	0.49	256.7	Pg	08:58:32.592	0.0					T__		68.1		___	ML	1.5	213240	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	256.7	Lg	08:58:39.421	-1.1					T__				---		213253	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=0)																					
JOS	0.53	299.7	Pg	08:58:33.286	0.4					T__		75.5		___	ML	1.6	213242	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	299.7	Lg	08:58:40.608	-0.4					T__				---		213243	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
KECS	0.56	296.7	Pg	08:58:33.989	0.5					T__		130.1		___	ML	1.9	213241	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.56	296.7	Lg	08:58:41.019	-0.9					T__				---		213246	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
TRPA	0.88	96.4	Pg	08:58:39.787	0.4					T__		84.6		___	ML	1.9	213247	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.88	96.4	Lg	08:58:52.550	-1.4					T__				---		213254	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
PSZ	0.95	251.0	Lg	08:58:54.385	-2.2					T__				---		213248	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.98	249.1	Pg	08:58:42.499	-0.2					T__		33.3		___	ML	1.6	213250	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.98	249.1	Lg	08:58:56.449	-0.6					T__				---		213249	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
KOLS	0.98	44.4	Lg	08:58:56.922	-0.1					T__				---		213251	FDSN	SK	--	BUD	iLoc	HHE	???	_	
VYHS	1.62	280.1	Sn	08:59:15.964	2.4					T__				---		213252	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
2022/05/26	10:39:54.89	1.40	0.72	48.6259	19.6413	10.4	5.3	174	0.0f	7	5	205	0.55	0.76	sx	BUD	18002248	BUD				293

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	18002246

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.55	256.4	Lg	10:40:13.842	-0.4					T__				---		213286	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.58	104.0	Pg	10:40:07.139	0.6					T__		93.3		___	ML	1.8	213283	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.58	104.0	Lg	10:40:15.045	-0.2					T__				---		213282	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
JOS	0.61	102.0	Pg	10:40:07.303	0.2					T__		61.2		___	ML	1.6	213285	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	102.0	Lg	10:40:15.191	-1.1					T__				---		213284	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
PSZ	0.73	166.5	Lg	10:40:21.363	-0.1					T__				---		213287	FDSN	GE	--	BUD	iLoc	HHE	???	_	
ET1H	0.76	168.3	Lg	10:40:21.878	-0.3					T__				---		213288	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
2022/05/26	23:05:18.02	3.67	0.62	46.4304	16.2877	33.8	7.1	89	5.0f	5	4	235	0.03	0.97	ke	BUD	18002254	BUD				258

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.03	304.4	Pg	23:05:19.071	-0.2					T__		614.9		___	ML	1.2	213387	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.03	304.4	Lg	23:05:20.569	0.3					T__				---		213386	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
PTJ	0.57	203.1	Lg	23:05:38.335	0.6					T__				---		213388	FDSN	CR	--	BUD	iLoc	BHE	???	_	
CRES	0.84	224.0	Lg	23:05:46.004	-0.4					T__				---		213389	FDSN	SL	--	BUD	iLoc	BHE	???	_	
ARSA	0.97	327.7	Lg	23:05:49.510	0.4					T__				---		213390	FDSN	OE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/27	06:21:57.25	1.08	1.17	48.3430	21.4963	12.6	4.2	154	0.0f	12	8	165	0.18	1.35	sx	BUD	18002260	BUD				206

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	18002260

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.18	254.8	Pg	06:22:01.971	0.7					T__		544.7		___	ML	1.5	213501	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	254.8	Lg	06:22:05.935	1.1					T__				---		213506	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.66	283.8	Pg	06:22:11.188	0.8					T__		32.1		___	ML	1.4	213505	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	283.8	Lg	06:22:20.163	-0.1					T__				---		213504	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.69	251.6	Pg	06:22:11.065	-0.5					T__		33.7		___	ML	1.4	213502	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.69	251.6	Lg	06:22:21.258	-1.1					T__				---		213503	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.69	282.1	Lg	06:22:19.691	-1.7					T__				---		213509	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.78	40.8	Pg	06:22:12.556	0.2					T__				---		213508	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.78	40.8	Lg	06:22:23.556	-1.5					T__				---		213507	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
PSZ	1.15	249.0	Sn	06:22:36.711	-0.5					T__				---		213510	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.18	247.5	Sn	06:22:36.273	-1.6					T__				---		213511	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MEZ	1.35	82.0	Sn	06:22:42.731	0.6					T__				---		213512	FDSN	UA	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/27	07:54:22.79	0.38	1.16	46.9634	17.3117	4.2	4.1	117	0.0A	0.0	8	6	120	0.12	1.03	m	kx	BUD	18002262	BUD			360
2022/05/27	07:54:21.02	0.96	1.07	46.9790	17.3040f				0.0f	8	6	144	0.11	1.05	kx	BUD_GT	18002263	BUD_GT					250

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

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.11	255.8	Pg	07:54:23.627	-0.3					T__		4259.7		---	ML	2.2	213571	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.11	255.8	Lg	07:54:26.987	0.7					T__				---		213572	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BADH	0.21	146.3	Lg	07:54:29.409	-0.1					T__				---		213574	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.25	40.0	Pg	07:54:26.475	-0.2					T__		376.2		---	ML	1.6	213569	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.25	40.0	Lg	07:54:32.136	1.0					T__				---		213570	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A263A	0.34	178.7	Lg	07:54:33.414	-0.2					T__				---		213573	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOGS	0.90	234.2	Lg	07:54:51.989	1.5					T__				---		213575	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KOVH	1.05	148.1	Lg	07:54:54.768	-2.0					T__				---		213576	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
2022/05/27	08:22:35.77	1.01	0.30	46.1582	18.2931	10.2	3.7	156	0.0f		5	3	165	0.15	0.37	sx	BUD	18002264	BUD			280

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	242.6	Pg	08:22:39.494	0.0					T__		574.9		---	ML	1.5	213594	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	242.6	Lg	08:22:42.452	0.0					T__				---		213595	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	76.8	Pg	08:22:41.485	0.2					T__		135.5		---	ML	1.1	213596	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	76.8	Lg	08:22:45.429	-0.4					T__				---		213597	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A266A	0.37	356.9	Lg	08:22:49.698	-0.1					T__				---		213598	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/27	09:33:19.90	1.25	1.10	48.6801	20.8205	6.7	5.2	4	0.0f		10	6	168	0.26	0.98	sx	BUD	18002266	BUD			275

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD	18002266

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.26	225.4	Pg	09:33:25.891	0.6					T__		128.8		---	ML	1.1	213625	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.26	225.4	Lg	09:33:29.817	0.4					T__				---		213626	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.30	228.6	Pg	09:33:26.640	0.6					T__		494.6		---	ML	1.8	213624	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.30	228.6	Lg	09:33:30.419	-0.3					T__				---		213623	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.47	143.9	Pg	09:33:30.520	1.0					T__		36.6		---	ML	1.2	213630	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.47	143.9	Lg	09:33:36.107	-1.6					T__				---		213629	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.59	199.5	Pg	09:33:31.652	-0.6					T__		27.5		---	ML	1.3	213627	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_



```

HU02A 0.59 199.5 Lg      09:33:40.307 -1.3      T__      ---      213628      FDSN ZJ      00 BUD      iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
NIE 0.81 335.3 Lg      09:33:45.593 -1.3      T__      ---      213632      FDSN PL      -- BUD      iLoc BHN ??? _
PSZ 0.98 219.4 Lg      09:33:54.586 -0.5      T__      ---      213631      FDSN GE      -- BUD      iLoc HHN ??? _

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/27 10:44:15.69 0.38 0.90 47.5498 18.3971 4.5 3.6 117 0.0A 0.0 10 8 135 0.09 1.12 m kx BUD 18002268 BUD 360
2022/05/27 10:44:13.66 0.92 1.30 47.5577 18.4810f 0.0f 10 8 147 0.10 1.15 kx BUD_GT 18002269 BUD_GT 245
(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.10 320.5 Pg 10:44:17.081 0.8 T__ 1444.8 --- ML 1.8 213681 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.10 320.5 Lg 10:44:17.903 -0.9 T__ --- 213680 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CSKK 0.25 217.6 Pg 10:44:19.391 0.3 T__ 268.2 --- ML 1.4 213678 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.25 217.6 Lg 10:44:22.248 -1.6 T__ --- 213682 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SRO 0.28 336.2 Lg 10:44:24.148 -0.7 T__ --- 213683 FDSN SK -- BUD iLoc EHN ??? _
HU10A 0.46 51.4 Lg 10:44:32.242 1.0 T__ --- 213684 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.97 14.1 Lg 10:44:47.545 0.1 T__ --- 213679 FDSN SK -- BUD iLoc HHN ??? _
ET1H 0.99 70.6 Lg 10:44:47.630 -1.5 T__ --- 213686 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.02 68.8 Sn 10:44:52.288 1.4 T__ --- 213685 FDSN GE -- BUD iLoc HHN ??? _
MODS 1.15 315.7 Sn 10:44:51.739 -2.3 T__ --- 213687 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
2022/05/27 12:22:40.22 1.13 0.72 47.1058 18.0245 7.6 5.1 86 0.0f 6 5 145 0.22 1.02 sx BUD 18002272 BUD 188

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
TIH 0.22 203.7 Pg 12:22:45.465 0.2 T__ 295.5 --- ML 1.4 213749 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
CSKK 0.30 31.9 Lg 12:22:52.185 -0.4 T__ --- 213751 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.33 348.1 Lg 12:22:54.157 0.8 T__ --- 213750 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.34 281.2 Pg 12:22:47.236 -0.3 T__ 65.8 --- ML 1.1 213748 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.34 281.2 Lg 12:22:53.262 0.1 T__ --- 213752 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KOVH 1.02 177.0 Lg 12:23:14.948 -0.8 T__ --- 213753 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
2022/05/28 07:32:19.21 1.04 0.54 46.1394 18.2938 11.0 3.7 158 0.0f 5 3 176 0.14 0.39 sx BUD 18002276 BUD 284

```

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.14	249.3	Pg	07:32:22.970	0.2					T__		660.9		---	ML	1.5	213824	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.14	249.3	Lg	07:32:25.270	-0.4					T__				---		213825	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
MORH	0.25	72.6	Pg	07:32:25.124	0.3					T__		200.1		---	ML	1.3	213827	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	72.6	Lg	07:32:28.849	-0.6					T__				---		213826	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
A266A	0.39	357.0	Lg	07:32:33.670	-0.2					T__				---		213823	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/30	07:40:11.86	0.92	0.50	48.4248	19.5444	5.7	3.5	5	0.0f		11	7	107	0.48	1.11	sx	BUD	18002284	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	18002284

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.48	278.6	Pg	07:40:21.993	0.3					T__		16.1		---	ML	0.8	214075	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	278.6	Lg	07:40:27.891	-0.9					T__				---		214074	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
HU03A	0.52	175.9	Lg	07:40:31.177	0.3					T__				---		214073	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.56	155.1	Lg	07:40:32.200	-0.5					T__				---		214072	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.63	84.3	Pg	07:40:24.576	0.1					T__		112.0		---	ML	1.9	214068	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.63	84.3	Lg	07:40:33.880	-0.1					T__				---		214069	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
JOS	0.67	83.5	Pg	07:40:25.133	-0.0					T__		33.3		---	ML	1.4	214066	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	83.5	Lg	07:40:35.194	-0.0					T__				---		214067	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU02A	0.72	114.4	Pg	07:40:27.160	0.3					T__		28.8		---	ML	1.4	214071	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	114.4	Lg	07:40:37.385	-0.8					T__				---		214070	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
NIE	1.11	26.3	Lg	07:40:49.283	0.2					T__				---		214076	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
2022/05/30	07:57:02.33	0.92	0.82	48.9538	19.3478	6.8	4.3	174	0.0f		15	9	107	0.57	1.44	sx	BUD	18002288	BUD			174

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	6 BUD	18002288

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.57	216.6	Pg	07:57:14.643	0.7					T__		16.0		---	ML	1.0	214168	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.57	216.6	Lg	07:57:22.002	-0.3					T__				---		214167	FDSN	SK	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
NIE 0.78 53.0 Lg 07:57:29.379 1.2 T__ --- 214166 FDSN PL -- BUD iLoc BHN ??? _
KECS 0.89 121.6 Pg 07:57:19.710 -0.2 T__ 196.4 --- ML 2.3 214162 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.89 121.6 Lg 07:57:33.314 0.2 T__ --- 214169 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
JOS 0.91 119.7 Pg 07:57:20.066 -0.3 T__ 34.2 --- ML 1.5 214160 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.91 119.7 Lg 07:57:33.049 -0.8 T__ --- 214161 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 1.10 160.4 Pn 07:57:25.946 0.9 T__ 38.5 --- ML 1.7 214165 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.10 160.4 Sn 07:57:41.101 0.2 T__ --- 214171 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.11 265.7 Sn 07:57:39.755 -1.5 T__ --- 214170 FDSN CZ -- BUD iLoc HHN ??? _
ET1H 1.13 161.8 Pn 07:57:25.568 0.1 T__ 23.7 --- ML 1.5 214173 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.13 161.8 Lg 07:57:41.563 -0.5 T__ --- 214172 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 1.14 136.3 Pn 07:57:25.362 -0.3 T__ 26.2 --- ML 1.6 214164 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.14 136.3 Lg 07:57:41.138 -0.5 T__ --- 214163 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORC 1.44 305.6 Lg 07:57:47.776 -1.1 T__ --- 214174 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/30 08:14:59.69 0.98 1.30 47.1057 17.9846 5.6 3.9 71 0.0f 9 7 85 0.22 1.02 sx BUD 18002290 BUD 155

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Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
TIH 0.22 197.0 Pg 08:15:04.984 0.5 T__ 953.3 --- ML 1.9 214204 FDSN HU -- BUD iLoc HHZ HHZ _
TIH 0.22 197.0 Lg 08:15:07.632 -0.8 T__ --- 214207 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 0.31 282.1 Pg 08:15:07.723 1.2 T__ 104.4 --- ML 1.2 214212 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.31 282.1 Lg 08:15:09.695 -2.1 T__ --- 214211 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.32 36.0 Lg 08:15:11.813 -0.7 T__ --- 214205 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.33 352.8 Lg 08:15:11.525 -1.1 T__ --- 214208 FDSN ZJ 00 BUD iLoc HHE ??? _
A267A 0.38 114.9 Lg 08:15:13.455 -0.7 T__ --- 214209 FDSN ZJ 00 BUD iLoc HHE ??? _
MORH 1.00 152.8 Lg 08:15:34.659 0.4 T__ --- 214210 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.02 175.5 Lg 08:15:34.345 -0.9 T__ --- 214206 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
2022/05/30 09:58:02.76 1.16 1.15 47.8657 18.8484 5.9 5.2 150 0.0f 9 7 126 0.12 1.13 sx BUD 18002292 BUD 212

```

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.12	100.1	Pg	09:58:06.226	0.6					T__		1365.3		___	ML	1.8	214310	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.12	100.1	Lg	09:58:08.828	0.7					T__				___		214311	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BUD	0.40	162.7	Lg	09:58:17.406	-0.8					T__				___		214314	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU03A	0.51	85.4	Lg	09:58:20.559	-0.9					T__				___		214315	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.63	359.3	Lg	09:58:24.728	-0.3					T__				___		214316	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	0.69	88.5	Lg	09:58:27.306	-0.5					T__				___		214312	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.71	85.3	Pg	09:58:18.255	0.4					T__		51.5		___	ML	1.6	214313	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	85.3	Lg	09:58:26.559	-2.2					T__				___		214317	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MPLH	1.13	232.4	Lg	09:58:41.079	-0.4					T__				___		214318	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	
2022/05/30	11:34:50.55	0.94	0.53	47.8887	16.0797	6.4	3.9	28	0.0f		8	5	109	0.15	1.50	sx	BUD	18002294	BUD				193

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	285.2	Pg	11:34:53.791	-0.0					T__		293.1		_c	ML	1.2	214340	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	285.2	Lg	11:34:56.448	0.3					T__				___		214344	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
RONA	0.24	142.2	Pg	11:34:55.672	0.1					T__				___		214342	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	142.2	Lg	11:34:59.488	0.4					T__				___		214341	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.74	210.8	Pg	11:35:03.944	-1.0					T__		50.9		___	ML	1.6	214343	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	210.8	Lg	11:35:14.370	0.1					T__				___		214345	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MODS	0.94	58.4	Lg	11:35:23.674	-0.4					T__				___		214346	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CKRC	1.50	308.9	Sn	11:35:39.410	0.3					T__				___		214347	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/05/31	01:35:42.08	1.21	1.62	47.5730	18.2289	7.6	5.4	165	9.0f		5	3	181	0.12	0.25	ke	BUD	18002298	BUD					298

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.12	57.7	Lg	01:35:46.874	-1.0					T__				___		214413	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.21	174.2	Pg	01:35:47.661	0.9					T__		172.1		___	ML	1.1	214409	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.21	174.2	Lg	01:35:49.560	-1.3					T__				___		214410	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU08A	0.25	235.7	Pg	01:35:48.236	0.7					T__		39.0		___	ML	0.6	214412	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.25	235.7	Lg	01:35:50.747	-1.1					T__				___		214411	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/31	06:44:13.63	3.26	0.99	46.9662	22.8400	26.4	12.8	155	0.0f	7	5	286	0.20	1.65	sx	BUD	18002300	BUD				311

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.20	206.9	Pg	06:44:17.839	-0.0					T__		392.0		---	ML	1.4	214446	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.20	206.9	Lg	06:44:20.815	-0.6					T__				---		214449	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
SIRR	1.07	229.8	Lg	06:44:50.115	-0.3					T__				---		214450	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.57	181.6	Sn	06:45:05.477	1.5					T__				---		214447	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.59	212.6	Lg	06:45:06.817	1.0					T__				---		214451	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.65	156.6	Pn	06:44:43.858	-0.1					T__		25.8		---	ML	1.8	214448	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.65	156.6	Sn	06:45:05.386	-0.5					T__				---		214452	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/31	07:50:35.81	1.04	0.67	47.9419	16.0627	6.9	4.4	28	0.0f	6	3	135	0.14	1.14	sx	BUD	18002302	BUD				253

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	264.3	Pg	07:50:38.454	-0.3					T__		144.3		---	ML	0.8	214471	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	264.3	Lg	07:50:41.488	0.6					T__				---		214475	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.29	146.9	Pg	07:50:41.576	-0.2					T__				---		214473	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.29	146.9	Lg	07:50:46.342	0.4					T__				---		214472	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.14	11.0	Pg	07:50:58.338	0.6					T__		29.5		---	ML	1.6	214474	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.14	11.0	Lg	07:51:14.038	-0.6					T__				---		214476	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/31	08:31:30.46	1.34	0.39	48.8215	16.1154	12.1	4.8	105	0.0f	8	4	206	0.30	1.13	sx	BUD	18002304	BUD				288

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.30	37.4	Pg	08:31:36.547	0.2					T__		145.3		---	ML	1.3	214541	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.30	37.4	Lg	08:31:40.655	-0.4					T__				---		214540	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MODS	0.89	119.7	Pg	08:31:48.496	-0.0					T__				---		214538	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.89	119.7	Lg	08:32:02.264	0.1					T__				---		214539	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	0.91	190.8	Pg	08:31:48.286	-0.2					T__		39.5		---	ML	1.6	214534	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

```

CONA 0.91 190.8 Lg 08:32:00.757 0.5 T__ --- 214535 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 1.13 173.8 Pg 08:31:52.221 -0.6 T__ --- 214537 FDSN OE -- BUD iLoc HHZ ??? _
RONA 1.13 173.8 Lg 08:32:07.595 0.1 T__ --- 214536 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/31 08:34:55.50 0.95 1.27 48.7386 18.6918 7.2 3.5 40 0.0f 13 8 172 0.26 1.28 sx BUD 18002306 BUD 216

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Magnitude Err Nsta Author OrigID
ML 1.8 0.0 5 BUD 18002306

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.26 158.6 Pg 08:35:02.406 1.4 T__ 190.1 --- ML 1.3 214571 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.26 158.6 Lg 08:35:05.864 0.8 T__ --- 214570 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
JAVC 0.69 280.5 Pg 08:35:10.033 0.4 T__ 79.9 --- ML 1.8 214572 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.69 280.5 Lg 08:35:20.101 -0.2 T__ --- 214573 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A338A 0.76 197.5 Lg 08:35:22.949 -0.1 T__ --- 214574 FDSN Z3 00 BUD iLoc HH2 ??? _
SRO 0.96 195.4 Pg 08:35:16.237 1.6 T__ 817.2 --- ML 2.9 214575 FDSN SK -- BUD iLoc EH2 EH2 _
SRO 0.96 195.4 Sn 08:35:29.559 -1.0 T__ --- 214576 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
MODS 1.01 249.3 Pg 08:35:16.542 0.7 T__ --- 214579 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.01 249.3 Lg 08:35:30.779 -0.3 T__ --- 214578 FDSN SK -- BUD iLoc HHN ??? _
HU03A 1.03 143.7 Lg 08:35:30.067 -1.8 T__ --- 214577 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.17 137.1 Pn 08:35:17.559 -1.5 T__ 33.6 --- ML 1.7 214580 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.17 137.1 Sn 08:35:34.542 -1.1 T__ --- 214581 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORC 1.28 324.5 Pg 08:35:20.813 1.5 T__ 38.6 --- ML 1.8 214582 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/05/31 08:37:24.71 0.78 0.74 47.3497 18.4046 4.9 4.1 135 0.0f 14 12 110 0.10 1.28 sx BUD 18002308 BUD 111

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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 0.10 277.9 Pg 08:37:27.151 -0.2 T__ 2194.3 --- ML 1.9 214615 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 277.9 Lg 08:37:28.913 -1.0 T__ --- 214618 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU09A 0.29 357.0 Lg 08:37:36.299 -0.1 T__ --- 214616 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.34 284.2 Lg 08:37:37.594 -0.3 T__ --- 214619 FDSN ZJ 00 BUD iLoc HHE ??? _
A267A 0.41 172.5 Lg 08:37:39.508 -0.7 T__ --- 214620 FDSN ZJ 00 BUD iLoc HHE ??? _

```

MPLH	0.62	253.4	Lg	08:37:47.273	0.5	T__									214621	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU10A	0.65	39.7	Lg	08:37:48.481	-0.3	T__									214622	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
ET1H	1.12	61.4	Sn	08:38:04.236	0.3	T__									214617	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MORH	1.15	171.7	Sn	08:38:04.346	-0.0	T__									214623	FDSN	HU	--	BUD	iLoc	HHE	???	_		
PSZ	1.16	60.0	Pn	08:37:48.259	0.0	T__				39.6					ML	1.7	214625	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	60.0	Sn	08:38:05.039	0.2	T__										214624	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	1.18	14.1	Sn	08:38:05.323	-0.0	T__										214626	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	1.28	323.9	Sn	08:38:08.903	1.3	T__										214627	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.28	189.5	Sn	08:38:09.202	1.5	T__										214628	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
2022/05/31	09:26:33.10	1.05	1.13	48.8454	21.2203	6.7	5.5	150	0.0f		7	5	130	0.57	0.86	sx	BUD	18002310	BUD			259

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.57	232.5	Lg	09:26:54.321	1.2					T__						214671	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.61	233.6	Lg	09:26:54.887	0.5					T__						214672	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.70	82.4	Pg	09:26:46.561	0.0					T__						214667	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
NIE	0.83	313.8	Pg	09:26:48.460	-0.4					T__	11.3				ML	1.0	214666	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.83	313.8	Lg	09:27:01.232	0.5					T__						214668	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.86	212.8	Pg	09:26:50.649	-0.1					T__	23.9				ML	1.4	214670	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	212.8	Lg	09:27:02.262	-1.7					T__						214669	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/31	10:36:57.93	0.44	0.66	47.5673	18.3455	12.8	3.7	112	0.0A	0.0	7	4	183	0.08	0.98	m	kx	BUD	18002312	BUD			360
2022/05/31	10:36:55.95	0.95	1.18	47.5577	18.4810f				0.0f		7	4	166	0.10	0.97		kx	BUD_GT	18002313	BUD_GT			269

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	18002313

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	320.5	Pg	10:36:58.393	-0.2					T__		1768.5			ML	1.8	214693	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	10:36:59.534	-1.6					T__						214694	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CSKK	0.25	217.6	Pg	10:37:01.722	0.4					T__	211.7				ML	1.3	214695	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	10:37:04.780	-1.3					T__						214698	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU10A	0.46	51.4	Lg	10:37:14.792	1.2					T__						214696	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.97	14.1	Pn	10:37:16.852	1.0					T__	12.5				ML	1.1	214699	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS 0.97 14.1 Lg 10:37:30.903 1.1 T\_\_ --- 214697 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/31	11:29:33.02	0.91	1.11	47.8757	16.0558	5.9	3.9	31	0.0f	8	5	81	0.14	1.21	---	sx	BUD	18002314	BUD			160

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	292.0	Pg	11:29:35.947	-0.1					T__		174.0		---	ML	0.9	214722	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	292.0	Lg	11:29:38.394	0.1					T__				---		214725	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
RONA	0.24	137.3	Pg	11:29:37.810	-0.3					T__				---		214724	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	137.3	Lg	11:29:41.539	-0.1					T__				---		214723	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.72	210.2	Pg	11:29:46.229	-0.8					T__		32.4		---	ML	1.4	214726	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.72	210.2	Lg	11:29:57.696	1.6					T__				---		214727	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
MODS	0.96	58.2	Lg	11:30:08.503	1.3					T__				---		214728	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	10.6	Sn	11:30:13.186	-1.1					T__				---		214729	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/06/01	06:33:16.99	0.46	0.60	47.3088	18.2565	5.3	4.7	69	0.0A	0.0	9	7	132	0.05	1.26	m	kx	BUD	18002320	BUD			360	
2022/06/01	06:33:15.06	0.99	0.73	47.3167	18.3081f				0.0f		9	7	125	0.06	1.23		kx	BUD_GT	18002321	BUD_GT			232	
(locality : Magyaralmás Hungary) (GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.1 3 BUD 18002321

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	06:33:17.104	0.2					T__		1288.9		---	ML	1.6	214876	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	06:33:17.938	-0.9					T__				---		214877	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU08A	0.29	293.8	Lg	06:33:25.559	-1.0					T__				---		214878	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.33	8.9	Pg	06:33:22.737	0.7					T__		108.4		---	ML	1.2	214879	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
MORH	1.13	168.1	Lg	06:33:53.016	-0.7					T__				---		214880	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ET1H	1.20	61.4	Sn	06:33:56.983	0.9					T__				---		214881	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.23	16.6	Pg	06:33:40.610	0.6					T__		9.6		---	ML	1.2	214884	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.23	16.6	Sn	06:33:56.983	-0.4					T__				---		214883	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
PSZ	1.23	60.1	Sn	06:33:57.796	0.4					T__				---		214882	FDSN	GE	--	BUD	iLoc	HHN	???	_	



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/01	07:33:40.14	1.08	1.24	47.9878	16.6595	8.1	4.2	117	0.0f	9	6	145	0.31	1.09	sx	BUD	18002322	BUD				201

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
SOP	0.31	192.6	Lg	07:33:52.244	1.1					T__						214918	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	0.38	220.5	Pg	07:33:47.157	-0.7					T__						214924	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.38	220.5	Lg	07:33:51.999	-1.1					T__						214919	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.54	264.0	Pg	07:33:50.670	-0.3					T__		22.2				214925	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.54	264.0	Lg	07:33:58.585	0.4					T__						214920	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
MODS	0.57	46.7	Lg	07:34:01.135	0.1					T__						214921	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	1.07	226.6	Lg	07:34:16.477	2.4					T__						214922	FDSN	OE	--	BUD	iLoc	HHE	???	_
KRUC	1.09	350.8	Pg	07:34:01.473	0.4					T__		19.9				214926	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.09	350.8	Lg	07:34:16.788	-0.4					T__						214923	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/01	08:01:36.25	1.49	0.88	48.5649	20.7497	10.7	5.8	178	0.0f	12	8	161	0.16	1.27	sx	BUD	18002324	BUD				221

Magnitude Err Nsta Author OrigID  
ML 1.6 0.3 4 BUD 18002324

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
JOS	0.16	243.8	Pg	08:01:39.366	-0.2					T__		424.6				214954	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	243.8	Lg	08:01:42.703	0.5					T__						214955	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
KECS	0.19	245.1	Pg	08:01:41.394	1.0					T__		2560.5				214956	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	245.1	Lg	08:01:43.909	0.4					T__						214959	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
ABAH	0.42	129.3	Lg	08:01:53.055	0.8					T__						214960	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.47	198.8	Lg	08:01:54.331	0.6					T__						214961	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.86	221.8	Pg	08:01:53.532	-0.9					T__		53.8				214957	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	221.8	Lg	08:02:06.621	-0.8					T__						214962	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
ET1H	0.90	220.9	Pg	08:01:54.559	-0.6					T__		24.5				214958	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	220.9	Lg	08:02:07.647	-0.7					T__						214963	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
KOLS	1.07	69.3	Lg	08:02:12.200	-1.1					T__						214964	FDSN	SK	--	BUD	iLoc	HHN	???	_
VVHS	1.27	267.5	Sn	08:02:18.228	-0.9					T__						214965	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	
2022/06/01	08:04:28.04	0.28	0.94	46.8914	17.3299	3.6	2.6	127	0.0A	0.0	14	13	63	0.13	1.49	m	kx	BUD	18002326	BUD			360

2022/06/01 08:04:25.85 0.91 1.16 46.8902 17.3220f 0.0f 14 13 58 0.13 1.50 kx BUD\_GT 18002327 BUD\_GT 92  
 (locality : Uzsa Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 18002327

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BADH	0.13	129.3	Pg	08:04:28.896	-0.3					T__		1436.5		---	ML	1.8	215019	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.13	129.3	Lg	08:04:32.437	0.6					T__				---		215021	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A261A	0.13	297.5	Pg	08:04:29.461	0.3					T__		11911.1		---	ML	2.7	215018	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
A263A	0.25	181.1	Lg	08:04:35.869	0.3					T__				---		215022	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.32	27.9	Lg	08:04:36.441	-1.8					T__				---		215016	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TIH	0.39	88.4	Lg	08:04:39.674	-0.8					T__				---		215020	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.53	0.7	Lg	08:04:45.372	0.2					T__				---		215017	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BEHE	0.56	222.0	Lg	08:04:47.093	1.6					T__				---		215023	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.68	37.0	Lg	08:04:49.690	-1.1					T__				---		215024	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.80	53.2	Lg	08:04:54.076	-1.2					T__				---		215025	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOGS	0.86	239.5	Lg	08:04:55.771	1.7					T__				---		215026	FDSN	SL	--	BUD	iLoc	BHN	???	_	
HU09A	1.04	43.6	Sn	08:05:01.410	-1.3					T__				---		215027	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CONA	1.44	316.9	Lg	08:05:14.441	1.7					T__				---		215028	FDSN	OE	--	BUD	iLoc	HHN	???	_	
HU10A	1.50	49.7	Lg	08:05:17.795	0.1					T__				---		215029	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/06/01 09:31:12.16 1.42 1.09 48.9107 21.2172 8.5 7.7 162 0.0f 9 8 137 0.61 1.37 sx BUD 18002328 BUD 228

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.61	227.5	Pg	09:31:23.455	-0.9					T__		58.2		---	ML	1.6	215052	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	227.5	Lg	09:31:33.798	0.3					T__				---		215056	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.62	178.6	Lg	09:31:35.173	0.5					T__				---		215058	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.65	228.8	Lg	09:31:35.184	0.5					T__				---		215057	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.70	87.7	Lg	09:31:37.390	0.6					T__				---		215055	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.79	310.5	Lg	09:31:38.725	0.4					T__				---		215054	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.91	210.5	Pg	09:31:29.897	-1.0					T__		41.0		---	ML	1.6	215059	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.33	222.1	Sn	09:31:57.845	1.4					T__				---		215060	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.37	221.5	Sn	09:31:58.845	1.5					T__				---		215053	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  
 2022/06/01 09:53:47.91 1.12 0.82 48.8758 21.0745 10.9 4.3 154 0.0f 14 7 220 0.52 1.28 sx BUD 18002330 BUD 304

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 5 BUD 18002330

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.52	223.2	Pg	09:53:57.946	-0.3					T__		62.4		---	ML	1.5 215111	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	223.2	Pb	09:53:58.501	0.2					T__						215115	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
JOS	0.52	223.2	Lg	09:54:06.184	0.0					T__						215116	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
KECS	0.55	225.0	Pg	09:53:58.763	-0.2					T__		108.3		---	ML	1.8 215114	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.55	225.0	Lg	09:54:06.885	-0.5					T__						215113	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
ABAH	0.59	169.2	Pg	09:54:00.055	0.3					T__		61.5		---	ML	1.6 215121	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.59	169.2	Lg	09:54:08.453	-1.2					T__						215122	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KOLS	0.79	85.4	Pg	09:54:03.136	0.1					T__						215124	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.79	85.4	Lg	09:54:14.796	-1.0					T__						215123	FDSN	SK	--	BUD	iLoc	HHE	???	_
HU02A	0.84	206.1	Pg	09:54:05.517	0.4					T__		45.3		---	ML	1.6 215112	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	206.1	Lg	09:54:16.648	-1.4					T__						215117	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
PSZ	1.24	219.8	Pn	09:54:12.383	-0.2					T__		38.6		---	ML	1.8 215118	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.24	219.8	Sn	09:54:30.758	0.7					T__						215120	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
ET1H	1.28	219.3	Sn	09:54:32.246	1.3					T__						215119	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  
 2022/06/01 10:12:05.81 0.98 1.12 48.7807 21.6301 7.9 3.9 164 0.0f 11 6 123 0.45 1.08 sx BUD 18002332 BUD 190

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.0 5 BUD 18002332

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOLS	0.45	70.0	Pg	10:12:14.842	0.2					T__						215160	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.45	70.0	Lg	10:12:20.449	-1.7					T__						215163	FDSN	SK	--	BUD	iLoc	HHN	???	_
JOS	0.78	248.9	Pg	10:12:21.271	0.1					T__		47.9		---	ML	1.6 215164	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	248.9	Lg	10:12:32.375	-0.5					T__						215165	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KECS	0.82	249.0	Pg	10:12:23.045	1.0					T__		91.8		---	ML	1.9 215159	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.82	249.0	Lg	10:12:33.047	-1.1					T__						215166	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=0)																								
TRPA	0.89	136.7	Pg	10:12:24.220	1.2					T__		49.7		---	ML	1.7 215161	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	136.7	Lg	10:12:37.887	0.4					T__						215167	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU02A	0.99	228.6	Pg	10:12:25.560	-0.5					T__		45.7		---	ML	1.7 215158	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	228.6	Lg	10:12:39.475	-1.5					T__						215168	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 NIE 1.08 306.6 Pg 10:12:27.045 0.8 T\_\_ 19.1 \_\_\_ ML 1.4 215162 FDSN PL -- BUD iLoc BHZ BHZ \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/01	10:33:11.47	1.08	0.17	46.1156	18.0798	7.2	4.0	98	0.0f	7	4	154	0.03	0.43	sx	BUD	18002334	BUD				224

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	3 BUD	18002334

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	152.9	Pg	10:33:12.690	-0.1					T__		1965.5		___	ML	1.7	215195	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	152.9	Lg	10:33:14.294	0.0					T__				___		215196	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
A273A	0.27	222.8	Lg	10:33:21.839	0.3					T__				___		215197	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MORH	0.40	75.6	Pg	10:33:20.055	0.0					T__		60.9		___	ML	1.2	215199	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.40	75.6	Lg	10:33:26.740	0.1					T__				___		215198	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
A266A	0.43	17.3	Pg	10:33:20.479	-0.1					T__		229.7		___	ML	1.9	215200	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.43	17.3	Lg	10:33:27.587	0.1					T__				___		215201	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/01	20:39:47.52	0.94	0.57	48.6191	19.4522	11.7	5.7	33	23.0	13.3	11	7	141	0.43	0.98	ke	BUD	18002336	BUD				235

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.6	4 BUD	18002336

Sta	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	253.2	Pg	20:39:57.450	0.4					T__		12.4		___	ML	0.6	215234	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.43	253.2	Lg	20:40:03.192	-0.7					T__				___		215235	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
KECS	0.70	100.8	Pn	20:40:02.042	0.0					T__		161.5		___	ML	2.1	215237	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.70	100.8	Sn	20:40:11.357	-0.8					T__				___		215236	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
JOS	0.73	99.3	Pn	20:40:02.514	0.1					T__		14.6		___	ML	1.1	215233	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.73	99.3	Sn	20:40:12.260	-0.7					T__				___		215232	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
PSZ	0.76	157.0	Pg	20:40:04.054	0.2					T__		32.7		___	ML	1.4	215230	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.76	157.0	Sn	20:40:14.319	0.6					T__				___		215229	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									

ET1H	0.79	159.1	Lg	20:40:15.274	-0.4	T__	---	215238	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU02A	0.87	124.4	Lg	20:40:18.323	0.3	T__	---	215231	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
NIE	0.98	34.6	Sn	20:40:19.090	0.1	T__	---	215239	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
2022/06/02	06:50:07.10	0.82	0.68	47.3514	18.3941	4.8	4.0	105	0.0f	12	10	111	0.09	1.28	sx	BUD	18002342	BUD				131

Magnitude Err Nsta Author OrigID

Sta	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	277.4	Pg	06:50:09.588	-0.0					T__		1371.3		_c_	ML	1.7	215384	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	277.4	Lg	06:50:11.055	-1.0					T__				---		215386	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU09A	0.29	358.4	Lg	06:50:18.179	-0.5					T__				---		215387	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	284.2	Lg	06:50:19.805	-0.2					T__				---		215388	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.41	171.5	Lg	06:50:22.087	-0.6					T__				---		215389	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.61	253.0	Lg	06:50:29.494	0.5					T__				---		215390	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.65	40.3	Lg	06:50:30.583	-0.7					T__				---		215391	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.15	171.3	Lg	06:50:46.041	-0.5					T__				---		215385	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.16	60.2	Sn	06:50:48.354	1.0					T__				---		215392	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.18	14.4	Pn	06:50:31.144	0.2					T__		11.7		---	ML	1.2	215394	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.18	14.4	Sn	06:50:48.137	0.4					T__				---		215393	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KOVH	1.28	189.2	Sn	06:50:50.393	0.3					T__				---		215395	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
2022/06/02	08:40:09.41	0.77	0.96	48.2473	21.1996	5.7	4.1	171	0.0f	19	12	64	0.06	1.78	sx	BUD	18002344	BUD				103

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 6 BUD 18002344

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.06	28.8	Pg	08:40:10.094	-1.0					T__		23461.8		_c_	ML	2.8	215473	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	28.8	Lg	08:40:11.753	-1.0					T__				---		215474	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
HU02A	0.47	254.7	Pg	08:40:18.950	-0.4					T__		71.4		---	ML	1.5	215483	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	254.7	Lg	08:40:26.313	-0.7					T__				---		215484	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.51	299.7	Pg	08:40:19.581	-0.0					T__		92.7		---	ML	1.7	215476	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	299.7	Lg	08:40:26.702	-0.7					T__				---		215475	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.53	296.6	Pg	08:40:20.269	0.1					T__		149.3		---	ML	2.0	215477	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.53	296.6	Lg	08:40:27.997	-0.3					T__				---		215485	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

HU05A	0.70	183.5	Lg	08:40:35.362	-0.1	T__	---	215486	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
TRPA	0.90	96.9	Lg	08:40:39.740	-2.1	T__	---	215478	FDSN	HU	--	BUD	iLoc	HHE	???	_			
PSZ	0.93	249.9	Pg	08:40:28.573	-0.6	T__	61.3	---	ML	1.8	215481	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.93	249.9	Lg	08:40:42.734	-0.4	T__	---	215480	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ET1H	0.96	248.0	Lg	08:40:43.121	-0.6	T__	---	215488	FDSN	HU	--	BUD	iLoc	HHE	???	_			
KOLS	0.99	45.7	Pg	08:40:29.221	0.9	T__	---	215479	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
KOLS	0.99	45.7	Lg	08:40:43.098	-1.2	T__	---	215487	FDSN	SK	--	BUD	iLoc	HHE	???	_			
NIE	1.31	333.4	Sn	08:40:53.819	0.5	T__	---	215482	FDSN	PL	--	BUD	iLoc	BHN	???	_			
VYHS	1.60	279.8	Sn	08:41:01.594	1.4	T__	---	215489	FDSN	SK	--	BUD	iLoc	HHN	???	_			
DRGR	1.78	144.3	Pn	08:40:42.132	0.6	T__	30.3	---	ML	2.0	215491	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.78	144.3	Sn	08:41:06.002	1.1	T__	---	215490	FDSN	RO	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/02	08:49:52.49	0.92	0.61	47.3500	18.3668	5.4	4.2	132	0.0f	11	10	108	0.07	1.28	sx	BUD	18002346	BUD				126

Magnitude Err Nsta Author OrigID

Sta	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	280.3	Pg	08:49:54.750	0.1					T__		2671.8		---	ML	1.9	215522	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	280.3	Lg	08:49:56.510	-0.3					T__				---		215523	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
HU09A	0.29	2.1	Lg	08:50:03.934	-0.2					T__				---		215524	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.31	285.3	Lg	08:50:04.954	0.1					T__				---		215527	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.59	252.6	Lg	08:50:12.749	-1.0					T__				---		215528	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.66	41.4	Lg	08:50:16.653	-0.5					T__				---		215529	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.15	62.0	Sn	08:50:31.941	-0.3					T__				---		215525	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.15	170.4	Lg	08:50:31.618	-0.4					T__				---		215526	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.18	60.6	Sn	08:50:33.610	0.5					T__				---		215530	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.19	15.2	Sn	08:50:33.581	0.3					T__				---		215531	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.28	188.4	Sn	08:50:36.308	1.0					T__				---		215532	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		
2022/06/02	09:53:13.37	1.30	0.66	47.8088	19.1261	11.2	3.1	10	0.0f	10	5	214	0.08	0.71	sx	BUD	18002348	BUD						262

Magnitude Err Nsta Author OrigID  
ML 1.0 0.1 5 BUD 18002348

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.08	296.7	Pg	09:53:15.869	0.3					T__		818.2		---	ML	1.4	215593	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	296.7	Lg	09:53:16.663	-0.8					T__				---		215594	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU03A	0.33	73.2	Pg	09:53:20.848	0.2					T__		55.3		---	ML	1.0	215595	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	73.2	Lg	09:53:25.537	-0.5					T__				---		215596	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									

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(Station ML: 1.0 magdef=1
ET1H 0.51 81.8 Pg 09:53:24.731 0.4 T__ 16.4 ___ ML 0.9 215598 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.51 81.8 Lg 09:53:31.739 -0.5 T__ ___ 215597 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
PSZ 0.53 77.8 Pg 09:53:25.184 0.3 T__ 27.1 ___ ML 1.2 215599 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.53 77.8 Lg 09:53:33.133 -0.2 T__ ___ 215600 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
VYHS 0.71 344.3 Pg 09:53:28.789 0.9 T__ 12.9 ___ ML 1.0 215592 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.71 344.3 Lg 09:53:37.689 -0.8 T__ ___ 215601 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/02 11:25:47.56 1.13 0.72 48.3437 19.8560 7.3 3.5 128 0.0f 13 8 146 0.43 1.11 sx BUD 18002350 BUD 202

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Magnitude Err Nsta Author OrigID
ML 1.8 0.0 5 BUD 18002350

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.43 176.5 Pg 11:25:57.026 0.1 T__ 201.5 ___ ML 1.8 215642 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.43 176.5 Lg 11:26:03.701 -0.2 T__ ___ 215641 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.44 71.4 Pg 11:25:56.864 0.3 T__ 298.7 ___ ML 2.0 215639 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.44 71.4 Lg 11:26:01.840 -1.5 T__ ___ 215645 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
ET1H 0.47 178.7 Pg 11:25:57.855 0.3 T__ 76.8 ___ ML 1.5 215643 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.47 178.7 Lg 11:26:04.248 -0.5 T__ ___ 215644 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
JOS 0.48 71.3 Pg 11:25:57.390 0.2 T__ 145.3 _c_ ML 1.8 215637 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.48 71.3 Lg 11:26:05.421 0.8 T__ ___ 215638 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.50 116.1 Pg 11:25:58.478 0.3 T__ 99.0 ___ ML 1.7 215646 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 116.1 Lg 11:26:05.482 -0.7 T__ ___ 215640 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU10A 0.75 228.7 Lg 11:26:14.888 -0.1 T__ 215649 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.92 92.4 Lg 11:26:21.092 0.8 T__ ___ 215648 FDSN HU -- BUD iLoc HHE ??? _
NIE 1.11 15.1 Lg 11:26:24.404 -0.5 T__ ___ 215647 FDSN PL -- BUD iLoc BHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/02 11:27:08.46 0.89 0.70 48.3460 19.8530 3.9 3.6 151 0.0f 16 8 104 0.43 1.11 sx BUD 18002352 BUD 196

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 8 BUD 18002352

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Sta	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	176.3	Pg	11:27:18.135	0.2					T__		110.0		___	ML	1.5	215694	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.43	176.3	Lg	11:27:24.440	-0.4					T__				---		215695	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KECS	0.44	71.7	Pg	11:27:18.033	0.6					T__		183.7		___	ML	1.8	215690	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	71.7	Lg	11:27:23.830	-0.5					T__				---		215691	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
ET1H	0.47	178.5	Pg	11:27:18.949	0.4					T__		59.6		___	ML	1.4	215697	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.47	178.5	Lg	11:27:25.559	-0.2					T__				---		215696	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
JOS	0.48	71.6	Pg	11:27:18.644	0.5					T__		69.6		___	ML	1.5	215693	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	71.6	Lg	11:27:24.847	-0.7					T__				---		215692	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU02A	0.50	116.3	Pg	11:27:19.355	0.3					T__		73.1		___	ML	1.6	215699	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	116.3	Lg	11:27:26.576	-0.6					T__				---		215698	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
VYHS	0.69	282.7	Pg	11:27:22.711	0.1					T__		16.4		___	ML	1.1	215700	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	282.7	Lg	11:27:32.474	-0.3					T__				---		215701	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
ABAH	0.93	92.6	Pg	11:27:27.898	1.1					T__		51.9		___	ML	1.7	215702	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.93	92.6	Lg	11:27:40.000	-1.2					T__				---		215703	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
NIE	1.11	15.2	Pg	11:27:30.135	0.7					T__		13.7		___	ML	1.3	215705	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.11	15.2	Lg	11:27:44.881	-0.9					T__				---		215704	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/02	17:44:40.21	0.78	0.61	46.2998	19.8818	8.1	3.3	178	10.6	6.3	15	9	142	0.11	1.39	ke	BUD	18002354	BUD			170

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	6 BUD	18002354

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU21A	0.11	287.4	Pg	17:44:43.391	0.0					T__		3384.3		_c	ML	2.1	215752	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.11	287.4	Lg	17:44:46.153	0.1					T__				---		215751	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
HU22A	0.52	273.4	Pg	17:44:51.139	0.4					T__		187.0		___	ML	2.0	215750	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.52	273.4	Lg	17:44:58.846	-0.4					T__				---		215755	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
AMBH	0.59	84.8	Lg	17:45:00.213	-0.9					T__				---		215759	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU06A	0.63	48.7	Pg	17:44:53.674	0.3					T__		376.1		---	ML	2.4	215753	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_



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HU06A  0.63 48.7 Lg      17:45:02.777  0.4      T__      ---      215754      FDSN  ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
A272A  0.77 305.4 Lg     17:45:07.531 -0.1      T__      ---      215756      FDSN  ZJ      00 BUD  iLoc  HHN ??? _
MORH   0.86 264.8 Pg     17:44:57.086  0.0      T__      35.1     --- ML    1.5 215749      FDSN  HU      -- BUD  iLoc  HHZ HHZ _
MORH   0.86 264.8 Lg     17:45:09.184 -0.6      T__      ---      215760      FDSN  HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
SIRR   1.23 90.9 Sn      17:45:19.181 -1.0      T__      ---      215761      FDSN  RO      -- BUD  iLoc  HHN ??? _
KOVH   1.26 260.9 Pn     17:45:03.550 -0.2      T__      23.8     --- ML    1.6 215758      FDSN  HU      -- BUD  iLoc  HHZ HHZ _
KOVH   1.26 260.9 Sn     17:45:21.595  0.9      T__      ---      215757      FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
BZS    1.39 118.8 Pg     17:45:07.465  0.6      T__      20.4     --- ML    1.6 215763      FDSN  RO      -- BUD  iLoc  HHZ HHZ _
BZS    1.39 118.8 Lg     17:45:26.076  0.4      T__      ---      215762      FDSN  RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/06/02 19:35:59.09  0.89  0.92 48.8142  22.0939  7.7  6.6  57  4.8  12.1  13  8 151  0.17  2.07  ke BUD  18002358  BUD  250

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Magnitude Err Nsta Author  OrigID
ML 1.5 0.1 4 BUD 18002358

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Sta  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  0.17  44.7  Pg      19:36:03.135  0.5      T__      ---      215840      FDSN  SK      -- BUD  iLoc  HHZ ??? _
KOLS  0.17  44.7  Lg      19:36:05.654  0.0      T__      ---      215842      FDSN  SK      -- BUD  iLoc  HHN ??? _
UZH   0.23  144.2 Pg      19:36:03.294 -0.3      T__      ---      215843      FDSN  UA      -- BUD  iLoc  BHZ ??? _
UZH   0.23  144.2 Lg      19:36:06.905 -0.7      T__      ---      215849      FDSN  UA      -- BUD  iLoc  BHN ??? _
TRPA  0.75  156.4 Pg      19:36:14.463  1.0      T__      48.1     --- ML    1.6 215839      FDSN  HU      -- BUD  iLoc  HHZ HHZ _
TRPA  0.75  156.4 Lg      19:36:23.415 -1.9      T__      ---      215841      FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH  0.77  227.9 Lg      19:36:26.110  0.0      T__      ---      215844      FDSN  HU      -- BUD  iLoc  HHN ??? _
JOS   1.08  253.4 Pg      19:36:20.070 -0.2      T__      20.8     --- ML    1.4 215850      FDSN  ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   1.08  253.4 Lg      19:36:36.011  0.6      T__      ---      215845      FDSN  ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS  1.12  253.3 Sn      19:36:37.317  0.1      T__      ---      215846      FDSN  SK      -- BUD  iLoc  EHN ??? _
HU02A 1.25  237.0 Pn      19:36:23.174 -0.2      T__      17.3     --- ML    1.4 215847      FDSN  ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 1.25  237.0 Sn      19:36:40.976  0.4      T__      ---      215851      FDSN  ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
DRGR  2.07  168.2 Pg      19:36:39.679  1.1      T__      24.5     --- ML    2.0 215848      FDSN  RO      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/06/03 08:30:38.02  0.65  0.94 48.1858  18.7956  3.4  3.0  28  0.0f  26  21  38  0.31  1.79  sx BUD  18002362  BUD  69

```

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 8 BUD 18002362

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.31	5.0	Pg	08:30:44.342	-0.2					T__		212.8		---	ML	1.5 215975	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.31	5.0	Lg	08:30:50.330	0.9					T__				---		215974	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
A338A	0.34	240.3	Lg	08:30:52.434	1.2					T__				---		215970	FDSN	Z3	00	BUD	iLoc	HH2	???	_
HU10A	0.37	156.2	Lg	08:30:53.486	1.3					T__				---		215968	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
SRO	0.49	221.2	Lg	08:30:56.341	-0.1					T__				---		215976	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU03A	0.61	117.3	Lg	08:31:00.606	0.5					T__				---		215969	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU09A	0.61	207.1	Lg	08:31:00.073	-0.6					T__				---		215977	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BUD	0.72	167.6	Lg	08:31:04.672	0.3					T__				---		215978	FDSN	HU	--	BUD	iLoc	HHE	???	_
PSZ	0.78	109.5	Pg	08:30:54.457	-0.2					T__		63.0		---	ML	1.7 215972	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.78	109.5	Lg	08:31:05.785	-0.9					T__				---		215973	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
ET1H	0.78	112.6	Pg	08:30:53.809	-0.7					T__		39.3		---	ML	1.5 215971	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
CSKK	0.90	203.9	Lg	08:31:10.067	-0.4					T__				---		215979	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU08A	0.96	218.2	Lg	08:31:12.077	0.1					T__				---		215980	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JAVC	1.01	312.4	Pg	08:30:58.227	-0.3					T__		117.3		---	ML	2.1 215982	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.01	312.4	Lg	08:31:12.307	-1.6					T__				---		215981	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=0)																								
MODS	1.03	281.1	Lg	08:31:13.441	-1.2					T__				---		215983	FDSN	SK	--	BUD	iLoc	HHN	???	_
ZST	1.13	271.2	Sn	08:31:16.258	-1.1					T__				---		215984	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	1.16	92.5	Pn	08:31:01.627	0.1					T__		52.0		---	ML	1.9 215986	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
KECS	1.17	74.6	Sn	08:31:16.865	-1.4					T__				---		215985	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	1.20	74.4	Pg	08:31:00.951	-0.9					T__		46.4		---	ML	1.8 215987	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.20	74.4	Sn	08:31:17.782	-1.4					T__				---		215988	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
EGYH	1.25	232.6	Sn	08:31:21.088	0.8					T__				---		215989	FDSN	HU	--	BUD	iLoc	HHN	???	_
MPLH	1.32	220.3	Sn	08:31:22.821	0.7					T__				---		215990	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.58	38.3	Pn	08:31:08.386	1.0					T__		15.7		---	ML	1.6 215992	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.58	38.3	Lg	08:31:31.690	0.8					T__				---		215993	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
MORC	1.79	333.1	Pn	08:31:11.484	1.2					T__		33.0		---	ML	2.0 215991	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/06/03 08:38:51.99 1.00 0.84 46.0562 22.8212 7.4 4.0 67 0.0f 10 6 138 0.18 0.95 sx BUD 18002364 BUD 207

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 5 BUD 18002364

Sta	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	161.7	Pg	08:38:55.266	-0.2					T__		433.4		___	ML	1.4	216034	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	161.7	Lg	08:38:58.583	0.6					T__				---		216033	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
GZR	0.66	182.7	Pg	08:39:04.814	0.1					T__		49.5		___	ML	1.6	216036	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.66	182.7	Lg	08:39:13.958	-0.2					T__				---		216037	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
DRGR	0.74	354.1	Pg	08:39:07.080	0.2					T__		36.3		___	ML	1.5	216031	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.74	354.1	Lg	08:39:17.801	-1.1					T__				---		216032	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
SIRR	0.83	285.1	Pg	08:39:09.184	0.2					T__		36.1		___	ML	1.5	216035	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
LOT	0.90	132.2	Pg	08:39:09.993	0.7					T__		40.8		___	ML	1.6	216040	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.90	132.2	Lg	08:39:20.755	-1.7					T__				---		216039	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
BZS	0.95	242.9	Lg	08:39:23.668	-0.2					T__				---		216038	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/03	08:41:21.63	0.72	1.16	48.7402	18.6516	5.3	3.0	32	0.0f		20	11	134	0.28	1.39	sx	BUD	18002366	BUD			179

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	8 BUD	18002366

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.28	153.5	Pg	08:41:27.592	0.2					T__		80.0		___	ML	1.0	216117	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.28	153.5	Lg	08:41:34.996	3.3					T__				---		216120	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																									
JAVC	0.66	280.8	Pg	08:41:34.408	-0.8					T__		50.2		___	ML	1.6	216122	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.66	280.8	Lg	08:41:46.286	0.7					T__				---		216123	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
A338A	0.75	195.5	Lg	08:41:48.094	-0.9					T__				---		216118	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	0.98	248.6	Pg	08:41:41.755	0.3					T__				---		216125	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.98	248.6	Lg	08:41:56.572	0.2					T__				---		216124	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU03A	1.05	142.6	Pg	08:41:42.724	-0.6					T__		50.4		___	ML	1.8	216116	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.05	142.6	Lg	08:41:59.514	0.9					T__				---		216119	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
PSZ	1.17	134.3	Pn	08:41:44.261	-1.0					T__		30.9		___	ML	1.6	216115	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.17	134.3	Sn	08:42:01.471	-0.5					T__				---		216126	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
ET1H	1.19	136.2	Pn	08:41:45.796	0.3					T__		25.1		___	ML	1.6	216128	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.19	136.2	Sn	08:42:00.858	-1.4					T__				---		216127	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

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(Station ML: 1.6 magdef=1
KECS 1.24 101.2 Lg 08:42:02.450 -1.3 T__
MORC 1.27 325.4 Pg 08:41:46.164 1.0 T__ 27.9 --- ML 1.6 216131 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.27 325.4 Lg 08:42:03.797 1.0 T__ --- 216130 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 1.28 100.3 Pg 08:41:46.203 -0.6 T__ 23.8 --- ML 1.6 216112 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.28 100.3 Sn 08:42:04.126 -0.4 T__ --- 216121 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.39 115.7 Pn 08:41:47.821 -0.5 T__ 24.4 --- ML 1.7 216114 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.39 115.7 Sn 08:42:07.970 0.5 T__ --- 216113 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/03	18:26:46.54	1.93	0.99	45.7014	17.5118	14.2	6.4	9	12.0	6.5	13	9	219	0.30	1.44	ke	BUD	18002370	BUD			254

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	4 BUD	18002370

Sta	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	44.6	Pg	18:26:52.739	-0.3					T__		203.0		---	ML	1.4	216276	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.30	44.6	Lg	18:26:58.132	0.8					T__				---		216277	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
A264A	0.48	341.4	Pg	18:26:55.508	-0.9					T__		127.4		---	ML	1.8	216279	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.48	341.4	Lg	18:27:02.401	-0.6					T__				---		216278	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
KOVH	0.56	46.5	Pg	18:26:57.469	-0.4					T__		26.1		---	ML	1.2	216280	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.56	46.5	Lg	18:27:04.814	-0.8					T__				---		216273	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
A265A	0.75	15.2	Lg	18:27:12.716	1.3					T__				---		216274	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
BEHE	0.92	326.6	Lg	18:27:17.907	1.4					T__				---		216275	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	0.94	56.5	Pg	18:27:04.571	-0.2					T__		17.0		---	ML	1.3	216272	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.94	56.5	Lg	18:27:16.907	-1.4					T__				---		216281	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
A266A	0.98	32.2	Sn	18:27:20.209	0.4					T__				---		216283	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KOGS	1.15	310.8	Sn	18:27:24.549	0.4					T__				---		216282	FDSN	SL	--	BUD	iLoc	BHE	???	_	
CRES	1.44	275.7	Sn	18:27:31.829	0.4					T__				---		216284	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
2022/06/04	17:52:58.32	0.86	0.51	45.6003	21.3033	8.1	3.6	136	11.8	8.3	10	6	132	0.22	1.54	ke	BUD	18002380	BUD			171

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.6	4 BUD	18002380

Sta	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	85.6	Pg	17:53:03.055	-0.2					T__		141.2		---	ML	1.1	216478	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.22	85.6	Lg	17:53:07.303	0.5					T__				---		216479	FDSN	RO	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 1.1 magdef=1																						
			(Station ML: 1.1 magdef=1																						
BANR	0.25	208.5	Pg	17:53:03.256	-0.4					T__		2363.7		---	ML	2.4	216481	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BANR	0.25	208.5	Lg	17:53:08.111	0.4					T__				---		216480	FDSN	RO	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 2.4 magdef=1																						
			(Station ML: 2.4 magdef=1																						
SIRR	0.71	20.3	Pg	17:53:12.592	-0.1					T__		41.0		---	ML	1.5	216482	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.71	20.3	Lg	17:53:22.464	0.0					T__				---		216483	FDSN	RO	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 1.5 magdef=1																						
			(Station ML: 1.5 magdef=1																						
GZR	1.06	100.8	Pn	17:53:19.191	0.1					T__		77.5		---	ML	2.0	216485	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.06	100.8	Lg	17:53:32.137	-0.5					T__				---		216484	FDSN	RO	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 2.0 magdef=1																						
			(Station ML: 2.0 magdef=1																						
FRGS	1.14	247.7	Sn	17:53:36.424	0.7					T__				---		216487	FDSN	SJ	--	BUD	iLoc	BHN	???	_	
DRGR	1.54	38.9	Sn	17:53:45.229	-0.5					T__				---		216486	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/06	08:15:26.31	0.75	0.55	48.8285	16.1599	5.2	3.6	110	0.0f		19	11	72	0.28	1.64	sx	BUD	18002390	BUD			120

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	7 BUD	18002390

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.28	33.5	Pg	08:15:32.306	0.5					T__		128.0		---	ML	1.2	216715	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.28	33.5	Lg	08:15:36.323	0.2					T__				---		216716	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 1.2 magdef=1																						
			(Station ML: 1.2 magdef=1																						
VRAC	0.56	30.5	Pg	08:15:36.644	-0.3					T__		21.3		---	ML	1.1	216719	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.56	30.5	Lg	08:15:45.299	0.1					T__				---		216720	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 1.1 magdef=1																						
			(Station ML: 1.1 magdef=0																						
MODS	0.87	121.1	Pg	08:15:44.115	0.2					T__				---		216717	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.87	121.1	Lg	08:15:57.444	0.2					T__				---		216721	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	0.92	192.6	Pg	08:15:43.895	-0.6					T__		30.0		---	ML	1.5	216708	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.92	192.6	Lg	08:15:56.530	-0.0					T__				---		216709	FDSN	OE	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 1.5 magdef=1																						
			(Station ML: 1.5 magdef=1																						
JAVC	1.00	87.7	Pg	08:15:45.196	-1.4					T__		63.3		---	ML	1.9	216718	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
			(Reading ML: 1.9 magdef=1																						
			(Station ML: 1.9 magdef=1																						
RONA	1.13	175.3	Pg	08:15:48.131	-0.6					T__				---		216711	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.13	175.3	Lg	08:16:03.323	-0.1					T__				---		216710	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CKRC	1.22	270.3	Pg	08:15:49.102	-0.1					T__		130.2		---	ML	2.3	216722	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.22	270.3	Lg	08:16:05.608	-0.4					T__				---		216723	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
			(Reading ML: 2.3 magdef=1																						
			(Station ML: 2.3 magdef=0																						
MORC	1.31	43.1	Lg	08:16:08.374	-0.5					T__				---		216724	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
A019A	1.56	207.9	Pn	08:15:55.289	-0.1					T__		31.4		---	ML	1.9	216713	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

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A019A 1.56 207.9 Lg      08:16:16.688  0.4          T__          ---          216712      FDSN  Z3      00 BUD  iLoc  HHZ ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PRU   1.57 318.3 Lg      08:16:15.748 -0.5          T__          ---          216725      FDSN  CZ      -- BUD  iLoc  HHN ??? _
ARSA  1.64 195.4 Pn      08:15:57.188  0.8          T__          26.4         --- ML      1.8 216714      FDSN  OE      -- BUD  iLoc  HHZ HHZ _
ARSA  1.64 195.4 Sn      08:16:18.542  0.4          T__          ---          216726      FDSN  OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/06/06 08:28:11.00  0.82  0.94  48.4905  19.3343  4.6  3.3  2  0.0f      15  10 104  0.33  1.34  sx BUD      18002392  BUD          160

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Magnitude Err Nsta Author      OrigID
ML      1.6 0.0   5 BUD      18002392

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Sta  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  0.33 270.8 Pg      08:28:17.729 -0.2          T__          67.6          --- ML      1.1 216771      FDSN  SK      -- BUD  iLoc  HHZ HHZ _
VYHS  0.33 270.8 Lg      08:28:22.582 -0.4          T__          ---          216781      FDSN  SK      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU10A 0.68 198.2 Lg      08:28:36.590  0.7          T__          ---          216775      FDSN  ZJ      00 BUD  iLoc  HHN ??? _
PSZ   0.68 146.6 Pg      08:28:25.974  0.4          T__          41.9         --- ML      1.5 216774      FDSN  GE      -- BUD  iLoc  HHZ HHZ _
PSZ   0.68 146.6 Lg      08:28:35.031 -1.1         T__          ---          216773      FDSN  GE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H  0.71 149.4 Lg      08:28:36.847  0.3          T__          ---          216772      FDSN  HU      -- BUD  iLoc  HHE ??? _
KECS  0.77  90.1 Lg      08:28:37.285 -0.5          T__          ---          216769      FDSN  SK      -- BUD  iLoc  EHN ??? _
JOS   0.80 89.2 Pg      08:28:27.352  0.4          T__          78.6         --- ML      1.8 216768      FDSN  ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.80 89.2 Lg      08:28:38.600 -0.4          T__          ---          216767      FDSN  ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU02A 0.88 114.4 Pg      08:28:28.594 -0.5          T__          40.3         --- ML      1.6 216770      FDSN  ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.88 114.4 Lg      08:28:40.389 -2.2          T__          ---          216780      FDSN  ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE   1.13 34.1 Pg      08:28:33.179  0.9          T__          30.8         --- ML      1.6 216777      FDSN  PL      -- BUD  iLoc  BHZ BHZ _
NIE   1.13 34.1 Lg      08:28:48.444 -0.1          T__          ---          216776      FDSN  PL      -- BUD  iLoc  BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JAVC  1.16 289.1 Sn      08:28:50.505 -0.7          T__          ---          216778      FDSN  CZ      -- BUD  iLoc  HHN ??? _
CSKK  1.34 213.0 Sn      08:28:56.706  1.3          T__          ---          216779      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
2022/06/06 09:15:48.84  1.33  0.74  48.5593  20.7928  10.6  3.7  7  0.0f      16  10 201  0.18  1.45  sx BUD      18002394  BUD          223

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Magnitude Err Nsta Author      OrigID
ML      1.6 0.4   7 BUD      18002394

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
JOS   0.18 249.4 Pg      09:15:52.718  0.1          T__          315.4         --- ML      1.3 216826      FDSN  ZJ      -- BUD  iLoc  HHZ HHZ _

```

JOS	0.18	249.4	Lg	09:15:56.185	0.5	T__								216833	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=1)																						
KECS	0.22	249.7	Pg	09:15:53.390	-0.0	T__	1558.3															
KECS	0.22	249.7	Lg	09:15:57.371	0.4	T__																
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
ABAH	0.40	131.3	Pg	09:15:57.273	0.2	T__	53.2															
ABAH	0.40	131.3	Lg	09:16:03.389	-0.6	T__																
(Reading ML: 1.1 magdef=1)																						
(Station ML: 1.1 magdef=0)																						
HU02A	0.47	202.3	Pg	09:15:59.286	0.4	T__	44.2															
HU02A	0.47	202.3	Lg	09:16:06.160	-0.3	T__																
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=1)																						
PSZ	0.88	223.5	Lg	09:16:20.566	0.0	T__																
ET1H	0.92	222.5	Pg	09:16:08.254	0.2	T__	37.7															
ET1H	0.92	222.5	Lg	09:16:21.839	0.4	T__																
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
HU03A	1.03	231.0	Pg	09:16:10.569	0.4	T__	64.7															
HU03A	1.03	231.0	Sn	09:16:23.433	-2.3	T__																
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
TRPA	1.24	109.6	Sn	09:16:30.657	-0.2	T__																
VYHS	1.30	267.9	Sn	09:16:31.857	-0.6	T__																
HU01A	1.45	213.4	Pn	09:16:16.680	0.4	T__	602.6															
(Reading ML: 3.1 magdef=1)																						
(Station ML: 3.1 magdef=0)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/06	10:12:05.51	1.37	0.74	48.8202	19.7973	6.4	5.8	149	0.0f		9	8	145	0.57	1.09	sx	BUD	18002396	BUD			234

Magnitude Err Nsta Author OrigID

Sta	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	0.57	126.2	Lg	10:12:24.832	-0.6											216868	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.59	123.1	Lg	10:12:25.051	-1.1											216867	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
NIE	0.68	28.7	Lg	10:12:28.066	-0.1											216871	FDSN	PL	--	BUD	iLoc	BHE	???	_
VYHS	0.72	243.2	Lg	10:12:29.799	-0.6											216870	FDSN	SK	--	BUD	iLoc	HHE	???	_
HU02A	0.85	145.0	Pg	10:12:23.854	0.8											216875	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.85	145.0	Lg	10:12:36.518	0.4											216869	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
PSZ	0.90	175.9	Lg	10:12:37.671	-0.4											216872	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.94	177.0	Lg	10:12:38.799	-0.1											216873	FDSN	HU	--	BUD	iLoc	HHN	???	_
ABAH	1.09	118.2	Lg	10:12:42.502	-0.5											216874	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	
2022/06/06	14:38:35.22	1.74	0.74	48.5481	20.8071	14.0	4.0	10	0.0f		9	6	237	0.19	0.92	sx	BUD	18002400	BUD				310

Magnitude Err Nsta Author OrigID  
ML 1.0 0.2 3 BUD 18002400

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	253.7	Pg	14:38:38.947	-0.2					T__		131.0		---	ML	0.9	216929	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	253.7	Lg	14:38:42.872	0.7					T__				---		216933	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.22	253.2	Pg	14:38:39.449	-0.5					T__		260.6		---	ML	1.3	216930	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	253.2	Lg	14:38:43.922	0.4					T__				---		216934	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.38	131.0	Pg	14:38:43.447	0.3					T__		47.2		---	ML	1.0	216931	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	131.0	Lg	14:38:48.724	-1.1					T__				---		216932	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.47	203.9	Lg	14:38:52.056	-0.6					T__				---		216935	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.88	224.4	Lg	14:39:07.323	0.4					T__				---		216936	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.92	223.4	Lg	14:39:08.578	0.8					T__				---		216937	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
2022/06/07	08:07:11.70	1.04	0.70	48.5721	20.7739	6.7	3.8	4	0.0f		13	9	129	0.17	1.29	sx	BUD	18002404	BUD			202

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 4 BUD 18002404

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	244.0	Pg	08:07:15.538	0.2					T__		351.8		---	ML	1.3	217007	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	244.0	Lg	08:07:19.080	0.8					T__				---		217008	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.21	245.2	Pg	08:07:16.077	-0.1					T__		896.8		---	ML	1.8	217010	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	245.2	Lg	08:07:20.176	0.6					T__				---		217009	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.42	131.5	Pg	08:07:20.845	0.6					T__		72.8		---	ML	1.3	217014	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	131.5	Lg	08:07:26.820	-0.6					T__				---		217015	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.48	200.3	Lg	08:07:29.141	-0.5					T__				---		217011	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.88	222.3	Pg	08:07:31.089	0.8					T__		44.7		---	ML	1.6	217017	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	222.3	Lg	08:07:42.627	-0.8					T__				---		217016	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.90	339.9	Lg	08:07:41.355	-0.2					T__				---		217012	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ET1H	0.92	221.4	Lg	08:07:43.794	-0.6					T__				---		217013	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TRPA	1.26	109.9	Sn	08:07:53.082	-1.0					T__				---		217018	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.29	267.3	Sn	08:07:54.605	-0.4					T__				---		217019	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
2022/06/07	08:26:31.21	0.83	0.59	48.9857	18.4490	5.9	3.8	37	0.0f		9	6	106	0.53	1.63	sx	BUD	18002406	BUD			157

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	18002406

Sta	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	0.53	256.4	Pg	08:26:42.088	-0.1					T__		51.9		___	ML	1.5	217068	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
VYHS	0.55	152.3	Pg	08:26:42.482	-0.0					T__		13.8		___	ML	0.9	217067	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.55	152.3	Lg	08:26:49.823	-0.8					T__				___		217069	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0)																									
MORC	0.99	323.5	Pg	08:26:49.543	-0.1					T__		45.8		___	ML	1.7	217071	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	0.99	323.5	Lg	08:27:03.139	-0.3					T__				___		217070	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
VRAC	1.26	285.5	Lg	08:27:13.083	-0.2					T__				___		217072	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
NIE	1.29	69.7	Pg	08:26:55.250	-0.2					T__		19.2		___	ML	1.5	217074	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.29	69.7	Lg	08:27:12.726	-0.6					T__				___		217073	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU02A	1.63	121.3	Pn	08:27:02.127	0.9					T__		22.9		___	ML	1.8	217066	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/07	09:48:33.36	0.99	0.80	47.9230	16.1187	5.7	4.2	23	0.0f		7	5	97	0.17	1.15	sx	BUD	18002408	BUD			157

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	271.8	Pg	09:48:36.920	-0.1					T__		105.0		___	ML	0.8	217163	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	271.8	Lg	09:48:39.440	-0.2					T__				___		217169	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
RONA	0.25	151.8	Pg	09:48:38.673	-0.0					T__				___		217164	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.25	151.8	Lg	09:48:42.562	0.2					T__				___		217165	FDSN	OE	--	BUD	iLoc	HHE	???	_	
ARSA	0.78	211.1	Lg	09:48:58.630	0.2					T__				___		217167	FDSN	OE	--	BUD	iLoc	HHE	???	_	
MODS	0.90	59.4	Lg	09:49:04.803	-0.7					T__				___		217166	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.15	9.1	Lg	09:49:13.936	1.4					T__				___		217168	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/07	10:12:37.28	0.84	0.95	48.3164	19.8740	4.4	3.0	133	0.0f		18	11	82	0.40	1.56	sx	BUD	18002410	BUD			136

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	7 BUD	18002410

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

PSZ	0.40	178.0	Pg	10:12:46.070	-0.0	T__	176.3	---	ML	1.7	217210	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.40	178.0	Lg	10:12:52.662	0.0	T__		---			217209	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ET1H	0.44	180.2	Pg	10:12:46.671	-0.1	T__	67.0	---	ML	1.3	217211	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.44	180.2	Lg	10:12:53.226	-0.3	T__		---			217212	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
KECS	0.44	67.5	Pg	10:12:46.000	-0.2	T__	210.4	---	ML	1.8	217205	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.44	67.5	Lg	10:12:53.723	0.7	T__		---			217206	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
HU03A	0.45	204.1	Pg	10:12:46.910	0.0	T__	89.9	---	ML	1.5	217214	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.45	204.1	Lg	10:12:54.543	0.7	T__		---			217213	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU02A	0.48	113.8	Pg	10:12:47.417	0.0	T__	80.0	---	ML	1.5	217208	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	113.8	Lg	10:12:54.538	-0.6	T__		---			217207	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
JOS	0.48	67.7	Pg	10:12:46.490	-0.4	T__	126.8	---	ML	1.7	217203	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	67.7	Lg	10:12:53.794	-0.5	T__		---			217204	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
VVHS	0.71	284.8	Lg	10:13:01.080	-1.2	T__		---			217215	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU10A	0.74	230.9	Lg	10:13:02.772	-1.6	T__		---			217216	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	0.91	90.8	Lg	10:13:08.677	-0.9	T__		---			217217	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.14	14.1	Pg	10:12:59.408	0.6	T__	26.3	---	ML	1.6	217219	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.14	14.1	Lg	10:13:14.454	-1.0	T__		---			217218	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
JAVC	1.56	291.2	Sn	10:13:29.624	2.3	T__		---			217220	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/07	11:35:41.68	0.99	0.71	46.1182	21.6815	10.3	3.8	82	0.0f		8	5	169	0.15	1.61	sx	BUD	18002412	BUD			221

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	3 BUD	18002412

Sta	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	354.2	Pg	11:35:45.616	0.3					T__	276.8			---	ML	1.2	217252	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.15	354.2	Lg	11:35:47.480	-0.8					T__				---		217254	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
BZS	0.50	185.2	Pg	11:35:51.819	0.1					T__	22.6			---	ML	1.1	217253	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.50	185.2	Lg	11:35:58.565	-0.4					T__				---		217255	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
DRGR	0.98	46.2	Lg	11:36:14.531	-1.2					T__				---		217256	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.06	133.0	Pg	11:36:01.717	-0.1					T__	32.8			---	ML	1.6	217258	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.06	133.0	Lg	11:36:16.768	0.3					T__				---		217257	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

(Station ML: 1.6 magdef=1  
 LOT 1.61 113.9 Sn 11:36:33.243 0.3 T\_\_ --- 217259 FDSN RO -- BUD iLoc HHE ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/08	01:52:17.50	2.24	0.86	45.5291	16.1291	15.6	10.9	178	13.0f	7	5	234	0.31	1.89	ke	BUD	18002414	BUD				297

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 3 BUD 18002414

Sta	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	0.31	341.6	Pg	01:52:23.187	-0.9					T__		328.1		---	ML	1.7	217287	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.31	341.6	Lg	01:52:29.928	1.1					T__				---		217286	FDSN	CR	--	BUD	iLoc	BHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

PTJ	0.39	343.4	Lg	01:52:31.921	-0.1					T__				---		217285	FDSN	CR	--	BUD	iLoc	BHN	???	_	
CHES	0.56	302.5	Pg	01:52:28.233	-0.0					T__		31.4		---	ML	1.3	217288	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_

(Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1

KOGS	0.92	5.2	Pg	01:52:34.551	-0.3					T__		42.1		---	ML	1.6	217283	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.92	5.2	Sn	01:52:50.006	0.7					T__				---		217284	FDSN	SL	--	BUD	iLoc	BHN	???	_	

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

MORH	1.89	67.8	Sn	01:53:13.634	0.6					T__				---		217282	FDSN	HU	--	BUD	iLoc	HNN	???	_
------	------	------	----	--------------	-----	--	--	--	--	-----	--	--	--	-----	--	--------	------	----	----	-----	------	-----	-----	---

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/08	08:13:35.15	0.37	0.65	46.9203	17.3422	4.4	3.6	82	0.0A	0.0	9	7	113	0.15	0.98	m	kx	BUD	18002416	BUD			360
2022/06/08	08:13:33.24	0.95	1.49	46.9790	17.3040f				0.0f		9	7	144	0.11	1.05		kx	BUD_GT	18002417	BUD_GT			250

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.11	255.8	Lg	08:13:40.511	2.0					T__				---		217387	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
BADH	0.21	146.3	Pg	08:13:37.336	-0.7					T__		1049.8		---	ML	1.9	217385	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.21	146.3	Lg	08:13:39.944	-1.7					T__				---		217386	FDSN	HU	--	BUD	iLoc	HNN	???	_	

(Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

MPLH	0.25	40.0	Pg	08:13:40.180	1.3					T__		173.9		---	ML	1.2	217382	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.25	40.0	Lg	08:13:43.882	0.5					T__				---		217384	FDSN	HU	--	BUD	iLoc	HNN	???	_	

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1

A263A	0.34	178.7	Lg	08:13:43.686	-2.1					T__				---		217388	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
A264A	0.82	180.7	Lg	08:14:00.819	-0.0					T__				---		217383	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
KOGS	0.90	234.2	Lg	08:14:02.737	0.1					T__				---		217389	FDSN	SL	--	BUD	iLoc	BHN	???	_
KOVH	1.05	148.1	Lg	08:14:07.046	-2.0					T__				---		217390	FDSN	HU	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/08	08:31:13.27	0.62	0.42	48.0619	20.6902	7.2	3.9	142	0.0A	0.0	9	6	194	0.13	0.58	m	kx	BUD	18002418	BUD			360

2022/06/08 08:31:11.46 0.94 0.67 48.0471 20.6805f 0.0f 9 6 196 0.13 0.57 kx BUD\_GT 18002419 BUD\_GT 264  
 (locality : Miskolc-Mexikóvölgy Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 3 BUD 18002419

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	08:31:15.020	0.3					T__		1116.4		---	ML	1.7	217414	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	08:31:16.840	-0.6					T__				---		217417	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.45	56.1	Lg	08:31:27.310	-1.2					T__				---		217418	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.46	343.5	Lg	08:31:27.702	-0.1					T__				---		217419	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.46	348.2	Pg	08:31:21.478	0.7					T__		60.9		---	ML	1.4	217415	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	08:31:27.183	-0.7					T__				---		217420	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.54	256.6	Pg	08:31:23.556	0.3					T__		46.7		---	ML	1.5	217416	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	256.6	Lg	08:31:31.284	-0.6					T__				---		217421	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.57	253.1	Lg	08:31:32.053	-0.3					T__				---		217422	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  
 2022/06/08 08:36:50.60 3.70 0.57 48.5077 20.7725 21.4 9.8 66 0.0f 8 6 293 0.16 1.29 sx BUD 18002420 BUD 314

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	265.7	Pg	08:36:53.809	-0.1					T__		111.2		---	ML	0.8	217446	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	265.7	Lg	08:36:56.358	-0.2					T__				---		217447	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.19	262.8	Pg	08:36:54.366	-0.3					T__		239.6		---	ML	1.2	217445	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.19	262.8	Lg	08:36:58.047	0.2					T__				---		217448	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.42	203.3	Lg	08:37:06.725	0.2					T__				---		217449	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.83	225.2	Lg	08:37:21.004	0.2					T__				---		217452	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.87	224.1	Lg	08:37:21.101	-0.6					T__				---		217450	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.29	270.1	Sn	08:37:34.829	1.0					T__				---		217451	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  
 2022/06/08 09:15:30.21 0.74 1.13 48.3709 19.0619 5.1 2.8 23 0.0f 24 16 117 0.19 2.19 sx BUD 18002422 BUD 132

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 8 BUD 18002422

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

VYHS	0.19	309.4	Pg	09:15:35.077	0.7	T__	266.6	---	ML	1.3	217497	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.19	309.4	Lg	09:15:38.435	0.8	T__		---			217498	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
HU03A	0.59	142.2	Pg	09:15:44.261	1.6	T__	133.8	---	ML	2.0	217495	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.59	142.2	Lg	09:15:51.018	-0.5	T__		---			217508	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
PSZ	0.72	128.8	Lg	09:15:55.488	-1.0	T__		---			217510	FDSN	GE	--	BUD	iLoc	HHE	???	_
ET1H	0.73	131.9	Pg	09:15:46.284	0.6	T__	58.2	---	ML	1.7	217496	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.73	131.9	Lg	09:15:55.792	-0.8	T__		---			217509	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
KECS	0.95	82.7	Pg	09:15:50.020	0.8	T__	168.7	---	ML	2.3	217511	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.95	82.7	Lg	09:16:02.289	-1.1	T__		---			217512	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
JOS	0.99	82.2	Pg	09:15:50.360	0.5	T__	75.8	---	ML	1.9	217504	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.99	82.2	Lg	09:16:03.110	-1.7	T__		---			217513	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU02A	1.01	103.7	Pg	09:15:50.886	-0.0	T__	68.6	---	ML	1.9	217503	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.01	103.7	Lg	09:16:05.289	-0.9	T__		---			217502	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
JAVC	1.04	298.4	Pg	09:15:51.210	-0.2	T__	96.3	---	ML	2.1	217506	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.04	298.4	Lg	09:16:06.549	-0.8	T__		---			217514	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
HU01A	1.09	159.7	Sn	09:16:09.446	0.9	T__		---			217515	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CSKK	1.14	208.4	Pg	09:15:52.565	-0.2	T__	214.4	---	ML	2.5	217500	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.14	208.4	Sn	09:16:08.496	-1.3	T__		---			217499	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=0)																			
MODS	1.19	270.8	Sn	09:16:09.578	-1.4	T__		---			217505	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU08A	1.21	219.6	Sn	09:16:09.861	-1.7	T__		---			217501	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	1.46	92.1	Sn	09:16:19.693	2.2	T__		---			217507	FDSN	HU	--	BUD	iLoc	HHN	???	_
MPLH	1.58	221.1	Sn	09:16:20.875	0.3	T__		---			217516	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORC	1.73	325.2	Sn	09:16:23.602	-0.7	T__		---			217517	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CONA	2.19	259.5	Lg	09:16:44.538	1.0	T__		---			217518	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/08	09:34:10.54	0.96	0.52	48.7987	20.1445	6.7	3.8	77	0.0f		10	7	129	0.39	0.94	sx	BUD	18002424	BUD			247

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	18002424

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.39	144.2	Pg	09:34:18.541	0.1					T__		133.8		---	ML	1.5	217555	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.39	144.2	Lg	09:34:24.489	0.1					T__				---		217561	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

JOS	0.40	139.0	Pg	09:34:18.853	0.2	T__	77.9	___	ML	1.3	217554	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.40	139.0	Lg	09:34:24.801	0.0	T__		---			217557	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
NIE	0.63	9.3	Pg	09:34:22.482	0.0	T__	16.2	___	ML	1.1	217556	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.63	9.3	Lg	09:34:31.100	-0.3	T__		---			217558	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
HU02A	0.72	159.3	Lg	09:34:36.534	-0.2	T__		---			217562	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	0.90	190.8	Lg	09:34:42.329	-0.5	T__		---			217559	FDSN	GE	--	BUD	iLoc	HNN	???	_
VYHS	0.92	251.1	Lg	09:34:42.895	0.5	T__		---			217563	FDSN	SK	--	BUD	iLoc	HNN	???	_
ET1H	0.94	191.3	Lg	09:34:42.719	-1.1	T__		---			217560	FDSN	HU	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/08	09:44:42.99	2.29	0.31	48.4995	20.3573	17.4	5.2	146	0.0f		7	5	243	0.09	0.70	sx	BUD	18002426	BUD			252

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.09	100.8	Pg	09:44:45.167	0.2					T__		512.4		___	ML	1.3	217587	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.09	100.8	Lg	09:44:46.765	0.1					T__				---		217586	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
JOS	0.12	91.7	Pg	09:44:45.736	0.1					T__		343.9		___	ML	1.2	217585	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	91.7	Lg	09:44:47.392	-0.4					T__				---		217590	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.39	163.4	Lg	09:44:57.840	-0.1					T__				---		217591	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	0.66	208.2	Lg	09:45:06.850	-0.4					T__				---		217588	FDSN	GE	--	BUD	iLoc	HHE	???	_	
ET1H	0.70	207.8	Lg	09:45:08.331	0.1					T__				---		217589	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
2022/06/09	07:16:12.06	0.90	0.79	48.2557	21.2285	6.6	4.0	172	0.0f		15	9	103	0.04	1.78	sx	BUD	18002436	BUD			150

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	5 BUD	18002436

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.04	10.5	Pg	07:16:13.169	-0.3					T__		4851.9		_c_	ML	2.1	217797	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.04	10.5	Lg	07:16:14.231	-0.7					T__				---		217811	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU02A	0.49	254.4	Lg	07:16:29.522	-0.9					T__				---		217803	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
JOS	0.52	297.9	Pg	07:16:22.657	0.2					T__		52.8		---	ML	1.5	217805	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	297.9	Lg	07:16:30.480	0.0					T__				---		217804	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
KECS	0.55	295.0	Pg	07:16:23.081	0.0					T__		113.1		---	ML	1.9	217799	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.55	295.0	Lg	07:16:31.476	0.1					T__				---		217798	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.9 magdef=1)																									

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(Station ML: 1.9 magdef=1
TRPA 0.89 97.7 Pg 07:16:29.049 -0.3 T__ 77.0 --- ML 1.9 217800 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.89 97.7 Lg 07:16:42.562 -1.3 T__ --- 217801 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.96 249.8 Lg 07:16:46.527 0.0 T__ --- 217802 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 45.3 Pg 07:16:32.068 1.5 T__ --- 217806 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.97 45.3 Lg 07:16:45.095 -1.3 T__ --- 217810 FDSN SK -- BUD iLoc HHN ??? _
ET1H 0.99 248.0 Pg 07:16:32.821 0.2 T__ 33.8 --- ML 1.6 217808 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 248.0 Lg 07:16:47.143 0.1 T__ --- 217807 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 1.78 145.0 Sn 07:17:07.969 0.6 T__ --- 217809 FDSN RO -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/09	07:48:10.91	2.57	0.75	48.4803	21.3722	16.5	6.5	66	0.0f		9	7	242	0.20	1.18	sx	BUD	18002438	BUD			293

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
ABAH	0.20	205.6	Pg	07:48:15.657	0.2					T__		223.4		---	ML	1.2	217839	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.20	205.6	Lg	07:48:18.610	-0.8					T__				---		217840	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
JOS	0.55	271.9	Pg	07:48:22.110	0.1					T__	42.6			---	ML	1.4	217841	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.55	271.9	Lg	07:48:31.011	0.6					T__				---		217843	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
KECS	0.59	270.6	Lg	07:48:31.789	0.1					T__				---		217844	FDSN	SK	--	BUD	iLoc	EHN	???	_		
HU02A	0.67	238.0	Lg	07:48:34.399	-1.0					T__				---		217845	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	1.14	240.9	Sn	07:48:50.902	0.4					T__				---		217847	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	1.17	239.6	Sn	07:48:51.179	-0.0					T__				---		217846	FDSN	HU	--	BUD	iLoc	HHN	???	_		
NIE	1.18	323.4	Lg	07:48:49.411	-1.1					T__				---		217842	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
2022/06/09	08:24:57.19	1.67	0.06	46.1131	18.0578	15.4	9.9	63	0.0f		4	3	211	0.04	1.12	sx	BUD	18002440	BUD			305

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
KOVH	0.04	130.3	Pg	08:24:58.703	0.0					T__		982.3		_c_	ML	1.4	217908	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.04	130.3	Lg	08:25:00.159	-0.0					T__				---		217907	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=0)																										
MORH	0.42	75.7	Lg	08:25:12.861	-0.0					T__				---		217909	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MPLH	1.12	341.5	Sn	08:25:36.156	-0.0					T__				---		217910	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
2022/06/09	08:53:30.55	0.77	1.44	47.3928	18.3808	7.9	4.3	139	0.0f		13	9	107	0.09	1.62	sx	BUD	18002442	BUD			124

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 4 BUD 18002442

Sta	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	250.1	Pg	08:53:33.720	0.8					T__		1056.0		---	ML	1.6	217936	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	250.1	Lg	08:53:34.752	-0.6					T__				---		217937	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU09A	0.25	0.3	Lg	08:53:40.396	-0.3					T__				---		217938	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.31	277.2	Lg	08:53:42.021	-0.9					T__				---		217948	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.12	63.7	Pn	08:53:52.790	-0.7					T__		29.6		---	ML	1.6	217940	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.12	63.7	Sn	08:54:08.569	-1.0					T__				---		217939	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	1.14	15.4	Sn	08:54:09.708	-0.5					T__				---		217944	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.15	62.2	Pn	08:53:53.312	-0.7					T__		31.2		---	ML	1.6	217942	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.15	62.2	Sn	08:54:09.253	-1.2					T__				---		217941	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	1.19	171.2	Sn	08:54:09.868	-1.5					T__				---		217943	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.32	188.5	Sn	08:54:14.950	0.5					T__				---		217947	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	1.62	62.4	Pn	08:54:00.676	0.3					T__		23.2		---	ML	1.8	217946	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.62	62.4	Sn	08:54:25.598	3.6					T__				---		217945	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/09	09:33:11.43	2.68	0.64	46.8834	22.8343	22.4	10.2	170	0.0f		9	5	282	0.12	1.58	sx	BUD	18002444	BUD			308

Magnitude Err Nsta Author OrigID  
ML 1.6 0.6 4 BUD 18002444

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.12	222.7	Pg	09:33:14.463	0.2					T__		219.4		---	ML	1.0	217976	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.12	222.7	Lg	09:33:16.446	-0.4					T__				---		217980	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SIRR	1.02	233.2	Pg	09:33:31.820	-0.1					T__		15.8		---	ML	1.3	217977	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	1.02	233.2	Lg	09:33:45.455	-1.0					T__				---		217981	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
GZR	1.49	181.6	Pn	09:33:39.669	0.1					T__		40.4		---	ML	1.9	217979	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.49	181.6	Sn	09:34:00.222	0.5					T__				---		217978	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
BZS	1.52	214.1	Lg	09:34:02.273	0.9					T__				---		217982	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.58	155.3	Pn	09:33:40.681	-0.1					T__		53.4		---	ML	2.1	217984	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.58	155.3	Sn	09:34:01.314	-0.6					T__				---		217983	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/10	03:09:43.16	0.95	0.20	47.6916	16.0053	5.0	4.3	168	7.0f	7	4	129	0.20	0.67	ke	BUD	18002450	BUD				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	
RONA	0.20	87.5	Pg	03:09:47.523	0.0					T__						218105	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.20	87.5	Lg	03:09:50.527	-0.0					T__						218104	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.26	337.8	Pg	03:09:48.580	-0.0					T__		35.0			___ ML	0.6	218102	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	337.8	Lg	03:09:52.242	-0.1					T__					___	218103	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
ARSA	0.55	216.7	Pg	03:09:53.759	-0.1					T__		45.4			___ ML	1.5	218107	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.55	216.7	Lg	03:10:00.799	-0.1					T__					___	218106	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A019A	0.67	248.8	Lg	03:10:05.333	0.4					T__					___	218108	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
2022/06/10	08:01:44.02	1.04	0.80	48.4875	20.7261	5.5	4.9	151	0.0f	12	9	82	0.12	1.26	sx	BUD	18002452	BUD				151

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 3 BUD 18002452

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.12	273.9	Pg	08:01:46.203	-0.5					T__		238.6			___ ML	1.0	218177	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	273.9	Lg	08:01:48.833	-0.1					T__					___	218183	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.16	268.6	Pg	08:01:46.739	-0.7					T__		486.2			___ ML	1.4	218178	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.16	268.6	Lg	08:01:50.178	-0.0					T__					___	218184	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.39	200.2	Lg	08:02:00.020	1.2					T__					___	218179	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.39	119.0	Lg	08:01:58.523	-0.5					T__					___	218180	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	0.80	224.6	Lg	08:02:13.745	0.8					T__					___	218185	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.84	223.5	Lg	08:02:14.507	0.7					T__					___	218186	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.97	343.4	Pg	08:02:02.973	0.6					T__		21.7			___ ML	1.4	218181	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.97	343.4	Lg	08:02:16.608	0.4					T__					___	218187	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOLS	1.12	65.9	Lg	08:02:21.260	-1.3					T__					___	218182	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VVHS	1.26	271.0	Sn	08:02:27.034	0.5					T__					___	218188	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	
2022/06/10	08:43:29.10	1.73	0.66	47.7553	19.0817	19.3	4.3	23	0.0A	0.0	8	6	258	0.10	1.22	m	kx	BUD	18002454	BUD			360
2022/06/10	08:43:28.62	0.97	0.69	47.8327	19.1394f				0.0f	8	6	194	0.08	1.15		kx	BUD_GT	18002455	BUD_GT				258

(locality : Sejce-Vác Hungary)  
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	08:43:31.274	0.5					T__		630.7		---	ML	1.3	218211	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	08:43:32.063	-0.7					T__				---		218212	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ET1H	0.50	84.3	Lg	08:43:46.746	-0.3					T__				---		218213	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.1	Lg	08:43:46.733	-1.4					T__				---		218214	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.1	Lg	08:43:53.241	0.2					T__				---		218215	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.2	Lg	08:44:03.951	-0.2					T__				---		218216	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	1.15	54.2	Pg	08:43:51.584	0.2					T__		38.9		---	ML	1.7	218218	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	08:44:07.849	-0.5					T__				---		218217	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/10	08:47:44.78	1.72	0.45	46.0783	22.9149	20.6	7.1	76	0.0f		6	4	193	0.20	0.89	sx	BUD	18002456	BUD			259

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.20	182.4	Pg	08:47:48.559	0.1					T__		482.7		---	ML	1.5	218238	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.20	182.4	Lg	08:47:51.634	0.4					T__				---		218237	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
GZR	0.69	188.1	Pg	08:47:57.855	-0.2					T__		32.2		---	ML	1.4	218240	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.69	188.1	Lg	08:48:07.242	-0.6					T__				---		218239	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
DRGR	0.73	348.9	Lg	08:48:11.197	-0.0					T__				---		218241	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.89	282.7	Lg	08:48:15.969	0.2					T__				---		218242	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/10	09:14:56.99	2.55	0.59	48.3687	17.3844	16.3	5.8	87	0.0f		6	3	270	0.07	0.95	sx	BUD	18002458	BUD			316

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.07	274.0	Pg	09:14:59.483	0.4					T__				_c_		218264	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.07	274.0	Lg	09:15:00.932	-0.2					T__				---		218265	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.26	227.6	Pg	09:15:02.762	0.2					T__				---		218261	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.26	227.6	Lg	09:15:06.728	-0.4					T__				---		218262	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.95	317.0	Pg	09:15:15.499	0.2					T__		64.7		---	ML	1.8	218263	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.95	317.0	Lg	09:15:28.559	-0.8					T__				---		218260	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/10	09:55:45.40	1.12	0.93	47.9161	16.1054	7.4	4.2	34	0.0f	7	5	139	0.16	1.16	sx	BUD	18002460	BUD				234

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	274.3	Pg	09:55:48.691	-0.2					T__		241.4		___	ML	1.1	218282	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	274.3	Lg	09:55:51.139	-0.3					T__				___		218283	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
RONA	0.25	149.2	Pg	09:55:50.431	-0.3					T__				___		218285	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.25	149.2	Lg	09:55:54.234	-0.1					T__				___		218284	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.77	210.8	Lg	09:56:11.652	1.5					T__				___		218286	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO19A	0.83	236.0	Lg	09:56:12.153	-0.2					T__				___		218287	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KRUC	1.16	9.4	Lg	09:56:25.790	0.9					T__				___		218288	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/10	11:04:43.48	1.21	0.71	46.0065	22.6898	8.9	4.9	13	0.0f	10	6	124	0.19	0.94	sx	BUD	18002462	BUD					195

Magnitude Err Nsta Author OrigID  
ML 1.9 0.3 4 BUD 18002462

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.19	129.5	Pg	11:04:47.579	0.4					T__		1891.8		_c_	ML	2.1	218311	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.19	129.5	Lg	11:04:49.258	-0.6					T__				___		218315	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
GZR	0.62	174.3	Pg	11:04:55.670	0.3					T__		81.6		___	ML	1.8	218313	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.62	174.3	Lg	11:05:03.762	-0.3					T__				___		218312	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SIRR	0.76	290.4	Lg	11:05:10.225	-0.1					T__				___		218318	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	0.79	1.1	Lg	11:05:10.707	-0.7					T__				___		218319	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.85	242.9	Pg	11:05:00.040	0.0					T__		33.7		___	ML	1.5	218314	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.85	242.9	Lg	11:05:11.894	-0.1					T__				___		218320	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
LOT	0.94	126.1	Pg	11:05:01.881	0.4					T__		87.6		___	ML	2.0	218317	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.94	126.1	Lg	11:05:13.776	-1.5					T__				___		218316	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/10	11:24:08.90	1.38	0.79	48.6914	19.3238	9.9	3.8	174	0.0f	12	7	224	0.38	0.98	sx	BUD	18002464	BUD					296

Magnitude Err Nsta Author OrigID  
ML 1.6 0.0 5 BUD 18002464

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.38	238.8	Pg	11:24:16.780	0.1					T__		20.2		___	ML	0.7	218354	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS	0.38	238.8	Lg	11:24:22.242	-0.2	T__									218362	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																							
(Station ML: 0.7 magdef=0)																							
KECS	0.80	104.7	Pg	11:24:25.711	0.9	T__	200.8								218357	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.80	104.7	Lg	11:24:36.038	-0.7	T__									218363	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=0)																							
HU03A	0.81	166.7	Lg	11:24:38.459	0.8	T__									218356	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	0.83	103.2	Pg	11:24:26.075	0.7	T__	31.3								218352	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.83	103.2	Lg	11:24:37.201	-0.6	T__									218358	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
PSZ	0.86	153.6	Pg	11:24:26.945	-0.1	T__	44.9								218353	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	153.6	Lg	11:24:39.608	-0.4	T__									218359	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
ET1H	0.89	155.6	Lg	11:24:41.030	0.5	T__									218360	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.98	125.0	Pg	11:24:28.361	-0.7	T__	37.0								218355	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	125.0	Lg	11:24:42.036	-1.4	T__									218361	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/10	12:55:23.36	0.93	1.02	48.5621	16.3648	11.8	3.8	112	0.0f		12	7	171	0.50	1.44	sx	BUD	18002466	BUD			192

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	5 BUD	18002466

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KRUC	0.50	2.3	Pg	12:55:33.117	0.1					T__		96.6			ML	1.7	218416	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.50	2.3	Lg	12:55:41.013	0.4					T__						218419	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CONA	0.72	208.1	Pg	12:55:36.868	-0.8					T__	44.5				ML	1.5	218417	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.72	208.1	Lg	12:55:48.448	1.4					T__						218421	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VRAC	0.76	11.3	Pg	12:55:38.682	0.8					T__	15.6				ML	1.1	218418	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.76	11.3	Lg	12:55:50.203	1.1					T__						218420	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
CKRC	1.39	281.5	Pg	12:55:48.692	-0.7					T__	112.7				ML	2.3	218423	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.39	281.5	Lg	12:56:07.726	-0.6					T__						218422	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
A019A	1.41	218.0	Lg	12:56:09.906	1.3					T__						218413	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ARSA	1.43	203.7	Lg	12:56:09.742	0.9					T__						218414	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.44	32.0	Pn	12:55:49.721	-1.1					T__	38.0				ML	1.9	218412	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.44	32.0	Lg	12:56:09.627	-0.5					T__						218415	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/11	08:32:26.13	1.02	0.53	46.1383	18.3029	6.7	3.7	154	0.0f	7	4	178	0.15	1.16	sx	BUD	18002474	BUD				261

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	3 BUD	18002474

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	250.6	Pg	08:32:29.917	0.1					T__		606.9		___	ML	1.5	218529	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	250.6	Lg	08:32:32.921	0.2					T__				---		218530	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	71.9	Pg	08:32:31.917	0.2					T__		101.9		___	ML	1.0	218525	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	71.9	Lg	08:32:35.788	-0.4					T__				---		218526	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A266A	0.39	356.1	Pg	08:32:34.875	0.4					T__		238.4		___	ML	1.8	218528	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.39	356.1	Lg	08:32:40.389	-0.4					T__				---		218527	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MPLH	1.16	333.3	Sn	08:33:05.428	-0.7					T__				---		218531	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
2022/06/13	04:25:06.27	0.78	1.13	46.2557	16.4089	4.7	3.6	135	11.0f	21	13	122	0.22	1.55	ke	BUD	18002486	BUD				138

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	8 BUD	18002486

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.22	330.3	Pg	04:25:11.085	-0.1					T__		289.5		___	ML	1.4	218835	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.22	330.3	Lg	04:25:15.175	0.6					T__				---		218834	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
BEHE	0.33	49.7	Pg	04:25:11.940	-1.4					T__		1194.5		___	ML	2.3	218832	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.33	49.7	Lg	04:25:17.016	-1.2					T__				---		218833	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
PTJ	0.46	221.5	Pg	04:25:15.175	-0.7					T__		92.5		___	ML	1.6	218842	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.46	221.5	Lg	04:25:21.967	-0.9					T__				---		218844	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A262A	0.61	7.6	Pg	04:25:18.461	0.1					T__		261.5		___	ML	2.3	218836	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.61	7.6	Lg	04:25:27.974	1.2					T__				---		218837	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
A264A	0.62	98.6	Pg	04:25:18.857	0.3					T__		208.7		___	ML	2.2	218839	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.62	98.6	Lg	04:25:28.443	1.6					T__				---		218838	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
CRES	0.79	237.4	Pg	04:25:21.444	0.2					T__		53.1		___	ML	1.7	218843	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.79	237.4	Lg	04:25:34.700	1.5					T__				---		218845	FDSN	SL	--	BUD	iLoc	BHN	???	_	

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A261A 0.86 35.9 Pn 04:25:23.738 -0.6 T__ 153.4 ___ ML 2.2 218840 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A261A 0.86 35.9 Lg 04:25:34.857 0.2 T__ ___ 218841 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A265A 0.98 79.5 Lg 04:25:37.569 -0.5 T__ ___ 218846 FDSN ZJ 00 BUD iLoc HHN ??? _
ARSA 1.17 328.9 Pg 04:25:28.283 0.3 T__ ___ ML 1.9 218848 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.17 328.9 Lg 04:25:44.388 0.9 T__ ___ 218847 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
OBKA 1.31 281.8 Lg 04:25:49.203 0.5 T__ ___ 218849 FDSN OE -- BUD iLoc HHN ??? _
RONA 1.45 357.0 Lg 04:25:54.044 1.5 T__ ___ 218850 FDSN OE -- BUD iLoc HHN ??? _
AO19A 1.50 323.1 Lg 04:25:56.524 2.6 T__ ___ 218851 FDSN Z3 00 BUD iLoc HH2 ??? _
MORH 1.55 90.7 Sn 04:25:54.590 0.7 T__ ___ 218852 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
2022/06/13 07:01:28.38 0.72 1.29 48.3129 18.6507 5.5 2.9 14 0.0f 20 11 141 0.22 1.64 sx BUD 18002488 BUD 151

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 6 BUD 18002488

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
VYHS 0.22 34.2 Pg 07:01:33.265 0.2 T__ 182.3 ___ ML 1.2 218938 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.22 34.2 Lg 07:01:36.285 -0.4 T__ ___ 218937 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU03A 0.76 122.4 Lg 07:01:52.247 -3.2 T__ ___ 218944 FDSN ZJ 00 BUD iLoc HHN ??? _
JAVC 0.85 310.4 Pg 07:01:45.666 -0.1 T__ ___ ML 1.9 218945 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.85 310.4 Lg 07:01:57.393 -1.5 T__ ___ 218939 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 0.92 274.3 Pg 07:01:48.591 1.6 T__ ___ 218949 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.92 274.3 Lg 07:01:59.349 -1.7 T__ ___ 218934 FDSN SK -- BUD iLoc HHN ??? _
PSZ 0.92 114.9 Lg 07:02:01.508 -0.2 T__ ___ 218946 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.93 117.5 Pg 07:01:47.007 -0.8 T__ ___ ML 1.6 218947 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.93 117.5 Lg 07:02:01.508 0.1 T__ ___ 218948 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ZST 1.04 264.1 Lg 07:02:04.457 -0.4 T__ ___ 218940 FDSN SK -- BUD iLoc HHN ??? _
KECS 1.23 81.4 Sn 07:02:09.551 -0.7 T__ ___ 218950 FDSN SK -- BUD iLoc EHE ??? _
KECS 1.23 81.4 Lg 07:02:11.317 -0.0 T__ ___ 218941 FDSN SK -- BUD iLoc EHN ??? _
HU02A 1.27 98.0 Pg 07:01:56.302 2.0 T__ ___ ML 1.7 218943 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.27 98.0 Sn 07:02:11.135 -0.0 T__ ___ 218951 FDSN ZJ 00 BUD iLoc HHE ??? _
HU02A 1.27 98.0 Lg 07:02:13.771 0.4 T__ ___ 218942 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 1.27 81.0 Pn 07:01:54.074 0.7 T__ ___ ML 1.7 218952 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.27 81.0 Sn 07:02:12.058 0.9 T__ ___ 218935 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORC 1.64 334.0 Pn 07:01:59.314 0.8 T__ ___ ML 1.9 218953 FDSN CZ -- BUD iLoc HHZ HHZ _

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MORC 1.64 334.0 Sn 07:02:18.704 -1.6 T\_\_ --- 218936 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/13	08:12:34.64	1.53	0.60	48.5345	20.8385	12.7	6.3	18	0.0f		9	6	222	0.20	1.33	sx	BUD	18002490	BUD			298

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BUD	18002490

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.20	259.1	Pg	08:12:39.093	0.2					T__		167.3		---	ML	1.1	219017	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	259.1	Lg	08:12:43.018	0.8					T__				---		219021	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
KECS	0.24	257.8	Pg	08:12:39.622	-0.0					T__		441.5		---	ML	1.6	219018	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	257.8	Lg	08:12:43.840	0.3					T__				---		219020	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
ABAH	0.36	131.6	Lg	08:12:48.868	0.5					T__				---		219022	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.46	207.0	Lg	08:12:51.892	-0.1					T__				---		219023	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.88	226.0	Lg	08:13:06.417	-0.1					T__				---		219019	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.33	269.0	Pn	08:13:00.288	-0.2					T__		13.2		---	ML	1.4	219024	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.33	269.0	Sn	08:13:17.902	-1.0					T__				---		219025	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/13	08:27:26.27	1.05	1.41	48.5124	17.4813	11.7	3.2	120	0.0f		10	6	204	0.19	1.27	sx	BUD	18002492	BUD			222

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.19	224.4	Pg	08:27:29.616	-1.1					T__				---		219078	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	224.4	Lg	08:27:33.231	-1.2					T__				---		219083	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.37	19.8	Pg	08:27:33.633	-0.6					T__		87.3		---	ML	1.3	219079	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	19.8	Lg	08:27:39.220	-1.2					T__				---		219084	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
KRUC	0.90	307.8	Lg	08:27:56.332	-0.6					T__				---		219085	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.14	224.8	Pn	08:27:51.089	1.6					T__				---		219080	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.14	224.8	Lg	08:28:05.003	1.5					T__				---		219087	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.23	242.2	Pg	08:27:49.774	-0.7					T__		37.6		---	ML	1.8	219082	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.23	242.2	Lg	08:28:07.741	1.4					T__				---		219081	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
MORC	1.27	1.8	Lg	08:28:08.798	1.3					T__				---		219086	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/06/13 10:02:59.52 0.92 0.41 48.4236 19.6188 5.1 3.6 4 0.0f 12 8 106 0.52 1.09 sx BUD 18002494 BUD 202

Magnitude Err Nsta Author OrigID  
ML 1.4 0.3 4 BUD 18002494

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU03A	0.52	181.4	Lg	10:03:18.734	0.3					T__						219132	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
VYHS	0.53	278.0	Pg	10:03:10.554	0.3					T__		21.5		ML	1.1	219137	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.53	278.0	Lg	10:03:17.432	-0.7					T__						219133	FDSN	SK	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
PSZ	0.54	159.8	Lg	10:03:19.665	0.0					T__						219131	FDSN	GE	--	BUD	iLoc	HNN	???	_
ET1H	0.57	162.7	Lg	10:03:20.300	-0.0					T__						219134	FDSN	HU	--	BUD	iLoc	HNN	???	_
KECS	0.58	83.8	Pg	10:03:11.366	0.2					T__		113.6		ML	1.9	219130	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.58	83.8	Lg	10:03:20.249	0.3					T__						219129	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
JOS	0.62	82.9	Pg	10:03:11.813	-0.0					T__		33.6		ML	1.4	219127	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.62	82.9	Lg	10:03:21.436	0.2					T__						219128	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
HU02A	0.68	116.1	Pg	10:03:13.291	-0.3					T__		39.4		ML	1.5	219135	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.68	116.1	Lg	10:03:23.480	-0.8					T__						219138	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
NIE	1.09	24.0	Lg	10:03:36.067	-0.1					T__						219136	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  
2022/06/13 10:21:23.93 1.28 1.20 48.6482 21.4164 7.4 6.5 17 0.0f 11 8 106 0.37 1.25 sx BUD 18002496 BUD 167

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 3 BUD 18002496

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.37	198.5	Pg	10:21:32.516	0.9					T__		85.7		ML	1.3	219172	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	198.5	Lg	10:21:37.519	-0.6					T__						219173	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
JOS	0.60	255.7	Pg	10:21:35.952	0.0					T__		46.4		ML	1.5	219167	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	255.7	Lg	10:21:45.629	0.6					T__						219168	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
KOLS	0.63	62.9	Lg	10:21:46.277	-0.3					T__						219174	FDSN	SK	--	BUD	iLoc	HNN	???	_
KECS	0.64	255.4	Lg	10:21:46.743	0.4					T__						219169	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	0.79	228.8	Pg	10:21:39.914	-0.4					T__		31.2		ML	1.4	219171	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	228.8	Lg	10:21:51.673	-0.9					T__						219170	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
TRPA	0.91	124.3	Lg	10:21:53.636	-2.7					T__						219175	FDSN	HU	--	BUD	iLoc	HNN	???	_
NIE	1.07	316.8	Lg	10:22:00.559	0.6					T__						219176	FDSN	PL	--	BUD	iLoc	BHN	???	_
PSZ	1.25	234.9	Sn	10:22:05.325	-1.0					T__						219177	FDSN	GE	--	BUD	iLoc	HNN	???	_



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/13	14:33:31.89	0.86	0.58	45.8160	21.5357	7.1	3.9	103	5.8	9.8	12	6	157	0.21	1.61	ke	BUD	18002500	BUD			206

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	6 BUD	18002500

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BZS	0.21	164.1	Pg	14:33:35.952	-0.3					T__		389.5		___	ML	1.5	219263	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.21	164.1	Lg	14:33:38.910	-0.6					T__				---		219264	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
SIRR	0.46	10.8	Pg	14:33:41.642	0.3					T__		105.1		_c_	ML	1.6	219267	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.46	10.8	Lg	14:33:48.490	0.0					T__				---		219268	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
BANR	0.52	213.1	Pg	14:33:42.429	0.4					T__		4024.1		___	ML	3.3	219269	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BANR	0.52	213.1	Lg	14:33:49.471	-0.0					T__				---		219270	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.3 magdef=1 Station ML: 3.3 magdef=0)																									
GZR	0.97	115.4	Pg	14:33:51.338	1.0					T__		61.1		___	ML	1.8	219266	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.97	115.4	Lg	14:34:03.535	-0.4					T__				---		219265	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
DRGR	1.27	39.4	Pn	14:33:56.129	-0.2					T__		47.1		___	ML	1.9	219261	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.27	39.4	Sn	14:34:13.146	-0.6					T__				---		219262	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
LOT	1.61	102.4	Pg	14:34:02.129	-0.4					T__		51.8		___	ML	2.1	219271	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.61	102.4	Sn	14:34:22.749	0.6					T__				---		219272	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/14	05:20:29.54	0.86	0.58	48.1516	21.9660	6.3	4.0	4	8.0	8.8	14	9	84	0.17	1.45	ke	BUD	18002506	BUD			139

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	18002506

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU07A	0.17	191.5	Pg	05:20:33.747	0.3					T__		395.4		___	ML	1.4	219436	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.17	191.5	Lg	05:20:37.277	0.3					T__				---		219437	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
TRPA	0.38	92.9	Pg	05:20:37.467	0.3					T__		103.3		___	ML	1.4	219438	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.38	92.9	Lg	05:20:42.686	-1.1					T__				---		219439	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
ABAH	0.51	286.9	Pg	05:20:40.064	0.4					T__		62.2		___	ML	1.5	219440	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.51	286.9	Lg	05:20:47.255	-0.6					T__				---		219435	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									

```

(Station ML: 1.5 magdef=1
KOLS 0.81 14.5 Pn 05:20:47.234 -0.0 T__ --- 219441 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.81 14.5 Sn 05:20:59.655 0.2 T__ --- 219442 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.97 268.8 Lg 05:21:02.165 -0.7 T__ --- 219443 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 1.01 290.4 Lg 05:21:03.597 0.0 T__ --- 219446 FDSN ZJ -- BUD iLoc HHN ??? _
KECS 1.04 289.1 Pg 05:20:49.637 -0.2 T__ 77.3 --- ML 2.0 219433 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.04 289.1 Lg 05:21:03.782 -0.8 T__ --- 219434 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MEZ 1.09 70.1 Lg 05:21:06.461 0.3 T__ --- 219444 FDSN UA -- BUD iLoc BHN ??? _
DRGR 1.45 159.3 Sn 05:21:15.647 0.2 T__ --- 219445 FDSN RO -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/14 08:07:30.60 1.67 0.74 48.5182 20.8520 11.6 6.0 22 0.0f 10 7 220 0.21 1.34 sx BUD 18002510 BUD 299

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.4 3 BUD 18002510

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.21 264.0 Pg 08:07:35.036 0.1 T__ 302.7 --- ML 1.4 219573 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.21 264.0 Lg 08:07:38.860 0.5 T__ --- 219577 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.25 262.0 Pg 08:07:35.646 -0.1 T__ 1329.0 --- ML 2.1 219574 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.25 262.0 Lg 08:07:39.914 0.2 T__ --- 219578 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ABAH 0.34 130.6 Lg 08:07:43.728 -0.0 T__ --- 219579 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.45 209.0 Lg 08:07:47.080 -0.5 T__ --- 219580 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.88 227.2 Pg 08:07:50.483 1.4 T__ 41.3 --- ML 1.6 219575 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.88 227.2 Lg 08:08:01.366 -0.9 T__ --- 219581 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.92 226.1 Lg 08:08:03.241 0.1 T__ --- 219582 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.34 269.7 Sn 08:08:14.388 -0.7 T__ --- 219576 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
2022/06/14 08:59:08.15 1.42 0.27 47.3749 18.3476 13.7 5.2 147 0.0f 6 5 195 0.06 1.18 sx BUD 18002512 BUD 217

```

```

Magnitude Err Nsta Author OrigID

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.06 258.7 Pg 08:59:10.215 0.2 T__ 1277.6 --- ML 1.6 219602 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 258.7 Lg 08:59:11.641 -0.4 T__ --- 219605 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU09A 0.26 5.1 Lg 08:59:18.882 -0.1 T__ --- 219606 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.29 281.2 Lg 08:59:19.816 -0.0 T__ --- 219607 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.15 63.4 Sn 08:59:47.821 -0.1 T__ --- 219603 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.18 62.0 Sn 08:59:48.631 -0.2 T__ --- 219604 FDSN GE -- BUD iLoc HHE ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/15	07:28:26.10	3.16	0.66	46.9075	22.7811	24.2	15.6	150	0.0f	6	4	283	0.13	1.61	sx	BUD	18002514	BUD				311

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.13	202.5	Pg	07:28:28.786	-0.2					T__		340.4		_c	ML	1.2	219770	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.13	202.5	Lg	07:28:31.654	0.2					T__				---		219774	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
SIRR	1.00	230.8	Lg	07:29:01.679	1.0					T__				---		219771	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.51	180.1	Pn	07:28:54.639	0.1					T__		78.9		---	ML	2.2	219773	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.51	180.1	Sn	07:29:14.625	-0.4					T__				---		219772	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
LOT	1.61	154.5	Sn	07:29:17.856	0.4					T__				---		219775	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/15	07:35:24.03	1.43	0.74	48.2329	21.2485	8.6	3.7	120	0.0f	15	9	153	0.06	1.34	sx	BUD	18002516	BUD				205

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 6 BUD 18002516

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.06	354.7	Pg	07:35:25.711	-0.2					T__		8698.6		---	ML	2.4	219807	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	354.7	Lg	07:35:27.532	-0.2					T__				---		219808	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
HU02A	0.50	257.4	Pg	07:35:35.022	0.5					T__		67.0		---	ML	1.5	219815	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	257.4	Lg	07:35:41.414	-1.2					T__				---		219814	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.54	299.4	Pg	07:35:34.836	-0.1					T__		68.9		---	ML	1.6	219816	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	299.4	Lg	07:35:43.009	-0.2					T__				---		219817	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.57	296.5	Pg	07:35:35.862	0.4					T__		107.5		---	ML	1.8	219818	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.57	296.5	Lg	07:35:44.059	-0.1					T__				---		219809	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
TRPA	0.87	96.3	Lg	07:35:54.902	-0.5					T__				---		219810	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	0.96	251.4	Pg	07:35:44.360	0.1					T__		63.3		---	ML	1.8	219819	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	251.4	Lg	07:35:57.815	-0.9					T__				---		219812	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOLS	0.98	43.8	Lg	07:35:59.109	0.5					T__				---		219811	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	249.5	Pg	07:35:44.383	-0.3					T__		35.8		---	ML	1.6	219813	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	249.5	Lg	07:35:58.098	-1.1					T__				---		219820	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

(Station ML: 1.6 magdef=1  
 NIE 1.34 332.5 Sn 07:36:10.051 1.4 T\_\_ --- 219821 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  
 2022/06/15 08:17:00.76 0.91 0.77 48.5104 20.7565 4.6 3.5 14 0.0f 15 9 84 0.15 1.28 sx BUD 18002518 BUD 156

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 6 BUD 18002518

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.15	264.3	Pg	08:17:03.621	-0.3					T__		245.2		---	ML	1.1	219874	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.15	264.3	Lg	08:17:07.140	0.7					T__				---		219875	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1)																										
KECS	0.18	261.5	Pg	08:17:04.146	-0.5					T__		720.4		---	ML	1.7	219877	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.18	261.5	Lg	08:17:08.253	0.6					T__				---		219876	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0)																										
ABAH	0.39	123.5	Pg	08:17:08.900	0.1					T__		77.1		---	ML	1.3	219880	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.39	123.5	Lg	08:17:15.091	-0.4					T__				---		219883	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																										
HU02A	0.42	201.8	Pg	08:17:09.912	0.2					T__		35.7		---	ML	1.0	219878	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.42	201.8	Lg	08:17:16.567	-0.0					T__				---		219879	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0)																										
PSZ	0.83	224.5	Lg	08:17:31.112	0.4					T__				---		219884	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.87	223.5	Pg	08:17:19.454	0.6					T__		27.3		---	ML	1.4	219882	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.87	223.5	Lg	08:17:31.511	-0.1					T__				---		219881	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																										
NIE	0.96	341.8	Pg	08:17:19.722	0.9					T__		18.0		---	ML	1.3	219886	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	0.96	341.8	Lg	08:17:31.860	-0.6					T__				---		219885	FDSN	PL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																										
KOLS	1.09	66.6	Lg	08:17:36.569	-1.8					T__				---		219887	FDSN	SK	--	BUD	iLoc	HHN	???	_		
VYHS	1.28	270.0	Sn	08:17:42.813	-0.9					T__				---		219888	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  
 2022/06/15 08:23:30.74 0.28 0.98 46.8712 17.2758 3.8 3.0 157 0.0A 0.0 14 9 99 0.14 1.32 m kx BUD 18002520 BUD 360  
 2022/06/15 08:23:29.62 0.90 1.17 46.8902 17.3220f 0.0f 14 9 94 0.13 1.36 kx BUD\_GT 18002521 BUD\_GT 148

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

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.1 5 BUD 18002521

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BADH	0.13	129.3	Lg	08:23:35.563	-0.1					T__				---		219956	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A261A	0.13	297.5	Pg	08:23:33.753	0.8					T__		7673.2		---	ML	2.6	219961	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

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A261A  0.13 297.5 Lg      08:23:35.752  0.0          T__          ---          219960      FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML:  2.6 magdef=1
(Station ML:  2.6 magdef=0
MPLH   0.32 27.9 Pg      08:23:35.623 -0.9          T__          562.0        --- ML      1.9 219955      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MPLH   0.32 27.9 Lg      08:23:39.851 -2.2          T__          ---          219957      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
TIH    0.39 88.4 Pg      08:23:39.425  1.5          T__          720.8        --- ML      2.2 219962      FDSN HU      -- BUD  iLoc  HHZ HHZ _
TIH    0.39 88.4 Lg      08:23:44.037 -0.2          T__          ---          219963      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.2 magdef=1
(Station ML:  2.2 magdef=1
HU08A  0.68 37.0 Lg      08:23:54.484 -0.1          T__          ---          219964      FDSN ZJ      00 BUD  iLoc  HHN ??? _
KOGS   0.86 239.5 Pg      08:23:45.628 -1.0          T__          102.3        --- ML      2.0 219966      FDSN SL      -- BUD  iLoc  BHZ BHZ _
KOGS   0.86 239.5 Lg      08:23:57.463 -0.4          T__          ---          219965      FDSN SL      -- BUD  iLoc  BHE ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
HU09A  1.04 43.6 Sn      08:24:06.441 -0.1          T__          ---          219967      FDSN ZJ      00 BUD  iLoc  HHN ??? _
MORH   1.13 126.0 Pg      08:23:53.567  1.3          T__          35.7         --- ML      1.7 219959      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH   1.13 126.0 Sn      08:24:06.675 -1.6          T__          ---          219958      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=0
PTJ    1.36 224.1 Sn      08:24:12.562 -1.9          T__          ---          219968      FDSN CR      -- 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
2022/06/15 08:49:51.10  1.35  0.38  47.9066  20.4642  17.0  4.0 137  0.0A  0.0  8  5 255  0.22  0.59 m  kx BUD      18002522  BUD      360
2022/06/15 08:49:50.79  0.95  0.73  47.9590  20.3545f  0.0f  8  5 221  0.20  0.55  kx BUD_GT  18002523  BUD_GT      243
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

```

Magnitude  Err Nsta Author      OrigID
ML         1.1 0.2   3 BUD      18002523

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
HU02A  0.20  35.0 Pg      08:49:55.094 -0.3          T__          158.8        --- ML      1.1 219997      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.20  35.0 Lg      08:49:58.138 -1.1          T__          ---          219998      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
PSZ   0.31 262.7 Lg      08:50:02.953 -0.4          T__          ---          220002      FDSN GE      -- BUD  iLoc  HHN ??? _
ET1H  0.33 256.4 Pg      08:49:59.510  1.3          T__          27.2         --- ML      0.7 220000      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ET1H  0.33 256.4 Lg      08:50:03.383 -0.3          T__          ---          220003      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.7 magdef=1
(Station ML:  0.7 magdef=1
KECS  0.53  9.4 Lg      08:50:09.278 -0.5          T__          ---          220004      FDSN SK      -- BUD  iLoc  EHN ??? _
JOS   0.55 12.9 Pg      08:50:01.943  0.0          T__          24.6         --- ML      1.2 220001      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.55 12.9 Lg      08:50:10.114 -0.3          T__          ---          219999      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/06/15 09:05:33.71  0.96  1.19  48.5042  17.5365  7.0  3.2 130  0.0f  10  7 133  0.22  1.26  sx BUD      18002526  BUD      209

```

Magnitude	Err	Nsta	Author	OrigID																						
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
MODS	0.22	233.0	Pg	09:05:38.215	-0.4					T__						220055	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.22	233.0	Lg	09:05:41.492	-1.2					T__						220062	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.37	14.0	Pg	09:05:40.955	-0.6					T__		96.8		---	ML	1.3	220056	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	0.37	14.0	Lg	09:05:47.671	-0.1					T__						220057	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
ZST	0.42	223.4	Lg	09:05:48.540	-0.8					T__						220058	FDSN	SK	--	BUD	iLoc	HHN	???	_		
VYHS	0.86	90.2	Lg	09:06:04.796	1.0					T__						220063	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	0.94	306.9	Lg	09:06:06.970	1.4					T__						220059	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
RONA	1.16	226.4	Lg	09:06:13.367	1.7					T__						220064	FDSN	OE	--	BUD	iLoc	HHE	???	_		
CONA	1.26	243.4	Pg	09:05:58.672	0.2					T__		29.5		---	ML	1.7	220061	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	1.26	243.4	Lg	09:06:15.745	1.0					T__						220060	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/15	10:03:42.08	1.17	0.89	48.6546	19.8726	7.5	4.3	90	0.0f		11	6	199	0.44	0.81	sx	BUD	18002528	BUD			289

Magnitude Err Nsta Author OrigID  
ML 1.3 0.2 5 BUD 18002528

Sta	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	0.44	112.6	Pg	10:03:51.389	0.4					T__		115.7		---	ML	1.6	220165	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	112.6	Lg	10:03:58.101	0.3					T__						220164	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
JOS	0.47	109.5	Pg	10:03:51.389	-0.1					T__		38.0		---	ML	1.2	220166	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	109.5	Lg	10:03:58.406	-0.3					T__						220167	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.69	140.5	Pg	10:03:56.562	0.2					T__		27.7		---	ML	1.3	220174	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.69	140.5	Lg	10:04:06.223	-0.9					T__						220173	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.74	178.9	Pg	10:03:56.474	-1.3					T__		43.0		---	ML	1.5	220170	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.74	178.9	Lg	10:04:09.288	0.4					T__						220171	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.78	180.1	Lg	10:04:11.271	1.4					T__						220172	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.81	20.0	Pg	10:03:57.898	0.4					T__		15.4		---	ML	1.1	220169	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.81	20.0	Lg	10:04:08.016	-1.1					T__						220168	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/15	12:14:35.39	0.81	0.83	48.3946	17.2788	4.2	2.5	108	0.0f		19	10	74	0.02	1.39	sx	BUD	18002532	BUD			126

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.0 6 BUD 18002532

Sta	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	182.6	Pg	12:14:36.304	-0.1					T__						220245	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.02	182.6	Lg	12:14:37.690	0.0					T__						220246	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.23	210.7	Pg	12:14:39.869	-0.7					T__						220256	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.23	210.7	Lg	12:14:43.844	-0.8					T__						220247	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.53	29.1	Pg	12:14:46.076	-0.5					T__		455.3		---	ML	2.4	220258	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	29.1	Lg	12:14:55.796	0.7					T__						220257	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
KRUC	0.89	319.1	Pg	12:14:52.343	-0.1					T__		69.8		---	ML	1.8	220259	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.89	319.1	Lg	12:15:05.573	0.0					T__						220260	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
RONA	0.96	223.8	Pg	12:14:54.162	-0.3					T__						220249	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.96	223.8	Lg	12:15:09.212	2.3					T__						220248	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VRAC	1.02	333.9	Pg	12:14:54.419	-0.3					T__		19.4		---	ML	1.4	220253	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.02	333.9	Lg	12:15:09.369	-0.4					T__						220263	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VYHS	1.04	83.9	Pg	12:14:56.643	0.2					T__		18.5		---	ML	1.3	220252	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.04	83.9	Lg	12:15:11.794	0.3					T__						220261	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU08A	1.06	155.5	Sn	12:15:12.336	-0.5					T__						220250	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CONA	1.06	244.3	Pg	12:14:55.427	-0.8					T__		52.3		---	ML	1.8	220251	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.06	244.3	Lg	12:15:11.448	1.5					T__						220262	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MORC	1.39	7.0	Pg	12:15:00.842	-0.5					T__		32.2		---	ML	1.8	220254	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.39	7.0	Lg	12:15:21.173	0.4					T__						220255	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/06/16 08:00:17.64 0.92 0.94 47.1282 17.8591 5.0 4.1 69 0.0f 11 9 99 0.22 1.31 sx BUD 18002536 BUD 140

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.22	281.0	Pg	08:00:23.045	0.3					T__		241.0		---	ML	1.3	220366	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.22	281.0	Lg	08:00:25.429	-1.4					T__						220367	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
TIH	0.23	174.2	Lg	08:00:27.137	0.3					T__						220374	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.31	8.2	Lg	08:00:29.696	-0.2					T__						220365	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
CSKK	0.36	49.2	Lg	08:00:31.921	-0.0					T__						220368	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BADH	0.42	219.5	Lg	08:00:32.658	-0.2					T__						220375	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.05	170.8	Lg	08:00:53.530	-0.6					T__						220369	FDSN	HU	--	BUD	iLoc	HHE	???	_	

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MORH 1.06 149.1 Pg 08:00:39.195 0.3 T__ 23.4 ___ ML 1.5 220371 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.06 149.1 Lg 08:00:53.636 -0.6 T__ ___ 220370 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
RONA 1.21 298.9 Lg 08:00:59.158 1.7 T__ ___ 220372 FDSN OE -- BUD iLoc HHE ??? _
MODS 1.31 342.7 Sn 08:01:00.326 -1.0 T__ ___ 220373 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
2022/06/16 08:34:07.59 0.93 1.34 48.3982 17.3226 7.4 3.0 132 0.0f 11 7 132 0.04 1.09 sx BUD 18002538 BUD 189

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.04 230.8 Pg 08:34:08.566 -0.5 T__ _c_ 220442 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.04 230.8 Lg 08:34:09.684 -0.9 T__ ___ 220443 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.25 216.1 Lg 08:34:15.687 -1.8 T__ ___ 220451 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.52 26.5 Pg 08:34:18.327 -0.1 T__ 55.0 ___ ML 1.5 220444 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.52 26.5 Lg 08:34:26.107 -0.7 T__ ___ 220445 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 0.90 317.6 Lg 08:34:38.097 -0.2 T__ ___ 220450 FDSN CZ -- BUD iLoc HHN ??? _
RONA 0.98 225.0 Pg 08:34:27.360 0.3 T__ ___ 220447 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.98 225.0 Lg 08:34:42.665 2.8 T__ ___ 220446 FDSN OE -- BUD iLoc HHN ??? _
VYHS 1.01 84.0 Lg 08:34:42.967 0.3 T__ ___ 220452 FDSN SK -- BUD iLoc HHN ??? _
CONA 1.09 244.9 Pg 08:34:29.265 0.3 T__ 22.5 ___ ML 1.5 220448 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.09 244.9 Lg 08:34:44.265 1.2 T__ ___ 220449 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/16 08:36:24.16 1.02 0.84 48.2477 21.2500 5.6 4.7 172 0.0f 15 10 103 0.05 1.76 sx BUD 18002540 BUD 151

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Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 5 BUD 18002540

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Sta 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 0.05 351.9 Pg 08:36:25.763 0.0 T__ 8558.7 ___ ML 2.4 220484 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 351.9 Lg 08:36:27.589 0.3 T__ ___ 220485 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU02A 0.50 255.8 Lg 08:36:41.561 -1.4 T__ ___ 220491 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.53 297.9 Pg 08:36:36.427 1.5 T__ 78.8 ___ ML 1.7 220487 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 297.9 Lg 08:36:42.635 -0.5 T__ ___ 220486 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.56 295.1 Lg 08:36:43.340 -0.7 T__ ___ 220492 FDSN SK -- BUD iLoc EHN ??? _
TRPA 0.87 97.3 Pg 08:36:41.503 0.4 T__ 76.1 ___ ML 1.9 220488 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.3 Lg 08:36:55.124 -0.4 T__ ___ 220493 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```



KOLS	0.97	44.3	Lg	08:36:59.092	0.7	T__								220496	FDSN	SK	--	BUD	iLoc	HHE	???	_
PSZ	0.97	250.6	Pg	08:36:45.282	0.8	T__	58.2							220494	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.97	250.6	Lg	08:36:58.009	-1.0	T__								220489	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
ET1H	1.00	248.8	Pg	08:36:44.351	-0.6	T__	32.9							220490	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.00	248.8	Lg	08:36:58.776	-0.8	T__								220495	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=0)																						
NIE	1.33	332.2	Sn	08:37:08.046	-0.4	T__								220497	FDSN	PL	--	BUD	iLoc	BHE	???	_
DRGR	1.76	145.3	Lg	08:37:23.625	-0.0	T__								220498	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/16	09:48:28.67	0.78	0.80	46.4802	16.1758	5.7	3.9	128	4.5	9.2	19	10	79	0.06	1.46	ke	BUD	18002542	BUD			112

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	8 BUD	18002542

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOGS	0.06	121.9	Pg	09:48:29.561	-0.8					T__		11315.2			ML	2.5	220555	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.06	121.9	Lg	09:48:31.515	-0.0					T__						220556	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
BEHE	0.41	91.2	Pg	09:48:37.522	0.3					T__		454.1			ML	2.1	220558	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.41	91.2	Lg	09:48:43.804	0.9					T__						220557	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PTJ	0.59	194.2	Pg	09:48:40.384	-0.2					T__		229.3			ML	2.2	220568	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.59	194.2	Lg	09:48:48.706	-0.4					T__						220569	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
ZAG	0.67	191.4	Pg	09:48:42.168	0.5					T__		651.2			ML	2.7	220567	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.67	191.4	Lg	09:48:51.443	0.6					T__						220570	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
CRES	0.82	217.6	Pg	09:48:44.552	-0.0					T__		62.0			ML	1.8	220559	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.82	217.6	Lg	09:48:56.366	-0.2					T__						220571	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ARSA	0.89	330.1	Pg	09:48:45.264	-0.7					T__		139.6			ML	2.1	220561	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.89	330.1	Sn	09:49:00.474	-0.8					T__						220560	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
OBKA	1.12	272.1	Pg	09:48:50.505	0.6					T__		48.6			ML	1.8	220562	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.12	272.1	Lg	09:49:06.536	1.5					T__						220563	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
RONA	1.22	3.8	Pn	09:48:52.057	-0.5					T__						220565	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.22	3.8	Lg	09:49:08.326	-0.3					T__						220564	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	1.23	12.1	Sn	09:49:10.145	0.5					T__						220572	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	1.46	351.7	Pg	09:48:56.713	-0.0					T__		30.0			ML	1.8	220566	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.46	351.7	Lg	09:49:18.003	1.8					T__						220573	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err Sgp
2022/06/17	06:17:26.90	1.21	1.20	48.3751	21.4797	10.8	6.3	175	0.0f	11	8	162	0.18	1.36	sx	BUD	18002546	BUD		187

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	18002546

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.18	243.8	Pg	06:17:31.478	0.5					T__		510.9		---	ML	1.5	220673	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	243.8	Lg	06:17:35.057	0.6					T__				---		220672	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
JOS	0.64	281.3	Pg	06:17:40.535	0.9					T__		38.6		---	ML	1.4	220676	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	281.3	Lg	06:17:46.743	-2.6					T__				---		220679	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KECS	0.67	279.6	Lg	06:17:50.195	-0.3					T__				---		220678	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.69	248.7	Pg	06:17:40.243	-1.0					T__		26.9		---	ML	1.3	220674	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.69	248.7	Lg	06:17:50.943	-1.0					T__				---		220675	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
TRPA	0.75	108.7	Lg	06:17:53.718	-0.5					T__				---		220677	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.16	247.3	Sn	06:18:06.771	-0.2					T__				---		220680	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.19	245.9	Sn	06:18:08.570	1.0					T__				---		220681	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MEZ	1.36	83.4	Sn	06:18:11.645	-0.3					T__				---		220682	FDSN	UA	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err Sgp
2022/06/17	06:23:34.70	1.11	1.12	47.4451	18.6181	8.6	3.8	162	0.0f	10	8	167	0.25	0.98	sx	BUD	18002548	BUD		187

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.25	320.6	Lg	06:23:44.324	-0.7					T__				---		220732	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.26	251.5	Lg	06:23:44.423	-0.9					T__				---		220726	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BUD	0.28	81.9	Lg	06:23:45.644	-0.4					T__				---		220727	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU10A	0.48	33.9	Lg	06:23:53.677	0.6					T__				---		220728	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.78	249.9	Lg	06:24:02.245	-0.0					T__				---		220734	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU03A	0.81	55.0	Lg	06:24:01.782	-2.0					T__				---		220733	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.95	62.4	Pg	06:23:55.813	1.1					T__		25.1		---	ML	1.4	220729	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.95	62.4	Lg	06:24:07.794	-1.1					T__				---		220735	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
PSZ	0.98	60.8	Pg	06:23:56.016	0.5					T__		33.4		---	ML	1.6	220730	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.98	60.8	Lg	06:24:09.745	-0.6					T__				---		220731	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/17	06:48:32.90	1.33	1.58	48.4453	17.4636	11.3	3.6	126	0.0f	8	5	208	0.14	1.19	---	---	sx BUD	18002552	BUD			275

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.14	240.0	Pg	06:48:35.660	-0.7					T__						220818	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.14	240.0	Lg	06:48:38.307	-1.1					T__						220819	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.44	18.3	Pg	06:48:42.545	0.4					T__		64.6			ML	1.3	220823	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.44	18.3	Lg	06:48:47.495	-1.9					T__						220820	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KRUC	0.94	311.5	Pg	06:48:51.427	0.5					T__		27.0			ML	1.5	220824	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.94	311.5	Lg	06:49:04.668	-0.1					T__						220821	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
RONA	1.08	226.8	Lg	06:49:10.497	2.1					T__						220825	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.19	244.8	Lg	06:49:13.247	1.5					T__						220822	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/17	06:59:45.58	0.73	0.91	47.8250	19.9347	8.8	3.5	164	0.0A	0.0	12	7	219	0.07	0.78	m	kx BUD	18002554	BUD			360
2022/06/17	06:59:43.90	0.89	0.57	47.8362	19.9346f				0.0f		12	7	217	0.06	0.77		kx BUD_GT	18002555	BUD_GT			239

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

Magnitude Err Nsta Author OrigID  
ML 1.8 0.3 5 BUD 18002555

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.06	315.2	Pg	06:59:45.502	-0.2					T__		5302.7			ML	2.2	220856	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.06	315.2	Lg	06:59:47.273	-0.2					T__						220855	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
PSZ	0.09	341.8	Pg	06:59:46.031	-0.4					T__		3104.1			ML	2.0	220853	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.09	341.8	Lg	06:59:48.825	0.1					T__						220854	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU03A	0.24	286.8	Pg	06:59:50.012	0.8					T__		486.5			ML	1.6	220857	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.24	286.8	Lg	06:59:53.627	0.4					T__						220862	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.49	54.0	Pg	06:59:54.579	0.2					T__		54.4			ML	1.4	220863	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	54.0	Lg	07:00:02.611	0.2					T__						220858	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU10A	0.62	271.2	Lg	07:00:05.897	-0.9					T__						220859	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.75	29.5	Lg	07:00:09.695	-0.5					T__						220864	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.77	31.3	Pn	07:00:01.588	0.7					T__		82.3			ML	1.8	220861	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	31.3	Lg	07:00:10.206	-0.9					T__						220860	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/17	08:05:46.65	1.50	0.70	48.4148	17.4854	13.5	3.8	130	0.0f	8	5	214	0.14	1.19	sx	BUD	18002556	BUD				277

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.14	253.5	Pg	08:05:50.304	0.1					T__						220891	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.14	253.5	Lg	08:05:52.093	-1.1					T__						220896	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.34	229.6	Lg	08:05:59.229	-0.2					T__						220897	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.46	15.4	Pg	08:05:56.366	-0.0					T__		54.8			ML	1.3	220893	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.46	15.4	Lg	08:06:03.724	-0.2					T__						220892	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KRUC	0.97	312.3	Lg	08:06:19.713	0.2					T__						220898	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CONA	1.19	246.5	Pg	08:06:10.079	-0.0					T__		28.0			ML	1.6	220894	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.19	246.5	Sn	08:06:28.594	1.0					T__						220895	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/17	10:00:15.97	0.30	0.87	47.7572	18.6867	5.9	2.4	163	0.0A	0.0	12	10	124	0.24	1.29	m	kx	BUD	18002560	BUD			360
2022/06/17	10:00:13.96	0.90	1.27	47.7180	18.7130f				0.0f	12	10	113	0.24	1.28			kx	BUD_GT	18002561	BUD_GT			165

(locality : Dorog Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.24	250.5	Pg	10:00:20.249	1.1					T__		237.1			ML	1.3	221143	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.24	250.5	Lg	10:00:22.805	-0.9					T__						221142	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU10A	0.24	58.2	Pg	10:00:19.227	-0.1					T__		495.6			ML	1.7	221139	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.24	58.2	Lg	10:00:23.536	-0.2					T__						221140	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BUD	0.32	138.0	Lg	10:00:26.238	-0.3					T__						221141	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.61	242.1	Lg	10:00:35.962	-0.2					T__						221145	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.80	77.9	Lg	10:00:42.087	-0.7					T__						221144	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.82	75.4	Lg	10:00:42.838	-1.2					T__						221146	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MPLH	0.97	235.9	Lg	10:00:47.235	-0.2					T__						221147	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.98	252.7	Sn	10:00:49.194	-0.5					T__						221148	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.17	304.8	Sn	10:00:51.313	-3.5					T__						221149	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	1.28	71.0	Sn	10:00:58.511	1.1					T__						221150	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/17	11:01:08.39	0.85	1.05	48.5277	19.3499	4.9	3.2	2	0.0f	17	11	107	0.34	1.28	sx	BUD	18002562	BUD					164

Magnitude Err Nsta Author OrigID

ML 1.7 0.0 6 BUD 18002562

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.34	264.5	Pg	11:01:15.546	0.0					T__		33.8		---	ML	0.8	221193	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.34	264.5	Lg	11:01:20.321	-0.5					T__				---		221195	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
HU03A	0.65	164.9	Pg	11:01:23.155	1.2					T__		65.8		---	ML	1.7	221194	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.65	164.9	Lg	11:01:32.330	0.7					T__				---		221196	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
PSZ	0.71	149.0	Lg	11:01:33.496	-0.9					T__				---		221192	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU10A	0.72	198.1	Lg	11:01:33.296	-1.3					T__				---		221197	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.74	151.6	Lg	11:01:34.569	-0.3					T__				---		221198	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.76	93.0	Pg	11:01:22.851	-0.6					T__		133.5		---	ML	2.0	221187	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.76	93.0	Lg	11:01:34.108	-0.7					T__				---		221186	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
JOS	0.79	91.9	Pg	11:01:23.737	-0.4					T__		56.6		---	ML	1.7	221184	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	91.9	Lg	11:01:35.057	-0.9					T__				---		221185	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
HU02A	0.88	116.9	Pg	11:01:26.119	-0.5					T__		51.3		---	ML	1.7	221188	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	116.9	Lg	11:01:38.444	-1.7					T__				---		221189	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
NIE	1.09	34.7	Lg	11:01:46.303	1.5					T__				---		221199	FDSN	PL	--	BUD	iLoc	BHN	???	_	
JAVC	1.16	287.2	Sn	11:01:48.270	-0.3					T__				---		221200	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ABAH	1.28	99.7	Pg	11:01:34.720	1.3					T__		47.6		---	ML	1.9	221191	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.28	99.7	Sn	11:01:52.650	1.3					T__				---		221190	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/17	16:13:56.60	1.10	0.67	48.7839	22.2018	11.8	4.5	126	0.0f		9	6	143	0.16	1.30	sx	BUD	18002564	BUD			264

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.16	17.4	Pg	16:14:00.263	0.3					T__				---		221275	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.16	17.4	Lg	16:14:02.544	-0.4					T__				---		221277	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	0.69	160.9	Lg	16:14:20.710	-1.1					T__				---		221278	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ABAH	0.80	233.0	Pg	16:14:13.250	0.7					T__		54.2		---	ML	1.7	221281	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.80	233.0	Lg	16:14:25.519	-0.2					T__				---		221279	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
JOS	1.14	256.0	Pg	16:14:18.916	-0.1					T__		19.8		---	ML	1.4	221274	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.14	256.0	Lg	16:14:35.130	-0.6					T__				---		221273	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	1.18	255.8	Sn	16:14:36.526	-0.5					T__				---		221276	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	1.30	240.0	Sn	16:14:40.182	0.1					T__				---		221280	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/18	11:33:16.30	3.38	0.88	46.9335	22.5849	26.9	15.1	10	5.0f	5	3	284	0.17	1.55	ke	BUD	18002576	BUD				333

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DRGR	0.17	148.6	Pg	11:33:19.884	-0.2					T__		206.6		---	ML	1.1	221501	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.17	148.6	Lg	11:33:22.915	-0.3					T__				---		221504	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
SIRR	0.92	224.1	Lg	11:33:46.652	-0.9					T__				---		221502	FDSN	RO	--	BUD	iLoc	HHE	???	_		
GZR	1.55	175.0	Pn	11:33:45.082	0.2					T__		91.9		---	ML	2.3	221503	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	1.55	175.0	Sn	11:34:06.299	0.8					T__				---		221505	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.3 magdef=1)																										
(Station ML: 2.3 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/18	22:03:39.35	0.93	0.74	45.8688	16.0396	6.3	5.9	101	7.3	9.9	26	22	77	0.06	3.20	ke	BUD	18002582	BUD				134

Magnitude Err Nsta Author OrigID  
ML 3.0 0.1 22 BUD 18002582

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.06	221.4	Pg	22:03:41.754	0.6					T__		109707.1		---	ML	3.5	503054	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.5 magdef=1)																									
(Station ML: 3.5 magdef=0)																									
CRES	0.41	264.2	Pg	22:03:47.585	0.2					T__		1065.9		---	ML	2.5	503041	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.41	264.2	Lg	22:03:52.810	-0.7					T__				---		503051	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
KDGS	0.60	14.1	Pg	22:03:51.232	0.0					T__		2446.9		---	ML	3.2	503042	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
BEHE	0.79	40.1	Pg	22:03:55.425	0.6					T__		2191.8		---	ML	3.3	503043	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=0)																									
A264A	0.92	71.1	Pn	22:03:58.413	-0.2					T__		896.2		---	ML	3.0	503055	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
A262A	1.05	18.6	Pn	22:04:00.525	0.0					T__		876.6		---	ML	3.0	503056	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
A263A	1.17	48.4	Pg	22:04:01.324	-0.4					T__		755.2		---	ML	3.0	503057	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
OBKA	1.22	302.3	Pn	22:04:02.410	-0.5					T__		649.8		---	ML	3.0	503044	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.22	302.3	Lg	22:04:18.611	-0.1					T__				---		503045	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									

A273A	1.24	87.2	Pn	22:04:02.336	-0.7	T__	478.5	___	ML	2.9	503058	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
A261A	1.33	34.9	Pn	22:04:03.933	-0.3	T__	392.2	___	ML	2.8	503060	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
A265A	1.34	64.9	Pn	22:04:03.740	-0.7	T__	617.5	___	ML	3.0	503059	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
BLY	1.38	143.8	Pg	22:04:05.148	0.2	T__	321.2	___	ML	2.8	503047	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.38	143.8	Lg	22:04:25.588	2.1	T__		---			503052	FDSN	MN	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
ARSA	1.43	345.7	Pn	22:04:05.328	-0.4	T__	261.4	___	ML	2.7	503046	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
A260A	1.49	17.7	Pn	22:04:05.943	-0.5	T__	309.0	___	ML	2.8	503061	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
TIH	1.65	50.5	Pn	22:04:08.879	0.2	T__	556.4	___	ML	3.2	503062	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=0)																			
EGYH	1.79	29.4	Pn	22:04:11.568	1.0	T__	305.7	___	ML	3.0	503063	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	1.79	29.4	Sn	22:04:34.303	0.8	T__		---			503053	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
MORH	1.85	78.3	Pn	22:04:10.184	-1.2	T__	157.7	___	ML	2.7	503049	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
SOP	1.85	10.9	Pn	22:04:11.103	-0.4	T__	153.8	___	ML	2.7	503048	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
HU08A	2.03	39.0	Pn	22:04:13.373	-0.6	T__	102.9	___	ML	2.6	503064	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
CONA	2.06	356.7	Pn	22:04:14.986	0.5	T__	89.3	___	ML	2.6	503050	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
HU03A	3.18	48.9	Pn	22:04:29.233	-0.5	T__	56.3	___	ML	3.0	503065	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
KRUC	3.20	4.2	Pn	22:04:30.021	-0.0	T__	56.1	___	ML	3.0	503066	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/19	04:52:25.48	1.07	0.38	47.7905	16.2453	16.8	4.5	49	11.0f		5	3	154	0.10	1.28	ke	BUD	18002584	BUD			293

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
RONA	0.10	159.2	Pg	04:52:28.719	0.2					T__						221652	FDSN	OE	--	BUD	iLoc	HHZ	???	_

RONA	0.10	159.2	Lg	04:52:30.194	-0.5	T__									221651	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.29	298.2	Pg	04:52:31.821	0.0	T__					47.3	---	ML	0.8	221649	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	298.2	Lg	04:52:36.194	0.1	T__						---			221650	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1																							
(Station ML: 0.8 magdef=0																							
KRUC	1.28	4.4	Sn	04:53:06.296	-0.1	T__									221653	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/20	06:54:07.30	1.55	0.51	46.0876	22.9327	14.8	7.0	73	0.0f		7	5	149	0.21	0.90	sx	BUD	18002586	BUD			215

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	
DEV	0.21	185.7	Pg	06:54:11.328	0.1					T__		536.8		---	ML	1.6	221687	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.21	185.7	Lg	06:54:14.565	0.5					T__				---		221686	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=1																									
GZR	0.70	189.0	Pg	06:54:20.633	-0.1					T__		22.2		---	ML	1.2	221689	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.70	189.0	Lg	06:54:29.858	-0.9					T__				---		221688	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1																									
(Station ML: 1.2 magdef=1																									
DRGR	0.72	347.8	Lg	06:54:33.527	0.0					T__				---		221692	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.87	137.2	Lg	06:54:36.493	-0.2					T__				---		221690	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.90	282.0	Lg	06:54:38.597	0.0					T__				---		221691	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/20	08:11:35.96	1.39	1.04	48.8627	21.0470	9.4	7.2	118	0.0f		8	6	125	0.50	1.22	sx	BUD	18002588	BUD			246

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.50	222.7	Pg	08:11:46.142	0.2					T__		27.2		---	ML	1.1	221714	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	222.7	Lg	08:11:53.386	-0.1					T__				---		221715	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1																									
(Station ML: 1.1 magdef=1																									
KECS	0.53	224.6	Lg	08:11:53.953	-0.7					T__				---		221716	FDSN	SK	--	BUD	iLoc	EHN	???	_	
NIE	0.74	318.8	Lg	08:12:00.021	-0.5					T__				---		221717	FDSN	PL	--	BUD	iLoc	BHE	???	_	
KOLS	0.81	84.5	Lg	08:12:03.825	-0.7					T__				---		221718	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.82	205.3	Pg	08:11:53.546	0.7					T__		44.5		---	ML	1.6	221713	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.82	205.3	Lg	08:12:03.663	-1.8					T__				---		221719	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=1																									
PSZ	1.22	219.5	Sn	08:12:18.147	0.6					T__				---		221720	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/20	08:16:45.71	1.41	0.93	48.8173	20.9200	11.6	4.5	87	0.0f		9	6	191	0.41	1.13	sx	BUD	18002590	BUD			296

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.0	3 BUD	18002590



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.41	218.2	Pg	08:16:53.648	-0.3					T__		34.8		---	ML	1.0	221744	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.41	218.2	Lg	08:17:01.294	1.1					T__				---		221743	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.44	220.9	Lg	08:17:01.658	0.3					T__				---		221748	FDSN	SK	--	BUD	iLoc	EHE	???	_	
ABAH	0.56	157.7	Lg	08:17:06.756	0.3					T__				---		221749	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.73	326.1	Pg	08:16:59.959	0.5					T__		12.8		---	ML	1.0	221751	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.73	326.1	Lg	08:17:08.294	-1.5					T__				---		221750	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.74	200.8	Pg	08:17:00.960	-0.1					T__		20.1		---	ML	1.2	221746	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.74	200.8	Lg	08:17:11.540	-1.1					T__				---		221745	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	1.13	217.6	Sn	08:17:25.296	0.2					T__				---		221747	FDSN	GE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/20	08:39:50.70	0.75	0.73	48.9352	19.8663	4.2	3.8	115	0.0f		20	10	122	0.56	1.45		sx BUD	18002592	BUD			216

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	10 BUD	18002592

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
NIE	0.56	30.3	Pg	08:40:01.213	-0.1					T__		28.1		---	ML	1.3	221802	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.56	30.3	Lg	08:40:09.831	0.4					T__				---		221805	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KECS	0.61	137.6	Pg	08:40:03.610	0.7					T__		104.3		---	ML	1.9	221795	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.61	137.6	Lg	08:40:12.390	0.3					T__				---		221806	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.63	134.4	Pg	08:40:03.418	0.3					T__		72.3		---	ML	1.7	221794	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	134.4	Lg	08:40:12.845	0.3					T__				---		221807	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	0.81	237.5	Pg	08:40:07.916	0.8					T__		13.2		---	ML	1.1	221813	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.81	237.5	Lg	08:40:18.829	-0.0					T__				---		221808	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU02A	0.92	151.5	Pg	08:40:09.467	-0.2					T__		35.1		---	ML	1.6	221796	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.92	151.5	Lg	08:40:22.778	-0.3					T__				---		221809	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.02	178.9	Pg	08:40:11.490	-0.5					T__		46.1		---	ML	1.7	221798	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.02	178.9	Sn	08:40:25.407	-1.9					T__				---		221797	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU03A	1.05	189.9	Pg	08:40:12.542	0.2					T__		63.6		---	ML	1.9	221801	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.05	189.9	Lg	08:40:27.511	-0.1					T__				---		221800	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

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(Station ML: 1.9 magdef=0
ET1H 1.06 179.8 Pn 08:40:12.784 0.0 T__ 38.1 ___ ML 1.7 221799 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.06 179.8 Sn 08:40:26.904 -1.3 T__ ___ 221810 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 1.11 124.5 Pg 08:40:13.720 1.2 T__ 41.9 ___ ML 1.7 221803 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.11 124.5 Lg 08:40:29.051 0.3 T__ ___ 221811 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.45 267.8 Pn 08:40:18.301 0.0 T__ 60.4 ___ ML 2.1 221804 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.45 267.8 Sn 08:40:37.762 -0.2 T__ ___ 221812 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/20	09:43:28.81	1.66	0.94	48.5757	20.7570	12.1	4.0	4	0.0f		13	8	223	0.17	1.28	sx	BUD	18002594	BUD			291

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	5 BUD	18002594

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	241.1	Pg	09:43:32.498	0.2					T__		321.4		___	ML	1.3	221861	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	241.1	Lg	09:43:36.058	1.0					T__				___		221860	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
KECS	0.20	242.9	Pg	09:43:33.004	-0.1					T__		764.4		___	ML	1.7	221858	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	242.9	Lg	09:43:37.262	0.9					T__				___		221859	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																									
ABAH	0.43	130.9	Pg	09:43:38.020	0.5					T__		51.4		___	ML	1.2	221864	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	130.9	Lg	09:43:44.008	-0.9					T__				___		221863	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
HU02A	0.48	198.9	Pg	09:43:40.003	1.0					T__		31.5		___	ML	1.1	221862	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	198.9	Lg	09:43:45.950	-0.8					T__				___		221866	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0																									
PSZ	0.87	221.6	Lg	09:43:59.244	-1.1					T__				___		221867	FDSN	GE	--	BUD	iLoc	HHE	???	_	
ET1H	0.91	220.7	Pg	09:43:48.256	0.3					T__		27.5		___	ML	1.4	221865	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	220.7	Lg	09:44:01.325	0.0					T__				___		221868	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU03A	1.02	229.4	Sn	09:44:03.787	-1.7					T__				___		221869	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	1.28	267.1	Sn	09:44:11.534	-0.3					T__				___		221870	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
2022/06/20	09:45:43.94	0.93	0.94	48.5986	17.5642	5.5	3.1	117	0.0f		12	9	120	0.27	1.32	sx	BUD	18002596	BUD			202

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JAVC	0.27	15.1	Pg	09:45:48.954	-1.0					T__		213.1		---	ML	1.4	221904	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.27	15.1	Lg	09:45:54.133	-0.6					T__				---		221903	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
MODS	0.30	220.4	Pg	09:45:49.521	-0.9					T__				---		221901	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.30	220.4	Lg	09:45:55.185	-0.3					T__				---		221902	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.51	217.5	Lg	09:46:02.370	-0.0					T__				---		221909	FDSN	SK	--	BUD	iLoc	HHE	???	_	
VYHS	0.85	96.6	Lg	09:46:15.117	1.6					T__				---		221911	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KRUC	0.90	301.4	Lg	09:46:14.396	-0.1					T__				---		221910	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	0.96	318.3	Pg	09:46:02.832	0.8					T__		13.7		---	ML	1.2	221906	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.96	318.3	Lg	09:46:16.507	0.4					T__				---		221905	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=1																					
MORC	1.18	359.3	Lg	09:46:23.385	1.0					T__				---		221908	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.24	223.8	Pg	09:46:08.981	0.6					T__				---		221907	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
CONA	1.32	240.1	Lg	09:46:27.972	1.0					T__				---		221912	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/20	15:03:47.33	2.50	1.15	47.7587	19.8835	15.1	5.8	159	0.0f		7	4	257	0.12	0.56		sx BUD	18002598	BUD			306

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.1	3 BUD	18002598

Sta	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	0.12	356.1	Pg	15:03:51.554	1.1					T__		53.4		---	ML	0.4	221954	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.12	356.1	Lg	15:03:52.950	-0.0					T__				---		221956	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 0.4 magdef=1																					
				(Station ML: 0.4 magdef=1																					
PSZ	0.16	2.6	Pg	15:03:51.351	-0.0					T__		109.1		---	ML	0.8	221953	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.16	2.6	Lg	15:03:53.395	-1.3					T__				---		221957	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1																					
				(Station ML: 0.8 magdef=1																					
HU03A	0.24	307.3	Pg	15:03:53.201	0.5					T__		58.3		---	ML	0.7	221958	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.24	307.3	Lg	15:03:55.669	-1.2					T__				---		221959	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1																					
				(Station ML: 0.7 magdef=1																					
HU02A	0.56	49.6	Lg	15:04:07.687	-0.7					T__				---		221955	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/20	19:08:43.99	1.08	0.34	48.0112	16.4684	6.8	4.6	72	11.0f		8	4	172	0.33	1.05		ke BUD	18002602	BUD			270

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.4	3 BUD	18002602

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.33	200.5	Pg	19:08:51.007	-0.1					T__				---		221983	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.33	200.5	Lg	19:08:55.937	0.1					T__				---		221984	FDSN	OE	--	BUD	iLoc	HHE	???	_	
SOP	0.33	169.5	Pg	19:08:50.989	-0.0					T__		38.0		---	ML	0.8	221985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.33	169.5	Lg	19:08:55.754	-0.0					T__				---		221986	FDSN	HU	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.42 258.7 Pg 19:08:52.324 -0.3 T__ 38.9 ___ ML 1.0 221990 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.42 258.7 Lg 19:08:58.897 0.5 T__ ___ 221989 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KRUC 1.05 357.4 Pg 19:09:04.427 0.3 T__ 25.7 ___ ML 1.5 221988 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.05 357.4 Lg 19:09:18.861 -0.4 T__ ___ 221987 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/21 06:20:41.38 3.45 0.82 46.8861 22.8055 22.1 12.3 2 0.0f 8 5 282 0.11 1.59 sx BUD 18002604 BUD 308

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Magnitude Err Nsta Author OrigID
ML 1.4 0.5 3 BUD 18002604

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
DRGR 0.11 214.5 Pg 06:20:43.657 -0.4 T__ 316.2 ___ ML 1.1 222014 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.11 214.5 Lg 06:20:46.762 0.4 T__ ___ 222017 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SIRR 1.00 232.4 Pg 06:21:01.918 0.3 T__ 24.0 ___ ML 1.4 222019 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 1.00 232.4 Lg 06:21:16.306 0.4 T__ ___ 222018 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
GZR 1.49 180.8 Pg 06:21:10.152 0.5 T__ 27.0 ___ ML 1.8 222016 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.49 180.8 Sn 06:21:29.214 -0.5 T__ ___ 222015 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BZS 1.51 213.4 Lg 06:21:32.609 1.5 T__ ___ 222020 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.59 154.7 Sn 06:21:32.114 0.0 T__ ___ 222021 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/21 06:59:58.15 0.90 0.86 47.0194 17.9469 5.4 3.8 81 0.0f 9 7 101 0.13 1.43 sx BUD 18002606 BUD 149

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
TIH 0.13 197.2 Pg 07:00:01.424 0.2 T__ 1815.0 ___ ML 1.9 222046 FDSN HU -- BUD iLoc HHZ HHZ _
TIH 0.13 197.2 Lg 07:00:03.040 -0.9 T__ ___ 222050 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 0.32 298.6 Pg 07:00:05.404 0.3 T__ 152.8 ___ ML 1.4 222048 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.32 298.6 Lg 07:00:09.860 -0.6 T__ ___ 222047 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A267A 0.37 101.1 Lg 07:00:12.713 0.1 T__ ___ 222053 FDSN ZJ 00 BUD iLoc HHE ??? _
CSKK 0.40 31.8 Lg 07:00:12.685 -1.3 T__ ___ 222051 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.69 25.4 Lg 07:00:23.281 -0.5 T__ ___ 222049 FDSN ZJ 00 BUD iLoc HHN ??? _

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MORH	0.94	148.9	Lg	07:00:30.894	0.2					T__					222045	FDSN	HU	--	BUD	iLoc	HNN	???	_
MODS	1.43	341.8	Sn	07:00:45.916	1.0					T__					222052	FDSN	SK	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/21	07:50:42.32	1.12	0.53	47.3755	18.3601	9.2	5.1	140	0.0f		8	7	107	0.07	1.18	sx	BUD	18002608	BUD			196

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.07	259.7	Pg	07:50:44.580	0.2					T__		1133.3			ML	1.5	222073	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	259.7	Lg	07:50:46.442	-0.0					T__						222079	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU09A	0.26	3.3	Lg	07:50:53.003	-0.1					T__						222075	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU08A	0.30	280.8	Lg	07:50:54.133	-0.2					T__						222080	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
ET1H	1.14	63.2	Sn	07:51:22.297	0.4					T__						222076	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	1.16	15.8	Sn	07:51:21.729	-0.8					T__						222078	FDSN	SK	--	BUD	iLoc	HNN	???	_	
PSZ	1.17	61.8	Sn	07:51:23.033	0.3					T__						222077	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MORH	1.18	170.4	Sn	07:51:22.066	-0.7					T__						222074	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	
2022/06/21	07:59:45.20	0.63	0.86	48.0961	20.6885	7.2	3.8	146	0.0A	0.0	9	7	187	0.11	1.30	m	kx	BUD	18002610	BUD			360
2022/06/21	07:59:42.65	0.96	0.65	48.0471	20.6805f				0.0f		9	7	196	0.13	1.31		kx	BUD_GT	18002611	BUD_GT			264

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	07:59:45.776	-0.1					T__		655.9			ML	1.5	222100	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	07:59:48.734	0.1					T__						222101	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.45	56.1	Lg	07:59:58.813	-0.9					T__						222107	FDSN	HU	--	BUD	iLoc	HNN	???	_	
KECS	0.46	343.5	Lg	07:59:58.776	-0.2					T__						222102	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.46	348.2	Pg	07:59:52.130	0.2					T__		41.3			ML	1.2	222104	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	07:59:58.557	-0.5					T__						222103	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.54	256.6	Lg	08:00:03.889	0.8					T__						222105	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	0.57	253.1	Lg	08:00:04.510	1.0					T__						222106	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	1.31	290.6	Sn	08:00:25.883	-0.7					T__						222108	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/21	08:48:38.20	0.90	0.66	47.8951	16.0846	6.3	4.0	42	0.0f		9	6	130	0.15	1.50	sx	BUD	18002612	BUD			197

Magnitude Err Nsta Author OrigID

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

CONA	0.15	282.6	Pg	08:48:41.284	-0.2	T__	375.8	___	ML	1.3	222130	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	282.6	Lg	08:48:43.804	-0.1	T__		---			222134	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
RONA	0.24	143.8	Pg	08:48:43.073	-0.2	T__		---			222132	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.24	143.8	Lg	08:48:46.835	-0.0	T__		---			222131	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	0.75	210.7	Lg	08:49:03.159	1.0	T__		---			222135	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.19	9.9	Pg	08:49:02.079	1.1	T__	44.4	---	ML	1.8	222136	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.19	9.9	Lg	08:49:18.259	-0.2	T__		---			222133	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
VRAC	1.45	13.2	Sn	08:49:25.438	-0.1	T__		---			222137	FDSN	CZ	--	BUD	iLoc	HHE	???	_
CKRC	1.50	308.7	Sn	08:49:26.430	-0.3	T__		---			222138	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/21	10:44:17.10	0.75	1.39	48.3427	18.9956	3.8	3.0	46	0.0f		22	17	114	0.19	1.72	sx	BUD	18002614	BUD			115

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	18002614

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.19	325.0	Pg	10:44:21.620	0.5					T__		212.7		---	ML	1.1	222221	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.19	325.0	Lg	10:44:24.760	0.6					T__				---		222222	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU10A	0.50	178.2	Pg	10:44:29.032	1.5					T__	136.3			---	ML	1.8	222218	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.50	178.2	Lg	10:44:34.875	-0.8					T__				---		222217	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	0.60	137.1	Lg	10:44:38.454	-0.2					T__				---		222219	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SR0	0.70	221.1	Lg	10:44:40.645	-2.0					T__				---		222220	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.74	124.9	Lg	10:44:42.566	-1.5					T__				---		222223	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.75	128.0	Pg	10:44:34.391	1.5					T__	53.8			---	ML	1.6	222225	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.75	128.0	Lg	10:44:42.644	-1.3					T__				---		222224	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
BUD	0.86	178.7	Lg	10:44:47.355	-1.0					T__				---		222238	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	1.00	81.4	Lg	10:44:51.053	-1.1					T__				---		222226	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.04	80.9	Pg	10:44:38.731	1.1					T__	59.9			---	ML	1.9	222228	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.04	80.9	Lg	10:44:52.243	-1.1					T__				---		222227	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
HU02A	1.05	101.6	Pg	10:44:38.466	-0.1					T__	58.2			---	ML	1.8	222229	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.05	101.6	Sn	10:44:51.831	-2.6					T__				---		222230	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CSKK	1.10	207.1	Sn	10:44:54.526	-1.1					T__				---		222231	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.15	272.2	Sn	10:44:55.959	-0.9					T__				---		222232	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU08A	1.16	218.7	Sn	10:44:56.797	-0.4					T__				---		222233	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ZST	1.27	264.1	Sn	10:45:00.226	0.3					T__				---		222234	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	1.50	90.9	Sn	10:45:08.083	2.6					T__				---		222235	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.53	220.5	Sn	10:45:07.499	1.2					T__				---		222236	FDSN	HU	--	BUD	iLoc	HHN	???	_	

MORC 1.72 326.9 Sn 10:45:10.104 -1.1 T\_\_ --- 222237 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/21	13:10:31.28	0.30	0.96	47.5604	18.4444	4.2	2.7	132	0.0A	0.0	12	10	102	0.23	1.35	m	kx BUD	18002616	BUD			360
2022/06/21	13:10:28.76	0.93	1.00	47.5577	18.4810f				0.0f		12	10	104	0.25	1.35		kx BUD_GT	18002617	BUD_GT			147

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.25	217.6	Pg	13:10:34.446	0.3					T__		391.9		---	ML	1.6	222269	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	13:10:37.404	-1.5					T__				---		222271	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
SR0	0.28	336.2	Lg	13:10:39.514	-0.5					T__				---		222272	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU08A	0.40	251.7	Lg	13:10:43.825	-0.1					T__				---		222273	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU10A	0.46	51.4	Lg	13:10:46.477	0.1					T__				---		222274	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.75	239.1	Lg	13:10:56.253	1.1					T__				---		222275	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.97	14.1	Pn	13:10:49.701	1.0					T__		20.9		---	ML	1.4	222270	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	14.1	Lg	13:11:01.862	-0.7					T__				---		222276	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.99	70.6	Lg	13:11:03.592	-0.7					T__				---		222277	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.02	68.8	Sn	13:11:06.872	0.9					T__				---		222280	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MODS	1.15	315.7	Sn	13:11:07.179	-1.9					T__				---		222278	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.35	175.2	Sn	13:11:13.965	0.8					T__				---		222279	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
2022/06/22	06:56:47.17	1.25	1.09	46.1031	18.0898	12.9	4.1	71	0.0f		5	3	185	0.02	1.13		sx BUD	18002622	BUD			278

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.02	154.7	Pg	06:56:47.832	-0.1					T__		600.3		_c_	ML	1.1	222402	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.02	154.7	Lg	06:56:49.379	0.5					T__				---		222403	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MORH	0.40	73.6	Lg	06:57:02.336	0.1					T__				---		222404	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.13	340.6	Pg	06:57:10.590	0.6					T__		46.3		---	ML	1.8	222406	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.13	340.6	Sn	06:57:25.276	-1.3					T__				---		222405	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/22	08:12:26.65	0.76	1.13	48.7354	18.7300	5.3	3.5	44	0.0f		18	14	136	0.25	1.41		sx BUD	18002624	BUD			180

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 7 BUD 18002624

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.25	163.7	Pg	08:12:31.994	0.0					T__		119.9		---	ML	1.1	222447	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	163.7	Lg	08:12:36.667	0.8					T__				---		222450	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
JAVC	0.71	280.4	Lg	08:12:51.449	-0.9					T__				---		222451	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
HU10A	0.91	167.7	Lg	08:12:58.432	-1.1					T__				---		222448	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.96	196.9	Lg	08:13:01.217	-0.1					T__				---		222452	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU03A	1.01	144.8	Lg	08:13:02.188	-0.3					T__				---		222459	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MODS	1.03	250.0	Lg	08:13:02.059	-1.0					T__				---		222453	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU09A	1.12	192.1	Sn	08:13:05.423	-0.3					T__				---		222455	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	1.13	136.0	Pn	08:12:49.076	-0.7					T__		54.8		---	ML	1.9	222445	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
ET1H	1.15	137.9	Pn	08:12:51.422	1.5					T__		27.6		---	ML	1.6	222443	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.15	137.9	Sn	08:13:04.935	-1.4					T__				---		222454	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KECS	1.19	101.6	Pg	08:12:51.584	1.4					T__		70.1		---	ML	2.0	222442	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.19	101.6	Lg	08:13:06.554	-0.6					T__				---		222456	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
JOS	1.22	100.6	Pg	08:12:50.188	-0.6					T__		43.8		---	ML	1.8	222446	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
MORC	1.30	323.7	Pg	08:12:51.091	0.3					T__		40.0		---	ML	1.8	222449	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.30	323.7	Lg	08:13:09.297	0.4					T__				---		222457	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
HU02A	1.34	116.5	Pn	08:12:51.859	-0.9					T__		28.1		---	ML	1.7	222444	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
HU08A	1.41	202.8	Sn	08:13:15.580	2.7					T__				---		222458	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/22	08:20:35.70	0.98	1.03	48.9943	19.3816	6.5	5.1	0	0.0f		12	9	110	0.62	1.43	sx	BUD	18002626	BUD			178

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	3 BUD	18002626

Sta	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	0.62	216.0	Pg	08:20:49.096	0.9					T__		18.8		---	ML	1.1	222503	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.62	216.0	Lg	08:20:57.188	-0.0					T__				---		222504	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
NIE	0.74	54.5	Lg	08:21:00.569	0.4					T__				---		222505	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KECS	0.89	124.6	Lg	08:21:06.554	-0.0					T__				---		222506	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.91	122.6	Lg	08:21:06.614	-0.7					T__				---		222497	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
PSZ	1.13	162.2	Pn	08:20:59.676	0.8					T__		46.9		---	ML	1.8	222496	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.13	162.2	Sn	08:21:14.929	-0.2					T__				---		222502	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									



```

(Station ML: 1.8 magdef=1
JAVC 1.14 263.8 Sn 08:21:13.038 -2.2 T__
HU02A 1.16 138.5 Pn 08:20:58.624 -0.6 T__ 34.2 --- ML 1.7 222495 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.16 138.5 Lg 08:21:14.504 -0.9 T__ --- 222499 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 1.16 163.5 Lg 08:21:14.625 -1.0 T__ --- 222498 FDSN HU -- BUD iLoc HHN ??? _
MORC 1.43 303.8 Lg 08:21:21.528 -0.6 T__ --- 222500 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/22 08:32:36.44 1.49 0.96 46.0421 22.6007 11.9 5.9 12 0.0f 8 5 196 0.26 1.01 sx BUD 18002628 BUD 246

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.3 3 BUD 18002628

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.26 126.9 Pg 08:32:41.874 0.4 T__ 1363.8 --- ML 2.2 222530 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.26 126.9 Lg 08:32:44.484 -0.7 T__ --- 222533 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
GZR 0.66 169.2 Pg 08:32:49.602 0.5 T__ 63.8 --- ML 1.7 222531 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.66 169.2 Lg 08:32:57.803 -0.7 T__ --- 222534 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SIRR 0.69 289.4 Lg 08:33:00.474 -0.9 T__ --- 222536 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.81 238.6 Lg 08:33:03.542 -0.2 T__ --- 222537 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.01 125.6 Pg 08:32:56.318 0.5 T__ 86.1 --- ML 2.0 222532 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.01 125.6 Lg 08:33:09.062 -1.5 T__ --- 222535 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/23 06:24:24.94 1.36 0.30 46.0520 22.8302 10.3 6.5 54 0.0f 8 6 138 0.18 0.95 sx BUD 18002636 BUD 206

```

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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
DEV 0.18 163.2 Pg 06:24:28.152 -0.1 T__ 1098.0 --- ML 1.8 222698 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.18 163.2 Lg 06:24:31.052 0.3 T__ --- 222699 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
GZR 0.66 183.3 Pg 06:24:37.596 -0.0 T__ 72.6 --- ML 1.7 222701 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.66 183.3 Lg 06:24:47.322 0.3 T__ --- 222700 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.74 353.7 Lg 06:24:52.352 0.4 T__ --- 222703 FDSN RO -- BUD iLoc HHN ??? _
SIRR 0.84 285.3 Lg 06:24:54.354 0.0 T__ --- 222702 FDSN RO -- BUD iLoc HHN ??? _
LOT 0.89 132.2 Lg 06:24:54.867 -0.3 T__ --- 222705 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.95 243.3 Lg 06:24:56.817 -0.2 T__ --- 222704 FDSN RO -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/23	07:12:07.32	1.21	0.70	47.0607	18.0439	7.1	4.5	101	0.0f	8	7	127	0.19	0.97	sx	BUD	18002638	BUD				166

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
TIH	0.19	212.8	Lg	07:12:14.726	-0.6					T__						222730	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	0.34	25.9	Lg	07:12:20.402	-0.4					T__						222728	FDSN	HU	--	BUD	iLoc	HHN	???	_
MPLH	0.36	287.8	Pg	07:12:15.718	0.6					T__		107.1				222726	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.36	287.8	Lg	07:12:20.376	-0.7					T__						222725	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
HU08A	0.38	347.6	Lg	07:12:21.359	-0.7					T__						222731	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BADH	0.47	237.1	Lg	07:12:23.584	-0.5					T__						222727	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	0.94	153.8	Lg	07:12:39.516	-0.5					T__						222732	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	0.97	177.7	Lg	07:12:41.240	-0.1					T__						222729	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	
2022/06/23	07:18:43.44	0.89	0.79	48.8051	18.9848	14.7	4.0	17	0.0f	11	8	149	0.87	1.58	sx	BUD	18002640	BUD					192

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	18002640

Sta	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	0.87	274.1	Pg	07:19:01.582	0.4					T__		77.5				222756	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.87	274.1	Lg	07:19:13.874	-0.6					T__						222761	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
KECS	1.05	107.4	Lg	07:19:18.822	-0.2					T__						222762	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	1.07	145.3	Sn	07:19:19.767	-1.7					T__						222757	FDSN	GE	--	BUD	iLoc	HHN	???	_
JOS	1.08	106.1	Pg	07:19:04.850	0.2					T__		29.4				222755	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.08	106.1	Lg	07:19:19.375	-0.6					T__						222763	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
ET1H	1.10	147.1	Sn	07:19:22.772	0.8					T__						222758	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU02A	1.23	123.1	Pn	07:19:08.237	0.3					T__		27.3				222759	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.23	123.1	Sn	07:19:25.585	0.3					T__						222764	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
MORC	1.36	316.4	Lg	07:19:26.839	-0.6					T__						222760	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ABAH	1.58	107.9	Lg	07:19:36.601	0.1					T__						222765	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	
2022/06/23	07:29:37.61	1.23	1.00	46.0327	22.8452	9.5	5.0	46	0.0f	9	6	138	0.15	0.95	sx	BUD	18002642	BUD					205

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	3 BUD	18002642

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

DEV	0.15	164.8	Lg	07:29:42.857	0.1	T__										222792	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.64	184.3	Pg	07:29:49.709	-0.2	T__	63.5									1.7	222790	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.64	184.3	Lg	07:29:59.204	0.2	T__											222791	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.76	353.1	Lg	07:30:03.182	-1.7	T__											222796	FDSN	RO	--	BUD	iLoc	HHN	???	_
SIRR	0.86	286.3	Pg	07:29:55.493	0.4	T__	41.9									1.6	222798	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.86	286.3	Lg	07:30:08.212	0.8	T__											222795	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
LOT	0.87	131.8	Pg	07:29:54.927	0.6	T__	42.4									1.6	222797	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.87	131.8	Lg	07:30:06.261	-0.9	T__											222793	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
BZS	0.95	244.6	Lg	07:30:08.674	-1.0	T__											222794	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/23	07:38:17.11	1.54	0.52	48.2478	21.2407	9.6	4.5	131	0.0f		12	8	151	0.05	1.33	sx	BUD	18002644	BUD			249

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	4 BUD	18002644

Sta	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	359.2	Pg	07:38:18.810	0.1					T__		11246.6		_c_	ML	2.5	222827	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	359.2	Lg	07:38:19.580	-0.7					T__						222828	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
HU02A	0.50	255.6	Lg	07:38:35.258	-0.4					T__						222831	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.53	298.2	Pg	07:38:28.023	0.3					T__	76.2				ML	1.7	222829	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.2	Lg	07:38:35.363	-0.5					T__						222832	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.56	295.4	Pg	07:38:28.639	0.3					T__	175.2				ML	2.1	222830	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.56	295.4	Lg	07:38:36.928	0.1					T__						222833	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
TRPA	0.88	97.2	Lg	07:38:48.661	-0.0					T__						222834	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.96	250.4	Lg	07:38:52.280	0.5					T__						222835	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	248.6	Pg	07:38:37.534	-0.3					T__	52.2				ML	1.8	222837	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.6	Lg	07:38:51.392	-0.9					T__						222836	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	1.33	332.4	Sn	07:39:01.736	0.4					T__						222838	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
2022/06/23	08:16:59.41	1.02	0.56	48.5564	20.7905	7.1	3.7	9	0.0f		11	8	129	0.18	1.30	sx	BUD	18002646	BUD			201

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	18002646

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	250.1	Pg	08:17:03.195	0.0					T__		396.1		---	ML	1.4	222867	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	250.1	Lg	08:17:07.057	0.9					T__				---		222868	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.22	250.2	Pg	08:17:03.810	-0.1					T__		1759.5		---	ML	2.1	222869	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	250.2	Lg	08:17:07.929	0.5					T__				---		222871	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ABAH	0.40	130.9	Pg	08:17:07.917	0.3					T__		66.8		---	ML	1.2	222870	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	130.9	Lg	08:17:14.050	-0.5					T__				---		222873	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.47	202.3	Lg	08:17:16.993	0.0					T__				---		222874	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ET1H	0.92	222.6	Lg	08:17:31.552	-0.4					T__				---		222876	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.92	339.6	Lg	08:17:30.028	0.1					T__				---		222875	FDSN	PL	--	BUD	iLoc	BHN	???	_	
TRPA	1.24	109.4	Sn	08:17:40.993	-0.4					T__				---		222872	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VVHS	1.30	268.0	Sn	08:17:42.116	-0.8					T__				---		222877	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
2022/06/23	08:27:38.78	1.05	0.67	47.9549	16.0678	6.6	4.6	26	0.0f		6	3	137	0.14	1.13	sx	BUD	18002648	BUD			249

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	259.2	Pg	08:27:41.728	-0.1					T__		145.3		---	ML	0.9	222898	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	259.2	Lg	08:27:44.372	0.3					T__				---		222899	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.30	148.8	Pg	08:27:45.084	0.1					T__				---		222901	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.30	148.8	Lg	08:27:48.949	-0.3					T__				---		222900	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.13	11.0	Pg	08:28:01.152	0.7					T__		34.5		---	ML	1.7	222902	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.13	11.0	Lg	08:28:16.305	-0.8					T__				---		222903	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/23	09:22:06.38	3.10	1.43	48.3129	21.2464	20.2	4.2	72	0.0f		7	4	263	0.02	0.53	sx	BUD	18002650	BUD			317

Magnitude Err Nsta Author OrigID  
ML 1.2 0.2 3 BUD 18002650

Sta	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	0.02	195.0	Pg	09:22:06.852	-0.3					T__		148.2		---	ML	0.5	222925	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.02	195.0	Lg	09:22:09.495	1.3					T__				---		222924	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
JOS	0.51	291.5	Pg	09:22:17.194	0.6					T__		29.7		---	ML	1.2	222927	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	291.5	Lg	09:22:23.712	-0.6					T__				---		222926	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									

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(Station ML: 1.2 magdef=1
HU02A 0.52 248.7 Pg 09:22:17.604 0.3 T__ 36.9 ___ ML 1.3 222929 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.52 248.7 Lg 09:22:26.304 0.6 T__ ___ 222930 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.53 288.9 Lg 09:22:23.045 -2.3 T__ ___ 222928 FDSN SK -- BUD iLoc EHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/23 10:42:52.86 1.04 0.45 48.3295 19.8442 5.7 4.0 136 0.0f 12 7 145 0.41 0.93 sx BUD 18002652 BUD 252

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 18002652

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Sta 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 10:43:02.207 0.2 T__ 205.8 ___ ML 1.8 222998 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.41 175.3 Lg 10:43:08.930 0.2 T__ ___ 222999 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.45 177.7 Pg 10:43:02.566 -0.0 T__ 83.1 ___ ML 1.5 223001 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.45 177.7 Lg 10:43:09.572 -0.0 T__ ___ 223000 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KECS 0.45 70.0 Pg 10:43:02.104 0.0 T__ 314.0 ___ ML 2.1 223003 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.45 70.0 Lg 10:43:09.905 0.8 T__ ___ 223004 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 0.49 70.0 Pg 10:43:02.514 -0.3 T__ 164.5 ___ ML 1.9 223005 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.49 70.0 Lg 10:43:10.650 0.3 T__ ___ 223006 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.50 114.2 Pg 10:43:03.361 -0.1 T__ 132.7 ___ ML 1.8 223002 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 114.2 Lg 10:43:10.829 -0.7 T__ ___ 223007 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 0.69 284.1 Lg 10:43:16.879 -0.2 T__ ___ 223009 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.93 91.5 Lg 10:43:25.284 -0.5 T__ ___ 223008 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
2022/06/23 12:44:06.02 0.84 1.11 47.1398 19.3215 9.5 3.4 108 0.0f 13 9 134 0.74 1.35 sx BUD 18002654 BUD 162

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Magnitude Err Nsta Author OrigID
ML 2.1 0.2 9 BUD 18002654

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.74 343.9 Pg 12:44:22.169 0.8 T__ 105.4 ___ ML 1.9 223050 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU03A 0.79 13.8 Pg 12:44:23.694 1.1 T__ 139.8 ___ ML 2.1 223051 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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HU22A	0.82	189.2	Pg	12:44:23.593	1.1	T__	322.8	___	ML	2.5	223048	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.82	189.2	Lg	12:44:33.976	-1.8	T__		---			223058	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=0)																			
ET1H	0.83	26.5	Pg	12:44:23.288	-0.3	T__	48.7	___	ML	1.6	223053	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.83	26.5	Lg	12:44:35.095	-1.0	T__		---			223059	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU21A	0.85	160.7	Pg	12:44:24.864	1.6	T__	204.4	___	ML	2.3	223049	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
PSZ	0.87	26.3	Pg	12:44:24.203	-0.4	T__	119.8	___	ML	2.1	223054	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	26.3	Lg	12:44:36.813	-1.1	T__		---			223055	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
A266A	0.95	230.1	Pg	12:44:25.271	0.2	T__	145.6	___	ML	2.2	223052	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
MORH	1.04	207.0	Pg	12:44:26.542	-0.7	T__	23.6	___	ML	1.4	223057	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.04	207.0	Lg	12:44:41.135	-0.7	T__		---			223056	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
KOVH	1.35	219.1	Pn	12:44:32.451	0.4	T__	24.2	___	ML	1.6	223060	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/24	07:18:24.42	1.24	0.80	48.9915	19.3633	7.0	6.0	172	0.0f		9	8	110	0.61	1.43	sx	BUD	18002662	BUD			199

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.61	215.2	Lg	07:18:45.728	0.1					T__						223182	FDSN	SK	--	BUD	iLoc	HHE	???	_	
NIE	0.75	54.8	Lg	07:18:49.646	0.4					T__						223179	FDSN	PL	--	BUD	iLoc	BHE	???	_	
KECS	0.90	124.0	Lg	07:18:55.051	-0.6					T__						223177	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.92	122.1	Pg	07:18:42.818	0.2					T__	37.0			___	ML	1.6	223176	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	122.1	Lg	07:18:55.544	-0.8					T__				---		223175	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
PSZ	1.13	161.6	Sn	07:19:04.838	1.0					T__				---		223178	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU02A	1.16	138.0	Lg	07:19:03.544	-0.8					T__				---		223180	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ET1H	1.16	162.9	Sn	07:19:04.747	0.2					T__				---		223181	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORC	1.43	304.1	Lg	07:19:09.549	-1.0					T__				---		223183	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/24	07:32:35.57	1.16	0.77	47.8505	19.8377	9.3	3.8	171	0.0f		11	8	224	0.04	1.04	sx	BUD	18002664	BUD			250

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	18002664

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.04	38.3	Pg	07:32:37.139	0.2					T__		1850.1		---	ML	1.7	223207	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.04	38.3	Lg	07:32:38.070	-0.2					T__				---		223210	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
PSZ	0.08	29.3	Pg	07:32:38.097	0.2					T__		1058.9		---	ML	1.5	223206	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.08	29.3	Lg	07:32:39.303	-0.8					T__				---		223211	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
HU03A	0.17	288.5	Pg	07:32:40.024	0.5					T__		286.5		---	ML	1.2	223212	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.17	288.5	Lg	07:32:41.886	-0.7					T__				---		223213	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
HU02A	0.54	59.2	Lg	07:32:54.811	-0.9					T__				---		223214	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.77	34.2	Lg	07:33:03.615	1.0					T__				---		223208	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JDS	0.80	35.8	Lg	07:33:04.345	0.7					T__				---		223209	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
VYHS	0.93	314.2	Lg	07:33:07.120	-0.9					T__				---		223215	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	1.04	64.1	Sn	07:33:12.447	-0.2					T__				---		223216	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
2022/06/24	07:35:23.66	0.84	0.79	47.6818	18.5457	4.4	2.8	152	0.0f		15	13	68	0.12	1.17	sx	BUD	18002666	BUD			112

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BUD	18002666

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.12	248.7	Pg	07:35:26.768	0.2					T__		1803.4		_c_	ML	1.9	223248	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.12	248.7	Lg	07:35:29.077	-0.2					T__				---		223261	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
SRD	0.20	310.1	Lg	07:35:32.364	0.2					T__				---		223262	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU10A	0.36	62.7	Lg	07:35:38.040	0.5					T__				---		223251	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.37	211.3	Lg	07:35:37.602	-0.6					T__				---		223250	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BUD	0.38	121.3	Lg	07:35:38.798	0.3					T__				---		223249	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.49	239.5	Pg	07:35:34.242	0.5					T__		132.9		---	ML	1.8	223253	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.49	239.5	Lg	07:35:41.692	-0.3					T__				---		223252	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU03A	0.74	72.3	Lg	07:35:49.522	-1.0					T__				---		223257	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.84	13.4	Lg	07:35:53.159	0.2					T__				---		223254	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MPLH	0.85	233.5	Lg	07:35:54.780	1.3					T__				---		223258	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	0.92	77.1	Pg	07:35:42.802	-0.1					T__		57.0		---	ML	1.8	223259	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
PSZ	0.94	74.9	Pg	07:35:44.263	0.7					T__		72.1		---	ML	1.9	223260	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
MODS	1.10	309.6	Sn	07:36:00.536	-1.7					T__				---		223255	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A266A	1.17	189.5	Lg	07:36:03.165	-0.5					T__				---		223256	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/24	08:17:16.87	1.08	0.89	47.9024	16.1090	7.6	4.0	37	0.0f	8	6	138	0.17	1.51	sx	BUD	18002668	BUD				202

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	278.9	Pg	08:17:20.121	-0.3					T__		199.5		---	ML	1.1	223286	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	278.9	Lg	08:17:22.531	-0.5					T__				---		223287	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
RONA	0.24	148.0	Pg	08:17:21.692	-0.2					T__				---		223289	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	148.0	Lg	08:17:25.636	0.2					T__				---		223288	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	0.71	257.5	Lg	08:17:40.368	0.7					T__				---		223290	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.76	211.5	Lg	08:17:41.630	0.4					T__				---		223291	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.18	9.2	Lg	08:17:56.933	0.1					T__				---		223292	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.51	308.1	Lg	08:18:07.628	1.7					T__				---		223293	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/24	08:32:46.18	1.06	1.27	48.1218	21.2768	6.7	5.1	156	0.0f	13	9	112	0.18	1.65	sx	BUD	18002670	BUD					167

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	18002670

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.18	351.9	Pg	08:32:50.139	-0.1					T__		389.5		---	ML	1.4	223318	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	351.9	Lg	08:32:53.426	-0.3					T__				---		223319	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU02A	0.50	270.3	Lg	08:33:03.031	-2.0					T__				---		223322	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.62	307.5	Pg	08:32:58.940	0.4					T__		59.7		---	ML	1.6	223321	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.62	307.5	Lg	08:33:08.180	0.2					T__				---		223320	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
KECS	0.64	304.7	Lg	08:33:09.312	0.5					T__				---		223323	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.85	89.0	Lg	08:33:13.986	-2.9					T__				---		223324	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.95	258.1	Lg	08:33:20.779	0.3					T__				---		223325	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	256.1	Pg	08:33:06.390	-0.2					T__		31.2		---	ML	1.5	223327	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	256.1	Lg	08:33:20.632	-0.3					T__				---		223326	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
KOLS	1.05	38.8	Pg	08:33:06.720	0.5					T__				---		223330	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.05	38.8	Lg	08:33:21.839	-1.2					T__				---		223329	FDSN	SK	--	BUD	iLoc	HHN	???	_	
DRGR	1.65	143.3	Sn	08:33:39.549	1.2					T__				---		223328	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/24	08:58:46.84	0.78	2.02	48.3861	21.8472	6.1	4.0	179	0.0f	17	10	109	0.38	1.70	sx	BUD	18002672	BUD					132

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD	18002672



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
UZH	0.38	50.3	Lg	08:59:01.257	-0.1					T__						223456	FDSN	UA	--	BUD	iLoc	BHN	???	_	
ABAH	0.42	257.7	Pg	08:58:57.241	1.8					T__		58.6		---	ML	1.2	223447	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	257.7	Lg	08:59:04.014	1.4					T__				---		223445	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
TRPA	0.53	118.7	Pg	08:58:59.656	2.3					T__		67.1		---	ML	1.6	223457	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.53	118.7	Lg	08:59:07.782	1.3					T__				---		223452	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOLS	0.62	27.1	Pg	08:58:59.253	0.5					T__				---		223446	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.62	27.1	Lg	08:59:08.496	-0.4					T__				---		223449	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.88	277.7	Pg	08:59:06.026	1.8					T__		44.0		---	ML	1.6	223444	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.88	277.7	Lg	08:59:15.170	-2.2					T__				---		223453	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.91	276.6	Pg	08:59:06.188	1.2					T__		99.5		---	ML	2.0	223443	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.91	276.6	Lg	08:59:16.647	-1.9					T__				---		223454	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.92	253.9	Pg	08:59:06.030	0.2					T__		45.5		---	ML	1.7	223442	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.92	253.9	Lg	08:59:17.017	-3.4					T__				---		223455	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MEZ	1.12	82.8	Pg	08:59:08.398	-0.0					T__				---		223458	FDSN	UA	--	BUD	iLoc	BHZ	???	_	
PSZ	1.39	251.0	Pn	08:59:14.898	1.3					T__		41.5		---	ML	1.9	223450	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
DRGR	1.70	159.6	Pn	08:59:14.160	-3.7					T__		50.9		---	ML	2.2	223451	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.70	159.6	Sn	08:59:38.192	-2.1					T__				---		223448	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/24	10:00:47.18	1.06	0.56	48.1340	16.9701	10.5	4.9	141	0.0f		7	5	171	0.11	1.00	sx	BUD	18002674	BUD			200

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZST	0.11	54.9	Pg	10:00:50.304	0.3					T__				---		223489	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.11	54.9	Lg	10:00:52.696	0.3					T__				---		223490	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.32	40.5	Pg	10:00:53.956	-0.1					T__				---		223487	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.32	40.5	Lg	10:00:58.922	-0.7					T__				---		223488	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.63	226.5	Lg	10:01:07.507	-0.7					T__				---		223491	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.77	254.9	Lg	10:01:12.951	0.3					T__				---		223493	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.00	337.9	Lg	10:01:21.390	0.1					T__				---		223492	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/24	20:04:14.98	0.95	0.58	47.7009	16.1256	5.4	4.8	23	10.8		7.2	9	5	131	0.12	1.37	ke	BUD	18002678	BUD			231

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	90.5	Pg	20:04:18.203	-0.0					T__						223594	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.12	90.5	Lg	20:04:20.186	-0.4					T__						223595	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.29	322.1	Pg	20:04:20.949	-0.3					T__		32.7		---	ML	0.6	223597	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	322.1	Lg	20:04:24.864	-0.6					T__						223601	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.29	322.1	Sg	20:04:26.491	1.0					T__						223596	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.6 magdef=1																					
				(Station ML: 0.6 magdef=1																					
ARSA	0.61	222.4	Pg	20:04:26.745	-0.2					T__		26.1		---	ML	1.3	223598	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.61	222.4	Lg	20:04:34.677	-0.0					T__						223599	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=1																					
MODS	1.03	48.5	Sn	20:04:49.678	-0.1					T__						223602	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.37	7.4	Sn	20:04:58.500	0.2					T__						223600	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/25	06:08:35.52	0.75	1.38	47.7277	18.2472	5.1	3.6	90	8.4	5.4	14	9	82	0.10	1.32	ke	BUD	18002682	BUD			135

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	4 BUD	18002682

Sta	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	0.10	27.5	Pg	06:08:37.659	-0.5					T__		2184.6		---	ML	1.9	223652	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.10	27.5	Lg	06:08:39.978	-0.4					T__						223662	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1																					
				(Station ML: 1.9 magdef=1																					
HU09A	0.13	134.2	Pg	06:08:39.056	0.4					T__		277.8		---	ML	1.1	223654	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.13	134.2	Lg	06:08:41.850	0.4					T__						223663	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1																					
				(Station ML: 1.1 magdef=1																					
A338A	0.30	13.8	Pg	06:08:42.562	0.8					T__		162.3		---	ML	1.3	223653	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.30	13.8	Lg	06:08:47.930	1.1					T__						223659	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=1																					
HU08A	0.37	216.6	Lg	06:08:48.984	-0.2					T__						223664	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.86	27.0	Pn	06:08:54.296	0.3					T__		10.2		---	ML	1.0	223656	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.86	27.0	Lg	06:09:04.831	-0.6					T__						223665	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1																					
				(Station ML: 1.0 magdef=1																					
MODS	0.92	315.2	Pg	06:08:53.532	-0.4					T__						223657	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.92	315.2	Sn	06:09:06.350	-1.7					T__						223658	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	1.11	81.5	Sn	06:09:09.600	-3.1					T__						223660	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JAVC	1.20	341.4	Sn	06:09:16.177	1.2					T__						223655	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.32	269.5	Sn	06:09:19.377	1.4					T__						223661	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/25	07:18:46.79	0.95	0.90	47.8326	18.1941	7.2	4.5	42	10.0f	6	4	151		0.08	0.82	ke	BUD	18002684	BUD			249

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SR0	0.08	103.5	Pg	07:18:49.916	0.5					T__		1734.6		---	ML	1.8	223728	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.08	103.5	Lg	07:18:50.896	-0.8					T__				---		223730	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
CSKK	0.47	174.5	Lg	07:19:03.493	-0.8					T__				---		223731	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
MPLH	0.80	214.1	Lg	07:19:14.272	0.0					T__				---		223729	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MODS	0.82	311.7	Pg	07:19:03.706	0.4					T__				---		223733	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.82	311.7	Lg	07:19:14.785	-0.8					T__				---		223732	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
2022/06/25	16:32:23.50	2.97	0.60	46.1229	18.1697	122.6	3.1	152	0.2	5.6	6	3	199	0.06	0.34	ke	BUD	18002686	BUD			355

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ML	0.8	0.5	3	BUD												18002686									
KOVH	0.06	234.5	Pg	16:32:25.504	0.2					T__		239.1		_c	ML	0.8	223753	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	234.5	Lg	16:32:26.381	-0.7					T__				---		223754	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
A273A	0.32	230.1	Pg	16:32:30.296	-0.1					T__		147.0		---	ML	1.4	223755	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.32	230.1	Lg	16:32:35.415	0.4					T__				---		223758	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.34	74.2	Pg	16:32:30.677	-0.1					T__		19.0		---	ML	0.5	223756	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.34	74.2	Lg	16:32:36.779	0.3					T__				---		223757	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/26	04:45:21.66	3.08	0.75	46.0074	18.1487	23.9	6.0	16	5.0f		5	3	278	0.09	0.52	ke	BUD	18002690	BUD			328

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ML	0.7	0.1	3	BUD												18002690									
KOVH	0.09	337.2	Pg	04:45:24.135	0.2					T__		135.9		---	ML	0.7	223837	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.09	337.2	Lg	04:45:25.050	-0.7					T__				---		223838	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
MORH	0.40	58.7	Pg	04:45:30.033	0.2					T__		21.0		---	ML	0.7	223840	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.40	58.7	Lg	04:45:35.449	-0.5					T__				---		223839	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
A266A	0.52	8.8	Pg	04:45:32.805	0.5					T__		140.2		---	ML	1.9	223841	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/26	20:34:07.56	1.56	1.37	45.8733	16.0889	11.0	4.9	116	3.5	22.8	8	4	226	0.08	0.59	ke	BUD	18002694	BUD			305

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.4	4 BUD	18002694

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ZAG	0.08	237.0	Pg	20:34:09.644	0.1					T__		925.2		___	ML	1.5	223947	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	237.0	Lg	20:34:10.661	-0.3					T__				---		223948	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PTJ	0.09	291.8	Pg	20:34:10.050	0.1					T__		166.4		_d	ML	0.8	223950	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.09	291.8	Lg	20:34:11.423	-0.5					T__				---		223949	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CRES	0.44	264.1	Pg	20:34:16.330	0.1					T__		23.4		---	ML	0.9	223951	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.44	264.1	Lg	20:34:22.559	-0.2					T__				---		223954	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KOGS	0.59	11.0	Pg	20:34:18.135	-1.0					T__		38.6		---	ML	1.4	223952	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.59	11.0	Lg	20:34:29.247	2.5					T__				---		223953	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/27	06:06:11.30	1.14	0.96	48.3041	21.4737	8.9	6.1	7	0.0f		13	10	98	0.16	1.73	sx	BUD	18002696	BUD			145

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	18002696

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.16	267.1	Pg	06:06:15.045	0.1					T__		385.9		___	ML	1.3	224012	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.16	267.1	Lg	06:06:18.918	0.8					T__				---		224018	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
JOS	0.65	287.5	Pg	06:06:24.755	0.4					T__		32.3		---	ML	1.4	224019	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	287.5	Lg	06:06:33.804	-0.4					T__				---		224020	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.66	254.3	Pg	06:06:24.230	-0.8					T__		36.4		---	ML	1.4	224014	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.66	254.3	Lg	06:06:34.978	-0.5					T__				---		224022	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.68	285.6	Lg	06:06:34.765	-0.5					T__				---		224013	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.73	103.3	Lg	06:06:36.737	-1.4					T__				---		224015	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.82	39.8	Lg	06:06:39.231	-1.2					T__				---		224021	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.13	250.5	Sn	06:06:50.030	-0.6					T__				---		224016	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.16	249.0	Sn	06:06:51.052	-0.2					T__				---		224017	FDSN	HU	--	BUD	iLoc	HHE	???	_	
NIE	1.36	325.6	Sn	06:06:56.500	0.2					T__				---		224023	FDSN	PL	--	BUD	iLoc	BHN	???	_	

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DRGR 1.73 150.6 Sn 06:07:07.272 1.8 T__ --- 224024 FDSN RO -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/27 07:55:07.00 0.69 0.59 47.8151 19.1191 10.6 3.7 9 0.0A 0.0 8 5 211 0.07 1.17 m kx BUD 18002698 BUD 360
2022/06/27 07:55:05.68 0.94 0.64 47.8327 19.1394f 0.0f 8 5 194 0.08 1.15 kx BUD_GT 18002699 BUD_GT 258
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 18002699

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.08 278.8 Pg 07:55:08.601 0.7 T__ 698.8 --- ML 1.4 224068 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.08 278.8 Lg 07:55:09.157 -0.7 T__ --- 224065 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.50 84.3 Lg 07:55:23.576 -0.5 T__ 224066 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.52 80.1 Pg 07:55:16.965 0.0 T__ 39.8 --- ML 1.3 224069 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.52 80.1 Lg 07:55:24.605 -0.6 T__ --- 224063 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VYHS 0.69 343.1 Lg 07:55:29.648 -0.5 T__ 224070 FDSN SK -- BUD iLoc HHN ??? _
JOS 1.15 54.2 Pn 07:55:27.609 -0.3 T__ 24.1 --- ML 1.5 224064 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.15 54.2 Sn 07:55:44.517 -0.9 T__ --- 224067 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/27 08:11:59.93 3.18 0.31 48.5034 20.6912 19.0 6.1 51 0.0f 9 5 290 0.10 0.83 sx BUD 18002700 BUD 315

Magnitude Err Nsta Author OrigID
ML 1.0 0.3 4 BUD 18002700

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.10 265.8 Pg 08:12:02.207 0.0 T__ 123.0 --- ML 0.7 224120 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.10 265.8 Lg 08:12:04.310 0.2 T__ --- 224126 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
KECS 0.14 261.7 Pg 08:12:02.739 -0.2 T__ 296.4 --- ML 1.2 224121 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.14 261.7 Lg 08:12:05.695 0.3 T__ --- 224127 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.40 196.3 Pg 08:12:08.702 0.3 T__ 27.2 --- ML 0.8 224122 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.40 196.3 Lg 08:12:14.524 -0.5 T__ --- 224128 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
PSZ 0.79 222.6 Lg 08:12:28.786 0.1 T__ 224123 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.83 221.6 Pg 08:12:17.200 -0.2 T__ 19.3 --- ML 1.2 224125 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.83 221.6 Lg 08:12:29.470 -0.1 T__ --- 224124 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1

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(Station ML: 1.2 magdef=1)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/27	13:20:58.95	0.82	0.99	46.1236	17.0019	5.5	3.8	20	13.5	0.4	22	13	143	0.20	1.14	ke	BUD	18002702	BUD			161

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.4	11 BUD	18002702

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A264A	0.20	79.7	Pg	13:21:02.884	-0.9					T__		738.7		___	ML	1.7	224275	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.20	79.7	Lg	13:21:06.792	-0.4					T__				---		224274	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
BEHE	0.38	335.7	Pg	13:21:06.409	-0.5					T__		637.8		_c_	ML	2.2	224270	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.38	335.7	Lg	13:21:12.673	0.2					T__				---		224283	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
A263A	0.56	22.6	Pg	13:21:11.083	0.9					T__		607.7		---	ML	2.6	224272	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.56	22.6	Lg	13:21:17.967	-0.0					T__				---		224273	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
A273A	0.60	109.8	Pg	13:21:11.828	0.8					T__		372.2		---	ML	2.4	224280	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.60	109.8	Lg	13:21:19.935	1.0					T__				---		224281	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
KOGS	0.61	302.2	Pg	13:21:11.868	0.9					T__		147.2		---	ML	2.0	224271	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.61	302.2	Lg	13:21:19.008	-0.3					T__				---		224284	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A265A	0.63	61.0	Pg	13:21:11.859	0.4					T__		815.6		---	ML	2.8	224278	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
PTJ	0.75	253.6	Lg	13:21:23.015	-1.7					T__				---		224282	FDSN	CR	--	BUD	iLoc	BHN	???	_	
BADH	0.76	25.3	Pg	13:21:13.721	-0.1					T__		365.3		---	ML	2.5	224277	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.76	25.3	Lg	13:21:24.677	0.4					T__				---		224276	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
KOVH	0.76	92.3	Pg	13:21:12.854	-1.2					T__		298.6		---	ML	2.4	224279	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A261A	0.83	6.9	Lg	13:21:27.553	1.0					T__				---		224285	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	1.11	19.3	Pg	13:21:19.994	-0.5					T__		52.2		---	ML	1.8	224288	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.11	19.3	Lg	13:21:35.368	-0.8					T__				---		224289	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CRES	1.12	255.1	Pn	13:21:20.542	0.3					T__		47.4		---	ML	1.8	224287	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.12	255.1	Lg	13:21:35.076	-0.4					T__				---		224286	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MORH	1.14	84.8	Pg	13:21:18.533	-2.4					T__		57.9		---	ML	1.9	224291	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.14	84.8	Sn	13:21:36.792	0.7					T__				---		224290	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

(Station ML: 1.9 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/27	16:28:11.79	0.95	0.86	48.9307	22.1905	8.3	3.6	170	0.0f		12	7	155	0.05	1.37	sx	BUD	18002704	BUD			231

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	18002704

Sta	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	0.05	87.3	Pg	16:28:13.384	0.2					T__						224365	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.05	87.3	Lg	16:28:14.310	-0.3					T__						224369	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	0.83	163.7	Pg	16:28:29.068	1.1					T__		61.8			ML	1.8	224363	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.83	163.7	Lg	16:28:41.119	-0.5					T__						224364	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
ABAH	0.90	225.2	Pg	16:28:29.860	0.4					T__		38.8			ML	1.6	224371	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.90	225.2	Lg	16:28:42.506	-1.0					T__						224370	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
JOS	1.18	248.9	Pg	16:28:34.783	-0.2					T__		22.8			ML	1.5	224366	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.18	248.9	Lg	16:28:50.674	-1.2					T__						224372	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	1.21	249.0	Sn	16:28:52.428	-0.8					T__						224373	FDSN	SK	--	BUD	iLoc	EHE	???	_	
NIE	1.33	292.2	Pg	16:28:37.541	0.6					T__		15.2			ML	1.4	224368	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.33	292.2	Lg	16:28:56.859	1.0					T__						224367	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU02A	1.37	234.5	Sn	16:28:56.482	-0.6					T__						224374	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/28	01:29:24.53	0.92	0.46	47.6864	20.3085	5.5	4.6	106	5.6	8.8	12	8	101	0.06	1.69	ke	BUD	18002706	BUD				174

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.1	6 BUD	18002706

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU23A	0.06	220.0	Pg	01:29:26.146	-0.3					T__		221.7			ML	0.8	224415	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.06	220.0	Lg	01:29:28.634	0.7					T__						224416	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
ET1H	0.35	303.3	Pg	01:29:32.174	0.1					T__		15.7			ML	0.5	224411	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.35	303.3	Lg	01:29:37.707	0.1					T__						224412	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=0																									
PSZ	0.36	309.9	Pg	01:29:32.650	0.1					T__		22.5			ML	0.7	224410	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																									
HU02A	0.46	18.4	Pg	01:29:33.772	-0.4					T__		19.3			ML	0.9	224408	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	18.4	Lg	01:29:41.348	-0.2					T__						224409	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
JOS 0.82 10.7 Lg 01:29:53.203 0.2 T__ --- 224417 FDSN ZJ -- BUD iLoc HHN ??? _
ABAH 0.87 45.4 Pg 01:29:41.854 0.3 T__ 31.8 --- ML 1.5 224413 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.87 45.4 Lg 01:29:55.347 0.4 T__ --- 224414 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU10A 0.88 280.8 Pg 01:29:41.697 -0.8 T__ 56.0 --- ML 1.7 224418 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
SIRR 1.69 146.4 Sn 01:30:16.904 0.2 T__ --- 224419 FDSN RO -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/28 05:42:31.57 1.62 0.98 47.3452 17.5997 17.6 3.6 128 0.0f 9 6 212 0.18 1.08 sx BUD 18002708 BUD 318

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 3 BUD 18002708

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Sta 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 0.18 193.2 Pg 05:42:35.967 0.2 T__ 439.3 --- ML 1.4 224450 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.18 193.2 Lg 05:42:38.921 -0.4 T__ --- 224452 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.24 68.5 Pg 05:42:37.396 0.5 T__ 452.5 --- ML 1.6 224451 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.24 68.5 Lg 05:42:39.783 -1.6 T__ --- 224458 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CSKK 0.45 87.5 Lg 05:42:48.598 -0.2 T__ --- 224453 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.61 60.8 Lg 05:42:53.739 -0.5 T__ --- 224454 FDSN ZJ 00 BUD iLoc HHN ??? _
SR0 0.67 45.6 Lg 05:42:55.395 -1.2 T__ --- 224455 FDSN SK -- BUD iLoc EHN ??? _
HU10A 1.08 62.0 Pg 05:42:54.332 0.5 T__ 70.5 --- ML 2.0 224457 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 1.08 62.0 Sn 05:43:10.596 0.9 T__ --- 224456 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/28 06:36:31.27 1.36 1.25 47.3858 18.3652 9.6 5.9 123 0.0f 7 6 167 0.07 1.31 sx BUD 18002712 BUD 251

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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 0.07 252.4 Pg 06:36:33.236 -0.2 T__ 1121.3 --- ML 1.6 224625 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 252.4 Lg 06:36:34.986 -0.6 T__ --- 224626 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU09A 0.25 2.6 Lg 06:36:41.732 0.1 T__ --- 224628 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.30 278.8 Lg 06:36:43.548 0.2 T__ --- 224627 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.60 249.3 Lg 06:36:53.630 0.7 T__ --- 224629 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.19 170.6 Sn 06:37:10.582 -1.3 T__ --- 224630 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.31 188.1 Sn 06:37:16.851 1.8 T__ --- 224631 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
2022/06/28	06:46:55.99	0.71	1.00	47.2864	17.7175	4.4	3.0	147	0.0f		17	12	70	0.17	1.25	sx	BUD	18002714	BUD			126

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	18002714

Sta	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	226.3	Pg	06:46:58.900	-1.1					T__		397.0		___	ML	1.4	224662	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.17	226.3	Lg	06:47:03.006	-0.3					T__				---		224666	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
HU08A	0.20	44.0	Pg	06:47:00.496	-0.1					T__		567.5		___	ML	1.6	224665	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.20	44.0	Lg	06:47:02.316	-2.3					T__				---		224668	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
EGYH	0.29	296.6	Pg	06:47:02.825	0.4					T__		1030.8		___	ML	2.1	224663	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.29	296.6	Lg	06:47:07.255	-0.2					T__				---		224664	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=0)																					
CSKK	0.38	78.1	Lg	06:47:11.745	1.0					T__				---		224669	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU09A	0.57	51.8	Lg	06:47:16.611	-0.9					T__				---		224670	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
SRO	0.66	37.2	Lg	06:47:20.013	-0.7					T__				---		224667	FDSN	SK	--	BUD	iLoc	EHE	???	_	
A338A	0.85	30.3	Lg	06:47:26.277	-0.9					T__				---		224678	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
SOP	0.88	297.2	Lg	06:47:26.130	0.6					T__				---		224671	FDSN	HU	--	BUD	iLoc	HNN	???	_	
RONA	1.05	293.7	Lg	06:47:30.189	-0.5					T__				---		224672	FDSN	OE	--	BUD	iLoc	HNN	???	_	
MODS	1.13	344.9	Sn	06:47:34.609	-0.7					T__				---		224673	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KOVH	1.23	167.5	Pn	06:47:21.254	0.9					T__		30.7		___	ML	1.7	224675	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.23	167.5	Sn	06:47:38.813	1.2					T__				---		224674	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
MORH	1.25	149.0	Pn	06:47:21.409	0.8					T__		25.9		___	ML	1.6	224677	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.25	149.0	Sn	06:47:38.887	0.8					T__				---		224676	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/28	07:29:46.94	0.91	0.69	47.0524	18.0442	5.8	3.1	108	0.0f		12	8	128	0.18	0.99	sx	BUD	18002716	BUD			152

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	18002716

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.18	214.2	Pg	07:29:51.544	0.3					T__		409.3		___	ML	1.4	224714	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.18	214.2	Lg	07:29:54.436	-0.3					T__				---		224713	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
CSKK	0.34	25.3	Pg	07:29:54.538	0.2					T__		217.7		___	ML	1.6	224718	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.34	25.3	Lg	07:30:00.080	-0.6					T__				---		224717	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.6 magdef=1)																					

```

(Station ML: 1.6 magdef=1
MPLH 0.36 289.1 Pg 07:29:55.064 0.3 T__ 158.2 ___ ML 1.5 224711 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.36 289.1 Lg 07:30:00.060 -0.8 T__ ___ 224712 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU08A 0.39 347.8 Pg 07:29:56.419 1.2 T__ 82.8 ___ ML 1.3 224716 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.39 347.8 Lg 07:30:01.072 -0.9 T__ ___ 224715 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SRO 0.78 13.4 Lg 07:30:15.199 -0.7 T__ ___ 224719 FDSN SK -- BUD iLoc EHN ??? _
MORH 0.93 153.5 Lg 07:30:19.333 -0.0 T__ ___ 224720 FDSN HU -- BUD iLoc HHN ??? _
KOVH 0.97 177.7 Lg 07:30:20.413 -0.3 T__ ___ 224721 FDSN HU -- BUD iLoc HHN ??? _
A338A 0.99 12.1 Sn 07:30:22.322 -0.4 T__ ___ 224722 FDSN Z3 00 BUD iLoc HH2 ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/28	08:32:44.64	1.07	0.45	48.8215	20.2746	16.2	3.7	80	0.0f		8	5	165	0.37	0.94	sx	BUD	18002718	BUD			315

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	18002718

Sta	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	157.5	Pg	08:32:52.100	0.0					T__		112.0			ML	1.4	224749	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.37	157.5	Lg	08:32:57.653	-0.1					T__						224750	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
JOS	0.37	151.6	Pg	08:32:52.262	0.2					T__		70.9			ML	1.2	224748	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.37	151.6	Lg	08:32:57.886	0.1					T__						224754	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
NIE	0.60	1.6	Pg	08:32:56.283	0.3					T__		14.5			ML	1.0	224753	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	0.60	1.6	Lg	08:33:03.727	-0.8					T__						224752	FDSN	PL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										
HU02A	0.72	166.5	Lg	08:33:10.221	-0.5					T__						224755	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.94	195.8	Lg	08:33:18.287	-0.0					T__						224751	FDSN	GE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/28	08:40:25.68	0.84	0.93	48.7621	19.4123	4.2	3.6	154	0.0f		17	11	75	0.47	1.59	sx	BUD	18002720	BUD			138

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	18002720

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
VYHS	0.47	235.2	Pg	08:40:35.441	0.2					T__		16.6			ML	0.8	224800	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.47	235.2	Lg	08:40:42.441	0.3					T__						224802	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=0)																										
KECS	0.76	111.0	Pg	08:40:42.076	1.2					T__		83.3			ML	1.8	224797	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.76	111.0	Lg	08:40:51.463	-0.8					T__						224796	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.8 magdef=1)																										

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(Station ML: 1.8 magdef=0
JOS 0.79 109.2 Pg 08:40:43.371 2.0 T__ 35.4 ___ ML 1.5 224798 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.79 109.2 Lg 08:40:52.596 -0.7 T__ ___ 224799 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.87 171.6 Lg 08:40:56.844 0.4 T__ ___ 224794 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 0.88 41.3 Pg 08:40:42.104 -0.2 T__ ___ ML 1.3 224804 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.88 41.3 Lg 08:40:54.808 0.0 T__ ___ 224803 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.90 159.0 Pg 08:40:44.180 -0.5 T__ 64.5 ___ ML 1.8 224791 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.90 159.0 Lg 08:40:57.855 -0.3 T__ ___ 224792 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.94 160.7 Pg 08:40:45.839 0.6 T__ 33.3 ___ ML 1.5 224793 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.94 160.7 Lg 08:40:57.370 -1.5 T__ ___ 224805 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.98 130.4 Lg 08:40:58.503 -1.5 T__ ___ 224795 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 1.30 110.3 Sn 08:41:08.779 -0.4 T__ ___ 224801 FDSN HU -- BUD iLoc HHN ??? _
OJC 1.48 9.6 Sn 08:41:13.624 -0.0 T__ ___ 224806 FDSN PL -- BUD iLoc BHN ??? _
MORC 1.59 310.4 Lg 08:41:16.944 -0.2 T__ ___ 224807 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/28 08:42:15.58 1.43 0.81 48.5331 20.7833 10.0 3.8 10 0.0f 13 7 230 0.17 1.01 sx BUD 18002722 BUD 305

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 6 BUD 18002722

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 257.1 Pg 08:42:19.338 0.2 T__ 315.1 ___ ML 1.3 224845 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 257.1 Lg 08:42:22.203 0.3 T__ ___ 224851 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.20 256.0 Pg 08:42:20.067 0.2 T__ 1005.7 ___ ML 1.9 224853 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 256.0 Lg 08:42:23.525 0.3 T__ ___ 224852 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
ABAH 0.39 127.8 Pg 08:42:23.932 0.4 T__ 47.6 ___ ML 1.0 224854 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 127.8 Lg 08:42:29.813 -0.5 T__ ___ 224846 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.45 202.8 Pg 08:42:25.745 0.7 T__ 31.4 ___ ML 1.0 224847 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 202.8 Lg 08:42:31.661 -0.7 T__ ___ 224855 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
PSZ 0.86 224.3 Pg 08:42:34.593 1.0 T__ 29.2 ___ ML 1.4 224848 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.86 224.3 Lg 08:42:46.305 -0.2 T__ ___ 224856 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.89 223.3 Pg 08:42:34.694 0.4 T__ 20.9 ___ ML 1.3 224849 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.89 223.3 Lg 08:42:47.711 0.3 T__ ___ 224850 FDSN HU -- BUD iLoc HHN ??? _

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(Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 HU03A 1.01 231.9 Sn 08:42:49.966 -2.0 T\_\_ --- 224857 FDSN ZJ 00 BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/06/28 09:23:04.20 1.33 1.25 48.4321 17.4971 11.2 3.4 122 0.0f 11 6 213 0.16 1.21 sx BUD 18002724 BUD 276

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 3 BUD 18002724

Sta	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	0.16	248.3	Pg	09:23:07.950	-0.0					T__						224924	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.16	248.3	Lg	09:23:09.932	-1.3					T__						224925	FDSN	SK	--	BUD	iLoc	HHE	???	_
ZST	0.35	228.3	Pg	09:23:11.821	0.1					T__						224926	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.35	228.3	Lg	09:23:17.148	-0.4					T__						224927	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.44	15.0	Pg	09:23:14.008	0.4					T__	100.7					224928	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.44	15.0	Lg	09:23:19.525	-1.4					T__						224929	FDSN	CZ	--	BUD	iLoc	HHN	???	_

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

KRUC	0.96	311.2	Pg	09:23:23.482	0.8					T__	25.7					224931	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.96	311.2	Lg	09:23:36.548	-0.3					T__						224930	FDSN	CZ	--	BUD	iLoc	HHN	???	_

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

RONA	1.09	228.1	Lg	09:23:41.227	1.3					T__						224923	FDSN	OE	--	BUD	iLoc	HHE	???	_
CONA	1.21	245.9	Pg	09:23:26.176	-1.8					T__	32.1					224922	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.21	245.9	Lg	09:23:45.313	1.8					T__						224921	FDSN	OE	--	BUD	iLoc	HHN	???	_

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/06/28 09:38:42.82 1.43 0.90 48.6517 21.3911 8.9 7.0 4 0.0f 10 7 168 0.37 1.28 sx BUD 18002726 BUD 300

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 3 BUD 18002726

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
ABAH	0.37	195.9	Pg	09:38:50.370	-0.1					T__	137.9					224958	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	195.9	Lg	09:38:56.439	-0.5					T__						224959	FDSN	HU	--	BUD	iLoc	HHE	???	_

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

JOS	0.59	254.9	Pg	09:38:53.931	-0.6					T__	24.7					224960	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.59	254.9	Lg	09:39:03.762	0.4					T__						224961	FDSN	ZJ	--	BUD	iLoc	HHN	???	_

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1

KECS	0.62	254.7	Lg	09:39:05.577	0.9					T__						224964	FDSN	SK	--	BUD	iLoc	EHN	???	_
KOLS	0.65	63.9	Lg	09:39:06.057	0.2					T__						224963	FDSN	SK	--	BUD	iLoc	HHE	???	_
HU02A	0.78	227.8	Pg	09:38:59.696	0.7					T__	22.7					224965	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	227.8	Lg	09:39:09.825	-1.3					T__						224962	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

(Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1

PSZ	1.24	234.3	Sn	09:39:24.400	-0.5	T__									224966	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.28	233.3	Sn	09:39:27.004	1.3	T__									224967	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
2022/06/28	09:42:38.78	0.81	1.08	48.4047	19.1404	5.6	3.2	15	0.0f		14	8	102	0.22	1.27	sx	BUD	18002728	BUD			173

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	7 BUD	18002728

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.22	293.9	Pg	09:42:43.415	-0.1					T__		79.5			ML	0.8	225007	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	293.9	Lg	09:42:46.712	-0.4					T__						225006	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
PSZ	0.70	133.7	Pg	09:42:54.089	0.4					T__		29.4			ML	1.4	225004	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.70	133.7	Lg	09:43:04.447	-0.0					T__						225005	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.72	136.8	Pg	09:42:55.002	1.1					T__		19.1			ML	1.2	225008	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
SRO	0.81	223.4	Lg	09:43:07.143	-1.1					T__						225011	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KECS	0.90	84.5	Pg	09:42:56.682	0.0					T__		95.8			ML	2.0	225009	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.90	84.5	Lg	09:43:08.496	-1.6					T__						225012	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
JOS	0.94	83.9	Pg	09:42:56.965	-0.4					T__		28.6			ML	1.5	225001	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.94	83.9	Lg	09:43:10.276	-1.0					T__						225013	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.97	106.5	Pg	09:42:58.624	-0.0					T__		27.0			ML	1.5	225003	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.97	106.5	Lg	09:43:11.166	-2.2					T__						225002	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	1.27	36.6	Pn	09:43:05.023	1.2					T__		11.2			ML	1.3	225010	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.27	36.6	Lg	09:43:21.611	0.5					T__						225014	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/29	01:49:56.47	4.01	0.80	47.9379	20.5928	30.5	5.9	128	10.0f		6	4	271	0.19	0.56	ke	BUD	18002734	BUD			349

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.19	346.2	Pg	01:50:00.917	-0.2					T__		35.2			_c_ ML	0.4	225211	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.19	346.2	Lg	01:50:03.971	-0.8					T__						225215	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
PSZ	0.47	267.9	Pg	01:50:06.783	0.1					T__		20.4			ML	0.9	225214	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ 0.47 267.9 Lg 01:50:13.982 -0.1 T\_\_ --- 225216 FDSN GE -- BUD iLoc HHE ??? \_  
 (Reading ML: 0.9 magdef=1  
 (Station ML: 0.9 magdef=1  
 KECS 0.55 352.6 Lg 01:50:16.629 1.0 T\_\_ --- 225212 FDSN SK -- BUD iLoc EHE ??? \_  
 JOS 0.56 356.4 Lg 01:50:16.497 0.6 T\_\_ --- 225213 FDSN ZJ -- BUD iLoc HHE ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/29	06:16:35.85	1.52	1.20	46.1202	22.9432	10.8	6.4	61	0.0f		9	6	152	0.24	1.05	sx	BUD	18002736	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	18002736

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.24	186.7	Pg	06:16:40.782	0.4					T__		965.4		---	ML	1.9	225239	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.24	186.7	Lg	06:16:43.749	-0.0					T__				---		225244	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
DRGR	0.69	346.6	Lg	06:17:00.307	-0.7					T__				---		225246	FDSN	RO	--	BUD	iLoc	HHE	???	_	
GZR	0.74	189.2	Pg	06:16:50.258	0.3					T__		75.8		---	ML	1.8	225240	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.74	189.2	Lg	06:16:59.653	-0.7					T__				---		225245	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
LOT	0.89	139.0	Lg	06:17:04.254	-1.6					T__				---		225247	FDSN	RO	--	BUD	iLoc	HNN	???	_	
SIRR	0.90	279.8	Lg	06:17:06.865	-0.3					T__				---		225243	FDSN	RO	--	BUD	iLoc	HNN	???	_	
BZS	1.05	242.0	Pg	06:16:57.261	0.9					T__		30.5		---	ML	1.6	225241	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.05	242.0	Lg	06:17:09.147	-2.0					T__				---		225242	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/29	07:58:08.38	0.29	1.32	46.9397	17.2966	3.2	3.0	147	0.0A	0.0	16	11	107	0.12	1.18	m	kx	BUD	18002738	BUD			360
2022/06/29	07:58:06.06	0.87	1.93	46.8548	17.2699f				0.0f		16	11	79	0.13	1.14		kx	BUD_GT	18002739	BUD_GT			149

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.0	5 BUD	18002739

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.13	319.5	Pg	07:58:09.640	0.3					T__		10927.4		---	ML	2.7	225329	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	319.5	Lg	07:58:11.503	-0.5					T__				---		225330	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0																									
BADH	0.15	109.5	Lg	07:58:12.051	-0.5					T__				---		225337	FDSN	HU	--	BUD	iLoc	HNN	???	_	
A263A	0.22	171.8	Pg	07:58:12.871	1.9					T__		2320.4		---	ML	2.3	225338	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.22	171.8	Lg	07:58:17.837	3.1					T__				---		225342	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
MPLH	0.37	30.2	Pg	07:58:12.562	-1.4					T__		950.9		---	ML	2.3	225331	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	07:58:15.693	-4.4					T__				---		225336	FDSN	HU	--	BUD	iLoc	HNN	???	_	

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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
TIH 0.43 83.7 Lg 07:58:21.353 -0.6 T__ --- 225328 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.73 37.5 Lg 07:58:31.143 -1.6 T__ --- 225343 FDSN ZJ 00 BUD iLoc HHN ??? _
A266A 0.76 115.3 Sn 07:58:37.215 1.5 T__ --- 225332 FDSN ZJ 00 BUD iLoc HHE ??? _
KOGS 0.81 240.3 Sn 07:58:39.051 2.2 T__ --- 225335 FDSN SL -- BUD iLoc BHN ??? _
CSKK 0.85 52.7 Lg 07:58:34.582 -2.6 T__ --- 225339 FDSN HU -- BUD iLoc HHN ??? _
KOVH 0.96 142.9 Pn 07:58:27.197 1.6 T__ --- 51.5 ML 1.7 225340 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.96 142.9 Sn 07:58:40.723 0.3 T__ --- 225333 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 1.14 123.5 Pg 07:58:30.069 1.2 T__ --- 30.1 ML 1.6 225341 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.14 123.5 Lg 07:58:46.090 0.6 T__ --- 225334 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/29 08:17:33.89 1.20 0.37 47.9302 20.4065 17.0 3.7 140 0.0A 0.0 9 5 239 0.21 0.57 m kx BUD 18002740 BUD 360
2022/06/29 08:17:33.04 0.94 0.95 47.9590 20.3545f 0.0f 9 5 221 0.20 0.55 kx BUD_GT 18002741 BUD_GT 243
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 4 BUD 18002741

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.20 35.0 Pg 08:17:37.705 0.0 T__ 318.8 --- ML 1.4 225397 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.20 35.0 Lg 08:17:40.150 -1.4 T__ --- 225403 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.31 262.7 Pg 08:17:41.496 1.3 T__ 76.3 --- ML 1.0 225400 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.31 262.7 Lg 08:17:44.339 -1.2 T__ --- 225404 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ET1H 0.33 256.4 Lg 08:17:44.883 -1.0 T__ --- 225405 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.53 9.4 Pg 08:17:44.451 0.6 T__ 77.4 --- ML 1.7 225399 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.53 9.4 Lg 08:17:51.872 -0.2 T__ --- 225401 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.55 12.9 Pg 08:17:44.598 0.4 T__ 39.7 --- ML 1.4 225398 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 12.9 Lg 08:17:52.065 -0.6 T__ --- 225402 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/06/29 08:22:17.94 1.46 0.69 48.5187 20.7832 12.0 3.7 12 0.0f 9 6 223 0.16 0.88 sx BUD 18002742 BUD 301

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Magnitude Err Nsta Author OrigID
ML 1.2 0.2 3 BUD 18002742

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	262.1	Pg	08:22:21.655	0.2					T__		170.4		---	ML	1.0	225452	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	262.1	Lg	08:22:24.171	-0.0					T__				---		225454	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.20	259.9	Pg	08:22:22.148	-0.0					T__		390.1		---	ML	1.5	225453	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.20	259.9	Lg	08:22:25.345	-0.2					T__				---		225455	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.38	126.0	Pg	08:22:26.049	0.3					T__		63.4		---	ML	1.2	225457	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	126.0	Lg	08:22:31.390	-1.0					T__				---		225456	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.43	203.6	Lg	08:22:34.677	0.4					T__				---		225458	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
PSZ	0.85	225.0	Lg	08:22:47.354	-1.2					T__				---		225459	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.88	224.0	Lg	08:22:49.819	0.4					T__				---		225460	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
2022/06/29	08:38:44.44	3.47	1.35	48.0412	16.1566	23.9	5.9	19	0.0f		6	4	276	0.23	0.90	sx	BUD	18002744	BUD			320

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.23	240.4	Pg	08:38:48.706	-0.5					T__		128.9		---	ML	1.0	225484	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.23	240.4	Lg	08:38:51.911	-0.6					T__				---		225481	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
RONA	0.35	164.6	Pg	08:38:51.737	0.0					T__				---		225482	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.35	164.6	Lg	08:38:56.494	-0.2					T__				---		225483	FDSN	OE	--	BUD	iLoc	HHE	???	_	
A018A	0.78	248.1	Lg	08:39:11.711	2.2					T__				---		225486	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.90	208.7	Lg	08:39:13.516	0.4					T__				---		225485	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/30	03:51:13.33	1.21	0.73	46.9339	22.8181	8.9	7.5	135	0.0f		10	7	120	0.16	1.63	sx	BUD	18002746	BUD			241

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	3 BUD	18002746

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.16	207.3	Pg	03:51:17.090	0.2					T__		252.7		---	ML	1.1	225619	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.16	207.3	Lg	03:51:18.606	-1.3					T__				---		225623	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CJR	0.58	112.1	Lg	03:51:32.884	-1.0					T__				---		225620	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	1.04	230.6	Pg	03:51:34.390	0.1					T__		15.5		---	ML	1.3	225625	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	1.04	230.6	Lg	03:51:49.071	0.0					T__				---		225624	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
TRPA	1.21	351.1	Sn	03:51:54.155	-0.5					T__				---		225626	FDSN	HU	--	BUD	iLoc	HHE	???	_	
GZR	1.54	181.1	Pn	03:51:42.744	0.6					T__		23.9		---	ML	1.7	225622	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_



GZR	1.54	181.1	Sn	03:52:02.684	-0.2	T__	---	225621	FDSN	RO	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.7 magdef=1)																
(Station ML: 1.7 magdef=1)																
BZS	1.56	212.7	Sn	03:52:03.172	-0.0	T__	---	225627	FDSN	RO	--	BUD	iLoc	HNN	???	_
LOT	1.63	155.7	Sn	03:52:05.585	0.5	T__	---	225628	FDSN	RO	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/30	07:22:55.29	0.72	0.83	47.3616	18.3864	4.9	3.8	141	0.0f	17	13	108	0.09	1.63	sx	BUD	18002748	BUD				109

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	18002748

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	271.1	Pg	07:22:57.443	-0.2					T__		2671.0		---	ML	2.0	225703	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	271.1	Lg	07:22:59.433	-0.6					T__				---		225704	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU09A	0.28	359.4	Lg	07:23:06.609	0.1					T__				---		225705	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU08A	0.32	282.7	Lg	07:23:08.635	0.7					T__				---		225713	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
A267A	0.42	171.0	Lg	07:23:11.999	0.8					T__				---		225714	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MPLH	0.61	251.9	Lg	07:23:17.382	0.3					T__				---		225706	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU10A	0.65	41.2	Lg	07:23:19.363	0.0					T__				---		225715	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
ET1H	1.13	62.2	Pn	07:23:18.149	-0.2					T__		24.5		---	ML	1.5	225710	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.13	62.2	Sn	07:23:34.729	0.1					T__				---		225709	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	1.16	171.2	Sn	07:23:33.998	-1.3					T__				---		225708	FDSN	HU	--	BUD	iLoc	HNN	???	_	
PSZ	1.16	60.8	Pn	07:23:18.807	-0.1					T__		47.2		---	ML	1.8	225711	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	60.8	Sn	07:23:34.656	-0.9					T__				---		225712	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
VYHS	1.17	14.8	Pn	07:23:19.099	0.1					T__		11.4		---	ML	1.2	225707	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	14.8	Sn	07:23:34.747	-1.0					T__				---		225716	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MODS	1.26	324.0	Sn	07:23:39.266	1.5					T__				---		225717	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KOVH	1.29	188.9	Sn	07:23:38.916	0.4					T__				---		225718	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU02A	1.63	61.4	Sn	07:23:48.631	1.6					T__				---		225719	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/06/30	08:21:02.34	2.03	0.82	48.5476	20.7940	14.2	6.5	14	0.0f	8	6	237	0.18	0.91	sx	BUD	18002750	BUD						309

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	253.1	Pg	08:21:05.715	-0.4					T__		118.7		---	ML	0.9	225744	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	253.1	Lg	08:21:09.759	0.7					T__				---		225745	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.21	252.7	Pg	08:21:06.438	-0.4					T__		183.9		---	ML	1.2	225747	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_

KECS	0.21	252.7	Lg	08:21:10.948	0.6					T__					225746	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.2 magdef=1)																							
(Station ML: 1.2 magdef=1)																							
ABAH	0.39	130.1	Lg	08:21:17.975	0.8					T__					225749	FDSN	HU	--	BUD	iLoc	HHN	???	_
HUO2A	0.46	203.0	Lg	08:21:18.959	-0.7					T__					225748	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.87	224.0	Lg	08:21:34.799	1.0					T__					225750	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.91	223.0	Lg	08:21:35.000	0.3					T__					225751	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
2022/06/30	08:28:50.00	0.90	1.00	48.4933	17.5153	5.1	3.9	161	0.0f		13	7	136	0.20	1.24	sx	BUD	18002752	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	5 BUD	18002752

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.20	233.0	Pg	08:28:54.010	-0.6					T__						225800	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	233.0	Lg	08:28:56.672	-1.7					T__						225807	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.38	15.6	Pg	08:28:57.571	-0.6					T__		88.2		---	ML	1.3	225801	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	15.6	Lg	08:29:03.457	-1.1					T__						225808	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VYHS	0.88	89.5	Pg	08:29:08.636	0.9					T__		15.9		---	ML	1.2	225804	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.88	89.5	Lg	08:29:20.005	-0.5					T__						225809	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KRUC	0.93	307.9	Pg	08:29:08.307	0.4					T__		30.3		---	ML	1.5	225802	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.93	307.9	Lg	08:29:21.910	0.2					T__						225810	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VRAC	1.02	323.6	Pg	08:29:10.183	0.9					T__		9.6		---	ML	1.0	225812	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.02	323.6	Lg	08:29:24.707	0.5					T__						225811	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
RONA	1.14	226.3	Pg	08:29:13.237	0.7					T__						225803	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
CONA	1.24	243.5	Pg	08:29:14.182	-0.3					T__		23.1		---	ML	1.6	225805	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.24	243.5	Lg	08:29:32.003	1.5					T__						225806	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/30	09:11:33.61	0.91	1.22	48.9708	21.2550	6.5	4.3	135	0.0f		14	9	91	0.67	1.57	sx	BUD	18002754	BUD			129

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	18002754

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.67	225.2	Pg	09:11:46.486	-0.4					T__		43.4		---	ML	1.5	225864	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	225.2	Lg	09:11:56.090	-0.9					T__						225867	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									

KOLS	0.67	92.8	Lg	09:11:56.293	-1.1	T__									225866	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.68	180.9	Pg	09:11:48.574	1.5	T__	61.2								1.7	225872	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.68	180.9	Lg	09:11:58.477	0.3	T__									225869	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KECS	0.71	226.5	Pg	09:11:47.060	-0.6	T__	101.0								1.9	225865	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.71	226.5	Lg	09:11:57.102	-1.1	T__									225868	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
NIE	0.77	305.9	Lg	09:12:00.993	1.8	T__									225873	FDSN	PL	--	BUD	iLoc	BHE	???	_	
HU02A	0.98	210.0	Pg	09:11:52.592	-1.0	T__	84.2								2.0	225874	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	210.0	Lg	09:12:06.799	-1.2	T__									225870	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KWP	1.16	54.6	Pg	09:11:54.784	-0.7	T__	68.0								2.0	225875	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_
KWP	1.16	54.6	Lg	09:12:11.222	-1.1	T__									225876	FDSN	PL	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=0)																								
PSZ	1.39	221.2	Sn	09:12:19.883	0.5	T__									225871	FDSN	GE	--	BUD	iLoc	HHN	???	_	
OJC	1.57	323.4	Sn	09:12:25.346	1.6	T__									225877	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
2022/06/30	10:00:23.78	0.93	0.97	48.1262	16.9872	8.8	3.5	133	0.0f		11	8	154	0.31	1.69	sx	BUD	18002756	BUD			189

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.31	38.0	Pg	10:00:30.366	-0.3					T__						225932	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.31	38.0	Lg	10:00:35.833	-0.3					T__						225933	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.63	227.7	Pg	10:00:35.468	-1.0					T__						225930	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.63	227.7	Lg	10:00:44.371	-0.5					T__						225934	FDSN	OE	--	BUD	iLoc	HHE	???	_
CONA	0.78	255.7	Pg	10:00:40.198	0.9					T__	31.0				1.4	225931	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.78	255.7	Lg	10:00:49.903	0.4					T__						225935	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
KRUC	1.02	337.5	Lg	10:00:57.480	-0.8					T__						225929	FDSN	CZ	--	BUD	iLoc	HHE	???	_
VRAC	1.21	347.7	Lg	10:01:03.850	-0.7					T__						225936	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VYHS	1.29	72.7	Sn	10:01:08.776	1.8					T__						225937	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	1.32	229.0	Sn	10:01:08.472	0.6					T__						225928	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORC	1.69	12.3	Sn	10:01:17.799	0.8					T__						225938	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/01	06:48:53.30	0.90	0.93	48.3397	18.4467	10.4	4.1	8	0.0f		12	8	157	0.30	1.41	sx	BUD	18002758	BUD			200

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 4 BUD 18002758

Sta	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	59.1	Pg	06:48:59.561	-0.1					T__		30.9				0.6	225970	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.30	59.1	Lg	06:49:03.642	-0.7					T__							225971	FDSN	SK	--	BUD	iLoc	HHN	???	_

```

(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
JAVC 0.73 315.6 Pg 06:49:08.547 0.2 T__ 36.4 ___ ML 1.5 225972 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.73 315.6 Lg 06:49:19.466 -0.4 T__ ___ 225973 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 0.78 272.9 Lg 06:49:20.589 -0.8 T__ ___ 225974 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.06 113.0 Pn 06:49:16.031 0.6 T__ ___ ML 1.5 225968 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.06 113.0 Sn 06:49:30.346 -0.6 T__ ___ 225967 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 1.06 115.2 Sn 06:49:29.397 -1.5 T__ ___ 225969 FDSN HU -- BUD iLoc HHN ??? _
KECS 1.37 83.2 Sn 06:49:37.504 -0.9 T__ ___ 225964 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.40 82.8 Pn 06:49:21.144 1.0 T__ ___ ML 1.7 225966 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.40 82.8 Sn 06:49:39.768 0.4 T__ ___ 225965 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 1.41 98.1 Sn 06:49:40.718 1.2 T__ ___ 225963 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/01 07:04:22.57 1.52 0.77 48.0595 20.6963 9.6 4.8 136 0.0f 9 6 195 0.13 0.58 sx BUD 18002760 BUD 265

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 18002760

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.13 298.7 Pg 07:04:25.772 -0.1 T__ 647.0 ___ ML 1.5 226001 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.13 298.7 Lg 07:04:28.393 -0.3 T__ ___ 226002 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.43 56.7 Lg 07:04:38.157 -1.0 T__ ___ 226005 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.45 341.7 Lg 07:04:38.480 -0.2 T__ ___ 226006 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.45 346.6 Pg 07:04:32.236 0.6 T__ ___ ML 1.2 226003 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.45 346.6 Lg 07:04:38.600 -0.1 T__ ___ 226007 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 255.6 Pg 07:04:35.587 0.9 T__ ___ ML 1.3 226004 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.56 255.6 Lg 07:04:42.808 -0.6 T__ ___ 226008 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ET1H 0.58 252.3 Lg 07:04:42.980 -0.9 T__ ___ 226009 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
2022/07/01 08:36:53.56 0.77 0.97 48.2232 18.7852 3.9 3.3 24 0.0f 18 13 82 0.27 1.35 sx BUD 18002762 BUD 125

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 5 BUD 18002762

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.27 7.1 Pg 08:37:00.009 0.7 T__ 208.1 ___ ML 1.4 226051 FDSN SK -- BUD iLoc HHZ HHZ _

```

VYHS	0.27	7.1	Lg	08:37:04.117	0.4	T__									226052	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
A338A	0.36	234.5	Lg	08:37:08.010	0.8	T__									226053	FDSN	Z3	00	BUD	iLoc	HH2	???	_
HU03A	0.63	120.0	Lg	08:37:15.984	-0.4	T__									226054	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.80	111.9	Pg	08:37:11.758	1.1	T__	48.8								226045	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.80	111.9	Lg	08:37:21.509	-1.3	T__									226055	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
ET1H	0.81	114.9	Pg	08:37:11.612	1.1	T__	26.1								226047	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.81	114.9	Lg	08:37:21.692	-0.8	T__									226046	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=0)																							
CSKK	0.93	202.5	Lg	08:37:25.871	-1.2	T__									226056	FDSN	HU	--	BUD	iLoc	HHN	???	_
JAVC	0.98	311.1	Pg	08:37:13.850	0.4	T__	102.0								226058	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.98	311.1	Lg	08:37:26.704	-1.7	T__									226057	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=0)																							
HU08A	0.98	216.5	Lg	08:37:28.215	-0.2	T__									226059	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MODS	1.02	279.1	Lg	08:37:29.302	-0.4	T__									226060	FDSN	SK	--	BUD	iLoc	HHN	???	_
KECS	1.16	76.4	Sn	08:37:32.720	-1.0	T__									226049	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	1.17	94.3	Sn	08:37:34.181	0.3	T__									226048	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	1.20	76.2	Pg	08:37:17.775	0.5	T__	41.7								226050	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.20	76.2	Sn	08:37:33.496	-1.1	T__									226061	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
MPLH	1.35	219.1	Sn	08:37:37.681	-0.6	T__									226062	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
2022/07/01	09:35:09.96	1.51	0.52	48.8597	20.6996	12.9	5.1	143	0.0f		12	7	235	0.38	1.13	sx	BUD	18002764	BUD			297

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	18002764

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.38	196.3	Pg	09:35:18.021	0.4					T__		80.9			ML	1.3	226123	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.38	196.3	Lg	09:35:23.725	0.3					T__						226130	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
KECS	0.40	200.7	Pg	09:35:18.104	0.0					T__	142.1				ML	1.6	226124	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.40	200.7	Lg	09:35:24.410	0.2					T__						226131	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
ABAH	0.67	147.3	Pg	09:35:23.289	0.0					T__	38.9				ML	1.5	226125	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.67	147.3	Lg	09:35:34.222	-0.1					T__						226132	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
HU02A	0.75	189.0	Lg	09:35:36.975	0.0					T__						226128	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KOLS	1.04	85.3	Pg	09:35:29.830	0.1					T__						226133	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
KOLS	1.04	85.3	Lg	09:35:45.948	0.4					T__						226129	FDSN	SK	--	BUD	iLoc	HHN	???	_		
PSZ	1.08	210.0	Pn	09:35:32.455	-0.0					T__	35.6					ML	1.7	226126	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.08	210.0	Sn	09:35:46.833	-1.4					T__							226134	FDSN	GE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 ET1H 1.13 209.7 Sn 09:35:49.181 0.0 T\_\_ --- 226127 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
2022/07/01	11:29:03.89	1.22	0.60	46.9133	22.3037	10.7	7.8	8	0.0f	7	5	157	0.30	1.71	sx	BUD	18002766	BUD				258

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DRGR	0.30	113.4	Pg	11:29:09.986	-0.3					T__		131.1		_c	ML	1.3	226198	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.30	113.4	Lg	11:29:15.660	0.2					T__				---		226199	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																										
SIRR	0.78	214.7	Lg	11:29:31.093	-0.7					T__				---		226200	FDSN	RO	--	BUD	iLoc	HHN	???	_		
BZS	1.38	200.4	Pn	11:29:30.954	0.5					T__		17.6		---	ML	1.5	226202	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BZS	1.38	200.4	Sn	11:29:48.809	-0.6					T__				---		226201	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
GZR	1.56	167.6	Sn	11:29:54.276	0.5					T__				---		226203	FDSN	RO	--	BUD	iLoc	HHN	???	_		
HU02A	1.71	315.7	Sn	11:29:57.529	-0.0					T__				---		226204	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/04	06:56:30.14	0.82	0.80	48.9931	19.3510	5.5	3.9	174	0.0f	18	11	111	0.60	1.43	sx	BUD	18002770	BUD				174

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 8 BUD 18002770

Sta	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	0.60	214.5	Pg	06:56:42.063	-0.3					T__		21.8		---	ML	1.2	226305	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.60	214.5	Lg	06:56:51.672	0.4					T__				---		226304	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																										
NIE	0.75	55.3	Pg	06:56:44.322	-0.1					T__		20.6		---	ML	1.2	226303	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																										
KECS	0.91	123.8	Pg	06:56:47.584	-0.6					T__		113.4		---	ML	2.1	226306	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.91	123.8	Lg	06:57:01.153	-0.4					T__				---		226295	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																										
JOS	0.93	121.9	Pg	06:56:47.923	-0.6					T__		36.8		---	ML	1.6	226293	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.93	121.9	Lg	06:57:01.112	-1.2					T__				---		226294	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
HU03A	1.10	171.3	Sn	06:57:08.759	0.0					T__				---		226302	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
JAVC	1.12	263.7	Pg	06:56:52.188	-0.5					T__		43.2		---	ML	1.8	226308	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	1.12	263.7	Sn	06:57:08.857	-0.3					T__				---		226307	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										
PSZ	1.13	161.2	Pn	06:56:53.789	0.4					T__		35.6		---	ML	1.7	226299	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	

```

PSZ 1.13 161.2 Sn 06:57:10.539 0.9 T__ --- 226298 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 1.17 162.5 Pn 06:56:54.356 0.6 T__ 23.9 --- ML 1.5 226300 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.17 162.5 Sn 06:57:11.024 0.7 T__ --- 226301 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 1.17 137.7 Pn 06:56:54.113 0.3 T__ 26.2 --- ML 1.6 226296 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.17 137.7 Lg 06:57:09.163 -1.1 T__ --- 226297 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORC 1.42 304.3 Lg 06:57:15.722 -0.3 T__ --- 226309 FDSN CZ -- BUD iLoc HHN ??? _
ABAH 1.43 118.4 Sn 06:57:18.730 1.8 T__ --- 226310 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
2022/07/04 07:04:35.72 1.99 0.86 46.1495 17.9978 17.7 8.3 67 0.0f 4 3 223 0.09 0.75 sx BUD 18002772 BUD 310

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.09 130.8 Pg 07:04:38.556 0.3 T__ 630.0 --- ML 1.4 226338 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.09 130.8 Lg 07:04:39.811 -0.7 T__ --- 226341 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
MORH 0.45 81.5 Lg 07:04:52.530 0.0 T__ --- 226340 FDSN HU -- BUD iLoc HHN ??? _
TIH 0.75 354.5 Lg 07:05:02.169 -0.4 T__ --- 226339 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
2022/07/04 07:22:57.85 1.25 0.70 47.9153 20.1092 11.8 3.0 156 0.0f 13 8 194 0.14 1.03 sx BUD 18002774 BUD 205

```

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 5 BUD 18002774

```

Sta 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 0.14 271.3 Pg 07:23:01.942 0.4 T__ 955.6 --- ML 1.7 226400 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.14 271.3 Lg 07:23:03.859 -0.8 T__ --- 226407 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ET1H 0.16 257.4 Pg 07:23:02.285 0.5 T__ 569.7 --- ML 1.5 226399 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.16 257.4 Lg 07:23:04.296 -0.6 T__ --- 226408 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.34 268.3 Pg 07:23:05.158 -0.1 T__ 163.6 --- ML 1.5 226401 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.34 268.3 Lg 07:23:11.017 0.2 T__ --- 226409 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU02A 0.35 53.3 Pg 07:23:06.001 0.5 T__ 161.4 --- ML 1.5 226403 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.35 53.3 Lg 07:23:10.856 -0.6 T__ --- 226404 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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KECS	0.62	23.8	Lg	07:23:18.930	-1.0	T__								226410	FDSN	SK	--	BUD	iLoc	EHN	???	_				
JOS	0.65	26.2	Pg	07:23:11.510	0.7	T__								48.6	---	ML	1.5	226402	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	26.2	Lg	07:23:20.203	-0.6	T__									---			226411	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
ABAH	0.85	62.9	Lg	07:23:27.444	-1.0	T__									---			226405	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.03	304.7	Lg	07:23:33.999	0.3	T__									---			226406	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
2022/07/04	07:24:07.84	1.43	0.56	47.9143	20.0849	16.2	3.1	154	0.0f		11	6	201	0.13	0.66	sx	BUD	18002776	BUD			228

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	5 BUD	18002776

Sta	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	271.9	Pg	07:24:11.679	0.5					T__		714.1		_c_	ML	1.5	226447	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.13	271.9	Lg	07:24:13.570	-0.5					T__				---		226449	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
ET1H	0.15	256.3	Pg	07:24:11.990	0.5					T__		421.3		---	ML	1.3	226446	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.15	256.3	Lg	07:24:13.882	-0.5					T__				---		226450	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU03A	0.33	268.3	Pg	07:24:14.931	-0.0					T__		90.3		---	ML	1.2	226448	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	268.3	Lg	07:24:19.799	-0.5					T__				---		226451	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU02A	0.36	54.7	Pg	07:24:16.055	0.3					T__		77.8		---	ML	1.2	226445	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	54.7	Lg	07:24:20.871	-1.0					T__				---		226452	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.63	25.1	Lg	07:24:30.041	-0.1					T__				---		226453	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.66	27.4	Pg	07:24:21.287	0.3					T__		44.0		---	ML	1.5	226455	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	27.4	Lg	07:24:31.183	0.1					T__				---		226454	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/04	07:54:58.69	0.68	1.10	47.7070	18.5275	4.2	3.1	128	0.0f		19	13	98	0.12	1.56	sx	BUD	18002778	BUD			129

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	6 BUD	18002778

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.12	235.1	Pg	07:55:02.124	0.5					T__		3242.4		---	ML	2.1	226497	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.12	235.1	Lg	07:55:03.964	-0.4					T__				---		226503	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
SR0	0.18	306.4	Pg	07:55:02.852	0.1					T__		6024.3		---	ML	2.6	226498	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.18	306.4	Lg	07:55:06.513	0.2					T__				---		226504	FDSN	SK	--	BUD	iLoc	EHN	???	_	



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(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
CSKK 0.39 207.8 Pg 07:55:07.545 0.7 T__ 394.8 ___ ML 2.0 226499 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.39 207.8 Lg 07:55:12.380 -1.4 T__ ___ 226505 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU08A 0.49 236.2 Pg 07:55:09.892 1.0 T__ 291.0 ___ ML 2.1 226500 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.49 236.2 Lg 07:55:16.062 -1.0 T__ ___ 226506 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
VYHS 0.81 14.6 Lg 07:55:26.884 -0.4 T__ ___ 226501 FDSN SK -- BUD iLoc HHE ??? _
ET1H 0.92 78.7 Lg 07:55:30.139 -1.6 T__ ___ 226507 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.95 76.6 Lg 07:55:31.830 -1.2 T__ ___ 226508 FDSN GE -- BUD iLoc HHN ??? _
MODS 1.07 309.0 Sn 07:55:35.704 -0.9 T__ ___ 226502 FDSN SK -- BUD iLoc HHN ??? _
HU02A 1.41 72.1 Pn 07:55:25.454 -0.2 T__ 22.4 ___ ML 1.6 226510 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.41 72.1 Sn 07:55:46.330 1.4 T__ ___ 226509 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
MORH 1.49 176.9 Pn 07:55:26.754 -0.0 T__ 29.3 ___ ML 1.8 226512 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.49 176.9 Sn 07:55:45.689 -1.3 T__ ___ 226511 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
RONA 1.51 270.5 Sn 07:55:46.942 -0.4 T__ ___ 226513 FDSN OE -- BUD iLoc HHN ??? _
KECS 1.53 58.7 Sn 07:55:48.746 1.0 T__ ___ 226514 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.56 58.9 Sn 07:55:50.845 2.2 T__ ___ 226515 FDSN ZJ -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/04 08:32:56.56 0.75 1.04 48.8426 20.4654 5.8 3.4 81 0.0f 17 10 95 0.35 1.45 sx BUD 18002780 BUD 147

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Magnitude Err Nsta Author OrigID
ML 2.0 0.1 9 BUD 18002780

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.35 171.9 Pg 08:33:03.803 0.2 T__ 269.9 ___ ML 1.7 226560 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.35 171.9 Lg 08:33:09.912 0.8 T__ ___ 226561 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.36 177.9 Pg 08:33:03.803 -0.1 T__ 489.4 ___ ML 2.0 226563 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.36 177.9 Lg 08:33:09.689 0.3 T__ ___ 226562 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 0.59 349.4 Pg 08:33:07.990 0.3 T__ 34.0 ___ ML 1.4 226571 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.59 349.4 Lg 08:33:15.070 -1.0 T__ ___ 226570 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.72 176.8 Pg 08:33:11.838 0.3 T__ 99.9 ___ ML 1.9 226569 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.75 136.5 Pg 08:33:11.753 0.3 T__ 113.2 ___ ML 2.0 226564 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.75 136.5 Lg 08:33:21.240 -2.6 T__ ___ 226572 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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PSZ	1.00	202.6	Pg	08:33:17.012	-0.5	T__	104.1	___	ML	2.1	226565	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.00	202.6	Sn	08:33:32.144	-0.6	T__		---			226566	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
ET1H	1.04	202.6	Pn	08:33:18.954	0.5	T__	86.2	___	ML	2.0	226568	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.04	202.6	Sn	08:33:33.843	0.1	T__		---			226567	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
VYHS	1.14	252.7	Pg	08:33:20.098	0.7	T__	15.5	___	ML	1.3	226574	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.14	252.7	Sn	08:33:33.894	-2.1	T__		---			226575	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
KOLS	1.20	85.0	Pg	08:33:19.826	0.6	T__		---			226573	FDSN	SK	--	BUD	iLoc	HHZ	???	_
OJC	1.45	342.8	Pn	08:33:24.379	0.4	T__	88.7	___	ML	2.3	226576	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/04	09:24:35.82	1.03	0.81	47.9056	16.1079	6.8	4.2	41	0.0f		7	4	139	0.17	1.17	sx	BUD	18002782	BUD			230

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.17	277.9	Pg	09:24:39.103	-0.3					T__		121.8		---	ML	0.9	226626	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	277.9	Lg	09:24:41.617	-0.3					T__				---		226627	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.24	148.3	Pg	09:24:40.660	-0.3					T__				_c_		226629	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	148.3	Lg	09:24:44.280	-0.2					T__				---		226628	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.77	211.3	Lg	09:25:01.673	1.4					T__				---		226630	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.17	9.3	Pg	09:24:58.828	0.5					T__		27.1		---	ML	1.6	226632	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.17	9.3	Lg	09:25:16.006	0.4					T__				---		226631	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/07/04	09:52:48.41	1.01	0.74	45.9997	22.7219	7.7	4.2	49	0.0f		8	5	127	0.17	0.92	sx	BUD	18002784	BUD					196

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	18002784

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.17	132.5	Pg	09:52:51.746	0.1					T__		990.8		---	ML	1.8	226657	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.17	132.5	Lg	09:52:54.659	0.5					T__				---		226656	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
GZR	0.61	176.4	Pg	09:52:59.919	-0.2					T__		34.1		---	ML	1.4	226658	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.61	176.4	Lg	09:53:08.658	-0.1					T__				---		226659	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

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SIRR 0.79 290.3 Pg 09:53:04.535 0.1 T__ 18.9 ___ ML 1.2 226662 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.79 290.3 Lg 09:53:16.349 0.3 T__ ___ 226661 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
DRGR 0.79 359.5 Pg 09:53:04.207 -0.1 T__ 42.6 ___ ML 1.6 226660 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LOT 0.92 126.6 Lg 09:53:17.940 -1.5 T__ ___ 226663 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/05 04:37:23.83 0.79 0.70 47.7656 18.2196 3.3 2.9 109 5.2 7.5 20 14 55 0.08 1.68 ke BUD 18002792 BUD 85

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Magnitude Err Nsta Author OrigID
ML 1.3 0.0 5 BUD 18002792

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SR0 0.08 52.9 Pg 04:37:25.754 -0.1 T__ 3386.3 ___ ML 2.0 226974 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 0.08 52.9 Lg 04:37:28.283 0.6 T__ ___ 226983 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
HU09A 0.17 139.1 Pg 04:37:27.544 0.0 T__ 357.0 ___ ML 1.3 226975 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.17 139.1 Lg 04:37:30.319 -0.4 T__ ___ 226984 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU08A 0.39 211.0 Pg 04:37:31.314 -0.5 T__ 88.9 ___ ML 1.3 226978 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.39 211.0 Lg 04:37:38.006 -0.1 T__ ___ 226977 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 0.40 176.1 Pg 04:37:32.501 0.5 T__ 250.5 ___ ML 1.8 226976 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.40 176.1 Lg 04:37:38.330 -0.5 T__ ___ 226985 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.54 81.3 Lg 04:37:44.093 0.4 T__ ___ 226986 FDSN ZJ 00 BUD iLoc HHN ??? _
EGYH 0.69 240.2 Lg 04:37:47.259 -0.5 T__ ___ 226987 FDSN HU -- BUD iLoc HHN ??? _
VYHS 0.84 29.3 Pg 04:37:40.754 0.0 T__ 11.8 ___ ML 1.0 226980 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.84 29.3 Lg 04:37:51.678 -1.1 T__ ___ 226979 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
MODS 0.88 314.3 Pg 04:37:41.612 0.2 T__ ___ 226981 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.88 314.3 Lg 04:37:53.864 -0.7 T__ ___ 226982 FDSN SK -- BUD iLoc HHN ??? _
ET1H 1.12 83.6 Lg 04:38:02.950 -0.3 T__ ___ 226988 FDSN HU -- BUD iLoc HHN ??? _
SOP 1.12 266.4 Sn 04:38:02.702 0.7 T__ ___ 226993 FDSN HU -- BUD iLoc HHN ??? _
JAVC 1.15 341.7 Lg 04:38:04.274 0.1 T__ ___ 226989 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.30 267.8 Lg 04:38:07.540 1.2 T__ ___ 226990 FDSN OE -- BUD iLoc HHN ??? _
MORH 1.58 169.3 Lg 04:38:16.022 -1.5 T__ ___ 226991 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.68 182.8 Lg 04:38:19.891 0.1 T__ ___ 226992 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
2022/07/05 07:37:59.03 0.98 0.73 47.3613 18.3766 7.2 4.5 146 0.0f 12 10 108 0.08 1.29 sx BUD 18002794 BUD 126

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Magnitude	Err	Nsta	Author	OrigID																						
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
CSKK	0.08	271.3	Pg	07:38:01.278	0.0					T__		2143.4		---	ML	1.9	227024	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.08	271.3	Lg	07:38:03.195	-0.3					T__				---		227025	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
HU09A	0.28	0.8	Lg	07:38:10.115	-0.2					T__				---		227026	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU08A	0.32	283.0	Pg	07:38:07.113	1.3					T__		123.4		---	ML	1.3	227033	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU08A	0.32	283.0	Lg	07:38:10.399	-1.1					T__				---		227032	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
HU10A	0.65	41.7	Lg	07:38:22.531	-0.7					T__				---		227027	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
ET1H	1.14	62.3	Sn	07:38:38.892	0.4					T__				---		227030	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MORH	1.16	170.8	Sn	07:38:38.454	-0.6					T__				---		227028	FDSN	HU	--	BUD	iLoc	HHE	???	_		
PSZ	1.17	60.9	Sn	07:38:39.184	-0.2					T__				---		227031	FDSN	GE	--	BUD	iLoc	HHE	???	_		
VYHS	1.17	15.1	Sn	07:38:38.965	-0.5					T__				---		227029	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MODS	1.25	324.3	Sn	07:38:40.890	-0.6					T__				---		227034	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KOVH	1.29	188.6	Sn	07:38:42.517	0.3					T__				---		227035	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
2022/07/06	05:59:48.01	0.96	0.42	47.9498	16.0590	5.7	4.0	15	0.0f		8	5	113	0.13	1.14	sx	BUD	18002798	BUD			223

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.13	260.8	Pg	05:59:50.937	0.0					T__		127.8		---	ML	0.8	227165	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	260.8	Lg	05:59:53.070	0.0					T__				---		227168	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.30	147.3	Pg	05:59:53.951	-0.2					T__				---		227166	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.30	147.3	Lg	05:59:58.146	-0.3					T__				---		227169	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.43	128.2	Lg	06:00:03.642	0.8					T__				---		227171	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	0.92	62.1	Lg	06:00:20.864	-0.0					T__				---		227172	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.14	11.2	Pg	06:00:09.912	0.1					T__		25.3		---	ML	1.5	227167	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.14	11.2	Lg	06:00:26.299	-0.3					T__				---		227170	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	06:36:02.94	1.63	0.75	46.0543	22.9251	13.1	5.2	64	0.0f		8	5	196	0.17	1.01	sx	BUD	18002800	BUD			260

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ML	1.4	0.1	3	BUD												18002800									
DEV	0.17	185.1	Pg	06:36:06.594	0.4					T__		567.3		---	ML	1.5	227241	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.17	185.1	Lg	06:36:08.323	-0.3					T__				---		227244	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

GZR	0.67	189.0	Pg	06:36:15.900	0.1	T__					37.3	---	ML	1.4	227242	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	189.0	Lg	06:36:24.514	-0.8	T__									227245	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
DRGR	0.75	348.7	Lg	06:36:29.117	-1.1	T__									227246	FDSN	RO	--	BUD	iLoc	HHN	???	_
SIRR	0.90	284.1	Pg	06:36:21.807	0.5	T__					21.9	---	ML	1.3	227243	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.90	284.1	Lg	06:36:34.113	-0.2	T__									227247	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
BZS	1.01	244.9	Lg	06:36:36.241	-0.7	T__									227248	FDSN	RO	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	07:07:07.25	1.05	1.07	47.9712	16.6626	9.0	3.8	129	0.0f		9	6	176	0.37	1.11	sx	BUD	18002802	BUD			185

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	18002802

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.37	222.4	Pg	07:07:14.423	-0.4					T__						227277	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.37	222.4	Lg	07:07:19.076	-0.8					T__						227276	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.54	265.7	Pg	07:07:17.983	-0.1					T__	31.0			---	ML	1.3	227274	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.54	265.7	Lg	07:07:26.237	1.0					T__						227275	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MODS	0.58	45.4	Lg	07:07:27.896	-0.6					T__						227278	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	1.06	227.3	Lg	07:07:42.372	1.5					T__						227281	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.11	350.8	Pg	07:07:28.179	-0.3					T__	21.9			---	ML	1.5	227280	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.11	350.8	Lg	07:07:43.594	-1.2					T__						227279	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JAVC	1.11	36.7	Pg	07:07:30.876	1.0					T__	47.7			---	ML	1.8	227282	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	07:37:33.33	0.84	1.01	48.2694	19.9056	4.0	3.5	143	0.0f		14	9	80	0.35	1.60	sx	BUD	18002804	BUD			128

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	6 BUD	18002804

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.35	181.2	Pg	07:37:41.065	-0.1					T__	146.0			---	ML	1.4	227315	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.35	181.2	Lg	07:37:47.134	0.0					T__						227316	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.39	183.4	Lg	07:37:48.368	0.3					T__						227321	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.44	109.3	Pg	07:37:42.805	0.1					T__	78.3			---	ML	1.4	227317	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	109.3	Lg	07:37:48.894	-1.1					T__						227323	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

KECS	0.44	60.8	Pg	07:37:42.602	0.3	T__	191.9	___	ML	1.8	227318	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
				(Reading ML: 1.8 magdef=1															
				(Station ML: 1.8 magdef=0															
JOS	0.48	61.6	Pg	07:37:42.886	-0.1	T__	82.8	___	ML	1.6	227319	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	61.6	Lg	07:37:50.512	0.1	T__		___			227322	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.6 magdef=1															
				(Station ML: 1.6 magdef=1															
HU10A	0.73	234.8	Lg	07:37:59.148	-0.9	T__		___			227324	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VYHS	0.75	287.9	Pg	07:37:49.116	0.6	T__	10.6	___	ML	0.9	227320	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.75	287.9	Lg	07:37:57.653	-1.8	T__		___			227328	FDSN	SK	--	BUD	iLoc	HHE	???	_
				(Reading ML: 0.9 magdef=1															
				(Station ML: 0.9 magdef=0															
NIE	1.18	12.6	Pg	07:37:56.074	0.5	T__	13.5	___	ML	1.3	227325	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.18	12.6	Lg	07:38:11.529	-1.3	T__		___			227326	FDSN	PL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 1.3 magdef=1															
				(Station ML: 1.3 magdef=1															
JAVC	1.60	292.5	Sn	07:38:26.107	1.8	T__		___			227327	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	07:42:24.27	0.87	0.73	48.5867	18.8427	6.1	4.2	29	0.0f		10	6	164	0.09	1.21	sx	BUD	18002806	BUD			271

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	6 BUD	18002806

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.09	182.7	Pg	07:42:26.978	0.6					T__	333.0			_c_	ML	1.1	227363	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.09	182.7	Lg	07:42:27.843	-0.3					T__				---		227364	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1																					
				(Station ML: 1.1 magdef=0																					
JAVC	0.82	289.8	Pg	07:42:41.539	0.4					T__	47.5			___	ML	1.6	227370	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.82	289.8	Lg	07:42:53.063	-0.7					T__				---		227365	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=0																					
PSZ	0.97	133.2	Pg	07:42:43.776	-0.9					T__	32.1			___	ML	1.5	227371	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
ET1H	0.99	135.5	Pg	07:42:45.505	0.6					T__	28.2			___	ML	1.5	227372	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
JOS	1.13	94.0	Pg	07:42:47.633	1.0					T__	24.2			___	ML	1.5	227367	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.13	94.0	Lg	07:43:02.785	-0.2					T__				---		227366	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
HU02A	1.21	111.9	Pn	07:42:48.345	-0.2					T__	21.8			___	ML	1.5	227368	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.21	111.9	Sn	07:43:05.226	-0.5					T__				---		227369	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	08:08:05.11	0.89	0.67	47.5346	18.7134	6.2	3.7	171	0.0f		13	10	137	0.22	1.35	sx	BUD	18002808	BUD			175

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 4 BUD 18002808

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BUD	0.22	103.5	Lg	08:08:14.474	0.2					T__						227409	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.25	295.0	Lg	08:08:15.361	0.1					T__						227418	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.35	241.0	Lg	08:08:19.194	0.2					T__						227419	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.37	33.4	Lg	08:08:20.340	0.8					T__						227408	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.55	259.4	Lg	08:08:24.858	-0.5					T__						227420	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.85	65.8	Pg	08:08:22.161	-1.0					T__		32.6		---	ML	1.5	227411	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.85	65.8	Lg	08:08:35.188	-0.7					T__						227410	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.89	63.8	Pg	08:08:23.486	-0.4					T__		53.7		---	ML	1.7	227413	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	0.96	4.9	Pg	08:08:24.629	-0.1					T__		13.6		---	ML	1.2	227412	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.96	4.9	Lg	08:08:38.142	-0.7					T__						227414	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MODS	1.28	311.5	Sn	08:08:47.925	-0.2					T__						227415	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	1.35	63.6	Pn	08:08:32.180	0.8					T__		23.0		---	ML	1.6	227417	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.35	63.6	Sn	08:08:50.872	0.8					T__						227416	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/06 08:24:57.56 1.23 0.56 46.0611 22.8034 9.3 4.5 44 0.0f 10 6 136 0.19 0.94 sx BUD 18002810 BUD 206

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 4 BUD 18002810

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.19	158.6	Pg	08:25:01.375	0.2					T__		667.1		---	ML	1.7	227474	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.19	158.6	Lg	08:25:03.803	-0.1					T__						227473	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.67	181.6	Pg	08:25:10.519	0.1					T__		58.2		---	ML	1.6	227475	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	181.6	Lg	08:25:19.851	-0.0					T__						227477	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.73	355.0	Lg	08:25:23.838	-0.4					T__						227478	FDSN	RO	--	BUD	iLoc	HHE	???	_	
SIRR	0.82	285.0	Pg	08:25:14.725	0.4					T__		53.0		---	ML	1.7	227480	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.82	285.0	Lg	08:25:25.375	-0.9					T__						227479	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LOT	0.91	131.8	Lg	08:25:27.592	-0.8					T__						227476	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.94	242.2	Pg	08:25:16.092	0.2					T__		23.8		---	ML	1.4	227481	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.94	242.2	Lg	08:25:28.679	-0.5					T__						227482	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	09:14:32.15	1.00	1.29	48.4959	20.7764	6.7	5.1	128	0.0f		13	9	97	0.16	1.29	sx	BUD	18002814	BUD			154

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	18002814

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	270.1	Pg	09:14:35.482	-0.0					T__		354.2		___	ML	1.3	227560	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	270.1	Lg	09:14:39.002	0.8					T__				---		227569	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.19	266.4	Pg	09:14:35.987	-0.3					T__		888.5		___	ML	1.8	227561	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.19	266.4	Lg	09:14:40.074	0.6					T__				---		227570	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.41	204.3	Lg	09:14:49.359	1.7					T__				---		227562	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.83	225.9	Lg	09:15:00.849	-1.2					T__				---		227563	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.86	224.8	Lg	09:15:04.270	1.3					T__				---		227568	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.98	341.4	Pg	09:14:52.110	1.5					T__		14.2		---	ML	1.2	227564	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.98	341.4	Lg	09:15:03.236	-1.2					T__				---		227571	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KOLS	1.08	65.6	Lg	09:15:07.808	-1.8					T__				---		227566	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.23	106.6	Sn	09:15:13.310	-0.6					T__				---		227567	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VVHS	1.29	270.6	Pn	09:14:57.127	-0.3					T__		12.8		---	ML	1.3	227565	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	1.29	270.6	Sn	09:15:13.998	-1.4					T__				---		227572	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	10:14:33.32	1.56	0.68	47.9019	20.1361	14.6	3.3	155	0.0f		12	7	213	0.16	1.05	sx	BUD	18002816	BUD			238

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	5 BUD	18002816

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.16	275.9	Pg	10:14:37.909	0.5					T__		488.4		___	ML	1.4	227604	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.16	275.9	Lg	10:14:40.539	-0.3					T__				---		227615	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
ET1H	0.18	262.8	Pg	10:14:38.071	0.5					T__		349.3		___	ML	1.3	227605	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.18	262.8	Lg	10:14:40.701	-0.2					T__				---		227607	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.34	49.7	Pg	10:14:41.150	0.3					T__		107.5		___	ML	1.3	227609	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.34	49.7	Lg	10:14:45.681	-1.0					T__				---		227608	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU03A	0.36	270.5	Lg	10:14:46.102	-0.8					T__				---		227610	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	



KECS	0.63	21.8	Lg	10:14:56.277	0.7	T__								227611	FDSN	SK	--	BUD	iLoc	EHE	???	_
JOS	0.65	24.3	Pg	10:14:46.608	0.2	T__				25.0	---	ML	1.3	227606	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	24.3	Lg	10:14:56.520	0.1	T__					---			227612	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=1)																						
VYHS	1.05	304.7	Pg	10:14:54.976	0.4	T__				13.6	---	ML	1.2	227614	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.05	304.7	Sn	10:15:09.784	-1.0	T__					---			227613	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																						
(Station ML: 1.2 magdef=0)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	15:17:42.95	1.49	0.81	46.1270	21.5457	17.1	4.5	97	0.0f		6	3	214	0.16	1.13	sx	BUD	18002820	BUD			315

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	3 BUD	18002820

Sta	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	29.4	Pg	15:17:47.183	0.4					T__		152.8		---	ML	0.9	227728	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.16	29.4	Lg	15:17:48.775	-1.1					T__				---		227729	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
BZS	0.51	174.4	Pg	15:17:53.273	0.2					T__		20.3		---	ML	1.0	227731	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.51	174.4	Lg	15:18:00.124	-0.4					T__				---		227730	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
GZR	1.13	130.0	Pg	15:18:04.968	0.5					T__		23.9		---	ML	1.5	227732	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.13	130.0	Lg	15:18:19.986	-0.3					T__				---		227733	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/07/07	06:34:06.79	0.84	0.66	47.3613	18.3780	6.5	4.4	144	0.0f		14	11	108	0.08	1.45	sx	BUD	18002822	BUD					126

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	3 BUD	18002822

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.08	271.3	Pg	06:34:09.153	0.1					T__		3112.9		---	ML	2.0	227764	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	271.3	Lg	06:34:10.832	-0.5					T__				---		227768	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU09A	0.28	0.6	Lg	06:34:18.256	0.2					T__				---		227765	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.45	354.5	Lg	06:34:24.904	0.7					T__				---		227769	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU10A	0.65	41.6	Lg	06:34:30.721	-0.3					T__				---		227770	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.14	62.3	Sn	06:34:46.308	0.1					T__				---		227771	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.16	170.9	Sn	06:34:46.294	-0.5					T__				---		227766	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.17	60.9	Pn	06:34:29.907	-0.6					T__		32.7		---	ML	1.7	227774	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.17	60.9	Sn	06:34:47.842	0.7					T__				---		227767	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

VYHS	1.17	15.0	Pn	06:34:30.396	-0.1	T__	14.0	___	ML	1.3	227773	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	15.0	Sn	06:34:46.822	-0.4	T__		---			227772	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
MODS	1.26	324.2	Sn	06:34:48.720	-0.5	T__		---			227775	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.29	188.6	Sn	06:34:51.460	1.5	T__		---			227776	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.45	284.3	Sn	06:34:54.428	0.3	T__		---			227777	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/07	07:18:34.79	1.05	0.11	46.1099	18.0963	7.4	3.2	103	0.0f	7	4	150	0.02	0.43	sx	BUD	18002824	BUD				209

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	3 BUD	18002824

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.02	173.4	Pg	07:18:35.810	0.0					T__		1266.3		_c_	ML	1.5	227803	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.02	173.4	Lg	07:18:37.156	0.1					T__				---		227802	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A273A	0.28	225.3	Lg	07:18:44.864	-0.2					T__				---		227804	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	0.39	74.4	Pg	07:18:43.108	-0.0					T__		53.2		---	ML	1.1	227800	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.39	74.4	Lg	07:18:49.602	-0.0					T__				---		227801	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A266A	0.43	15.6	Pg	07:18:44.018	0.1					T__		274.6		---	ML	1.9	227805	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.43	15.6	Lg	07:18:50.937	0.0					T__				---		227806	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/07	08:09:58.97	0.73	0.97	48.3937	18.4979	5.2	3.5	168	0.0f	16	13	89	0.25	1.63	sx	BUD	18002826	BUD					115

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	18002826

Sta	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	65.9	Pg	08:10:04.713	0.5					T__		77.2		---	ML	0.9	227845	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	65.9	Lg	08:10:08.597	0.5					T__				---		227846	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
A338A	0.39	194.5	Lg	08:10:13.712	-0.1					T__				---		227847	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
SRO	0.59	192.1	Lg	08:10:21.060	0.2					T__				---		227848	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU10A	0.65	147.4	Lg	08:10:21.766	-1.1					T__				---		227842	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	0.72	310.6	Pg	08:10:13.639	-0.2					T__		87.1		---	ML	1.8	227849	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MODS	0.81	269.0	Pg	08:10:16.493	0.9					T__				---		227850	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
PSZ	1.05	116.4	Pn	08:10:20.738	-0.3					T__		44.8		---	ML	1.7	227852	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.05	116.4	Sn	08:10:35.905	-0.5					T__				---		227851	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									

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(Station ML: 1.7 magdef=1
ET1H 1.05 118.7 Pn 08:10:19.096 -1.9 T__ 28.6 ___ ML 1.5 227840 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 1.33 85.4 Sn 08:10:43.490 0.4 T__ 227853 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.36 84.9 Pg 08:10:27.430 1.6 T__ 35.1 ___ ML 1.8 227844 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.36 84.9 Sn 08:10:44.180 0.2 T__ 227843 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 1.38 100.6 Sn 08:10:45.475 0.9 T__ 227841 FDSN ZJ 00 BUD iLoc HHN ??? _
MORC 1.52 336.0 Sn 08:10:46.883 -1.1 T__ 227854 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.63 245.6 Lg 08:10:53.019 0.9 T__ 227855 FDSN OE -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/07 08:27:46.04 0.93 1.23 48.5294 17.4907 6.7 3.1 125 0.0f 10 7 130 0.21 1.25 sx BUD 18002828 BUD 202

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MODS 0.21 222.4 Pg 08:27:49.763 -1.1 T__ 227883 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.21 222.4 Lg 08:27:54.629 -0.2 T__ 227886 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.35 19.8 Pg 08:27:53.000 -0.6 T__ 125.3 ___ ML 1.4 227884 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.35 19.8 Lg 08:27:58.867 -0.7 T__ 227892 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
VVHS 0.90 91.8 Lg 08:28:18.124 1.0 T__ 227887 FDSN SK -- BUD iLoc HHE ??? _
KRUC 0.90 306.8 Lg 08:28:16.915 0.4 T__ 227891 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.15 224.4 Pg 08:28:09.156 0.3 T__ 227888 FDSN OE -- BUD iLoc HHZ ??? _
RONA 1.15 224.4 Lg 08:28:25.349 1.5 T__ 227885 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.24 241.7 Lg 08:28:27.910 1.3 T__ 227890 FDSN OE -- BUD iLoc HHN ??? _
MORC 1.25 1.5 Lg 08:28:28.461 1.8 T__ 227889 FDSN CZ -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/07 08:49:19.75 0.83 1.58 48.1994 21.1907 5.9 3.9 167 0.0f 19 11 107 0.10 1.75 sx BUD 18002830 BUD 156

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Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 7 BUD 18002830

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.10 18.7 Pg 08:49:21.402 -0.9 T__ 14306.1 ___ ML 2.7 227927 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.10 18.7 Lg 08:49:23.223 -1.5 T__ 227935 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
HU02A 0.45 260.4 Pg 08:49:29.858 0.5 T__ 75.8 ___ ML 1.4 227929 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 260.4 Lg 08:49:34.511 -2.3 T__ 227936 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
JOS 0.53 304.6 Pg 08:49:30.546 0.2 T__ 64.3 ___ ML 1.6 227928 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 304.6 Lg 08:49:37.626 -0.8 T__ 227937 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1

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(Station ML: 1.6 magdef=1
KECS 0.55 301.4 Lg 08:49:38.152 -1.1 T__
TRPA 0.91 93.9 Pg 08:49:37.343 -0.0 T__ 124.4 --- ML 2.1 227931 FDSN SK -- BUD iLoc EHE ??? _
TRPA 0.91 93.9 Lg 08:49:48.550 -3.7 T__ --- 227938 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
PSZ 0.91 252.6 Pg 08:49:39.546 0.5 T__ 59.4 --- ML 1.8 227940 FDSN SK -- BUD iLoc HHZ HHZ _
PSZ 0.91 252.6 Lg 08:49:52.088 -0.7 T__ --- 227939 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.94 250.6 Pg 08:49:40.094 0.6 T__ 45.8 --- ML 1.7 227932 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.94 250.6 Lg 08:49:52.191 -1.1 T__ --- 227941 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 1.03 44.0 Pg 08:49:40.741 1.4 T__ --- 227933 FDSN HU -- BUD iLoc HHZ HHZ _
KOLS 1.03 44.0 Lg 08:49:53.081 -2.8 T__ --- 227942 FDSN SK -- BUD iLoc HHN ??? _
NIE 1.35 334.6 Pn 08:49:46.972 1.0 T__ 21.7 --- ML 1.6 227934 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.35 334.6 Sn 08:50:04.733 0.1 T__ --- 227943 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.60 281.5 Sn 08:50:11.932 1.3 T__ --- 227944 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.75 143.2 Sn 08:50:15.044 0.7 T__ --- 227945 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
2022/07/07 10:00:34.70 0.87 1.47 48.1238 16.9031 5.7 3.0 127 0.0f 13 8 89 0.35 1.20 sx BUD 18002834 BUD 163

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Magnitude Err Nsta Author OrigID
ML 1.4 0.0 3 BUD 18002834

```

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Sta 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 0.35 44.9 Pg 10:00:41.399 -0.9 T__ --- 228065 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.35 44.9 Lg 10:00:46.921 -1.5 T__ --- 228066 FDSN SK -- BUD iLoc HHN ??? _
SOP 0.50 207.9 Pg 10:00:45.073 0.3 T__ 55.1 --- ML 1.4 228070 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.50 207.9 Lg 10:00:52.112 0.5 T__ --- 228071 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
RONA 0.59 224.1 Pg 10:00:47.505 1.0 T__ --- 228073 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.59 224.1 Lg 10:00:54.869 0.4 T__ --- 228072 FDSN OE -- BUD iLoc HHN ??? _
CONA 0.73 254.8 Pg 10:00:46.413 -2.7 T__ 31.8 --- ML 1.4 228074 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.73 254.8 Lg 10:00:59.077 0.4 T__ --- 228076 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JAVC 0.90 34.5 Pg 10:00:55.367 2.3 T__ 61.7 --- ML 1.8 228077 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.90 34.5 Lg 10:01:08.354 1.5 T__ --- 228067 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 0.98 134.8 Lg 10:01:07.980 -1.4 T__ --- 228075 FDSN ZJ 00 BUD iLoc HHN ??? _
KRUC 1.00 340.4 Lg 10:01:08.698 0.1 T__ --- 228068 FDSN CZ -- BUD iLoc HHN ??? _
VRAC 1.20 350.3 Lg 10:01:14.767 -0.4 T__ --- 228069 FDSN CZ -- BUD iLoc HHE ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/07	10:49:49.46	0.96	1.30	47.8881	16.0732	6.0	4.0	30	0.0f		7	5	84	0.15	1.19	sx	BUD	18002836	BUD			159

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	285.9	Pg	10:49:52.181	-0.5					T__		313.9		---	ML	1.2	228098	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	285.9	Lg	10:49:54.993	0.1					T__				---		228099	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
RONA	0.24	141.3	Pg	10:49:53.941	-0.6					T__				---		228101	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	141.3	Lg	10:49:57.805	-0.3					T__				---		228100	FDSN	OE	--	BUD	iLoc	HHE	???	_	
ARSA	0.74	210.5	Lg	10:50:14.989	1.9					T__				---		228102	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.94	58.5	Lg	10:50:24.639	1.5					T__				---		228103	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.19	10.2	Lg	10:50:29.817	-0.2					T__				---		228104	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/08	05:16:18.28	0.37	0.89	47.3011	18.2868	4.9	3.5	89	0.0A	0.0	9	8	111	0.06	1.25	m	kx	BUD	18002840	BUD			360
2022/07/08	05:16:15.87	0.99	0.44	47.3167	18.3081f				0.0f		9	8	107	0.06	1.24		kx	BUD_GT	18002841	BUD_GT			138

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	05:16:17.556	-0.1					T__		1337.3		---	ML	1.6	228155	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	05:16:19.363	-0.3					T__				---		228158	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU08A	0.29	293.8	Lg	05:16:27.696	0.4					T__				---		228159	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.33	8.9	Lg	05:16:29.391	0.6					T__				---		228160	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.13	168.1	Lg	05:16:54.041	-0.5					T__				---		228161	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.20	61.4	Sn	05:16:56.712	-0.2					T__				---		228162	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.23	16.6	Lg	05:16:59.014	0.3					T__				---		228156	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.23	60.1	Sn	05:16:58.940	0.7					T__				---		228157	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOVH	1.24	186.7	Sn	05:16:57.561	0.0					T__				---		228163	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
2022/07/08	05:44:21.76	1.22	1.19	46.9887	22.8638	9.9	8.0	124	0.0f		9	6	129	0.22	1.62	sx	BUD	18002842	BUD			248

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 3 BUD 18002842

Sta	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	0.22	208.0	Pg	05:44:26.731	0.2					T__		170.9		---	ML	1.2	228184	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.22	208.0	Lg	05:44:28.447	-2.0					T__				---		228191	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CJR	0.57	118.4	Lg	05:44:41.320	-0.8					T__				---		228186	FDSN	RO	--	BUD	iLoc	HHE	???	_	
SIRR	1.10	229.4	Lg	05:44:59.178	-0.2					T__				---		228185	FDSN	RO	--	BUD	iLoc	HHN	???	_	

```

TRPA 1.16 349.2 Sn 05:45:00.947 -0.9 T__
GZR 1.60 182.2 Pn 05:44:52.107 0.8 T__ 20.4 --- ML 1.7 228188 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.60 182.2 Sn 05:45:12.119 -0.5 T__ --- 228187 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
BZS 1.62 212.7 Pn 05:44:52.026 0.4 T__ 26.7 --- ML 1.8 228189 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.62 212.7 Sn 05:45:14.448 1.3 T__ --- 228190 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/08 07:10:30.02 0.96 0.45 47.3458 16.4031 6.3 4.6 71 0.0f 9 6 79 0.22 1.19 sx BUD 18002844 BUD 157

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A260A 0.22 106.8 Lg 07:10:38.266 -0.0 T__ --- 228228 FDSN ZJ 00 BUD iLoc HHN ??? _
RONA 0.36 348.5 Pg 07:10:37.643 0.1 T__ --- 228229 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.36 348.5 Lg 07:10:42.626 -0.1 T__ --- 228230 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.61 261.3 Lg 07:10:48.923 -0.5 T__ --- 228231 FDSN OE -- BUD iLoc HHN ??? _
CONA 0.69 328.1 Pg 07:10:44.217 0.5 T__ 53.7 --- ML 1.6 228233 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.69 328.1 Lg 07:10:53.006 0.2 T__ --- 228232 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOGS 0.90 186.7 Pg 07:10:47.885 0.1 T__ 66.4 --- ML 1.8 228235 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.90 186.7 Lg 07:10:59.858 0.4 T__ --- 228234 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 1.19 29.5 Sn 07:11:10.031 -0.7 T__ --- 228236 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
2022/07/08 07:27:43.15 0.88 1.28 48.5184 17.5045 6.3 3.4 129 0.0f 9 5 135 0.21 1.25 sx BUD 18002846 BUD 208

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 3 BUD 18002846

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.21 226.3 Pg 07:27:46.835 -1.1 T__ --- 228259 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.21 226.3 Lg 07:27:50.834 -1.0 T__ --- 228263 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.36 17.8 Pg 07:27:49.811 -1.1 T__ 97.3 --- ML 1.3 228260 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.36 17.8 Lg 07:27:56.357 -0.6 T__ --- 228264 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VYHS 0.89 91.1 Lg 07:28:15.217 1.3 T__ --- 228266 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.91 307.0 Pg 07:28:00.730 0.1 T__ 31.7 --- ML 1.5 228261 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.91 307.0 Lg 07:28:14.469 0.4 T__ --- 228265 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CONA 1.25 242.3 Pn 07:28:09.263 1.3 T__ 34.2 --- ML 1.7 228267 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.25 242.3 Lg 07:28:25.355 1.6 T__ --- 228262 FDSN OE -- BUD iLoc HHN ??? _

```

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/08	09:00:40.73	1.00	1.21	46.0922	22.0180	7.6	4.5	53	0.0f		8	5	94	0.30	1.38	sx	BUD	18002850	BUD			183

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	18002850

Sta	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	0.30	305.3	Pg	09:00:47.951	0.6					T__		68.6		___	ML	1.0	228343	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.30	305.3	Lg	09:00:51.619	-0.9					T__				---		228344	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
BZS	0.55	210.7	Pg	09:00:52.311	0.7					T__		22.3		___	ML	1.2	228346	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.55	210.7	Lg	09:00:58.608	-1.0					T__				---		228345	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
DRGR	0.85	34.2	Lg	09:01:09.335	-1.2					T__				---		228349	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.88	142.5	Pg	09:00:58.470	1.0					T__		24.9		___	ML	1.4	228347	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.88	142.5	Lg	09:01:08.366	-1.5					T__				---		228348	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
LOT	1.38	117.1	Sn	09:01:26.083	-0.4					T__				---		228350	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/08	09:11:51.37	0.79	0.71	48.5436	20.7663	6.1	3.4	4	0.0f		19	12	87	0.16	1.79	sx	BUD	18002852	BUD			127

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	8 BUD	18002852

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	252.5	Pg	09:11:54.759	0.0					T__		640.9		___	ML	1.5	228390	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	252.5	Lg	09:11:58.237	0.8					T__				---		228400	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.20	252.2	Pg	09:11:55.371	-0.1					T__		1200.3		___	ML	1.9	228392	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	252.2	Lg	09:11:59.433	0.7					T__				---		228391	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									
ABAH	0.40	128.0	Pg	09:11:59.872	0.2					T__		138.1		___	ML	1.6	228394	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	128.0	Lg	09:12:06.728	0.1					T__				---		228401	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU02A	0.45	201.0	Pg	09:12:00.757	-0.2					T__		57.1		___	ML	1.3	228393	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	201.0	Lg	09:12:09.093	0.8					T__				---		228402	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
PSZ	0.86	223.3	Pg	09:12:08.782	-0.6					T__		81.2		___	ML	1.9	228395	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	223.3	Lg	09:12:22.714	0.4					T__				---		228403	FDSN	GE	--	BUD	iLoc	HHE	???	_	

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.89 222.3 Pg 09:12:10.353 0.3 T__ 28.5 ___ ML 1.5 228396 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.89 222.3 Lg 09:12:23.444 0.2 T__ ___ 228404 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
NIE 0.93 340.8 Pn 09:12:11.430 -0.3 T__ 21.1 ___ ML 1.3 228397 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU07A 0.95 125.8 Lg 09:12:26.558 1.5 T__ ___ 228405 FDSN ZJ 00 BUD iLoc HHN ??? _
KOLS 1.07 68.1 Lg 09:12:28.018 -0.3 T__ ___ 228406 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.25 108.6 Sn 09:12:32.651 -1.0 T__ ___ 228407 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.28 268.5 Pn 09:12:15.995 -0.6 T__ 14.8 ___ ML 1.4 228399 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.28 268.5 Sn 09:12:33.889 -0.6 T__ ___ 228398 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
OJC 1.79 339.7 Sn 09:12:48.170 1.1 T__ ___ 228408 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
2022/07/08 09:27:26.51 0.45 0.32 47.8620 19.1322 7.8 3.6 178 0.0A 0.0 6 5 169 0.08 0.66 m kx BUD 18002854 BUD 360
2022/07/08 09:27:24.82 0.99 1.20 47.8327 19.1394f 0.0f 6 5 194 0.08 0.69 kx BUD_GT 18002855 BUD_GT 258
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU10A 0.08 278.8 Pg 09:27:27.957 1.0 T__ 2784.5 ___ ML 2.0 228454 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.08 278.8 Lg 09:27:28.516 -0.5 T__ ___ 228453 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
HU03A 0.32 76.9 Lg 09:27:35.737 -1.3 T__ ___ 228455 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 0.50 84.3 Lg 09:27:42.730 -0.5 T__ ___ 228458 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.52 80.1 Lg 09:27:42.983 -1.4 T__ ___ 228456 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.69 343.1 Lg 09:27:47.762 -1.5 T__ ___ 228457 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
2022/07/08 10:02:37.20 1.01 1.32 48.0122 19.5809 5.0 4.2 114 0.0f 13 8 141 0.11 1.15 sx BUD 18002856 BUD 238

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 5 BUD 18002856

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU03A 0.11 173.4 Pg 10:02:40.371 0.5 T__ 822.9 ___ ML 1.5 228487 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.11 173.4 Lg 10:02:41.649 -0.5 T__ ___ 228496 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.23 113.9 Pg 10:02:42.069 -0.6 T__ 569.6 ___ ML 1.7 228485 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.23 113.9 Lg 10:02:45.538 -1.4 T__ ___ 228497 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1

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(Station ML: 1.7 magdef=0
ET1H 0.24 124.2 Pg 10:02:42.051 -0.5 T__ 136.7 --- ML 1.1 228486 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.24 124.2 Lg 10:02:46.177 -0.5 T__ --- 228491 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU02A 0.64 79.8 Pg 10:02:49.902 -0.8 T__ 59.6 --- ML 1.6 228488 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.64 79.8 Lg 10:03:01.259 0.4 T__ --- 228493 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 314.4 Lg 10:03:00.096 -1.5 T__ --- 228492 FDSN SK -- BUD iLoc HHE ??? _
KECS 0.77 51.7 Lg 10:03:06.838 2.7 T__ --- 228494 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.80 52.6 Pg 10:02:53.043 -0.2 T__ 39.4 --- ML 1.5 228490 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.80 52.6 Lg 10:03:05.386 0.0 T__ --- 228489 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 1.15 75.0 Sn 10:03:18.878 2.0 T__ --- 228495 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
2022/07/08 11:29:17.10 0.83 1.08 47.3556 17.6361 6.5 4.3 10 0.0f 14 10 125 0.21 1.40 sx BUD 18002858 BUD 142

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.3 3 BUD 18002858

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU08A 0.21 68.7 Pg 11:29:22.999 1.1 T__ 938.3 --- ML 1.9 228610 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.21 68.7 Lg 11:29:25.684 -0.3 T__ --- 228609 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CSKK 0.42 88.8 Lg 11:29:32.677 -0.8 T__ --- 228603 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.58 60.5 Lg 11:29:38.153 -0.7 T__ --- 228604 FDSN ZJ 00 BUD iLoc HHN ??? _
RONA 0.97 291.3 Pg 11:29:36.662 0.2 T__ --- 228611 FDSN OE -- BUD iLoc HHZ ??? _
MODS 1.05 346.8 Pg 11:29:37.907 -0.5 T__ --- 228612 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.05 346.8 Sn 11:29:53.217 -1.2 T__ --- 228602 FDSN SK -- BUD iLoc HHE ??? _
HU10A 1.06 61.9 Pg 11:29:39.074 0.3 T__ 196.2 --- ML 2.4 228601 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 1.06 61.9 Sn 11:29:53.318 -1.2 T__ --- 228605 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOVH 1.31 165.7 Sn 11:29:59.464 -1.3 T__ --- 228613 FDSN HU -- BUD iLoc HHN ??? _
CONA 1.33 296.2 Lg 11:30:01.835 1.4 T__ --- 228607 FDSN OE -- BUD iLoc HHN ??? _
MORH 1.33 148.4 Pn 11:29:42.699 -0.3 T__ 25.7 --- ML 1.7 228608 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.33 148.4 Sn 11:30:01.710 0.3 T__ --- 228614 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 1.40 34.9 Sn 11:30:04.751 1.7 T__ --- 228606 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
2022/07/09 08:47:53.65 1.02 0.09 46.1475 18.2935 10.7 3.7 157 0.0f 5 3 171 0.15 0.38 sx BUD 18002866 BUD 282

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Magnitude Err Nsta Author OrigID

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.15	246.3	Pg	08:47:57.269	0.0					T__		613.8		_c_	ML	1.5	228804	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	246.3	Lg	08:48:00.190	0.0					T__				---		228803	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
MORH	0.25	74.4	Pg	08:47:59.307	0.0					T__		259.0		---	ML	1.4	228801	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	74.4	Lg	08:48:03.653	-0.1					T__				---		228805	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
A266A	0.38	357.0	Lg	08:48:07.995	-0.0					T__				---		228802	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/11	07:48:00.52	1.55	0.43	48.0438	20.6950	9.7	4.8	135	0.0f		10	6	198	0.14	0.58	sx	BUD	18002874	BUD			266

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	18002874

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.14	304.6	Pg	07:48:03.863	-0.1					T__		723.4		---	ML	1.5	228964	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.14	304.6	Lg	07:48:06.372	-0.5					T__				---		228965	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
ABAH	0.44	55.1	Lg	07:48:16.689	-0.7					T__				---		228972	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.46	342.4	Pg	07:48:10.347	0.4					T__		125.7		---	ML	1.7	228967	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	342.4	Lg	07:48:17.012	-0.1					T__				---		228966	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					
JOS	0.46	347.1	Pg	07:48:10.357	0.4					T__		39.5		---	ML	1.2	228968	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	347.1	Lg	07:48:16.921	-0.2					T__				---		228969	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=1																					
PSZ	0.55	257.2	Pg	07:48:12.734	0.2					T__		30.4		---	ML	1.3	228970	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.55	257.2	Lg	07:48:21.190	-0.1					T__				---		228971	FDSN	GE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=1																					
ET1H	0.58	253.7	Lg	07:48:21.715	0.0					T__				---		228973	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
2022/07/11	10:58:39.30	1.19	0.73	47.0857	19.4308	13.5	4.0	116	0.0f		7	4	191	0.85	1.03	sx	BUD	18002876	BUD			287

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	4 BUD	18002876

Sta	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	0.85	20.5	Pg	10:58:57.474	0.2					T__		41.0		---	ML	1.6	229046	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.85	20.5	Lg	10:59:10.593	0.6					T__				---		229047	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=1																					
PSZ	0.89	20.5	Pg	10:58:57.983	-0.3					T__		116.0		_c_	ML	2.1	229048	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	20.5	Lg	10:59:11.610	-0.3					T__				---		229049	FDSN	GE	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU09A 0.90 308.2 Pg 10:58:57.576 0.1 T__ 97.3 ___ ML 2.0 229045 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORH 1.03 212.2 Pg 10:59:00.322 0.6 T__ 20.2 ___ ML 1.4 229051 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.03 212.2 Lg 10:59:13.644 -1.1 T__ ___ 229050 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/12 07:45:33.42 4.44 0.83 46.8323 22.7819 29.7 10.3 7 0.0f 6 4 278 0.06 1.55 sx BUD 18002880 BUD 305

```

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.06 230.1 Pg 07:45:35.016 -0.1 T__ 223.0 ___ ML 0.8 229105 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.06 230.1 Lg 07:45:36.568 -0.1 T__ ___ 229107 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
SIRR 0.96 234.3 Lg 07:46:07.357 0.8 T__ 229108 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.44 180.1 Pg 07:46:00.779 0.1 T__ 19.9 ___ ML 1.6 229109 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.44 180.1 Sn 07:46:20.885 0.4 T__ ___ 229106 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LOT 1.55 153.3 Lg 07:46:24.018 -1.1 T__ ___ 229110 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/12 08:12:22.68 0.84 1.02 48.4987 18.6981 7.2 3.8 21 0.0f 17 10 128 0.09 1.49 sx BUD 18002882 BUD 164

```

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 7 BUD 18002882

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.09 92.9 Pg 08:12:25.626 0.8 T__ 641.1 _c_ ML 1.4 229173 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.09 92.9 Lg 08:12:26.284 -0.3 T__ ___ 229175 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
JAVC 0.77 298.3 Lg 08:12:49.859 -0.6 T__ ___ 229176 FDSN CZ -- BUD iLoc HHN ??? _
HU03A 0.85 134.3 Pg 08:12:41.339 1.1 T__ 86.8 ___ ML 1.9 229167 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.85 134.3 Lg 08:12:53.755 0.9 T__ ___ 229166 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 0.95 263.0 Lg 08:12:55.778 -0.8 T__ ___ 229177 FDSN SK -- BUD iLoc HHE ??? _
PSZ 0.99 125.5 Pg 08:12:43.676 0.2 T__ 51.0 ___ ML 1.8 229164 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.99 125.5 Lg 08:12:56.494 -1.7 T__ ___ 229178 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 1.00 127.9 Pg 08:12:43.822 0.3 T__ 31.5 ___ ML 1.6 229165 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.00 127.9 Lg 08:12:56.713 -1.4 T__ ___ 229179 FDSN HU -- BUD iLoc HHN ??? _

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 1.19 90.1 Pg 08:12:47.401 1.2 T__ 73.8 ___ ML 2.0 229170 FDSN SK -- BUD iLoc EHN EHZ _
KECS 1.19 90.1 Lg 08:13:02.081 -1.5 T__ ___ 229169 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 1.22 89.4 Pg 08:12:47.401 0.6 T__ 28.3 ___ ML 1.6 229171 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.22 89.4 Sn 08:13:03.031 -1.3 T__ ___ 229172 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.28 106.5 Pn 08:12:48.058 0.2 T__ 25.9 ___ ML 1.6 229168 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.28 106.5 Sn 08:13:05.331 -0.3 T__ ___ 229180 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORC 1.49 329.8 Lg 08:13:10.727 -0.2 T__ ___ 229174 FDSN CZ -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/12 08:38:02.54 0.92 1.38 48.7212 17.7509 4.5 3.7 69 0.0f 8 5 115 0.15 1.07 sx BUD 18002884 BUD 229

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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
JAVC 0.15 339.0 Pg 08:38:05.386 -0.7 T__ 352.4 ___ ML 1.3 229213 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.15 339.0 Lg 08:38:08.271 -0.8 T__ ___ 229217 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 0.47 222.3 Pg 08:38:11.832 -0.5 T__ ___ 229211 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.47 222.3 Lg 08:38:20.267 0.3 T__ ___ 229212 FDSN SK -- BUD iLoc HHN ??? _
VYHS 0.76 107.1 Pg 08:38:17.930 0.1 T__ 23.5 ___ ML 1.3 229216 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.76 107.1 Lg 08:38:28.521 -0.3 T__ ___ 229215 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VRAC 0.96 308.1 Lg 08:38:37.066 2.2 T__ ___ 229214 FDSN CZ -- BUD iLoc HHN ??? _
MORC 1.07 352.7 Lg 08:38:38.955 1.7 T__ ___ 229218 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/12 09:17:30.35 0.83 1.33 48.2853 21.2078 6.3 3.6 167 0.0f 19 12 111 0.02 2.04 sx BUD 18002886 BUD 127

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```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 18002886

```

```

Sta 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 0.02 63.0 Pg 09:17:31.113 -0.3 T__ 20382.7 _c_ ML 2.7 229254 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.02 63.0 Lg 09:17:32.318 -0.2 T__ ___ 229263 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
HU02A 0.49 250.6 Pg 09:17:40.316 -0.3 T__ 79.9 ___ ML 1.6 229259 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.49 250.6 Lg 09:17:47.145 -1.4 T__ ___ 229264 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

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JOS	0.49	295.6	Pg	09:17:40.426	0.1	T__	89.7	---	ML	1.6	229256	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	295.6	Lg	09:17:47.802	-0.1	T__		---			229255	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
KECS	0.52	292.6	Pg	09:17:41.229	0.4	T__	141.6	---	ML	1.9	229257	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.52	292.6	Lg	09:17:47.748	-1.1	T__		---			229258	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU07A	0.56	122.5	Lg	09:17:50.441	-1.3	T__		---			229265	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
TRPA	0.90	99.4	Lg	09:18:00.803	-1.9	T__		---			229260	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU23A	0.91	225.2	Lg	09:18:02.691	-0.5	T__		---			229268	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.95	247.9	Pg	09:17:51.308	0.9	T__	75.8	---	ML	1.9	229261	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.95	247.9	Lg	09:18:03.469	-1.3	T__		---			229269	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KOLS	0.96	47.1	Pg	09:17:49.357	0.7	T__		---			229267	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.96	47.1	Lg	09:18:01.700	-2.6	T__		---			229266	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.98	246.1	Pg	09:17:50.432	-0.5	T__	46.8	---	ML	1.7	229262	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.98	246.1	Lg	09:18:04.564	-0.8	T__		---			229270	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MEZ	1.55	80.7	Sn	09:18:20.962	0.8	T__		---			229271	FDSN	UA	--	BUD	iLoc	BHN	???	_
SIRR	2.04	171.2	Sn	09:18:34.976	2.8	T__		---			229272	FDSN	RO	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/12	10:00:19.24	1.03	0.71	48.1403	16.9797	10.0	4.2	142	0.0f		8	6	153	0.31	1.52	sx	BUD	18002888	BUD			186

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.31	40.3	Pg	10:00:26.293	0.3					T__						229300	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	40.3	Lg	10:00:31.077	-0.3					T__						229301	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.64	226.4	Lg	10:00:40.301	-0.2					T__						229304	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.78	254.6	Pg	10:00:34.754	0.0					T__	24.2				ML	1.3	229307	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.78	254.6	Lg	10:00:45.629	0.7					T__						229302	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
VRAC	1.20	347.8	Lg	10:00:59.849	0.4					T__						229305	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
VYHS	1.29	73.4	Sn	10:01:02.095	-0.4					T__						229303	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TREC	1.52	320.0	Sn	10:01:07.023	-1.2					T__						229306	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/12	10:59:34.66	0.82	1.00	48.8465	20.9397	6.1	3.8	156	0.0f		21	12	119	0.44	1.74	sx	BUD	18002890	BUD			187

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 8 BUD 18002890

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.44	217.2	Pg	10:59:43.712	0.2					T__		152.9			ML	1.7	229345	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	217.2	Lg	10:59:50.514	0.3					T__						229354	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
KECS 0.47 219.8 Pg 10:59:44.223 0.1 T__ 237.4 ___ ML 2.0 229347 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.47 219.8 Lg 10:59:51.272 -0.0 T__ ___ 229346 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.59 160.0 Pg 10:59:46.670 0.3 T__ 84.3 ___ ML 1.8 229348 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.59 160.0 Lg 10:59:55.599 -0.6 T__ ___ 229355 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.71 323.9 Lg 10:59:57.297 -0.9 T__ ___ 229352 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.78 201.0 Pg 10:59:50.468 -0.2 T__ 126.4 ___ ML 2.0 229356 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.78 201.0 Lg 11:00:02.154 -0.5 T__ ___ 229357 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
KOLS 0.88 83.9 Pg 10:59:52.440 0.9 T__ ___ 229353 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.88 83.9 Lg 11:00:03.122 -2.6 T__ ___ 229358 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.16 217.3 Pn 10:59:57.918 -0.3 T__ 71.1 ___ ML 2.0 229349 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.16 217.3 Sn 11:00:14.041 -0.8 T__ ___ 229359 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.20 216.8 Pn 10:59:58.575 -0.2 T__ 38.4 ___ ML 1.8 229351 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.20 216.8 Sn 11:00:15.374 -0.4 T__ ___ 229350 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA 1.28 123.4 Pn 11:00:00.887 1.1 T__ 51.3 ___ ML 1.9 229361 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.28 123.4 Sn 11:00:16.663 -1.0 T__ ___ 229360 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU03A 1.30 223.9 Pn 11:00:00.940 0.9 T__ 49.2 ___ ML 1.9 229363 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.30 223.9 Sn 11:00:19.455 1.4 T__ ___ 229362 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 1.44 256.6 Sn 11:00:20.967 -0.6 T__ ___ 229364 FDSN SK -- BUD iLoc HHN ??? _
MEZ 1.74 100.1 Sn 11:00:27.397 -1.6 T__ ___ 229365 FDSN UA -- 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
2022/07/13 06:28:22.81 0.72 1.07 47.8888 19.4350 5.8 2.5 174 0.0f 22 13 154 0.11 1.53 sx BUD 18002894 BUD 162

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 11 BUD 18002894

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU03A 0.11 82.2 Pg 06:28:26.662 1.1 T__ 2522.7 ___ ML 2.0 229582 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.11 82.2 Lg 06:28:28.462 0.6 T__ ___ 229589 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
HU10A 0.28 261.3 Pg 06:28:28.401 -0.6 T__ 631.6 ___ ML 1.9 229581 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.28 261.3 Lg 06:28:34.248 0.2 T__ ___ 229590 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.29 91.7 Pg 06:28:28.806 -0.6 T__ 108.9 ___ ML 1.2 229584 FDSN HU -- BUD iLoc HHZ HHZ _

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ET1H	0.29	91.7	Lg	06:28:33.944	-0.4	T__								229585	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																						
(Station ML: 1.2 magdef=0)																						
PSZ	0.31	84.4	Pg	06:28:29.312	-0.6	T__	139.8							229587	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	84.4	Lg	06:28:34.996	-0.3	T__								229586	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=1)																						
VYHS	0.73	326.7	Pg	06:28:38.556	0.9	T__	22.5							229583	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.73	326.7	Lg	06:28:46.284	-2.1	T__								229591	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=0)																						
HU09A	0.75	251.0	Lg	06:28:49.006	-1.4	T__								229592	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.77	71.9	Pg	06:28:37.987	-0.8	T__	46.1							229594	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.77	71.9	Lg	06:28:49.315	-1.6	T__								229593	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
KECS	0.92	49.4	Pg	06:28:41.222	0.0	T__	90.2							229595	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.92	49.4	Lg	06:28:53.845	-1.2	T__								229596	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
JOS	0.96	50.2	Pg	06:28:42.058	0.2	T__	47.8							229598	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.96	50.2	Lg	06:28:54.762	-1.5	T__								229597	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
HU08A	1.12	246.4	Pg	06:28:44.868	-0.2	T__	63.7							229588	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.12	246.4	Sn	06:29:00.930	-0.9	T__								229599	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
ABAH	1.28	70.7	Pn	06:28:49.783	1.9	T__	50.6							229600	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
MODS	1.52	289.4	Sn	06:29:11.851	-0.0	T__								229602	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	1.53	310.2	Pn	06:28:52.226	0.8	T__	83.7							229601	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=0)																						

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/13 07:20:06.46 1.39 0.69 47.8849 20.1520 12.2 3.1 159 0.0f 14 8 208 0.18 1.07 sx BUD 18002896 BUD 221

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 6 BUD 18002896

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	281.0	Pg	07:20:10.852	0.0					T__		630.6			ML	1.6	229651	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	281.0	Lg	07:20:13.725	-0.7					T__						229655	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.19	268.3	Pg	07:20:11.115	0.2					T__	393.7				ML	1.4	229652	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	268.3	Lg	07:20:13.745	-0.6					T__						229656	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.35	46.4	Pg	07:20:13.189	-0.8					T__	105.2				ML	1.3	229653	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

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HU02A  0.35 46.4 Lg      07:20:19.501 -0.5      T__          ---          229654      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU03A  0.37 273.1 Lg     07:20:20.992  0.5      T__          ---          229657      FDSN ZJ      00 BUD  iLoc  HHN ??? _
KECS   0.64 20.3 Pg     07:20:19.909  0.6      T__          71.8        --- ML      1.7 229659      FDSN SK      -- BUD  iLoc  EHZ EHZ _
KECS   0.64 20.3 Lg     07:20:29.781  0.7      T__          ---          229658      FDSN SK      -- BUD  iLoc  EHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS    0.66 22.8 Pg     07:20:19.693 -0.1      T__          28.7        --- ML      1.3 229660      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS    0.66 22.8 Lg     07:20:30.293  0.4      T__          ---          229661      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH   0.84 60.2 Pg     07:20:24.487  1.3      T__          57.0        --- ML      1.7 229663      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH   0.84 60.2 Lg     07:20:36.301 -0.4      T__          ---          229662      FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
VYHS   1.07 305.2 Lg     07:20:43.217 -0.5      T__          ---          229664      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
2022/07/13 08:15:11.58  1.05  1.29 46.0700  22.8735  7.5  4.0  71  0.0f  11  6 143  0.19  0.99  sx BUD  18002898  BUD  210

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Magnitude Err Nsta Author  OrigID
ML 1.7 0.0 5 BUD 18002898

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
DEV  0.19 173.6 Pg     08:15:15.091 -0.1    T__          1315.0  --- ML      1.9 229700      FDSN RO      -- BUD  iLoc  HHZ HHZ _
DEV  0.19 173.6 Lg     08:15:18.327  0.5    T__          ---          229699      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
GZR  0.68 185.8 Pg     08:15:24.477 -0.2    T__          69.8    --- ML      1.7 229701      FDSN RO      -- BUD  iLoc  HHZ HHZ _
GZR  0.68 185.8 Lg     08:15:34.025 -0.2    T__          ---          229702      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.73 351.2 Pg     08:15:26.743  0.4    T__          66.6    --- ML      1.7 229705      FDSN RO      -- BUD  iLoc  HHZ HHZ _
DRGR 0.73 351.2 Lg     08:15:37.343 -0.8    T__          ---          229704      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SIRR 0.87 283.6 Pg     08:15:29.575  0.4    T__          39.1    --- ML      1.6 229706      FDSN RO      -- BUD  iLoc  HHZ HHZ _
SIRR 0.87 283.6 Lg     08:15:38.637 -3.1    T__          ---          229707      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LOT  0.88 134.4 Lg     08:15:41.469  0.0    T__          229703      FDSN RO      -- BUD  iLoc  HHN ??? _
BZS  0.99 243.2 Pg     08:15:32.326  1.5    T__          25.4    --- ML      1.5 229709      FDSN RO      -- BUD  iLoc  HHZ HHZ _
BZS  0.99 243.2 Lg     08:15:44.140 -0.6    T__          ---          229708      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/07/13 09:52:43.98  0.67  0.84 47.1372  18.0341  4.3  2.7 110  0.0f  26  18 63  0.26  1.67  sx BUD  18002900  BUD  96

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Magnitude Err Nsta Author OrigID  
 ML 1.9 0.3 8 BUD 18002900

Sta	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	0.26	202.2	Pg	09:52:50.532	0.9					T__		1432.3		---	ML	2.2 229766	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.26	202.2	Lg	09:52:52.879	-1.2					T__				---		229765	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																								
CSKK	0.27	34.2	Pg	09:52:50.421	0.4					T__		395.2		---	ML	1.7 229760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.27	34.2	Lg	09:52:55.367	0.1					T__				---		229761	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
HU08A	0.30	345.7	Pg	09:52:51.422	0.8					T__		272.8		---	ML	1.6 229763	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.30	345.7	Lg	09:52:55.064	-1.1					T__				---		229764	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																								
A267A	0.36	121.8	Lg	09:52:57.269	-0.7					T__				---		229773	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BADH	0.51	229.4	Lg	09:53:01.139	-0.9					T__				---		229774	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU09A	0.55	25.1	Pg	09:52:55.064	-0.4					T__		211.4		---	ML	2.1 229762	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.55	25.1	Lg	09:53:03.808	-1.1					T__				---		229775	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
A261A	0.63	253.3	Lg	09:53:06.302	0.2					T__				---		229776	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A263A	0.70	225.1	Lg	09:53:06.847	-1.3					T__				---		229777	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU10A	0.97	42.9	Pg	09:53:03.803	-0.2					T__		94.5		---	ML	2.0 229767	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
MORH	1.01	155.3	Lg	09:53:18.993	-0.0					T__				---		229778	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	1.05	177.5	Pg	09:53:04.935	-0.2					T__		62.9		---	ML	1.9 229772	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.05	177.5	Lg	09:53:19.413	-1.1					T__				---		229779	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
BEHE	1.09	232.8	Lg	09:53:19.663	-0.6					T__				---		229780	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.31	296.1	Lg	09:53:26.293	-0.7					T__				---		229781	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	1.34	337.9	Pn	09:53:08.819	-1.1					T__				---		229771	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.34	337.9	Sn	09:53:27.893	-0.6					T__				---		229782	FDSN	SK	--	BUD	iLoc	HHE	???	_
ET1H	1.45	58.5	Sn	09:53:31.962	0.8					T__				---		229768	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.46	21.4	Pn	09:53:12.146	0.5					T__		18.9		---	ML	1.6 229784	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.46	21.4	Sn	09:53:31.809	0.3					T__				---		229783	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
PSZ	1.48	57.5	Pn	09:53:12.784	0.8					T__		39.7		---	ML	1.9 229770	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.48	57.5	Sn	09:53:33.175	1.0					T__				---		229769	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
CONA	1.67	299.1	Lg	09:53:39.239	1.0					T__				---		229785	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/14 07:31:09.59 1.54 0.51 47.3912 18.3883 10.9 6.4 121 0.0f 5 4 172 0.09 1.19 sx BUD 18002902 BUD 254

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	252.1	Pg	07:31:12.379	0.3					T__		1020.2		---	ML	1.6	229928	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	252.1	Lg	07:31:14.260	-0.3					T__				---		229930	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU09A	0.25	359.1	Lg	07:31:19.623	-0.2					T__				---		229931	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	277.4	Lg	07:31:21.714	-0.4					T__				---		229932	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.19	171.4	Sn	07:31:49.920	-0.4					T__				---		229929	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
2022/07/14	07:35:54.64	0.85	0.94	48.5539	19.3496	6.0	3.5	10	0.0f		17	10	137	0.35	1.70	sx	BUD	18002904	BUD			167

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	7 BUD	18002904

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.35	260.2	Lg	07:36:06.975	-0.2					T__				---		229971	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.73	150.0	Pg	07:36:11.124	0.9					T__		43.4		---	ML	1.5	229974	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	150.0	Lg	07:36:20.765	-0.6					T__				---		229973	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU10A	0.74	197.5	Lg	07:36:20.370	-1.3					T__				---		229972	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.76	94.9	Pg	07:36:09.860	0.1					T__		179.2		---	ML	2.2	229968	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.76	94.9	Lg	07:36:20.632	-0.5					T__				---		229967	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
ET1H	0.76	152.5	Pg	07:36:11.521	0.9					T__		26.7		---	ML	1.3	229975	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.76	152.5	Lg	07:36:21.892	0.0					T__				---		229976	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
JOS	0.79	93.8	Pg	07:36:10.371	-0.0					T__		67.1		---	ML	1.8	229965	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	93.8	Lg	07:36:21.692	-0.6					T__				---		229966	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.90	118.4	Pg	07:36:12.909	-0.2					T__		57.7		---	ML	1.8	229977	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	118.4	Lg	07:36:24.905	-2.0					T__				---		229969	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JAVC	1.15	286.0	Pg	07:36:17.832	-0.2					T__		47.5		---	ML	1.8	229979	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.15	286.0	Sn	07:36:34.046	-0.6					T__				---		229978	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	1.29	100.9	Pg	07:36:19.902	0.1					T__		43.4		---	ML	1.9	229970	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.29	100.9	Sn	07:36:38.983	1.2					T__				---		229980	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORC	1.70	316.6	Sn	07:36:49.679	1.5					T__				---		229981	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/14	08:18:44.88	0.65	0.50	47.8205	19.1018	9.7	3.2	9	0.0A	0.0	14	8	210	0.06	1.17	m	kx	BUD	18002906	BUD		360

2022/07/14 08:18:43.48 0.89 0.66 47.8327 19.1394f 0.0f 14 8 194 0.08 1.15 kx BUD\_GT 18002907 BUD\_GT 258  
 (locality : Sejce-Vác Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 6 BUD 18002907

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	08:18:45.903	0.2					T__		2492.1		---	ML	1.9	230022	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	08:18:47.072	-0.6					T__				---		230023	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU03A	0.32	76.9	Pg	08:18:50.961	0.5					T__		112.1		---	ML	1.2	230024	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	08:18:55.727	0.1					T__				---		230025	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
ET1H	0.50	84.3	Lg	08:19:01.960	0.1					T__				---		230026	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.1	Lg	08:19:02.461	-0.6					T__				---		230027	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.1	Pg	08:18:58.212	0.6					T__		17.2		---	ML	1.1	230029	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	08:19:06.977	-0.9					T__				---		230028	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
HU02A	0.98	72.2	Pg	08:19:03.978	0.4					T__		24.4		---	ML	1.4	230030	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	08:19:17.563	-1.5					T__				---		230031	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	1.11	53.7	Pg	08:19:05.589	-0.0					T__		163.6		---	ML	2.3	230033	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Sn	08:19:21.877	-0.5					T__				---		230032	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																									
JOS	1.15	54.2	Pg	08:19:06.970	0.7					T__		26.9		---	ML	1.6	230034	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	08:19:22.819	-0.4					T__				---		230035	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/14 08:25:10.16 1.09 0.81 48.4739 21.4021 9.2 4.8 1 0.0f 10 8 138 0.21 1.18 sx BUD 18002908 BUD 201

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.21	211.4	Lg	08:25:18.498	-0.3					T__				---		230073	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.57	272.5	Pg	08:25:21.673	0.0					T__		25.0		---	ML	1.2	230066	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.57	272.5	Lg	08:25:30.474	0.1					T__				---		230074	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KECS	0.61	271.2	Lg	08:25:31.755	0.1					T__				---		230067	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.68	239.3	Lg	08:25:34.317	-0.8					T__				---		230068	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	0.74	51.1	Lg	08:25:35.476	-0.9					T__				---		230072	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	0.83	113.9	Pg	08:25:26.819	0.4					T__		32.2		---	ML	1.5	230075	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.83	113.9	Lg	08:25:38.870	-1.4					T__				---		230070	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									

(Station ML: 1.5 magdef=1  
 PSZ 1.15 241.7 Sn 08:25:50.932 0.8 T\_\_ --- 230069 FDSN GE -- BUD iLoc HHE ??? \_  
 ET1H 1.18 240.4 Sn 08:25:50.352 -0.5 T\_\_ --- 230071 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  
 2022/07/14 08:58:58.84 0.95 1.17 48.4003 17.3127 7.7 2.8 113 0.0f 16 8 187 0.04 1.08 sx BUD 18002910 BUD 241

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 4 BUD 18002910

Sta	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	221.4	Pg	08:59:00.054	-0.2					T__						230153	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.04	221.4	Lg	08:59:00.988	-0.7					T__						230158	FDSN	SK	--	BUD	iLoc	HHN	???	_		
ZST	0.25	214.6	Pg	08:59:04.151	-0.2					T__						230168	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
ZST	0.25	214.6	Lg	08:59:07.144	-1.5					T__						230159	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.52	27.2	Pg	08:59:10.150	0.5					T__	250.9					230160	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	0.52	27.2	Lg	08:59:16.787	-1.3					T__						230161	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																										
SOP	0.88	215.5	Lg	08:59:30.886	2.9					T__						230156	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KRUC	0.90	317.8	Pg	08:59:15.995	-0.1					T__	41.2					230154	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
KRUC	0.90	317.8	Lg	08:59:29.397	0.0					T__						230155	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																										
RONA	0.98	224.6	Pg	08:59:17.106	-1.1					T__						230157	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.98	224.6	Pb	08:59:18.209	-0.0					T__						230162	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.98	224.6	Lg	08:59:32.332	1.3					T__						230163	FDSN	OE	--	BUD	iLoc	HHN	???	_		
VRAC	1.03	332.7	Pg	08:59:18.730	0.5					T__	19.8					230164	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
VRAC	1.03	332.7	Lg	08:59:32.489	-0.8					T__						230165	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																										
CONA	1.08	244.6	Pg	08:59:20.140	0.0					T__	26.1					230167	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	1.08	244.6	Lg	08:59:34.987	0.9					T__						230166	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/14 09:14:41.21 1.13 0.97 48.5385 20.8015 8.3 3.3 3 0.0f 15 8 171 0.18 1.23 sx BUD 18002912 BUD 212

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.2 7 BUD 18002912

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.18	256.3	Pg	09:14:45.173	0.2					T__		196.3				230207	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.18	256.3	Lg	09:14:48.679	0.7					T__						230208	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																										
KECS	0.22	255.4	Pg	09:14:45.849	0.1					T__	490.2					230210	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_		
KECS	0.22	255.4	Lg	09:14:49.811	0.5					T__						230209	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.6 magdef=1																										

```

(Station ML: 1.6 magdef=1
ABAH 0.38 129.6 Pg 09:14:50.103 1.0 T__ 61.5 --- ML 1.1 230211 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.38 129.6 Lg 09:14:54.668 -1.0 T__ --- 230215 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.46 204.0 Pg 09:14:51.165 0.3 T__ 36.9 --- ML 1.1 230212 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 204.0 Lg 09:14:57.227 -1.1 T__ --- 230216 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.87 224.7 Pg 09:14:59.613 0.1 T__ 26.4 --- ML 1.4 230218 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.87 224.7 Lg 09:15:12.029 -0.5 T__ --- 230217 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.91 223.7 Pg 09:15:00.728 0.6 T__ 19.0 --- ML 1.3 230213 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.91 223.7 Lg 09:15:13.218 -0.3 T__ --- 230219 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KOLS 1.05 67.4 Lg 09:15:15.213 -2.4 T__ --- 230220 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.23 108.8 Pg 09:15:05.158 0.3 T__ 50.2 --- ML 1.9 230214 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.23 108.8 Sn 09:15:22.029 -0.9 T__ --- 230221 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/14	09:36:30.98	1.06	0.68	47.3598	18.3926	9.2	5.7	140	0.0f		8	6	109	0.09	1.17	sx	BUD	18002914	BUD			210

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.09 272.2 Pg 09:36:33.771 0.3 T__ 1536.9 --- ML 1.7 230269 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.09 272.2 Lg 09:36:35.082 -0.8 T__ --- 230273 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU09A 0.28 358.6 Lg 09:36:41.807 -0.5 T__ --- 230275 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.13 62.0 Sn 09:37:09.389 -0.9 T__ --- 230276 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.16 171.3 Sn 09:37:10.435 -0.5 T__ --- 230270 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.16 60.6 Sn 09:37:11.159 0.0 T__ --- 230274 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.17 14.6 Pn 09:36:55.244 0.6 T__ 19.9 --- ML 1.5 230272 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.17 14.6 Sn 09:37:11.093 -0.3 T__ --- 230271 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/14	09:39:44.37	0.82	0.70	47.7963	19.1198	11.7	3.1	14	0.0A	0.0	13	9	225	0.08	1.44	m	kx	BUD	18002916	BUD			360
2022/07/14	09:39:43.24	0.89	1.08	47.8327	19.1394f				0.0f		13	9	194	0.08	1.42		kx	BUD_GT	18002917	BUD_GT			232

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 5 BUD 18002917

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.08	278.8	Pg	09:39:45.611	0.2					T__		1617.7		---	ML	1.7	230334	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	09:39:47.455	0.0					T__				---		230335	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU03A	0.32	76.9	Pg	09:39:51.146	0.9					T__		78.5		---	ML	1.1	230339	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	09:39:56.585	1.2					T__				---		230336	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
ET1H	0.50	84.3	Lg	09:40:00.391	-1.3					T__				---		230341	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.1	Lg	09:40:01.554	-1.2					T__				---		230342	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VVHS	0.69	343.1	Lg	09:40:07.125	-0.6					T__				---		230343	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.2	Pg	09:40:03.743	0.4					T__		21.1		---	ML	1.4	230337	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	09:40:16.185	-2.6					T__				---		230344	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	1.11	53.7	Pn	09:40:04.799	-0.2					T__		116.4		---	ML	2.2	230346	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Sn	09:40:21.205	-1.0					T__				---		230345	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	1.15	54.2	Pg	09:40:06.299	0.3					T__		22.4		---	ML	1.5	230338	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JAVC	1.42	316.9	Sn	09:40:31.319	0.3					T__				---		230340	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/14	09:47:48.76	1.22	1.18	47.9919	16.1061	7.3	5.2	22	0.0f		6	4	146	0.18	1.09	sx	BUD	18002918	BUD			267

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.18	248.9	Pg	09:47:52.038	-0.5					T__		116.7		---	ML	0.9	230371	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.18	248.9	Lg	09:47:55.216	0.1					T__				---		230372	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
RONA	0.32	156.3	Pg	09:47:54.960	-0.4					T__				---		230374	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.32	156.3	Lg	09:47:59.926	0.1					T__				---		230373	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.84	208.2	Lg	09:48:17.310	1.7					T__				---		230376	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.09	10.1	Lg	09:48:26.592	0.9					T__				---		230375	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/14	10:31:26.84	1.05	0.83	48.9494	19.4917	7.1	4.6	170	0.0f		10	7	104	0.63	1.52	sx	BUD	18002920	BUD			184

Magnitude Err Nsta Author OrigID  
ML 1.6 0.5 3 BUD 18002920

Sta	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	0.63	223.9	Pg	10:31:39.592	-0.0					T__		12.3		---	ML	0.9	230419	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.63	223.9	Lg	10:31:49.321	0.5					T__				---		230417	FDSN	SK	--	BUD	iLoc	HHE	???	_	

```

(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
NIE 0.71 48.2 Lg 10:31:49.686 -0.7 T__
KECS 0.81 125.0 Pg 10:31:43.858 1.0 T__ 94.2 --- ML 1.9 230415 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.81 125.0 Lg 10:31:54.485 -0.4 T__ --- 230414 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.83 122.8 Pg 10:31:43.858 0.6 T__ 41.0 --- ML 1.6 230412 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.83 122.8 Lg 10:31:55.252 -0.3 T__ --- 230413 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 1.07 165.3 Sn 10:32:03.135 -1.5 T__ --- 230420 FDSN GE -- BUD iLoc HHE ??? _
HU02A 1.08 139.9 Lg 10:32:03.724 -0.3 T__ --- 230416 FDSN ZJ 00 BUD iLoc HHE ??? _
MORC 1.52 303.8 Sn 10:32:16.021 0.2 T__ --- 230421 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/14 10:36:40.59 0.99 0.90 47.0891 19.4237 7.9 3.8 113 0.0f 10 7 151 0.28 1.03 sx BUD 18002922 BUD 190

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 7 BUD 18002922

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU04A 0.28 172.4 Pg 10:36:47.394 0.5 T__ 359.1 --- ML 1.6 230452 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU04A 0.28 172.4 Lg 10:36:50.993 -1.1 T__ --- 230453 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A271A 0.41 279.5 Pg 10:36:49.539 0.2 T__ 263.2 --- ML 1.9 230454 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A271A 0.41 279.5 Lg 10:36:55.249 -1.2 T__ --- 230455 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU03A 0.82 8.3 Pg 10:36:58.847 0.9 T__ 111.8 --- ML 2.0 230456 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 0.85 20.8 Pg 10:36:58.951 0.4 T__ 35.3 --- ML 1.5 230458 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.89 20.9 Pg 10:36:59.435 -0.1 T__ 84.5 --- ML 1.9 230459 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.89 20.9 Lg 10:37:12.688 -0.5 T__ --- 230460 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A266A 0.98 235.1 Pg 10:37:00.923 0.8 T__ 166.6 --- ML 2.3 230457 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
MORH 1.03 211.9 Pg 10:37:01.927 0.9 T__ 21.1 --- ML 1.4 230461 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/14 11:47:01.22 0.94 0.82 47.8843 16.0637 5.2 3.9 34 0.0f 9 5 82 0.14 1.20 sx BUD 18002926 BUD 160

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Magnitude Err Nsta Author OrigID  
ML 1.4 0.4 3 BUD 18002926

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	288.0	Pg	11:47:03.889	-0.4					T__		150.3		---	ML	0.9	230526	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	288.0	Lg	11:47:06.628	0.1					T__				---		230527	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.24	139.6	Pg	11:47:06.043	-0.3					T__				---		230529	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	139.6	Lg	11:47:09.586	-0.3					T__				---		230528	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.73	210.2	Pg	11:47:15.776	0.4					T__		29.6		---	ML	1.4	230530	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.73	210.2	Lg	11:47:25.343	0.7					T__				---		230531	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MODS	0.95	58.5	Lg	11:47:35.311	0.2					T__				---		230532	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	10.5	Pg	11:47:25.782	1.6					T__		31.7		---	ML	1.7	230534	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	10.5	Lg	11:47:41.192	-0.7					T__				---		230533	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/15	08:39:02.98	0.93	0.78	48.5459	20.8001	7.6	3.7	5	0.0f		13	9	88	0.18	1.31	sx	BUD	18002932	BUD			159

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 5 BUD 18002932

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	254.0	Pg	08:39:06.792	0.0					T__		287.3		---	ML	1.3	230676	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	254.0	Lg	08:39:10.426	0.6					T__				---		230677	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.22	253.4	Pg	08:39:07.321	-0.2					T__		1005.6		---	ML	1.9	230679	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	253.4	Lg	08:39:11.503	0.4					T__				---		230678	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ABAH	0.38	130.3	Pg	08:39:11.348	0.4					T__		57.2		---	ML	1.1	230687	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	130.3	Lg	08:39:16.534	-1.1					T__				---		230686	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU02A	0.46	203.5	Lg	08:39:20.066	-0.2					T__				---		230680	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.87	224.3	Lg	08:39:33.200	-1.3					T__				---		230688	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.91	223.3	Pg	08:39:22.331	0.3					T__		24.0		---	ML	1.4	230682	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	223.3	Lg	08:39:36.573	1.2					T__				---		230681	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
NIE	0.93	339.5	Pn	08:39:23.572	0.2					T__		25.8		---	ML	1.4	230683	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOLS	1.05	67.8	Lg	08:39:38.729	-0.6					T__				---		230685	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.31	268.5	Sn	08:39:45.922	-0.7					T__				---		230684	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
2022/07/15	10:00:30.45	0.87	0.49	48.1644	16.9571	9.5	3.5	131	0.0f	10	7	178	0.30	1.33		sx	BUD	18002934	BUD			189

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.30	45.5	Pg	10:00:37.089	0.1					T__						230743	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.30	45.5	Lg	10:00:42.567	0.2					T__						230744	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.64	223.9	Pg	10:00:43.052	-0.3					T__						230748	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.64	223.9	Lg	10:00:52.254	0.3					T__						230747	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.77	252.6	Lg	10:00:56.495	0.6					T__						230746	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.84	34.0	Lg	10:01:00.914	0.1					T__						230749	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
KRUC	0.97	337.7	Lg	10:01:03.564	0.1					T__						230750	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.17	348.3	Lg	10:01:09.842	0.0					T__						230745	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
ARSA	1.33	227.2	Pn	10:00:55.869	-0.5					T__	41.6				ML	1.9	230752	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.33	227.2	Lg	10:01:13.763	0.9					T__						230751	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/15	10:30:54.79	0.76	0.81	48.8410	20.9158	5.0	3.7	92	0.0f	22	12	110	0.43	1.61		sx	BUD	18002936	BUD			185

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.2 10 BUD 18002936

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.43	216.0	Pg	10:31:03.597	0.2					T__		180.4			ML	1.7	230793	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	216.0	Lg	10:31:10.444	0.6					T__						230804	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
KECS	0.46	218.7	Pg	10:31:03.962	-0.0					T__		220.3			ML	1.9	230794	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	218.7	Lg	10:31:11.211	0.2					T__						230805	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
ABAH	0.59	158.3	Pg	10:31:06.536	-0.0					T__		105.3			ML	1.8	230796	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.59	158.3	Lg	10:31:15.136	-1.2					T__						230806	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
NIE	0.71	325.2	Pg	10:31:08.070	-0.1					T__		61.1			ML	1.7	230801	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.71	325.2	Lg	10:31:16.908	-1.3					T__						230802	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																									
HU02A	0.76	200.0	Pg	10:31:09.622	-1.0					T__		138.0			ML	2.1	230795	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	200.0	Lg	10:31:21.692	-0.7					T__						230807	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																									
KOLS	0.90	83.6	Pg	10:31:12.288	0.3					T__						230808	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
PSZ	1.15	216.8	Pn	10:31:17.894	-0.3					T__		81.7			ML	2.1	230797	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.15	216.8	Sn	10:31:34.108	-0.5					T__						230798	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
ET1H	1.19	216.3	Pn	10:31:19.281	0.6					T__		45.3			ML	1.8	230800	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

ET1H	1.19	216.3	Sn	10:31:35.203	-0.3	T__								230799	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
HU03A	1.28	223.6	Pn	10:31:19.909	-0.1	T__	68.0			ML	2.0	230810	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU03A	1.28	223.6	Sn	10:31:37.658	-0.2	T__						230809	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
VYHS	1.42	256.6	Pn	10:31:22.970	1.1	T__	15.8			ML	1.5	230803	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	1.42	256.6	Sn	10:31:40.097	-1.2	T__						230811	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																						
(Station ML: 1.5 magdef=0)																						
OJC	1.56	332.6	Pn	10:31:23.962	0.2	T__	82.7			ML	2.3	230812	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_		
OJC	1.56	332.6	Lg	10:31:45.216	-0.0	T__						230813	FDSN	PL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=0)																						
HU10A	1.61	232.5	Sn	10:31:47.875	2.0	T__						230814	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/15	11:44:46.59	1.19	1.33	48.8935	20.6220	9.6	5.5	80	0.0f		11	8	109	0.40	1.25	sx	BUD	18002938	BUD			195

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	18002938

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.40	187.9	Pg	11:44:55.069	0.4					T__		101.6			ML	1.4	230855	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.40	187.9	Lg	11:45:01.241	0.4					T__						230859	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.42	192.5	Pg	11:44:55.216	0.1					T__	122.1				ML	1.6	230856	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.42	192.5	Lg	11:45:01.460	-0.0					T__						230860	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.57	338.2	Lg	11:45:04.996	-0.5					T__						230861	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	0.72	145.3	Lg	11:45:10.298	-2.6					T__						230858	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.77	184.8	Pg	11:45:03.944	1.4					T__	24.2				ML	1.3	230857	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.77	184.8	Lg	11:45:14.527	-0.0					T__						230862	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	1.09	206.7	Sn	11:45:23.668	-1.3					T__						230863	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOLS	1.09	87.3	Lg	11:45:25.300	1.6					T__						230864	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.25	252.0	Sn	11:45:28.390	-0.5					T__						230865	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
2022/07/16	00:21:41.61	0.81	0.92	46.2205	16.6904	4.0	3.2	167	10.9	6.8	43	28	64	0.26	1.80	ke	BUD	18002940	BUD			120

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	21 BUD	18002940

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BEHE	0.26	13.2	Pg	00:21:46.615	-0.7					T__		3794.6			ML	2.6	230959	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

BEHE	0.26	13.2	Lg	00:21:51.053	-0.2	T__			230986	FDSN	HU	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 2.6 magdef=1															
				(Station ML: 2.6 magdef=1															
KOGS	0.38	306.9	Pg	00:21:48.624	-0.8	T__	573.4	___	ML	2.1	230962	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_	
KOGS	0.38	306.9	Lg	00:21:54.357	-0.3	T__		___			230963	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=0															
A264A	0.42	98.1	Pg	00:21:50.413	0.1	T__	746.0	___	ML	2.3	230967	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ	_	
A264A	0.42	98.1	Lg	00:21:57.443	1.3	T__		___			230966	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.3 magdef=1															
				(Station ML: 2.3 magdef=1															
PTJ	0.59	238.3	Pg	00:21:52.897	-0.6	T__	203.9	___	ML	2.1	230971	FDSN	CR	--	BUD	iLoc	BHZ BHZ	_	
PTJ	0.59	238.3	Lg	00:22:01.369	-0.9	T__		___			230972	FDSN	CR	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=0															
A263A	0.60	45.5	Pg	00:21:52.878	-0.7	T__	684.4	___	ML	2.7	230961	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ	_	
A263A	0.60	45.5	Lg	00:22:03.286	1.4	T__		___			230960	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.7 magdef=1															
				(Station ML: 2.7 magdef=0															
ZAG	0.63	231.5	Lg	00:22:03.651	0.9	T__		___			230973	FDSN	CR	--	BUD	iLoc	BHN	???	_
A262A	0.65	350.2	Pg	00:21:54.376	-0.1	T__	1035.5	___	ML	2.9	230964	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ	_	
A262A	0.65	350.2	Lg	00:22:04.583	1.2	T__		___			230965	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.9 magdef=1															
				(Station ML: 2.9 magdef=0															
A265A	0.79	74.7	Pg	00:21:57.078	-0.1	T__	521.9	___	ML	2.7	230970	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ	_	
				(Reading ML: 2.7 magdef=1															
				(Station ML: 2.7 magdef=0															
BADH	0.80	42.4	Pg	00:21:56.074	-1.0	T__	263.0	___	ML	2.4	230969	FDSN	HU	--	BUD	iLoc	HHZ HHZ	_	
				(Reading ML: 2.4 magdef=1															
				(Station ML: 2.4 magdef=1															
A261A	0.80	23.2	Pg	00:21:56.019	-1.1	T__	321.0	___	ML	2.4	230968	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ	_	
				(Reading ML: 2.4 magdef=1															
				(Station ML: 2.4 magdef=1															
A273A	0.84	110.8	Pg	00:21:58.667	0.7	T__	432.7	___	ML	2.6	230976	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ	_	
A273A	0.84	110.8	Sn	00:22:11.996	0.3	T__		___			230975	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.6 magdef=1															
				(Station ML: 2.6 magdef=1															
CRES	0.95	245.8	Pg	00:21:59.488	0.2	T__	229.6	___	ML	2.4	230981	FDSN	SL	--	BUD	iLoc	BHZ BHZ	_	
CRES	0.95	245.8	Sn	00:22:14.826	0.5	T__		___			230982	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 2.4 magdef=1															
				(Station ML: 2.4 magdef=1															
KOVH	0.99	97.2	Pg	00:22:00.109	-0.7	T__	599.6	___	ML	2.8	230977	FDSN	HU	--	BUD	iLoc	HHZ HHZ	_	
KOVH	0.99	97.2	Sn	00:22:15.246	-0.2	T__		___			230978	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.8 magdef=1															
				(Station ML: 2.8 magdef=0															
A260A	1.06	0.6	Sn	00:22:18.222	1.0	T__		___			230974	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
A266A	1.13	73.8	Pg	00:22:02.008	-1.5	T__	241.6	___	ML	2.5	230980	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ	_	
A266A	1.13	73.8	Sn	00:22:20.121	1.2	T__		___			230979	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.5 magdef=1															
				(Station ML: 2.5 magdef=1															
EGYH	1.28	20.0	Pn	00:22:05.417	0.0	T__	147.3	___	ML	2.4	230985	FDSN	HU	--	BUD	iLoc	HHZ HHZ	_	
				(Reading ML: 2.4 magdef=1															
				(Station ML: 2.4 magdef=1															

ARSA	1.31	322.5	Pg	00:22:05.716	-0.1	T__	88.6	---	ML	2.2	230987	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.31	322.5	Lg	00:22:22.933	0.0	T__		---			230983	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
MORH	1.36	89.5	Pn	00:22:05.022	-1.4	T__	61.0	---	ML	2.0	230988	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
A267A	1.43	58.9	Pn	00:22:06.245	-1.3	T__	93.5	---	ML	2.3	230989	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
SOP	1.47	356.5	Lg	00:22:27.864	-0.5	T__		---			230990	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	1.48	34.5	Pn	00:22:08.910	0.7	T__	73.7	---	ML	2.2	230984	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
RONA	1.50	349.8	Pg	00:22:09.861	-0.2	T__		---			230992	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.50	349.8	Lg	00:22:29.033	-0.6	T__		---			230991	FDSN	OE	--	BUD	iLoc	HHE	???	_
OBKA	1.51	281.8	Pg	00:22:10.226	1.2	T__	97.7	---	ML	2.3	230993	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.51	281.8	Lg	00:22:30.092	0.0	T__		---			230994	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
BLY	1.51	166.6	Lg	00:22:30.749	1.8	T__		---			230995	FDSN	MN	--	BUD	iLoc	HHN	???	_
A272A	1.66	70.7	Lg	00:22:36.263	0.6	T__		---			230996	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU22A	1.70	85.5	Lg	00:22:38.162	1.6	T__		---			230997	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A271A	1.75	56.9	Pg	00:22:14.791	0.0	T__	120.4	---	ML	2.6	230999	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A271A	1.75	56.9	Lg	00:22:39.404	0.5	T__		---			230998	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
CONA	1.80	342.0	Pg	00:22:15.740	0.3	T__	36.9	---	ML	2.1	231000	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.80	342.0	Lg	00:22:40.427	1.8	T__		---			231001	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/16	02:18:39.13	1.69	0.42	46.2634	16.6756	11.7	5.5	164	0.4	3.6	7	4	143	0.22	1.01	ke	BUD	18002942	BUD			224

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	3 BUD	18002942

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BEHE	0.22	18.5	Pg	02:18:43.995	-0.1					T__		142.1		---	ML	1.1	231094	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.22	18.5	Lg	02:18:47.996	0.3					T__				---		231089	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KOGS	0.35	302.3	Pg	02:18:45.920	-0.3					T__	33.3			---	ML	0.8	231090	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.35	302.3	Lg	02:18:51.417	0.3					T__				---		231095	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CRES	0.95	243.2	Pg	02:18:57.858	0.3					T__	36.8			---	ML	1.6	231091	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.95	243.2	Lg	02:19:11.283	-0.1					T__				---		231093	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOVH	1.01	99.5	Lg	02:19:12.529	-0.3					T__				---		231092	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
2022/07/16	03:03:39.79	0.74	0.99	46.2327	16.6745	4.4	3.2	21	5.5	0.3	29	20	70	0.25	1.53	ke	BUD	18002944	BUD			137

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	12 BUD	18002944

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BEHE	0.25	16.4	Pg	03:03:44.780	-0.3					T__		2288.1		___	ML	2.3	231149	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.25	16.4	Lg	03:03:49.473	0.7					T__				---		231160	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=0)																					
KOGS	0.36	306.4	Pg	03:03:47.081	-0.1					T__		167.7		---	ML	1.5	231151	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.36	306.4	Lg	03:03:52.358	0.3					T__				---		231150	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=0)																					
A264A	0.43	99.5	Pg	03:03:48.597	-0.1					T__		198.4		---	ML	1.8	231153	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.43	99.5	Lg	03:03:55.736	1.1					T__				---		231161	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
PTJ	0.59	236.7	Lg	03:03:59.808	-0.4					T__				---		231162	FDSN	CR	--	BUD	iLoc	BHN	???	_	
A263A	0.60	47.1	Lg	03:04:00.779	0.6					T__				---		231163	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
A262A	0.64	350.9	Pg	03:03:52.778	0.3					T__		272.9		---	ML	2.3	231152	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=0)																					
A261A	0.79	24.3	Pg	03:03:56.079	0.6					T__		203.8		---	ML	2.2	231166	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.79	24.3	Lg	03:04:07.692	1.4					T__				---		231167	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
BADH	0.79	43.6	Lg	03:04:07.178	0.6					T__				---		231165	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A265A	0.80	75.7	Pg	03:03:55.488	-0.3					T__		191.2		---	ML	2.2	231164	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
CRES	0.94	244.8	Pg	03:03:58.000	0.2					T__		66.8		---	ML	1.8	231159	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
KOVH	1.00	97.8	Pg	03:03:58.256	-1.1					T__		166.8		---	ML	2.3	231154	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.00	97.8	Lg	03:04:13.466	0.9					T__				---		231168	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=1)																					
TIH	1.07	51.1	Pg	03:04:00.563	-0.1					T__		140.1		---	ML	2.2	231169	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
A266A	1.14	74.5	Sn	03:04:18.616	0.3					T__				---		231170	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
EGYH	1.27	20.6	Lg	03:04:23.197	0.7					T__				---		231171	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.29	322.5	Pn	03:04:04.208	-0.2					T__		55.5		---	ML	2.0	231155	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.29	322.5	Lg	03:04:20.751	-0.1					T__				---		231172	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
MORH	1.37	90.0	Pn	03:04:03.222	-2.2					T__		28.9		---	ML	1.7	231158	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.37	90.0	Lg	03:04:25.170	1.1					T__				---		231173	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					

(Station ML: 1.7 magdef=0  
 HU08A 1.47 35.1 Lg 03:04:29.818 1.6 T\_\_ --- 231175 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 RONA 1.49 350.1 Pn 03:04:07.331 0.1 T\_\_ --- 231156 FDSN OE -- BUD iLoc HHZ ??? \_  
 RONA 1.49 350.1 Lg 03:04:27.653 -0.7 T\_\_ --- 231157 FDSN OE -- BUD iLoc HHN ??? \_  
 OBKA 1.50 281.4 Lg 03:04:28.339 0.2 T\_\_ --- 231174 FDSN OE -- BUD iLoc HHN ??? \_  
 BLY 1.53 166.2 Pg 03:04:09.756 1.5 T\_\_ 31.1 --- ML 1.8 231177 FDSN MN -- BUD iLoc HHZ HHZ \_  
 BLY 1.53 166.2 Lg 03:04:30.133 2.2 T\_\_ --- 231176 FDSN MN -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/16	08:06:33.46	1.05	0.42	46.1357	18.3010	11.2	3.7	159	0.0f	5	3	179	0.15	0.39	sx	BUD	18002946	BUD				284

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	251.3	Pg	08:06:37.175	0.1					T__		456.4		---	ML	1.4	231217	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	251.3	Lg	08:06:39.896	-0.1					T__				---		231218	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
MORH	0.25	71.5	Pg	08:06:39.257	0.2					T__		161.4		---	ML	1.2	231215	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	71.5	Lg	08:06:43.018	-0.5					T__				---		231216	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
A266A	0.39	356.3	Lg	08:06:48.112	-0.1					T__				---		231219	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/17	01:15:59.15	0.78	1.00	46.2636	16.6883	4.4	3.5	0	11.0f	26	17	61	0.22	1.76	ke	BUD	18002948	BUD					114

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 10 BUD 18002948

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BEHE	0.22	16.3	Pg	01:16:03.441	-0.7					T__		835.8		---	ML	1.8	231290	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.22	16.3	Lg	01:16:07.057	-0.5					T__				---		231315	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
KOGS	0.36	301.5	Pg	01:16:05.417	-1.1					T__		128.3		---	ML	1.4	231300	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.36	301.5	Lg	01:16:11.077	-0.3					T__				---		231299	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
A264A	0.43	103.8	Pg	01:16:07.122	-0.9					T__		139.8		---	ML	1.6	231301	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.43	103.8	Lg	01:16:14.243	0.3					T__				---		231302	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
A262A	0.61	349.6	Pg	01:16:11.727	0.5					T__		180.9		---	ML	2.1	231303	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																									
PTJ	0.62	234.8	Lg	01:16:18.743	-1.8					T__				---		231291	FDSN	CR	--	BUD	iLoc	BHN	???	_	
ZAG	0.66	228.5	Pg	01:16:12.790	1.0					T__		289.8		---	ML	2.3	231293	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_

ZAG	0.66	228.5	Lg	01:16:20.687	-0.4	T__									231292	FDSN	CR	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.3 magdef=1)																						
	(Station ML: 2.3 magdef=0)																						
A265A	0.78	77.7	Pg	01:16:14.370	-0.2	T__	114.9																
A265A	0.78	77.7	Lg	01:16:26.859	1.8	T__																	
	(Reading ML: 2.0 magdef=1)																						
	(Station ML: 2.0 magdef=1)																						
A273A	0.86	113.5	Sn	01:16:29.304	-0.4	T__																	
CRES	0.96	243.4	Pg	01:16:16.707	-0.4	T__	65.1																
CRES	0.96	243.4	Lg	01:16:31.059	0.1	T__																	
	(Reading ML: 1.8 magdef=1)																						
	(Station ML: 1.8 magdef=1)																						
KOVH	1.00	99.6	Pg	01:16:17.875	-0.7	T__	107.2																
KOVH	1.00	99.6	Lg	01:16:32.191	0.7	T__																	
	(Reading ML: 2.1 magdef=1)																						
	(Station ML: 2.1 magdef=1)																						
EGYH	1.24	20.7	Lg	01:16:40.413	1.0	T__																	
ARSA	1.27	321.4	Pg	01:16:22.496	-0.3	T__	25.2																
ARSA	1.27	321.4	Sn	01:16:40.481	0.5	T__																	
	(Reading ML: 1.6 magdef=1)																						
	(Station ML: 1.6 magdef=0)																						
MORH	1.36	91.3	Sn	01:16:43.228	1.2	T__																	
RONA	1.46	349.6	Pg	01:16:26.474	-0.4	T__																	
OBKA	1.50	280.2	Pg	01:16:27.693	1.3	T__	35.8																
OBKA	1.50	280.2	Lg	01:16:46.939	-0.4	T__																	
	(Reading ML: 1.9 magdef=1)																						
	(Station ML: 1.9 magdef=1)																						
BLY	1.55	166.9	Lg	01:16:49.503	1.7	T__																	
CONA	1.76	341.6	Lg	01:16:56.767	1.8	T__																	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/17	22:01:21.67	0.81	0.59	47.7504	18.2322	4.1	3.1	111	2.7	11.2	15	9	96	0.08	1.31	ke	BUD	18002952	BUD			136

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.0	6 BUD	18002952

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SR0	0.08	41.0	Pg	22:01:23.353	-0.3					T__		1701.9			ML	1.8	231418	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.08	41.0	Lg	22:01:26.156	0.8					T__						231430	FDSN	SK	--	BUD	iLoc	EHN	???	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=0)																								
HU09A	0.15	137.7	Pg	22:01:24.723	-0.2					T__		203.5			ML	1.0	231419	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.15	137.7	Lg	22:01:27.641	-0.2					T__						231421	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.0 magdef=1)																								
	(Station ML: 1.0 magdef=1)																								
HU08A	0.38	213.3	Pg	22:01:29.406	-0.0					T__		49.1			ML	1.1	231420	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.38	213.3	Lg	22:01:34.689	-0.9					T__						231422	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.1 magdef=1)																								
	(Station ML: 1.1 magdef=1)																								
CSKK	0.39	177.2	Pg	22:01:29.704	0.1					T__		46.4			ML	1.0	231423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 1.0 magdef=1)																								
	(Station ML: 1.0 magdef=1)																								

EGYH	0.69	241.6	Pg	22:01:36.083	0.5	T__	43.2	___	ML	1.5	231431	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.69	241.6	Lg	22:01:46.338	0.8	T__		---			231424	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
VYHS	0.85	28.3	Pg	22:01:39.527	0.8	T__	10.4	___	ML	1.0	231425	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.85	28.3	Lg	22:01:50.830	-0.1	T__		---			231426	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=0)																			
MODS	0.89	314.6	Pg	22:01:39.162	-0.4	T__		---			231429	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.89	314.6	Lg	22:01:52.263	-0.7	T__		---			231432	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	1.17	341.5	Sn	22:02:01.384	-0.2	T__		---			231427	FDSN	CZ	--	BUD	iLoc	HHN	???	_
RONA	1.31	268.5	Sn	22:02:04.890	-0.0	T__		---			231428	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/18 07:01:10.59 1.91 0.78 48.0401 20.6854 13.1 5.2 4 0.0f 8 4 252 0.14 0.47 sx BUD 18002956 BUD 319

Magnitude Err Nsta Author OrigID  
 ML 1.1 0.2 4 BUD 18002956

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.14	307.4	Pg	07:01:13.887	-0.1					T__		343.4		___	ML	1.2	231543	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.14	307.4	Lg	07:01:17.105	0.3					T__				---		231548	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.45	55.2	Pg	07:01:20.318	0.4					T__		32.5		___	ML	1.1	231549	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	55.2	Lg	07:01:26.199	-1.5					T__				---		231550	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.46	343.3	Pg	07:01:20.426	0.4					T__		68.7		___	ML	1.4	231544	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	343.3	Lg	07:01:26.940	-0.3					T__				---		231546	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.47	348.0	Pg	07:01:20.360	0.3					T__		23.6		___	ML	1.0	231545	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	348.0	Lg	07:01:27.036	-0.3					T__				---		231547	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/18 10:54:06.53 1.01 1.15 47.1324 19.3520 18.0 4.0 123 0.0f 9 6 167 0.28 1.04 sx BUD 18002958 BUD 190

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 6 BUD 18002958

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU01A	0.28	40.6	Pg	10:54:14.084	0.9					T__		1006.7		___	ML	2.1	231617	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.28	40.6	Lg	10:54:17.593	-0.6					T__				---		231618	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU03A	0.79	12.2	Pg	10:54:24.271	1.1					T__		91.0		___	ML	1.9	231612	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									



```
(Station ML: 1.9 magdef=1
ET1H  0.83 25.0 Pg    10:54:24.152  0.1      T__      23.7      ___ ML    1.3 231619   FDSN HU    -- BUD   iLoc  HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
PSZ   0.87 24.9 Pg    10:54:24.881 -0.2      T__      80.6      _c_ ML    1.9 231613   FDSN GE    -- BUD   iLoc  HHZ HHZ _
PSZ   0.87 24.9 Lg    10:54:36.118 -2.2      T__      ___           231614   FDSN GE    -- BUD   iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A266A 0.96 231.3 Pg    10:54:26.313  0.5      T__      368.4     ___ ML    2.6 231620   FDSN ZJ    00 BUD   iLoc  HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
MORH  1.04 208.2 Pg    10:54:27.474 -0.3      T__      21.6      ___ ML    1.4 231615   FDSN HU    -- BUD   iLoc  HHZ HHZ _
MORH  1.04 208.2 Lg    10:54:42.271 -0.1      T__      ___           231616   FDSN HU    -- BUD   iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
```

```
   Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/07/18 12:01:12.34  1.19  0.94 46.0733  22.6101  8.2  5.0  18  0.0f    9  6 121  0.28  1.02  sx BUD  18002960  BUD  200
```

```
Magnitude  Err Nsta Author  OrigID
ML  1.6 0.3  3 BUD  18002960
```

```
Sta  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  0.28 132.8 Pg      12:01:18.044  0.4      T__      1312.0    ___ ML    2.2 231651   FDSN RO    -- BUD   iLoc  HHZ HHZ _
DEV  0.28 132.8 Lg      12:01:20.836 -0.8      T__      ___           231653   FDSN RO    -- BUD   iLoc  HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
SIRR  0.69 286.7 Lg      12:01:36.447 -0.7      T__      ___           231655   FDSN RO    -- BUD   iLoc  HHN ??? _
GZR   0.69 170.2 Pg      12:01:26.439  0.9      T__      53.9     ___ ML    1.6 231652   FDSN RO    -- BUD   iLoc  HHZ HHZ _
GZR   0.69 170.2 Lg      12:01:34.490 -0.9      T__      ___           231654   FDSN RO    -- BUD   iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR  0.72  5.5 Lg      12:01:38.257 -0.3      T__      ___           231659   FDSN RO    -- BUD   iLoc  HHN ??? _
BZS   0.83 237.0 Pg      12:01:28.917  0.3      T__      27.9     ___ ML    1.4 231656   FDSN RO    -- BUD   iLoc  HHZ HHZ _
BZS   0.83 237.0 Lg      12:01:39.598 -0.8      T__      ___           231657   FDSN RO    -- BUD   iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
LOT   1.02 127.2 Lg      12:01:45.552 -1.3      T__      ___           231658   FDSN RO    -- BUD   iLoc  HHN ??? _
```

```
   Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/07/19 07:06:33.54  0.87  0.75 48.5009  19.3140  5.4  3.3  2  0.0f    14 10 106  0.32  1.15  sx BUD  18002964  BUD  161
```

```
Magnitude  Err Nsta Author  OrigID
ML  1.5 0.4  4 BUD  18002964
```

```
Sta  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 0.32 268.9 Pg      07:06:40.316  0.1      T__      27.3     ___ ML    0.6 231732   FDSN SK    -- BUD   iLoc  HHZ HHZ _
VYHS 0.32 268.9 Lg      07:06:44.872 -0.2      T__      ___           231733   FDSN SK    -- BUD   iLoc  HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
```

HU03A	0.63	162.2	Lg	07:06:57.419	1.3	T__	---	---	231734	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU10A	0.69	196.9	Lg	07:06:58.054	-0.5	T__	---	---	231735	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.70	146.1	Lg	07:06:58.810	-0.4	T__	---	---	231736	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.73	148.9	Lg	07:06:58.721	-0.9	T__	---	---	231730	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KECS	0.78	90.9	Pg	07:06:49.303	0.2	T__	102.2	---	ML	1.9	231738	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.78	90.9	Lg	07:07:00.186	-0.6	T__	---	---	231737	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
JOS	0.82	89.9	Pg	07:06:49.446	-0.3	T__	43.3	---	ML	1.6	231726	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.82	89.9	Lg	07:07:00.986	-1.0	T__	---	---	231727	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU02A	0.89	114.7	Pg	07:06:52.951	1.0	T__	24.5	---	ML	1.4	231729	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	114.7	Lg	07:07:05.733	0.1	T__	---	---	231728	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
NIE	1.12	34.9	Lg	07:07:11.941	0.9	T__	---	---	231731	FDSN	PL	--	BUD	iLoc	BHN	???	_		
JAVC	1.15	288.8	Sn	07:07:12.977	-0.4	T__	---	---	231739	FDSN	CZ	--	BUD	iLoc	HHE	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/19	08:03:14.03	1.00	0.49	48.5769	20.7873	6.4	3.7	1	0.0f		15	10	90	0.18	1.30	sx	BUD	18002966	BUD			162

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	5 BUD	18002966

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.18	243.9	Pg	08:03:17.930	0.0					T__		232.2		---	ML	1.2	231826	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	243.9	Lg	08:03:21.326	0.4					T__				---		231833	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
KECS	0.22	245.1	Pg	08:03:18.423	-0.2					T__		610.0		---	ML	1.7	231827	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	245.1	Lg	08:03:22.623	0.4					T__				---		231834	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ABAH	0.41	132.8	Pg	08:03:22.605	0.1					T__		57.7		---	ML	1.2	231829	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	132.8	Lg	08:03:29.799	0.2					T__				---		231835	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.49	201.1	Lg	08:03:31.953	-0.3					T__				---		231828	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.89	222.5	Pg	08:03:33.063	0.3					T__		36.2		---	ML	1.6	231837	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	222.5	Lg	08:03:45.684	-0.4					T__				---		231830	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.90	339.3	Lg	08:03:44.260	0.4					T__				---		231836	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ET1H	0.93	221.6	Pg	08:03:34.510	1.1					T__		23.5		---	ML	1.4	231832	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.93	221.6	Lg	08:03:46.853	-0.2					T__				---		231831	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOLS	1.05	69.5	Lg	08:03:49.557	-0.6					T__				---		231838	FDSN	SK	--	BUD	iLoc	HHE	???	_	
TRPA	1.25	110.3	Sn	08:03:55.962	-0.3					T__				---		231839	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.30	267.1	Sn	08:03:56.970	-0.6					T__				---		231840	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
2022/07/19	09:31:14.79	0.87	0.69	48.3252	19.8504	3.9	3.2	148	0.0f		17	10	90	0.41	1.13	sx	BUD	18002968	BUD			145

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	7 BUD	18002968

Sta	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	175.8	Pg	09:31:23.992	0.2					T__		310.9		_c_	ML	1.9	231888	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	175.8	Lg	09:31:30.675	0.2					T__				---		231887	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
ET1H	0.45	178.2	Lg	09:31:31.067	-0.3					T__				---		231890	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.45	69.3	Pg	09:31:24.102	0.1					T__		319.8		---	ML	2.1	231883	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	69.3	Lg	09:31:30.821	-0.1					T__				---		231882	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
HU03A	0.45	201.8	Lg	09:31:31.889	0.4					T__				---		231889	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
JOS	0.49	69.3	Pg	09:31:24.576	-0.1					T__		176.0		_c_	ML	1.9	231881	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	69.3	Lg	09:31:32.118	-0.1					T__				---		231891	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU02A	0.49	114.0	Pg	09:31:25.289	0.0					T__		146.8		---	ML	1.8	231884	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	114.0	Lg	09:31:32.318	-1.0					T__				---		231885	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
VYHS	0.70	284.4	Pg	09:31:29.084	0.1					T__		27.2		---	ML	1.3	231893	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	284.4	Lg	09:31:38.588	-0.6					T__				---		231892	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
HU10A	0.74	229.6	Lg	09:31:41.018	-0.7					T__				---		231894	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.93	91.3	Pg	09:31:34.619	1.5					T__		138.8		---	ML	2.2	231895	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.93	91.3	Lg	09:31:46.305	-1.3					T__				---		231886	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
NIE	1.13	15.0	Pg	09:31:36.892	0.7					T__		19.1		---	ML	1.4	231896	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.13	15.0	Lg	09:31:52.522	-0.3					T__				---		231897	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/19	11:05:07.20	1.63	0.85	47.0922	19.5128	32.7	4.2	117	0.0f		9	6	197	0.81	1.40	sx	BUD	18002970	BUD			207

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	5 BUD	18002970

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.81	4.1	Pg	11:05:25.000	0.7					T__		108.9		---	ML	2.0	231932	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
ET1H	0.82	17.0	Pg	11:05:25.406	0.7					T__		24.0		---	ML	1.3	231933	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

ET1H	0.82	17.0	Lg	11:05:36.288	-0.8	T__									231938	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	0.87	17.2	Pg	11:05:26.169	0.5	T__								96.4	ML	2.0	231934	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	17.2	Lg	11:05:37.457	-1.5	T__											231939	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A266A	1.03	237.0	Pg	11:05:27.796	0.0	T__								197.5	ML	2.4	231935	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
MORH	1.06	214.6	Pg	11:05:28.762	-0.2	T__								20.8	ML	1.4	231936	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.06	214.6	Lg	11:05:43.864	-0.0	T__											231937	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOVH	1.40	224.6	Sn	11:05:53.423	0.3	T__											231940	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
2022/07/19	14:42:48.65	1.29	0.53	45.5316	17.8307	13.0	5.3	119	3.3	12.7	9	6	171	0.59	1.36	ke	BUD	18002972	BUD			244

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	4 BUD	18002972

Sta	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	18.6	Pg	14:43:00.328	-0.2					T__		34.7			ML	1.4	231996	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.59	18.6	Lg	14:43:08.876	0.2					T__						232000	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.89	39.4	Pg	14:43:06.036	-0.2					T__		79.9			ML	1.9	232001	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.89	39.4	Lg	14:43:19.683	0.6					T__						231995	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
BLY	0.91	210.5	Pg	14:43:06.315	-0.1					T__		74.2			ML	1.9	231999	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A266A	1.04	16.8	Pg	14:43:09.097	-0.0					T__		152.3			ML	2.3	231997	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	1.04	16.8	Sn	14:43:25.183	0.1					T__						231998	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
ZAG	1.33	283.5	Sn	14:43:31.832	-0.3					T__						232002	FDSN	CR	--	BUD	iLoc	BHE	???	_	
PTJ	1.36	286.7	Lg	14:43:34.731	0.9					T__						232003	FDSN	CR	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/20	06:45:59.37	1.24	0.85	48.9529	19.4417	9.1	4.7	161	0.0f		11	7	188	0.61	1.11	sx	BUD	18002976	BUD			260

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	4 BUD	18002976

Sta	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	221.4	Pg	06:46:12.735	1.0					T__		13.7			ML	1.0	232133	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.61	221.4	Lg	06:46:19.610	-1.0					T__						232132	FDSN	SK	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
NIE 0.73 50.1 Lg 06:46:23.696 0.1 T__ --- 232134 FDSN PL -- BUD iLoc BHN ??? _
KECS 0.84 123.8 Pg 06:46:16.835 0.9 T__ 182.0 --- ML 2.2 232127 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.84 123.8 Lg 06:46:28.904 0.5 T__ --- 232126 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
JOS 0.86 121.8 Pg 06:46:15.903 -0.4 T__ 31.2 --- ML 1.5 232124 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.86 121.8 Lg 06:46:29.123 0.0 T__ --- 232125 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 1.08 163.6 Pn 06:46:20.614 -1.2 T__ 29.1 --- ML 1.6 232130 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.08 163.6 Sn 06:46:37.285 -0.2 T__ --- 232129 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.10 138.7 Lg 06:46:38.307 1.0 T__ --- 232128 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.11 164.9 Lg 06:46:38.454 -0.1 T__ --- 232131 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
2022/07/20 07:10:09.53 1.52 0.56 48.0580 20.7010 9.5 4.7 135 0.0f 10 6 196 0.13 0.59 sx BUD 18002978 BUD 266

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 4 BUD 18002978

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.13 298.6 Pg 07:10:12.799 -0.1 T__ 429.5 --- ML 1.3 232163 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.13 298.6 Lg 07:10:15.255 -0.5 T__ --- 232164 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.43 56.3 Lg 07:10:25.398 -0.6 T__ --- 232172 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.45 341.4 Pg 07:10:19.336 0.7 T__ 160.4 --- ML 1.8 232166 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.45 341.4 Lg 07:10:25.508 -0.2 T__ --- 232165 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.45 346.2 Pg 07:10:19.080 0.4 T__ 39.8 --- ML 1.2 232167 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.45 346.2 Lg 07:10:25.033 -0.7 T__ --- 232168 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 255.8 Pg 07:10:21.545 -0.1 T__ 41.9 --- ML 1.4 232169 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.56 255.8 Lg 07:10:30.657 0.2 T__ --- 232170 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.59 252.5 Lg 07:10:31.606 0.6 T__ --- 232171 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
2022/07/20 07:58:06.51 0.89 1.04 48.4601 19.1581 7.1 3.1 22 0.0f 12 8 154 0.22 1.26 sx BUD 18002980 BUD 177

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 18002980

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Sta	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	0.22	279.1	Pg	07:58:11.466	0.3					T__		301.6		---	ML	1.4	232210	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.22	279.1	Lg	07:58:15.045	0.4					T__				---		232209	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU10A	0.62	188.7	Lg	07:58:28.815	-0.6					T__				---		232211	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.73	137.5	Pg	07:58:22.604	0.5					T__		52.3		---	ML	1.6	232206	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	137.5	Lg	07:58:33.085	-0.2					T__				---		232212	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.75	140.3	Lg	07:58:32.589	-0.9					T__				---		232213	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.92	87.3	Pg	07:58:25.745	1.0					T__		44.8		---	ML	1.7	232205	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	87.3	Lg	07:58:37.102	-1.4					T__				---		232214	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.97	109.8	Pg	07:58:27.060	0.6					T__		29.5		---	ML	1.5	232204	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JAVC	1.06	292.6	Pg	07:58:28.852	0.7					T__		58.7		---	ML	1.9	232215	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.06	292.6	Lg	07:58:42.233	-2.0					T__				---		232207	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
MODS	1.26	266.8	Sn	07:58:48.954	0.0					T__				---		232208	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
2022/07/20	09:03:11.64	0.50	0.44	48.0114	20.3684	9.9	3.1	139	0.0A	0.0	11	6	184	0.15	0.65	m	kx BUD	18002982	BUD			360
2022/07/20	09:03:09.54	0.91	1.36	47.9590	20.3545f				0.0f		11	6	196	0.20	0.68		kx BUD_GT	18002983	BUD_GT			221
(locality : Eger-III. Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	6 BUD	18002983

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.20	35.0	Pg	09:03:13.904	-0.3					T__		284.3		---	ML	1.3	232329	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	09:03:15.586	-2.4					T__				---		232335	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.31	262.7	Pg	09:03:18.391	1.7					T__		43.9		---	ML	0.8	232332	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	09:03:21.495	-0.6					T__				---		232336	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
ET1H	0.33	256.4	Pg	09:03:18.195	1.2					T__		19.5		---	ML	0.5	232330	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.33	256.4	Lg	09:03:23.190	0.8					T__				---		232333	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=0)																									
KECS	0.53	9.4	Pg	09:03:21.121	0.8					T__		115.0		---	ML	1.8	232331	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.53	9.4	Lg	09:03:27.049	-1.5					T__				---		232337	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
JOS	0.55	12.9	Pg	09:03:21.315	0.7					T__		23.2		---	ML	1.2	232334	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	12.9	Lg	09:03:27.291	-1.9					T__				---		232338	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 ABAH 0.68 60.0 Pn 09:03:24.943 -0.2 T\_\_ 39.7 \_\_\_ ML 1.5 232339 FDSN HU -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/20	09:20:32.98	1.06	0.46	48.5898	20.7833	6.4	4.0	0	0.0f		13	9	91	0.19	1.30	sx	BUD	18002984	BUD			163

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	4 BUD	18002984

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	240.0	Pg	09:20:37.166	0.2					T__		352.1		___	ML	1.4	232377	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	240.0	Lg	09:20:40.599	0.6					T__				---		232378	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KECS	0.22	241.8	Pg	09:20:37.614	-0.1					T__		914.4		___	ML	1.9	232379	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	241.8	Lg	09:20:41.740	0.4					T__				---		232384	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
ABAH	0.42	133.9	Pg	09:20:41.649	0.0					T__		77.0		___	ML	1.4	232380	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	133.9	Lg	09:20:49.573	0.6					T__				---		232383	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU02A	0.50	200.3	Lg	09:20:50.773	-0.8					T__				---		232385	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	0.89	339.2	Lg	09:21:02.070	-0.3					T__				---		232386	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	0.90	221.8	Lg	09:21:04.814	-0.5					T__				---		232387	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.94	220.9	Pg	09:20:52.440	-0.1					T__		22.3		___	ML	1.4	232381	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.94	220.9	Lg	09:21:05.989	-0.3					T__				---		232388	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KOLS	1.04	70.2	Lg	09:21:09.209	0.1					T__				---		232389	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.30	266.5	Sn	09:21:16.104	-0.3					T__				---		232382	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
2022/07/20	11:27:26.81	0.72	1.18	48.7145	18.6295	5.5	3.4	44	0.0f		18	12	72	0.26	1.69	sx	BUD	18002986	BUD			132

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	18002986

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.26	148.1	Pg	11:27:33.597	1.3					T__		71.9		___	ML	0.9	232474	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.26	148.1	Lg	11:27:38.454	2.1					T__				---		232478	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0																									
JAVC	0.65	283.2	Lg	11:27:49.673	-0.8					T__				---		232479	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
HU10A	0.91	163.2	Pg	11:27:45.667	0.3					T__		96.8		___	ML	2.0	232476	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.91	163.2	Lg	11:27:57.426	-2.2					T__				---		232475	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1																									

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(Station ML: 2.0 magdef=1
MODS 0.96 249.7 Lg 11:28:00.927 0.1 T__ --- 232480 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.16 132.9 Sn 11:28:06.062 -0.9 T__ --- 232473 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.18 134.8 Sn 11:28:06.445 -0.8 T__ --- 232481 FDSN HU -- BUD iLoc HHN ??? _
KECS 1.25 99.9 Pg 11:27:52.440 0.9 T__ 75.1 --- ML 2.1 232471 FDSN SK -- BUD iLoc EHN EHZ _
KECS 1.25 99.9 Lg 11:28:09.129 -0.2 T__ --- 232470 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MORC 1.28 326.6 Pg 11:27:51.604 1.0 T__ 25.6 --- ML 1.6 232477 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.28 326.6 Lg 11:28:09.352 1.0 T__ --- 232482 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 1.29 99.1 Pn 11:27:50.359 -1.7 T__ 23.5 --- ML 1.6 232468 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.29 99.1 Sn 11:28:10.115 0.2 T__ --- 232469 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CSKK 1.37 190.5 Sn 11:28:12.774 0.6 T__ --- 232484 FDSN HU -- BUD iLoc HHE ??? _
HU02A 1.39 114.4 Pn 11:27:52.404 -1.2 T__ 25.5 --- ML 1.7 232472 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.39 114.4 Sn 11:28:12.598 -0.1 T__ --- 232483 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
OJC 1.69 26.4 Sn 11:28:19.426 -0.5 T__ --- 232485 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
2022/07/20 11:41:06.25 1.02 1.52 47.1564 19.3664 20.3 4.0 115 0.0f 9 6 165 0.76 1.07 sx BUD 18002988 BUD 182

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Magnitude Err Nsta Author OrigID
ML 1.9 0.3 6 BUD 18002988

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.76 11.9 Pg 11:41:24.220 1.9 T__ 103.8 --- ML 1.9 232556 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.80 25.1 Pg 11:41:23.762 0.5 T__ 23.5 --- ML 1.3 232554 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.80 25.1 Lg 11:41:33.322 -2.0 T__ --- 232557 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
PSZ 0.84 24.9 Pg 11:41:24.830 0.6 T__ 78.7 _c_ ML 1.9 232559 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.84 24.9 Lg 11:41:35.457 -1.7 T__ --- 232558 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU22A 0.84 191.1 Pg 11:41:24.525 1.4 T__ 266.6 --- ML 2.4 232560 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
A266A 0.98 230.6 Pg 11:41:26.203 0.2 T__ 178.1 --- ML 2.3 232561 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MORH 1.07 208.1 Pg 11:41:27.423 -0.6 T__ 18.9 --- ML 1.4 232555 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.07 208.1 Lg 11:41:42.271 -0.7 T__ --- 232562 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/20	11:43:14.66	0.75	1.11	48.7529	18.7187	5.5	3.3	39	0.0f	16	11	137	0.27	1.36	sx	BUD	18002990	BUD				182

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	18002990

Sta	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	0.27	163.2	Pg	11:43:21.519	1.2					T__		62.5		___	ML	0.8	232606	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.27	163.2	Lg	11:43:24.842	0.3					T__				---		232618	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
JAVC	0.70	279.1	Pg	11:43:29.010	-0.1					T__		42.7		___	ML	1.5	232608	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.70	279.1	Lg	11:43:40.696	0.7					T__				---		232609	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
A338A	0.78	198.4	Lg	11:43:42.807	-0.1					T__				---		232619	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
HU10A	0.93	167.5	Lg	11:43:46.423	-1.8					T__				---		232610	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MODS	1.03	248.9	Lg	11:43:50.956	-0.0					T__				---		232611	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.15	136.4	Sn	11:43:52.787	-1.7					T__				---		232612	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.16	138.2	Pn	11:43:37.432	-0.8					T__		17.7		___	ML	1.4	232614	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.16	138.2	Sn	11:43:53.135	-1.7					T__				---		232613	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	1.20	102.3	Lg	11:43:54.632	-0.8					T__				---		232615	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	1.24	101.3	Pg	11:43:39.680	0.7					T__		23.4		___	ML	1.6	232604	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
MORC	1.28	323.5	Pg	11:43:38.192	-0.3					T__		29.7		___	ML	1.7	232607	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.28	323.5	Lg	11:43:57.912	1.6					T__				---		232616	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
HU02A	1.36	117.0	Pn	11:43:41.447	0.5					T__		27.3		___	ML	1.7	232605	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.36	117.0	Sn	11:44:00.400	0.7					T__				---		232617	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/20	23:21:56.84	0.77	0.65	47.8611	18.7280	5.0	2.5	160	11.0	7.5	17	11	95	0.20	1.10	ke	BUD	18002994	BUD				147

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	6 BUD	18002994

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.20	94.5	Pg	23:22:02.045	0.6					T__		116.0		___	ML	0.9	232661	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.20	94.5	Lg	23:22:04.820	-0.3					T__				---		232662	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
SR0	0.28	260.4	Pg	23:22:02.811	-0.1					T__		251.5		___	ML	1.5	232664	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.28	260.4	Lg	23:22:07.714	-0.3					T__				---		232665	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									

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(Station ML: 1.5 magdef=1
HU09A 0.32 226.5 Pg 23:22:03.633 -0.1 T__ 173.9 --- ML 1.4 232666 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.32 226.5 Lg 23:22:08.842 -0.5 T__ --- 232672 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU03A 0.59 85.5 Pg 23:22:09.549 0.4 T__ 33.0 --- ML 1.3 232663 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.59 85.5 Lg 23:22:17.465 -0.4 T__ --- 232673 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VYHS 0.64 6.5 Pg 23:22:10.298 0.5 T__ 9.9 --- ML 0.9 232667 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.64 6.5 Lg 23:22:18.423 -0.7 T__ --- 232668 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
HU08A 0.69 232.0 Lg 23:22:21.929 0.4 T__ --- 232670 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 0.77 88.2 Lg 23:22:22.915 -1.2 T__ --- 232669 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.79 85.4 Lg 23:22:24.551 -0.6 T__ --- 232674 FDSN GE -- BUD iLoc HHN ??? _
A267A 0.93 190.4 Sn 23:22:28.576 -0.6 T__ --- 232675 FDSN ZJ 00 BUD iLoc HHN ??? _
EGYH 1.04 245.3 Pg 23:22:18.552 1.1 T__ 65.2 --- ML 1.9 232677 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 1.04 245.3 Sn 23:22:32.247 0.3 T__ --- 232676 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MODS 1.10 298.4 Sn 23:22:33.399 0.0 T__ --- 232671 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
2022/07/21 00:42:38.10 0.94 0.74 48.3699 22.1524 5.6 5.0 38 12.9 15.1 11 7 124 0.35 1.12 ke BUD 18002996 BUD 215

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD 18002996

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Sta 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 0.35 132.7 Pg 00:42:45.410 0.1 T__ 26.2 --- ML 0.7 232710 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.35 132.7 Lg 00:42:50.432 -0.8 T__ --- 232718 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
HU07A 0.42 202.4 Lg 00:42:54.832 1.2 T__ --- 232711 FDSN ZJ 00 BUD iLoc HHE ??? _
KOLS 0.57 8.0 Pg 00:42:49.373 0.2 T__ --- 232713 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.57 8.0 Lg 00:42:57.918 -0.1 T__ --- 232712 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.61 263.4 Pg 00:42:50.286 0.0 T__ 28.4 --- ML 1.3 232714 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.61 263.4 Lg 00:42:58.667 -0.9 T__ --- 232715 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
JOS 1.08 277.3 Pg 00:42:58.977 -0.3 T__ 16.9 --- ML 1.3 232717 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.08 277.3 Lg 00:43:13.639 -0.4 T__ --- 232719 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 1.12 257.8 Sn 00:43:14.826 0.1 T__ --- 232716 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 1.12 276.5 Lg 00:43:15.844 0.6 T__ --- 232720 FDSN SK -- BUD iLoc EHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/21 07:34:57.57 0.99 1.18 46.0114 22.8316 7.1 4.0 60 0.0f 11 6 136 0.14 0.94 sx BUD 18002998 BUD 202

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Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 5 BUD 18002998

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DEV	0.14	158.6	Pg	07:34:59.981	-0.2					T__		863.9		---	ML	1.6 232750	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.14	158.6	Lg	07:35:02.903	0.8					T__				---		232749	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
GZR	0.62	183.6	Pg	07:35:09.367	-0.1					T__		59.9		---	ML	1.6 232751	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.62	183.6	Lg	07:35:18.971	0.7					T__				---		232752	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
DRGR	0.78	353.9	Pg	07:35:13.895	0.5					T__		49.1		---	ML	1.6 232755	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.78	353.9	Lg	07:35:22.805	-2.7					T__				---		232754	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
SIRR	0.85	287.9	Pg	07:35:15.575	0.6					T__		44.0		---	ML	1.6 232758	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.85	287.9	Lg	07:35:26.092	-1.2					T__				---		232757	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								
LOT	0.87	130.3	Pg	07:35:14.343	0.1					T__		152.1		---	ML	2.2 232759	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.87	130.3	Lg	07:35:26.457	-0.4					T__				---		232753	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								
BZS	0.94	245.5	Lg	07:35:28.429	-0.6					T__				---		232756	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/21 07:50:45.04 0.92 0.68 48.2444 21.1994 6.2 3.8 161 0.0f 20 11 130 0.06 1.32 sx BUD 18003000 BUD 181

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.1 8 BUD 18003000

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.06	27.5	Pg	07:50:46.451	-0.3					T__		23852.8		---	ML	2.8 232804	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	27.5	Lg	07:50:48.058	-0.5					T__				---		232805	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																								
(Station ML: 2.8 magdef=0)																								
HU02A	0.47	255.1	Pg	07:50:55.051	0.1					T__		75.0		---	ML	1.5 232808	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	255.1	Lg	07:51:02.574	-0.1					T__				---		232809	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
JOS	0.51	300.0	Pg	07:50:55.782	0.5					T__		96.0		---	ML	1.7 232807	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	300.0	Lg	07:51:02.793	-0.3					T__				---		232806	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KECS	0.53	296.9	Pg	07:50:56.329	0.5					T__		147.2		---	ML	1.9 232811	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.53	296.9	Lg	07:51:03.341	-0.6					T__				---		232810	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
HU23A	0.88	226.9	Lg	07:51:16.552	-0.2					T__				---		232818	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
TRPA	0.90	96.8	Pg	07:51:03.012	0.4					T__		117.2		---	ML	2.1 232812	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

TRPA	0.90	96.8	Lg	07:51:15.867	-1.6	T__	---	232813	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
PSZ	0.93	250.0	Pg	07:51:04.765	0.0	T__	56.2	---	ML	1.8	232815	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.93	250.0	Lg	07:51:18.013	-0.7	T__	---	232819	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ET1H	0.96	248.2	Pg	07:51:05.203	0.0	T__	43.0	---	ML	1.7	232816	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.96	248.2	Lg	07:51:19.327	0.0	T__	---	232821	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
KOLS	0.99	45.6	Pg	07:51:05.057	1.1	T__	---	232814	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
KOLS	0.99	45.6	Lg	07:51:19.327	-0.7	T__	---	232820	FDSN	SK	--	BUD	iLoc	HHN	???	_			
HU03A	1.13	253.0	Sn	07:51:24.294	0.1	T__	---	232822	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
NIE	1.32	333.5	Pg	07:51:09.001	-0.9	T__	26.0	---	ML	1.6	232817	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.32	333.5	Sn	07:51:29.845	0.8	T__	---	232823	FDSN	PL	--	BUD	iLoc	BHN	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/21	07:58:12.69	0.97	0.58	47.3538	18.3861	5.7	4.7	140	0.0f		9	8	109	0.09	1.18	sx	BUD	18003002	BUD			214

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
CSKK	0.09	276.2	Pg	07:58:14.954	-0.1					T__		1518.2		---	ML	1.7	232856	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.09	276.2	Lg	07:58:17.437	-0.0					T__				---		232857	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=0)																										
HU09A	0.28	359.5	Lg	07:58:23.919	-0.3					T__				---		232858	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU08A	0.32	284.0	Lg	07:58:25.724	0.3					T__				---		232863	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU10A	0.65	40.8	Lg	07:58:36.642	-0.3					T__				---		232864	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
ET1H	1.13	61.8	Sn	07:58:52.624	0.5					T__				---		232860	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MORH	1.15	171.1	Lg	07:58:51.899	-0.4					T__				---		232859	FDSN	HU	--	BUD	iLoc	HHE	???	_		
PSZ	1.17	60.5	Sn	07:58:54.113	1.1					T__				---		232861	FDSN	GE	--	BUD	iLoc	HHN	???	_		
VYHS	1.18	14.7	Sn	07:58:52.979	-0.3					T__				---		232862	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
2022/07/21	08:02:40.31	1.22	1.48	48.7413	20.8377	6.8	5.8	22	0.0f		11	8	176	0.32	1.35	sx	BUD	18003004	BUD			248

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	3 BUD	18003004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.32	219.0	Pg	08:02:47.903	1.2					T__		337.6		---	ML	1.7	232887	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.32	219.0	Lg	08:02:51.646	-0.0					T__				---		232888	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
KECS	0.35	222.3	Pg	08:02:48.409	1.0					T__		1383.3		---	ML	2.4	232890	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.35	222.3	Lg	08:02:52.554	-0.2					T__				---		232889	FDSN	SK	--	BUD	iLoc	EHN	???	_		

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(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
ABAH 0.52 148.9 Pg 08:02:51.951 1.1 T__ 60.6 ___ ML 1.5 232892 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.52 148.9 Lg 08:02:58.140 -1.5 T__ ___ 232893 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.65 198.7 Lg 08:03:02.109 -2.0 T__ ___ 232891 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 0.76 332.6 Lg 08:03:04.285 -1.4 T__ ___ 232894 FDSN PL -- BUD iLoc BHN ??? _
PSZ 1.04 217.7 Sn 08:03:15.601 -1.8 T__ ___ 232895 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.08 217.1 Sn 08:03:16.757 -1.5 T__ ___ 232896 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.35 260.2 Sn 08:03:25.267 0.2 T__ ___ 232897 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
2022/07/21 10:30:08.14 1.14 0.89 47.1684 19.2199 19.6 5.0 114 0.0f 6 5 153 0.78 1.03 sx BUD 18003006 BUD 176

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 5 BUD 18003006

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.78 19.1 Pg 10:30:25.271 0.7 T__ 85.8 ___ ML 1.9 232936 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU22A 0.84 184.2 Pg 10:30:25.830 0.8 T__ 195.8 ___ ML 2.3 232938 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
PSZ 0.88 31.1 Pg 10:30:26.033 -0.8 T__ 83.6 _c_ ML 1.9 232937 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A266A 0.92 225.9 Pg 10:30:26.720 0.1 T__ 283.2 ___ ML 2.5 232939 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
MORH 1.03 202.8 Pg 10:30:28.830 -0.4 T__ 17.7 ___ ML 1.3 232940 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.03 202.8 Lg 10:30:43.220 -0.6 T__ ___ 232941 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/21 10:40:49.65 1.05 0.29 48.3354 19.8368 6.4 4.1 130 0.0f 9 5 147 0.42 0.69 sx BUD 18003008 BUD 253

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```

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 4 BUD 18003008

```

```

Sta 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 0.42 174.7 Pg 10:40:58.982 0.1 T__ 95.2 ___ ML 1.4 232976 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.42 174.7 Lg 10:41:05.610 -0.1 T__ ___ 232977 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.46 70.9 Pg 10:40:58.919 0.0 T__ 125.4 ___ ML 1.7 232975 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.46 70.9 Lg 10:41:06.427 0.5 T__ ___ 232971 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1

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```

(Station ML: 1.7 magdef=1
ET1H 0.46 177.1 Pg 10:40:59.712 0.2 T__ 45.3 ___ ML 1.2 232979 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.46 177.1 Lg 10:41:06.212 -0.4 T__ ___ 232978 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
JOS 0.49 70.8 Pg 10:40:59.342 -0.3 T__ 59.4 ___ ML 1.4 232972 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.49 70.8 Lg 10:41:07.157 -0.1 T__ ___ 232973 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 0.69 283.8 Lg 10:41:13.671 -0.0 T__ ___ 232974 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
2022/07/21 11:13:05.59 1.04 0.69 48.6440 21.4171 6.5 5.1 40 0.0f 16 8 167 0.37 1.29 sx BUD 18003010 BUD 241

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 8 BUD 18003010

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.37 198.8 Pg 11:13:13.475 0.3 T__ 150.5 ___ ML 1.5 233024 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.37 198.8 Lg 11:13:19.793 0.1 T__ ___ 233033 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.60 256.1 Pg 11:13:17.711 0.1 T__ 71.9 ___ ML 1.7 233022 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.60 256.1 Lg 11:13:26.402 -0.3 T__ ___ 233023 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.64 255.8 Pg 11:13:18.222 -0.2 T__ 176.3 ___ ML 2.1 233021 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.64 255.8 Lg 11:13:28.301 0.3 T__ ___ 233020 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU02A 0.79 229.0 Pg 11:13:21.801 -0.1 T__ 48.4 ___ ML 1.6 233018 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 229.0 Lg 11:13:33.268 -0.9 T__ ___ 233019 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TRPA 0.91 124.1 Pg 11:13:23.335 0.1 T__ 79.4 ___ ML 1.9 233032 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.91 124.1 Lg 11:13:36.409 -1.5 T__ ___ 233031 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.07 316.9 Pg 11:13:25.745 0.0 T__ 20.7 ___ ML 1.4 233029 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.07 316.9 Lg 11:13:42.471 0.7 T__ ___ 233030 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
PSZ 1.25 235.0 Pn 11:13:30.712 0.3 T__ 46.7 ___ ML 1.9 233025 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.25 235.0 Sn 11:13:47.802 -0.1 T__ ___ 233026 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 1.29 234.0 Pn 11:13:29.908 -0.9 T__ 24.2 ___ ML 1.6 233028 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.29 234.0 Sn 11:13:49.847 1.1 T__ ___ 233027 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/21	11:15:13.85	0.90	0.38	47.8657	16.0804	5.9	3.9	34	0.0f	8	5	81	0.16	1.22	sx	BUD	18003012	BUD				158

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.16	293.1	Pg	11:15:17.135	-0.1					T__		232.9		---	ML	1.1	233066	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	293.1	Lg	11:15:19.881	0.2					T__				---		233067	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
RONA	0.22	138.7	Pg	11:15:18.762	0.2					T__				---		233069	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.22	138.7	Lg	11:15:21.203	-0.6					T__				---		233068	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.72	211.7	Lg	11:15:37.067	0.1					T__				---		233070	FDSN	OE	--	BUD	iLoc	HHE	???	_	
MODS	0.95	57.2	Lg	11:15:47.593	-0.2					T__				---		233071	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KRUC	1.22	9.8	Pg	11:15:37.550	0.4					T__		21.7		---	ML	1.5	233073	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	9.8	Sn	11:15:55.372	0.1					T__				---		233072	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/21	12:07:44.47	0.78	1.00	48.9515	19.3856	5.1	3.7	165	0.0f	16	9	106	0.58	1.46	sx	BUD	18003014	BUD					175

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 7 BUD 18003014

Sta	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	0.58	218.7	Pg	12:07:57.808	1.5					T__		9.5		---	ML	0.8	233118	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.58	218.7	Lg	12:08:04.309	-0.6					T__				---		233117	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
NIE	0.76	51.7	Pg	12:07:59.342	0.5					T__		12.3		---	ML	1.0	233116	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.76	51.7	Lg	12:08:10.992	1.3					T__				---		233119	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.87	122.3	Pg	12:08:01.095	-0.6					T__		82.3		---	ML	1.9	233110	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.87	122.3	Lg	12:08:14.169	-0.3					T__				---		233109	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
JOS	0.89	120.4	Pg	12:08:01.752	-0.3					T__		27.9		---	ML	1.4	233107	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.89	120.4	Lg	12:08:14.716	-0.5					T__				---		233108	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	1.09	161.7	Pn	12:08:07.011	-0.0					T__		27.9		---	ML	1.6	233114	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.09	161.7	Sn	12:08:22.787	-0.0					T__				---		233113	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	1.12	163.0	Lg	12:08:22.568	-1.4					T__				---		233115	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	1.12	137.2	Pn	12:08:07.961	0.5					T__		30.7		---	ML	1.6	233111	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.12	137.2	Lg	12:08:22.860	-0.3					T__				---		233112	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JAVC	1.14	266.0	Pg	12:08:07.413	0.0					T__		36.8		---	ML	1.7	233121	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_





MODS	1.27	327.1	Pn	06:04:29.397	0.2	T__	---	233246	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.27	327.1	Sn	06:04:47.948	-0.2	T__	---	233245	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	1.42	286.4	Lg	06:04:52.749	1.2	T__	---	233259	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/22	06:29:22.08	0.95	0.96	48.3850	19.5287	7.5	3.8	10	0.0f	8	6	156	0.47	0.72	sx	BUD	18003020	BUD				284

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
VYHS	0.47	283.6	Pg	06:29:32.217	0.4					T__		17.2		---	ML	0.9	233298	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.47	283.6	Lg	06:29:38.133	-0.8					T__				---		233297	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1)																										
(Station ML: 0.9 magdef=1)																										
PSZ	0.53	152.2	Lg	06:29:41.478	-0.4					T__				---		233294	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.56	155.5	Lg	06:29:42.545	0.2					T__				---		233295	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KECS	0.64	80.9	Lg	06:29:44.711	-0.1					T__				---		233293	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.68	80.3	Pg	06:29:36.354	0.7					T__		35.4		---	ML	1.4	233292	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.68	80.3	Lg	06:29:45.411	-0.6					T__				---		233296	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
HU02A	0.72	111.2	Lg	06:29:46.501	-1.7					T__				---		233299	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/22	07:02:23.88	0.94	1.16	47.9050	19.4652	6.7	3.0	0	0.0f	10	5	163	0.27	0.93	sx	BUD	18003022	BUD				229

Magnitude Err Nsta Author OrigID  
ML 1.1 0.0 5 BUD 18003022

Sta	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	0.27	95.3	Pg	07:02:29.791	-0.3					T__		79.4		---	ML	1.0	233327	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.27	95.3	Lg	07:02:35.451	0.7					T__				---		233328	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=0)																										
PSZ	0.29	87.2	Pg	07:02:31.113	0.6					T__		88.4		---	ML	1.1	233329	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.29	87.2	Lg	07:02:34.601	-1.0					T__				---		233330	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
HU10A	0.31	258.9	Pg	07:02:31.424	0.9					T__		273.2		---	ML	1.6	233325	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU10A	0.31	258.9	Lg	07:02:33.870	-2.0					T__				---		233326	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=0)																										
VYHS	0.72	324.7	Pg	07:02:39.145	0.5					T__		13.5		---	ML	1.0	233332	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.72	324.7	Lg	07:02:48.858	-0.5					T__				---		233331	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										
JOS	0.93	50.2	Pg	07:02:43.447	1.1					T__		22.8		---	ML	1.4	233334	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.93	50.2	Lg	07:02:55.498	-0.9					T__				---		233333	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/22	08:58:24.68	1.09	1.27	48.9912	21.2413	7.7	4.3	160	0.0f		13	8	149	0.68	1.44	sx	BUD	18003024	BUD			229

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	18003024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.68	223.4	Pg	08:58:37.175	-1.0					T__		36.5		---	ML	1.4	233430	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	223.4	Lg	08:58:47.766	-0.6					T__				---		233431	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOLS	0.68	94.5	Pg	08:58:37.384	-0.4					T__				---		233440	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.68	94.5	Lg	08:58:47.823	-1.0					T__				---		233441	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.70	180.1	Pg	08:58:40.024	1.5					T__		55.7		---	ML	1.6	233437	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.70	180.1	Lg	08:58:49.519	-0.5					T__				---		233436	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.71	224.8	Pg	08:58:37.906	-1.0					T__		89.7		---	ML	1.8	233433	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.71	224.8	Lg	08:58:48.642	-0.9					T__				---		233432	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	0.75	305.0	Lg	08:58:51.568	2.0					T__				---		233439	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.99	209.0	Pg	08:58:44.114	-0.9					T__		26.2		---	ML	1.5	233434	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	209.0	Lg	08:58:59.452	-0.0					T__				---		233435	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
TRPA	1.22	134.5	Sn	08:59:05.655	-0.5					T__				---		233442	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.44	219.9	Sn	08:59:13.767	2.2					T__				---		233438	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
2022/07/22	09:04:54.71	0.90	1.29	48.8081	21.6448	6.0	3.7	160	0.0f		16	9	127	0.43	1.89	sx	BUD	18003026	BUD			193

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	6 BUD	18003026

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.43	73.0	Pg	09:05:02.994	-0.2					T__				---		233492	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.43	73.0	Lg	09:05:10.590	0.1					T__				---		233491	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.58	207.9	Pg	09:05:07.194	0.9					T__		141.9		---	ML	2.0	233486	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.58	207.9	Lg	09:05:15.045	-1.0					T__				---		233485	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.80	247.3	Pg	09:05:10.626	0.1					T__		122.4		---	ML	2.0	233483	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	247.3	Lg	09:05:20.450	-1.9					T__				---		233484	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KECS	0.83	247.5	Pg	09:05:11.503	0.2					T__		258.8		---	ML	2.4	233482	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.83	247.5	Lg	09:05:22.970	-0.7					T__				---		233481	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.4 magdef=1)																									

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(Station ML: 2.4 magdef=0
TRPA 0.90 138.4 Pg 09:05:12.197 -0.0 T__ 106.9 --- ML 2.0 233489 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.90 138.4 Lg 09:05:26.804 0.0 T__ --- 233490 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 1.01 227.8 Pg 09:05:13.977 -1.5 T__ 123.7 --- ML 2.2 233479 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.01 227.8 Lg 09:05:28.521 -2.1 T__ --- 233480 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
NIE 1.07 305.1 Pg 09:05:15.556 0.6 T__ 29.8 --- ML 1.6 233488 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.07 305.1 Lg 09:05:29.141 -1.8 T__ --- 233487 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ET1H 1.50 232.5 Sn 09:05:44.304 1.0 T__ --- 233494 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.89 261.5 Sn 09:05:54.850 2.1 T__ --- 233493 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
2022/07/22	09:47:23.73	1.08	1.20	48.7914	20.1437	6.3	4.7	31	0.0f	8	6	129	0.38	0.92	sx	BUD	18003028	BUD				246

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
KECS	0.38	143.5	Lg	09:47:37.048	-0.3					T__					233549	FDSN	SK	--	BUD	iLoc	EHE	???	_			
JOS	0.40	138.3	Pg	09:47:31.807	0.1					T__	42.2			---	ML	1.0	233547	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.40	138.3	Lg	09:47:37.906	0.1					T__				---		233548	FDSN	ZJ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										
NIE	0.64	9.2	Lg	09:47:44.079	-0.8					T__				---		233552	FDSN	PL	--	BUD	iLoc	BHE	???	_		
HU02A	0.72	159.1	Lg	09:47:50.048	0.3					T__				---		233550	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.89	190.9	Lg	09:47:54.211	-1.5					T__				---		233551	FDSN	GE	--	BUD	iLoc	HHE	???	_		
VYHS	0.92	251.5	Pg	09:47:43.422	1.2					T__	10.6			---	ML	1.0	233553	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.92	251.5	Lg	09:47:53.866	-1.6					T__				---		233554	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/23	16:00:55.21	0.65	0.91	47.4463	16.9362	2.9	2.5	38	11.6	5.3	99	60	41	0.23	4.55	ke	BUD	18003040	BUD				59

Magnitude Err Nsta Author OrigID  
ML 3.4 0.1 52 BUD 18003040

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
A260A	0.23	224.0	Pg	16:00:59.501	-0.8					T__	66690.4			_c_	ML	3.8	233952	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A260A	0.23	224.0	Lg	16:01:03.150	-0.8					T__				---		233953	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.8 magdef=1)																										
(Station ML: 3.8 magdef=0)																										
EGYH	0.27	96.1	Pg	16:01:02.341	1.2					T__	28911.1			_d_	ML	3.5	233955	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
EGYH	0.27	96.1	Lg	16:01:07.237	1.6					T__				---		233954	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 3.5 magdef=1)																										
(Station ML: 3.5 magdef=1)																										

SOP	0.35	313.0	Pg	16:01:02.321	-0.2	T__	3545.4	___	ML	2.8	233956	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.35	313.0	Lg	16:01:07.237	-0.3	T__		---			233957	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
RONA	0.50	300.6	Pg	16:01:04.890	-0.6	T__		---			233958	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.50	300.6	Lg	16:01:12.289	-0.1	T__		---			233961	FDSN	OE	--	BUD	iLoc	HHN	???	_
A261A	0.52	163.6	Pg	16:01:04.551	-1.1	T__	6631.7	---	ML	3.6	233960	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.52	163.6	Lg	16:01:13.083	0.1	T__		---			233959	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
A262A	0.65	205.7	Pg	16:01:07.302	-0.8	T__	13298.9	---	ML	4.0	233963	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.65	205.7	Sn	16:01:16.658	-2.6	T__		---			233962	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 4.0 magdef=1)																			
(Station ML: 4.0 magdef=0)																			
HU08A	0.67	90.9	Pg	16:01:08.051	-0.5	T__	5301.0	---	ML	3.6	233964	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.67	90.9	Lg	16:01:17.741	-1.2	T__		---			233965	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=0)																			
BADH	0.74	150.1	Pn	16:01:09.836	-0.4	T__	3820.9	---	ML	3.5	233967	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.74	150.1	Lg	16:01:20.057	0.1	T__		---			233966	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
ZST	0.76	8.4	Pg	16:01:09.841	-0.6	T__		---			233968	FDSN	SK	--	BUD	iLoc	HHZ	???	_
A263A	0.85	162.0	Pg	16:01:12.107	0.4	T__	4864.0	---	ML	3.7	233970	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.85	162.0	Sn	16:01:23.809	-0.3	T__		---			233969	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=0)																			
TIH	0.85	129.6	Pg	16:01:11.894	0.1	T__	7101.9	---	ML	3.8	233971	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.85	129.6	Sn	16:01:23.627	-0.8	T__		---			233972	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=0)																			
CONA	0.87	304.0	Pg	16:01:11.682	-0.8	T__	2361.7	---	ML	3.4	233974	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.87	304.0	Sn	16:01:24.234	-1.1	T__		---			233973	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
CSKK	0.90	94.8	Pg	16:01:13.017	0.1	T__	4876.2	---	ML	3.7	233975	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.90	94.8	Sn	16:01:26.176	0.1	T__		---			233976	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=0)																			
A002B	0.95	346.0	Pg	16:01:14.726	1.0	T__	2979.7	---	ML	3.5	233980	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
MODS	0.96	13.8	Pn	16:01:13.391	-0.3	T__		---			233981	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.96	13.8	Pg	16:01:14.969	0.6	T__		---			233983	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.96	13.8	Lg	16:01:28.199	-0.3	T__		---			233982	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	0.98	259.0	Pn	16:01:12.987	-1.1	T__	2292.1	---	ML	3.4	233978	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.98	259.0	Sn	16:01:26.014	-1.4	T__		---			233977	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
BEHE	0.98	186.5	Pg	16:01:14.160	-0.1	T__	7654.8	---	ML	3.9	233979	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.98	186.5	Sn	16:01:28.422	1.0	T__		---			234031	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 3.9 magdef=1)																			
(Station ML: 3.9 magdef=0)																			

HU09A	1.00	78.4	Pn	16:01:13.917	0.0	T__	7125.4	___	ML	3.9	233984	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.00	78.4	Sn	16:01:28.401	0.0	T__		___			233985	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 3.9 magdef=1															
				(Station ML: 3.9 magdef=0															
SR0	1.00	68.0	Pn	16:01:13.189	-0.8	T__	16588.3	___	ML	4.3	233986	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	1.00	68.0	Sn	16:01:28.806	0.4	T__		___			233987	FDSN	SK	--	BUD	iLoc	EHN	???	_
				(Reading ML: 4.3 magdef=1															
				(Station ML: 4.3 magdef=0															
KOGS	1.10	205.5	Pn	16:01:14.686	-0.9	T__	2352.6	___	ML	3.5	233988	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.10	205.5	Lg	16:01:30.060	-0.6	T__		___			233989	FDSN	SL	--	BUD	iLoc	BHN	???	_
				(Reading ML: 3.5 magdef=1															
				(Station ML: 3.5 magdef=1															
A338A	1.11	58.7	Pn	16:01:15.900	0.4	T__	2642.4	___	ML	3.5	233991	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	1.11	58.7	Sn	16:01:33.176	1.9	T__		___			233990	FDSN	Z3	00	BUD	iLoc	HH2	???	_
				(Reading ML: 3.5 magdef=1															
				(Station ML: 3.5 magdef=1															
A267A	1.17	114.8	Pn	16:01:16.790	0.7	T__	2092.2	___	ML	3.5	233992	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.5 magdef=1															
				(Station ML: 3.5 magdef=1															
A265A	1.18	149.7	Lg	16:01:34.712	1.4	T__		___			234032	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
A266A	1.29	134.9	Pn	16:01:18.216	0.4	T__	2158.0	___	ML	3.6	233996	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	1.29	134.9	Pg	16:01:20.785	0.7	T__		___			233995	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
				(Reading ML: 3.6 magdef=1															
				(Station ML: 3.6 magdef=1															
A264A	1.31	169.2	Pg	16:01:18.770	-1.3	T__	1410.2	___	ML	3.4	234033	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	1.31	169.2	Pb	16:01:20.826	0.7	T__		___			233993	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
A264A	1.31	169.2	Lg	16:01:38.759	2.0	T__		___			233994	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
				(Reading ML: 3.4 magdef=1															
				(Station ML: 3.4 magdef=1															
A271A	1.32	102.0	Lg	16:01:40.377	-0.7	T__		___			233997	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BUD	1.42	87.7	Pn	16:01:20.917	1.3	T__	1528.3	___	ML	3.5	233998	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	1.42	87.7	Sn	16:01:40.741	2.0	T__		___			233999	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 3.5 magdef=1															
				(Station ML: 3.5 magdef=1															
HU10A	1.46	73.4	Pn	16:01:20.957	0.6	T__	2113.4	___	ML	3.6	234000	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	1.46	73.4	Pg	16:01:23.465	-1.0	T__		___			234001	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU10A	1.46	73.4	Lg	16:01:44.764	-1.5	T__		___			234002	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 3.6 magdef=1															
				(Station ML: 3.6 magdef=0															
JAVC	1.50	18.9	Pn	16:01:21.976	0.7	T__	1169.9	___	ML	3.4	234003	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.50	18.9	Lg	16:01:45.391	-0.5	T__		___			234004	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 3.4 magdef=1															
				(Station ML: 3.4 magdef=1															
A272A	1.55	116.1	Pg	16:01:25.476	0.2	T__	1270.6	___	ML	3.5	234006	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A272A	1.55	116.1	Lg	16:01:46.504	-2.0	T__		___			234005	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 3.5 magdef=1															
				(Station ML: 3.5 magdef=1															
KOVH	1.58	149.1	Pn	16:01:21.490	-0.3	T__	411.3	___	ML	3.0	234007	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.58	149.1	Pg	16:01:26.153	0.8	T__		___			234008	FDSN	HU	--	BUD	iLoc	HHZ	???	_
				(Reading ML: 3.0 magdef=1															
				(Station ML: 3.0 magdef=0															
VVHS	1.65	49.9	Pn	16:01:22.735	-0.4	T__	293.4	___	ML	2.9	234012	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.9 magdef=1															

(Station ML: 2.9 magdef=0																				
KRUC	1.66	347.6	Pn	16:01:23.301	-0.0	T__	569.9	___	ML	3.2	234011	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	1.66	347.6	Pg	16:01:27.792	1.1	T__		---			234034	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.2 magdef=1																				
(Station ML: 3.2 magdef=1																				
PTJ	1.68	203.8	Pn	16:01:22.917	-1.0	T__	647.2	___	ML	3.2	234009	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	1.68	203.8	Sn	16:01:44.602	-0.4	T__		---			234010	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.2 magdef=1																				
(Station ML: 3.2 magdef=1																				
MORH	1.70	135.8	Pn	16:01:23.089	-0.3	T__	338.1	___	ML	3.0	234013	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	1.70	135.8	Sn	16:01:47.596	2.7	T__		---			234014	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1																				
(Station ML: 3.0 magdef=0																				
HU01A	1.83	92.2	Lg	16:01:56.740	-0.3	T__		---			234017	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	1.86	74.8	Pn	16:01:27.104	1.4	T__	848.1	___	ML	3.5	234020	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	1.86	74.8	Pg	16:01:30.846	-0.8	T__		---			234022	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU03A	1.86	74.8	Lg	16:01:58.116	-0.0	T__		---			234021	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.5 magdef=1																				
(Station ML: 3.5 magdef=1																				
HU22A	1.88	125.8	Pn	16:01:26.376	0.6	T__	554.3	___	ML	3.3	234023	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.3 magdef=1																				
(Station ML: 3.3 magdef=1																				
VRAC	1.88	353.1	Pn	16:01:26.861	0.5	T__	151.5	___	ML	2.7	234024	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.7 magdef=1																				
(Station ML: 2.7 magdef=0																				
OBKA	1.88	241.0	Pn	16:01:26.720	-0.3	T__	1064.6	___	ML	3.6	234015	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
OBKA	1.88	241.0	Lg	16:01:56.093	1.0	T__		---			234016	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.6 magdef=1																				
(Station ML: 3.6 magdef=1																				
CRES	1.91	212.7	Pn	16:01:25.991	-1.1	T__	391.4	___	ML	3.2	234019	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	1.91	212.7	Lg	16:01:55.789	-0.7	T__		---			234018	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.2 magdef=1																				
(Station ML: 3.2 magdef=0																				
ET1H	2.03	76.6	Pn	16:01:28.520	0.3	T__	345.6	___	ML	3.2	234025	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	2.03	76.6	Lg	16:02:03.051	-1.0	T__		---			234026	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.2 magdef=1																				
(Station ML: 3.2 magdef=0																				
PSZ	2.05	75.6	Pn	16:01:29.289	0.6	T__	509.2	___	ML	3.3	234027	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.3 magdef=1																				
(Station ML: 3.3 magdef=1																				
TREC	2.09	333.0	Pn	16:01:30.503	1.1	T__	433.5	___	ML	3.3	234028	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.3 magdef=1																				
(Station ML: 3.3 magdef=1																				
HU21A	2.22	119.2	Pg	16:01:37.869	0.4	T__	469.5	___	ML	3.4	234035	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.4 magdef=1																				
(Station ML: 3.4 magdef=1																				
MORC	2.37	9.6	Pn	16:01:33.840	0.5	T__	200.2	___	ML	3.1	234029	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
MORC	2.37	9.6	Sn	16:02:03.001	0.1	T__		---			234030	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.1 magdef=1																				
(Station ML: 3.1 magdef=0																				
HU02A	2.51	73.1	Pn	16:01:35.301	0.3	T__	187.3	___	ML	3.2	234036	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.2 magdef=1																				
(Station ML: 3.2 magdef=0																				

HU06A	2.59	105.2	Pn	16:01:36.535	0.9	T__	309.1	___	ML	3.4	234037	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	2.59	105.2	Lg	16:02:20.635	-1.1	T__		---			234038	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	2.60	65.2	Pn	16:01:36.681	0.5	T__	283.7	___	ML	3.4	234039	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
JOS	2.64	65.2	Pn	16:01:36.941	0.3	T__	202.3	___	ML	3.3	234040	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
BLY	2.70	176.3	Pn	16:01:37.718	-0.0	T__	183.2	___	ML	3.3	234041	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
HU24A	2.93	99.0	Pn	16:01:41.194	0.8	T__	287.4	___	ML	3.6	234042	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
NIE	2.98	47.4	Pn	16:01:43.078	1.2	T__	61.1	___	ML	2.9	234043	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
ABAH	3.02	72.1	Pn	16:01:42.671	0.8	T__	133.3	___	ML	3.3	234045	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
FRGS	3.03	137.9	Pn	16:01:42.248	0.2	T__	140.1	___	ML	3.3	234044	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
SIRR	3.45	108.3	Pn	16:01:47.260	-0.6	T__	60.7	___	ML	3.2	234046	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	3.71	117.8	Pn	16:01:51.525	-0.1	T__	64.8	___	ML	3.3	234047	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
KOLS	3.87	65.4	Pn	16:01:54.422	0.3	T__					234048	FDSN	SK	--	BUD	iLoc	HHZ	???	_
DRGR	4.00	97.3	Pn	16:01:55.873	0.2	T__	58.4	___	ML	3.4	234049	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
MEZ	4.55	74.0	Pn	16:02:04.214	0.5	T__					234050	FDSN	UA	--	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
2022/07/24	02:03:16.57	0.99	0.83	47.3344	20.1880	7.0	4.1	52	10.2	1.8	14	9	148	0.06	1.20	ke	BUD	18003042	BUD			235

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	5 BUD	18003042

Sta	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	0.06	122.9	Pg	02:03:18.907	-0.2					T__		225.6		___	ML	0.8	234221	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.06	122.9	Lg	02:03:21.372	0.2					T__				---		234222	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU23A	0.31	7.8	Lg	02:03:29.581	1.2					T__				---		234223	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU01A	0.39	271.7	Lg	02:03:31.396	0.3					T__				---		234224	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.59	338.7	Pg	02:03:28.393	-0.6					T__	21.0			---	ML	1.1	234216	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.59	338.7	Lg	02:03:36.828	-0.7					T__				---		234225	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.62 341.3 Pg 02:03:29.251 -0.5 T__ 26.9 ___ ML 1.3 234217 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.62 341.3 Lg 02:03:39.074 0.1 T__ ___ 234226 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU03A 0.69 325.3 Pg 02:03:31.369 0.4 T__ 30.8 ___ ML 1.4 234218 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.69 325.3 Lg 02:03:41.119 0.2 T__ ___ 234227 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU02A 0.82 16.0 Pn 02:03:32.903 0.2 T__ 16.3 ___ ML 1.2 234219 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.82 16.0 Lg 02:03:44.589 -0.7 T__ ___ 234220 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
JOS 1.19 11.4 Sn 02:03:55.383 1.4 T__ ___ 234228 FDSN ZJ -- BUD iLoc HHN ??? _
ABAH 1.20 36.0 Sn 02:03:55.499 1.2 T__ ___ 234229 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
2022/07/24 02:20:55.84 1.01 0.35 45.9040 16.0224 5.6 3.9 106 5.0f 10 6 155 0.04 1.19 ke BUD 18003046 BUD 216

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Magnitude Err Nsta Author OrigID
ML 1.6 0.5 4 BUD 18003046

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PTJ 0.04 274.5 Pg 02:20:57.220 -0.2 T__ 1219.8 ___ ML 1.5 234354 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.04 274.5 Lg 02:20:58.593 -0.3 T__ ___ 234355 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ZAG 0.08 197.8 Pg 02:20:57.830 0.0 T__ 6176.2 ___ ML 2.3 234357 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.08 197.8 Lg 02:20:59.000 -0.3 T__ ___ 234356 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CRES 0.40 259.0 Pg 02:21:04.237 0.5 T__ 32.7 ___ ML 0.9 234358 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.40 259.0 Lg 02:21:09.779 0.1 T__ ___ 234359 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KOGS 0.57 16.1 Pg 02:21:07.033 -0.0 T__ 64.5 ___ ML 1.6 234361 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.57 16.1 Lg 02:21:14.915 0.4 T__ ___ 234360 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
BEHE 0.77 42.5 Lg 02:21:21.067 -0.3 T__ ___ 234362 FDSN HU -- BUD iLoc HHN ??? _
OBKA 1.19 301.1 Lg 02:21:34.491 0.2 T__ ___ 234363 FDSN OE -- 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
2022/07/25 07:21:19.07 0.89 1.28 47.9121 20.0373 5.1 2.6 155 0.0f 18 12 88 0.10 0.99 sx BUD 18003050 BUD 142

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 6 BUD 18003050

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Sta 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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PSZI2	0.10	272.7		07:22:00.409		---									234430	FDSN	HN	--	BUD	iLoc	BDF	???	_
PSZ	0.10	273.8	Pg	07:21:21.582	-0.2	T__				1398.1	---	ML	1.7	234426	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.10	273.8	Lg	07:21:23.956	-0.3	T__					---			234431	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
PSZI1	0.10	273.5		07:22:01.098		---									234432	FDSN	HN	--	BUD	iLoc	BDF	???	_
PSZI3	0.10	272.7		07:22:01.173		---									234433	FDSN	HN	--	BUD	iLoc	BDF	???	_
PSZI4	0.10	273.6		07:22:01.862		---									234434	FDSN	HN	--	BUD	iLoc	BDF	???	_
ET1H	0.12	253.6	Pg	07:21:21.874	-0.2	T__				478.8	---	ML	1.3	234427	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.12	253.6	Lg	07:21:24.175	-0.3	T__					---			234435	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=0)																							
HU03A	0.29	268.5	Lg	07:21:31.344	0.9	T__									234436	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU23A	0.31	152.3	Lg	07:21:31.976	0.7	T__									234437	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.39	57.1	Pg	07:21:25.852	-1.7	T__				191.2	---	ML	1.7	234439	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.39	57.1	Lg	07:21:32.836	-1.3	T__					---			234438	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
HU01A	0.63	206.6	Lg	07:21:43.424	0.8	T__									234440	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.65	27.5	Pg	07:21:34.100	2.0	T__				169.4	---	ML	2.1	234442	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.65	27.5	Lg	07:21:41.403	-0.5	T__					---			234441	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=0)																							
JOS	0.67	29.7	Pg	07:21:34.329	1.8	T__				50.8	---	ML	1.6	234443	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.67	29.7	Lg	07:21:42.874	0.0	T__					---			234444	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
HU10A	0.69	264.8	Lg	07:21:43.339	-1.1	T__									234445	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BUD	0.81	238.3	Lg	07:21:47.641	-1.0	T__									234446	FDSN	HU	--	BUD	iLoc	HHN	???	_
ABAH	0.89	64.1	Pg	07:21:39.001	2.2	T__				57.4	---	ML	1.8	234429	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.89	64.1	Lg	07:21:49.227	-1.9	T__					---			234428	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
VYHS	0.99	306.4	Lg	07:21:53.659	0.0	T__									234447	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
2022/07/25	07:43:20.84	0.72	0.89	48.5150	19.3149	4.5	3.3	4	0.0f		20	11	77	0.32	1.72	sx	BUD	18003052	BUD			132

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	10 BUD	18003052

Sta	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	266.4	Pg	07:43:27.480	-0.0					T__		56.1			ML	0.9	234507	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.32	266.4	Lg	07:43:31.935	-0.5					T__						234506	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
HU10A	0.70	196.6	Pg	07:43:36.069	0.8					T__		108.1			ML	1.9	234509	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.70	196.6	Lg	07:43:45.272	-1.1					T__						234508	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	0.71	146.8	Pg	07:43:35.939	-0.1					T__		69.2			ML	1.7	234514	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	146.8	Lg	07:43:46.073	-0.8					T__						234515	FDSN	GE	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.74 149.5 Pg 07:43:38.034 1.7 T__ 39.1 ___ ML 1.5 234503 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.74 149.5 Lg 07:43:46.762 -0.5 T__ ___ 234510 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.78 91.9 Pg 07:43:36.135 -0.2 T__ 138.7 ___ ML 2.1 234499 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.78 91.9 Lg 07:43:47.200 -0.8 T__ ___ 234498 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 0.81 90.9 Pg 07:43:36.628 -0.4 T__ 61.4 ___ ML 1.7 234496 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.81 90.9 Lg 07:43:48.277 -0.9 T__ ___ 234497 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.90 115.5 Pg 07:43:38.764 -0.6 T__ 67.9 ___ ML 1.8 234500 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 115.5 Lg 07:43:51.801 -1.4 T__ ___ 234501 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 1.11 35.3 Pn 07:43:44.461 0.7 T__ 18.6 ___ ML 1.4 234504 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.11 35.3 Lg 07:43:59.397 1.4 T__ ___ 234505 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
JAVC 1.14 288.2 Pg 07:43:43.462 -0.5 T__ 54.1 ___ ML 1.9 234511 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 1.30 99.0 Pn 07:43:46.725 0.5 T__ 58.0 ___ ML 2.0 234502 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.30 99.0 Sn 07:44:04.802 0.5 T__ ___ 234512 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
MORC 1.72 318.0 Sn 07:44:14.100 -0.6 T__ ___ 234513 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/25 08:50:05.94 0.94 1.41 47.8756 16.4769 5.8 3.8 126 0.0f 9 6 117 0.20 1.19 sx BUD 18003054 BUD 167

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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
SOP 0.20 164.1 Lg 08:50:13.694 0.3 T__ ___ 234555 FDSN HU -- BUD iLoc HHN ??? _
RONA 0.21 214.8 Pg 08:50:09.896 -0.6 T__ ___ 234558 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.21 214.8 Lg 08:50:13.657 -0.0 T__ ___ 234557 FDSN OE -- BUD iLoc HHE ??? _
CONA 0.42 277.5 Pg 08:50:14.899 0.5 T__ 30.7 ___ ML 0.9 234560 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.42 277.5 Lg 08:50:20.450 0.4 T__ ___ 234559 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MODS 0.73 46.8 Pg 08:50:22.239 1.2 T__ ___ 234553 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.73 46.8 Lg 08:50:30.821 -1.7 T__ ___ 234554 FDSN SK -- BUD iLoc HHN ??? _
ARSA 0.90 226.3 Pg 08:50:24.379 1.1 T__ 35.3 ___ ML 1.5 234561 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 1.19 357.4 Lg 08:50:43.931 -2.3 T__ ___ 234556 FDSN CZ -- BUD iLoc HHE ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/25	10:00:19.62	0.94	0.56	48.1207	16.9885	9.4	3.6	129	0.0f	10	7	190	0.32	1.32	sx	BUD	18003056	BUD				196

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.32	37.2	Pg	10:00:26.804	0.2				T__							234597	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.32	37.2	Lg	10:00:31.898	-0.3				T__							234598	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.63	228.1	Pg	10:00:32.081	-0.1				T__							234599	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.63	228.1	Lg	10:00:40.882	0.3				T__							234600	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.78	256.1	Lg	10:00:45.885	0.6				T__							234601	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	0.87	31.3	Lg	10:00:50.906	0.1				T__							234602	FDSN	CZ	--	BUD	iLoc	HHN	???	_
KRUC	1.02	337.5	Lg	10:00:53.754	-0.6				T__							234603	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	1.22	347.7	Pg	10:00:43.483	0.8				T__			13.6		ML	1.3	234605	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.22	347.7	Lg	10:00:59.771	-0.8				T__							234604	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
ARSA	1.32	229.2	Pn	10:00:44.984	-0.3				T__			28.8		ML	1.7	234606	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/25	10:03:32.42	2.70	0.98	47.7914	20.1803	20.6	4.1	162	0.0f	10	6	251	0.23	0.74	sx	BUD	18003058	BUD					267

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 4 BUD 18003058

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
ET1H	0.23	293.0	Pg	10:03:38.088	0.5				T__			358.3		ML	1.5	234638	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.23	293.0	Lg	10:03:40.782	-0.9				T__							234643	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
PSZI2	0.23	303.3		10:04:32.355					---							234637	FDSN	HN	--	BUD	iLoc	BDF	???	_
PSZI3	0.23	303.0		10:04:32.209					---							234636	FDSN	HN	--	BUD	iLoc	BDF	???	_
PSZ	0.23	303.5	Pg	10:03:38.088	0.2				T__			385.0		ML	1.5	234635	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.23	303.5	Lg	10:03:41.028	-1.2				T__							234640	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
PSZI1	0.23	303.3		10:04:32.562					---							234641	FDSN	HN	--	BUD	iLoc	BDF	???	_
PSZI4	0.23	303.2		10:04:33.325					---							234642	FDSN	HN	--	BUD	iLoc	BDF	???	_
HU02A	0.40	34.9	Pg	10:03:41.046	-0.1				T__			90.2		ML	1.4	234639	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.40	34.9	Lg	10:03:46.634	-1.4				T__							234644	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
HU03A	0.41	286.3	Lg	10:03:47.798	0.1				T__							234645	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.72	16.3	Lg	10:03:57.842	-0.1				T__							234646	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.74	18.7	Pg	10:03:48.853	1.5				T__			33.0		ML	1.4	234647	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.74	18.7	Lg	10:03:59.005	0.3				T__							234648	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/25	11:10:23.84	0.95	0.15	47.8953	16.0735	5.9	3.7	28	0.0f	8	6	87	0.15	1.19	sx	BUD	18003060	BUD				160

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	283.1	Pg	11:10:27.023	0.0					T__		133.0		---	ML	0.8	234672	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	283.1	Lg	11:10:29.233	-0.0					T__				---		234675	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
RONA	0.25	142.4	Pg	11:10:28.977	-0.1					T__				---		234673	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.25	142.4	Lg	11:10:32.538	-0.1					T__				---		234676	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.39	122.8	Lg	11:10:37.673	0.3					T__				---		234677	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.75	210.2	Lg	11:10:47.663	0.0					T__				---		234678	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.94	58.9	Lg	11:10:57.345	-0.0					T__				---		234679	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KRUC	1.19	10.3	Lg	11:11:04.035	-0.1					T__				---		234674	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/26	05:50:16.61	3.21	0.15	46.8691	22.8538	25.9	10.6	0	0.0f	8	5	281	0.12	1.56	sx	BUD	18003064	BUD					307

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	18003064

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.12	231.7	Pg	05:50:19.510	0.0					T__		334.2		---	ML	1.2	234700	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.12	231.7	Lg	05:50:22.084	0.1					T__				---		234699	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
SIRR	1.02	234.3	Pg	05:50:37.066	-0.1					T__		15.8		---	ML	1.3	234702	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	1.02	234.3	Lg	05:50:51.746	0.1					T__				---		234701	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
GZR	1.48	182.1	Pn	05:50:44.589	0.1					T__		22.6		---	ML	1.7	234705	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.48	182.1	Sn	05:51:04.528	-0.0					T__				---		234704	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BZS	1.52	214.9	Sn	05:51:05.185	-0.3					T__				---		234703	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.56	155.5	Sn	05:51:06.573	-0.0					T__				---		234706	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/26	05:58:38.91	1.12	0.83	48.2969	21.5035	9.8	6.4	178	0.0f	11	9	100	0.18	1.71	sx	BUD	18003066	BUD					171

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.18	269.8	Pg	05:58:43.639	0.7					T__		581.1		---	ML	1.6	234732	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	269.8	Lg	05:58:46.524	0.1					T__				---		234734	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.67	287.6	Lg	05:59:02.322	-0.2					T__				---		234735	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

HU02A	0.68	255.4	Pg	05:58:52.331	-0.7	T__					32.0	---	ML	1.4	234733	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.68	255.4	Lg	05:59:02.300	-1.4	T__						---			234736	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
KECS	0.70	285.7	Lg	05:59:03.628	0.0	T__						---			234737	FDSN	SK	--	BUD	iLoc	EHN	???	_
KOLS	0.82	38.4	Lg	05:59:06.390	-1.4	T__						---			234738	FDSN	SK	--	BUD	iLoc	HNN	???	_
PSZ	1.14	251.2	Sn	05:59:18.506	-0.1	T__						---			234739	FDSN	GE	--	BUD	iLoc	HNN	???	_
MEZ	1.36	80.0	Sn	05:59:23.866	0.0	T__						---			234740	FDSN	UA	--	BUD	iLoc	BHN	???	_
NIE	1.38	325.1	Sn	05:59:23.906	-0.4	T__						---			234741	FDSN	PL	--	BUD	iLoc	BHN	???	_
DRGR	1.71	151.0	Sn	05:59:33.130	0.4	T__						---			234742	FDSN	RO	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/26	07:11:47.16	3.71	0.90	47.8970	20.5008	28.7	5.0	137	0.0f		9	5	263	0.23	0.60	sx	BUD	18003068	BUD			269

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	4 BUD	18003068

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.23	4.1	Pg	07:11:52.358	0.0					T__		116.0		---	ML	1.0	234803	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.23	4.1	Lg	07:11:56.074	-0.5					T__				---		234808	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.41	273.2	Pg	07:11:55.527	-0.7					T__		35.1		---	ML	1.0	234809	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	273.2	Lg	07:12:02.979	-0.0					T__				---		234810	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ET1H	0.42	267.8	Lg	07:12:04.865	1.8					T__				---		234811	FDSN	HU	--	BUD	iLoc	HNN	???	_	
KECS	0.59	359.0	Pg	07:11:59.570	0.6					T__		162.8		---	ML	2.0	234804	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.59	359.0	Lg	07:12:08.180	0.2					T__				---		234806	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.60	2.5	Pg	07:11:59.351	0.1					T__		24.4		---	ML	1.2	234805	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	2.5	Lg	07:12:07.641	-0.8					T__				---		234807	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/26	08:00:04.66	0.81	0.74	47.8517	19.0928	7.3	3.6	170	0.0f		13	8	175	0.05	1.16	sx	BUD	18003070	BUD			258

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	18003070

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.05	262.6	Pg	08:00:06.375	0.2					T__		1446.6		---	ML	1.6	234872	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.05	262.6	Lg	08:00:07.595	-0.1					T__				---		234873	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU03A	0.35	81.1	Lg	08:00:18.934	1.2					T__				---		234874	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ET1H	0.52	86.7	Lg	08:00:23.867	-0.2					T__				---		234875	FDSN	HU	--	BUD	iLoc	HNN	???	_	
PSZ	0.54	82.7	Lg	08:00:24.782	-0.4					T__				---		234876	FDSN	GE	--	BUD	iLoc	HNN	???	_	

VYHS	0.67	345.1	Pg	08:00:17.968	-0.3	T__	14.2	___	ML	1.0	234878	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.67	345.1	Lg	08:00:28.443	0.3	T__		---			234877	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=0)																			
HU02A	1.00	73.8	Pn	08:00:25.087	-0.9	T__	23.9	___	ML	1.4	234879	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.00	73.8	Sn	08:00:39.934	-0.9	T__		---			234880	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
KECS	1.13	55.4	Pn	08:00:27.629	-0.1	T__	130.8	___	ML	2.2	234882	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.13	55.4	Sn	08:00:45.324	1.4	T__		---			234881	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
JOS	1.16	55.8	Pn	08:00:28.239	0.0	T__	16.3	___	ML	1.4	234883	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.16	55.8	Sn	08:00:45.019	0.2	T__		---			234884	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/26	09:22:31.49	0.96	0.50	48.4533	19.5590	6.4	3.5	9	0.0f		11	6	170	0.48	0.73	sx	BUD	18003072	BUD			286

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	5 BUD	18003072

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.48	275.1	Pg	09:22:41.558	0.2					T__		10.3		___	ML	0.7	234920	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	275.1	Lg	09:22:48.387	-0.2					T__				---		234921	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
PSZ	0.58	157.1	Lg	09:22:52.716	-0.3					T__				---		234922	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.61	159.9	Pg	09:22:45.170	0.7					T__	18.6			___	ML	1.1	234924	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.61	159.9	Lg	09:22:52.912	-0.8					T__				---		234923	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.62	86.9	Pg	09:22:44.297	0.4					T__	97.8			___	ML	1.8	234918	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.62	86.9	Lg	09:22:53.043	-0.2					T__				---		234917	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
JOS	0.65	85.9	Pg	09:22:44.653	0.1					T__	35.6			___	ML	1.4	234925	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	85.9	Lg	09:22:54.147	-0.3					T__				---		234926	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.73	116.8	Pg	09:22:46.634	0.1					T__	23.7			___	ML	1.3	234919	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	116.8	Lg	09:22:57.251	-0.6					T__				---		234927	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/07/26	10:41:04.63	0.50	0.37	47.8462	19.1085	8.7	3.5	1	0.0A	0.0	6	5	183	0.06	0.67	m	kx	BUD	18003074	BUD			360	
2022/07/26	10:41:02.83	0.99	0.88	47.8327	19.1394f				0.0f		6	5	194	0.08	0.69		kx	BUD_GT	18003075	BUD_GT			258	
(locality : Sejce-Vác Hungary)																								

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	10:41:05.532	0.5					T__		1971.2		---	ML	1.8	234967	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	10:41:06.275	-0.7					T__				---		234968	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU03A	0.32	76.9	Lg	10:41:15.647	0.6					T__				---		234969	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.50	84.3	Lg	10:41:20.608	-0.6					T__				---		234970	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.1	Lg	10:41:21.380	-1.0					T__				---		234971	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VVHS	0.69	343.1	Lg	10:41:26.121	-1.1					T__				---		234972	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
2022/07/27	05:48:25.25	1.49	0.65	46.0662	22.8603	13.6	7.8	76	0.0f		6	4	178	0.19	0.98	sx	BUD	18003076	BUD			287

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.19	170.7	Pg	05:48:29.068	0.3					T__		493.1		---	ML	1.5	235062	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.19	170.7	Lg	05:48:30.858	-0.5					T__				---		235064	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
GZR	0.68	185.0	Pg	05:48:38.527	0.3					T__		25.1		---	ML	1.3	235063	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.68	185.0	Lg	05:48:47.181	-0.6					T__				---		235065	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
DRGR	0.73	352.0	Lg	05:48:51.269	-0.6					T__				---		235066	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.98	243.1	Lg	05:48:57.921	-0.2					T__				---		235067	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/27	06:59:27.93	0.80	1.07	48.4223	17.2912	4.1	3.2	109	0.0f		19	11	74	0.05	1.37	sx	BUD	18003078	BUD			126

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 6 BUD 18003078

Sta	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	190.7	Pg	06:59:29.032	-0.6					T__				_c_		235103	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.05	190.7	Lg	06:59:30.931	-0.4					T__				---		235104	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.50	29.8	Pg	06:59:38.417	-0.1					T__		244.9		---	ML	2.1	235105	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.50	29.8	Lg	06:59:47.218	0.5					T__				---		235117	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
KRUC	0.87	317.5	Pg	06:59:44.552	-0.1					T__		93.6		---	ML	2.0	235107	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.87	317.5	Lg	06:59:56.932	-0.6					T__				---		235118	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
SOP	0.89	213.9	Lg	06:59:59.671	2.3					T__				---		235106	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.98	223.1	Pg	06:59:45.867	-1.6					T__				---		235108	FDSN	OE	--	BUD	iLoc	HHZ	???	_	

RONA	0.98	223.1	Lg	07:00:02.483	2.2	T__									235119	FDSN	OE	--	BUD	iLoc	HHN	???	_				
VRAC	1.00	332.8	Pg	06:59:47.181	0.3	T__									16.8	---	ML	1.3	235110	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.00	332.8	Lg	07:00:01.716	0.2	T__										---			235109	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																											
(Station ML: 1.3 magdef=0)																											
EGYH	1.01	178.4	Lg	07:00:03.953	1.4	T__													235120	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.03	85.4	Pg	06:59:47.839	-0.9	T__									16.3	---	ML	1.3	235113	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.03	85.4	Lg	07:00:03.944	0.3	T__										---			235121	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																											
(Station ML: 1.3 magdef=1)																											
CONA	1.08	243.2	Pg	06:59:48.277	-0.9	T__									48.6	---	ML	1.8	235111	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.08	243.2	Lg	07:00:02.227	-0.9	T__										---			235112	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																											
(Station ML: 1.8 magdef=1)																											
HU08A	1.08	156.5	Sn	07:00:05.952	0.0	T__													235114	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORC	1.37	6.9	Pg	06:59:53.609	0.3	T__									30.8	---	ML	1.7	235116	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.37	6.9	Lg	07:00:12.671	0.3	T__										---			235115	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																											
(Station ML: 1.7 magdef=1)																											

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/27	07:49:52.95	0.89	0.93	48.4801	20.7696	5.9	3.3	13	0.0f		14	10	84	0.15	1.29	sx	BUD	18003080	BUD			149

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	5 BUD	18003080

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.15	275.9	Pg	07:49:55.636	-0.6					T__		313.7			---	ML	1.2	235159	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	275.9	Lg	07:49:59.214	0.3					T__							235160	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
KECS	0.19	271.0	Pg	07:49:56.147	-0.8					T__		1112.5			---	ML	1.9	235161	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	271.0	Lg	07:50:00.547	0.4					T__							235162	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
ABAH	0.36	120.3	Pg	07:50:00.383	-0.1					T__		39.4			---	ML	0.9	235164	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.36	120.3	Lg	07:50:06.810	-0.1					T__							235163	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																										
(Station ML: 0.9 magdef=0)																										
HU02A	0.39	204.6	Lg	07:50:09.001	1.1					T__							235166	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.81	226.5	Pg	07:50:10.975	0.8					T__		89.3			---	ML	1.9	235168	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.81	226.5	Lg	07:50:23.318	0.9					T__							235167	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=0)																										
ET1H	0.85	225.3	Lg	07:50:23.572	0.3					T__							235165	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.99	341.9	Pg	07:50:12.815	1.2					T__		37.3			---	ML	1.6	235169	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
KOLS	1.09	65.0	Lg	07:50:29.045	-1.7					T__							235170	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.23	105.8	Sn	07:50:33.827	-0.9					T__							235171	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.29	271.3	Sn	07:50:35.592	-0.5					T__							235172	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
2022/07/27 08:05:10.15  0.28  0.32  46.8071  17.2991  3.5  2.8  0  0.0A  0.0  18  13  84  0.12  1.29 m  kx BUD      18003082  BUD          360
2022/07/27 08:05:08.95  0.86  1.26  46.8548  17.2699f  0.0f  18  13  81  0.13  1.31  kx BUD_GT  18003083  BUD_GT       100
(locality : Várvölgy Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author      OrigID
18003083

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
A261A  0.13  319.5 Pg      08:05:13.661  1.5  T__          13683.1  ___ ML  2.8 235215  FDSN ZJ  00 BUD  iLoc  HHZ HHZ _
A261A  0.13  319.5 Lg      08:05:16.254  1.4  T__          235214  FDSN ZJ  00 BUD  iLoc  HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
BADH  0.15  109.5 Lg      08:05:13.457  -2.0  T__          235213  FDSN HU  -- BUD  iLoc  HHN ??? _
EGYH  0.56  4.3 Lg      08:05:30.033  0.5  T__          235216  FDSN HU  -- BUD  iLoc  HHE ??? _
HU08A  0.73  37.5 Pg      08:05:24.389  0.6  T__          287.6  ___ ML  2.4 235218  FDSN ZJ  00 BUD  iLoc  HHZ HHZ _
HU08A  0.73  37.5 Lg      08:05:34.203  -1.4  T__          235217  FDSN ZJ  00 BUD  iLoc  HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOGS  0.81  240.3 Lg      08:05:36.389  0.7  T__          235221  FDSN SL  -- BUD  iLoc  BHE ??? _
A267A  0.84  83.3 Pg      08:05:25.457  -0.3  T__          282.6  ___ ML  2.4 235219  FDSN ZJ  00 BUD  iLoc  HHZ HHZ _
A267A  0.84  83.3 Lg      08:05:36.440  -2.8  T__          235220  FDSN ZJ  00 BUD  iLoc  HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CSKK  0.85  52.7 Lg      08:05:38.118  -1.9  T__          235222  FDSN HU  -- BUD  iLoc  HHE ??? _
KOVH  0.96  142.9 Pg     08:05:27.949  -0.4  T__          60.0  ___ ML  1.8 235223  FDSN HU  -- BUD  iLoc  HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SOP  0.96  329.9 Pn     08:05:29.703  0.9  T__          70.9  ___ ML  1.9 235225  FDSN HU  -- BUD  iLoc  HHZ HHZ _
SOP  0.96  329.9 Sn     08:05:42.898  -0.4  T__          235224  FDSN HU  -- BUD  iLoc  HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
RONA  1.07  322.3 Pn     08:05:30.669  0.1  T__          235227  FDSN OE  -- BUD  iLoc  HHZ ??? _
RONA  1.07  322.3 Sn     08:05:46.788  0.5  T__          235228  FDSN OE  -- BUD  iLoc  HHE ??? _
MORH  1.14  123.5 Pn     08:05:30.694  -0.3  T__          34.9  ___ ML  1.7 235226  FDSN HU  -- BUD  iLoc  HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ARSA  1.26  289.0 Sn     08:05:51.161  0.8  T__          235230  FDSN OE  -- BUD  iLoc  HHN ??? _
PTJ  1.31  224.0 Sn     08:05:51.161  -1.4  T__          235229  FDSN CR  -- BUD  iLoc  BHN ??? _

```

```

Date      Time      Err  RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/07/27 08:53:25.15  2.07  0.18  48.4028  20.6596  17.9  4.0  79  0.0f  7  4  238  0.12  0.74  sx BUD      18003084  BUD          266

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Magnitude Err Nsta Author      OrigID
ML  1.1  0.1  3 BUD      18003084

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
JOS  0.12  319.4 Pg      08:53:27.881  0.0  T__          360.9  _c_ ML  1.2 235259  FDSN ZJ  -- BUD  iLoc  HHZ HHZ _
JOS  0.12  319.4 Lg      08:53:29.872  -0.2  T__          235260  FDSN ZJ  -- BUD  iLoc  HHN ??? _

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.14 304.9 Pg 08:53:28.265 0.0 T__ 255.4 ___ ML 1.1 235262 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.14 304.9 Lg 08:53:30.839 0.1 T__ ___ 235261 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.29 197.8 Pg 08:53:31.606 -0.0 T__ 24.6 ___ ML 0.5 235263 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.29 197.8 Lg 08:53:36.975 0.2 T__ ___ 235264 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
ET1H 0.74 225.5 Lg 08:53:51.716 -0.2 T__ ___ 235265 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
2022/07/28 06:33:17.00 0.24 0.89 47.8791 19.4304 4.2 2.1 165 0.0A 0.0 22 15 125 0.12 2.12 m kx BUD 18003092 BUD 360
2022/07/28 06:33:14.71 0.83 0.78 47.8920 19.4049f 0.0f 22 15 120 0.13 2.10 kx BUD_GT 18003093 BUD_GT 153
(locality : Bercel Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 7 BUD 18003093

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.13 84.8 Pg 06:33:17.967 0.1 T__ 1548.3 ___ ML 1.9 235446 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.13 84.8 Lg 06:33:20.833 0.4 T__ ___ 235454 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU10A 0.26 259.9 Pg 06:33:21.107 0.6 T__ 1143.1 ___ ML 2.1 235445 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.26 259.9 Lg 06:33:25.690 0.5 T__ ___ 235455 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ET1H 0.31 92.2 Pg 06:33:21.180 -0.5 T__ 136.0 ___ ML 1.3 235448 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.31 92.2 Lg 06:33:26.512 -0.4 T__ ___ 235447 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
PSZ 0.33 85.2 Pg 06:33:21.710 -0.5 T__ 261.9 ___ ML 1.6 235449 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 85.2 Lg 06:33:27.370 -0.5 T__ ___ 235450 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
BUD 0.48 212.3 Lg 06:33:32.632 -0.4 T__ ___ 235456 FDSN HU -- BUD iLoc HHN ??? _
VYHS 0.71 327.9 Pn 06:33:31.059 -0.0 T__ 30.3 ___ ML 1.4 235451 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.71 327.9 Lg 06:33:40.298 0.5 T__ ___ 235458 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU09A 0.73 250.2 Lg 06:33:41.827 0.2 T__ ___ 235457 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.79 72.6 Lg 06:33:42.714 -0.7 T__ ___ 235459 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.93 50.3 Pg 06:33:33.852 0.5 T__ 171.5 ___ ML 2.3 235461 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.93 50.3 Lg 06:33:47.510 0.1 T__ ___ 235460 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
JOS 0.97 51.1 Pg 06:33:34.637 0.7 T__ 62.4 ___ ML 1.8 235452 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 51.1 Lg 06:33:48.186 -1.0 T__ ___ 235462 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1

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(Station ML: 1.8 magdef=1
HU08A 1.10 245.8 Sn 06:33:53.877 0.5 T__ --- 235463 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 1.29 71.1 Lg 06:33:59.518 -0.6 T__ --- 235464 FDSN HU -- BUD iLoc HHN ??? _
JAVC 1.51 310.6 Lg 06:34:07.157 -0.8 T__ --- 235453 FDSN CZ -- BUD iLoc HHN ??? _
NIE 1.64 20.9 Lg 06:34:09.135 -0.4 T__ --- 235465 FDSN PL -- BUD iLoc BHN ??? _
RONA 2.10 265.9 Sn 06:34:20.737 2.7 T__ --- 235466 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/28 08:07:03.50 1.08 1.07 48.5810 20.8343 7.9 5.4 9 0.0f 12 8 133 0.21 1.22 sx BUD 18003094 BUD 223

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 5 BUD 18003094

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.21 246.6 Pg 08:07:07.495 -0.5 T__ 230.0 --- ML 1.3 235528 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.21 246.6 Lg 08:07:11.822 0.4 T__ --- 235532 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.25 247.2 Pg 08:07:08.344 -0.4 T__ 476.2 --- ML 1.7 235527 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.25 247.2 Lg 08:07:12.964 0.2 T__ --- 235533 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.39 136.4 Lg 08:07:16.759 -1.7 T__ --- 235534 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.50 204.3 Pg 08:07:15.903 1.8 T__ 40.2 --- ML 1.3 235526 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 204.3 Lg 08:07:20.815 -1.4 T__ --- 235535 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
NIE 0.91 337.4 Pn 08:07:24.367 0.8 T__ 13.5 --- ML 1.1 235531 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
PSZ 0.91 223.8 Lg 08:07:35.687 -0.7 T__ --- 235529 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.95 222.9 Pg 08:07:23.073 -0.3 T__ 21.9 --- ML 1.4 235536 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.95 222.9 Lg 08:07:36.710 -0.6 T__ --- 235530 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
TRPA 1.22 111.0 Sn 08:07:44.694 -0.4 T__ --- 235537 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
2022/07/28 08:22:42.42 1.14 1.21 48.9400 21.3123 10.0 4.8 160 0.0f 8 6 144 0.63 1.15 sx BUD 18003096 BUD 219

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD 18003096

```

```

Sta 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 0.63 90.2 Pg 08:22:54.698 0.1 T__ --- 235567 FDSN SK -- BUD iLoc HHZ ??? _
JOS 0.68 229.3 Pg 08:22:57.315 1.5 T__ 37.6 --- ML 1.5 235568 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 229.3 Lg 08:23:04.583 -1.4 T__ --- 235570 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.71 230.5 Pg 08:22:56.979 0.4 T__ 131.7 --- ML 2.0 235571 FDSN SK -- BUD iLoc EHZ EHZ _

```

KECS	0.71	230.5	Lg	08:23:05.890	-1.4					T__					235572	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
NIE	0.82	306.1	Lg	08:23:09.012	-0.5					T__					235569	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.97	212.9	Pg	08:23:02.045	-0.3					T__	24.7		---	ML	1.4	235566	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
TRPA	1.15	134.4	Pg	08:23:05.437	0.9					T__	58.1		---	ML	1.9	235573	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/28	08:37:28.92	1.46	0.21	47.3577	18.3731	10.7	6.7	124	0.0f		5	4	155	0.08	1.18	sx	BUD	18003098	BUD			258

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.08	274.1	Pg	08:37:31.250	0.1					T__		873.4		---	ML	1.5	235594	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	274.1	Lg	08:37:33.131	-0.2					T__				---		235595	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU09A	0.28	1.3	Lg	08:37:40.195	-0.1					T__				---		235597	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.16	170.7	Sn	08:38:08.746	-0.1					T__				---		235596	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	1.18	15.1	Sn	08:38:09.446	-0.0					T__				---		235598	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
2022/07/28	08:47:33.04	0.71	0.94	48.6438	18.5777	5.9	3.0	32	0.0f		17	11	116	0.23	1.40	sx	BUD	18003100	BUD			153

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	7 BUD	18003100

Sta	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	131.0	Pg	08:47:38.271	0.4					T__		95.5		---	ML	0.9	235632	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	131.0	Lg	08:47:42.135	0.6					T__				---		235631	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
JAVC	0.64	290.1	Pg	08:47:46.203	-0.0					T__		49.1		---	ML	1.5	235633	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.64	290.1	Lg	08:47:55.355	-0.9					T__				---		235634	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MODS	0.91	253.1	Lg	08:48:05.932	0.7					T__				---		235635	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU03A	1.01	136.9	Pg	08:47:52.711	-1.1					T__		83.3		---	ML	2.0	235637	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.01	136.9	Lg	08:48:09.186	0.6					T__				---		235636	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
PSZ	1.14	129.0	Sn	08:48:13.457	0.8					T__				---		235638	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.15	131.0	Sn	08:48:13.457	0.5					T__				---		235639	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	1.28	96.5	Sn	08:48:13.661	-2.3					T__				---		235640	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.31	95.7	Pn	08:47:58.406	-0.2					T__		25.5		---	ML	1.6	235643	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.31	95.7	Sn	08:48:17.728	0.9					T__				---		235644	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORC 1.32 329.5 Pg 08:47:58.406 0.8 T__ 22.3 ___ ML 1.6 235642 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.32 329.5 Lg 08:48:16.508 0.5 T__ ___ 235641 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 1.37 55.0 Pg 08:47:59.016 0.1 T__ 15.0 ___ ML 1.4 235646 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.37 55.0 Lg 08:48:18.135 -0.1 T__ ___ 235645 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 1.40 111.2 Pn 08:47:59.016 -0.8 T__ 25.4 ___ ML 1.7 235647 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/28	08:57:12.37	0.99	1.00	47.9685	16.0968	5.3	4.4	7	0.0f		8	6	90	0.16	1.39	sx	BUD	18003102	BUD			146

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
CONA	0.16	255.8	Pg	08:57:15.429	-0.4					T__		111.1		___	ML	0.8	235677	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.16	255.8	Lg	08:57:18.387	0.1					T__				---		235680	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0)																										
RONA	0.30	153.4	Pg	08:57:18.423	-0.2					T__				---		235678	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.30	153.4	Lg	08:57:22.915	0.0					T__				---		235681	FDSN	OE	--	BUD	iLoc	HHN	???	_		
ARSA	0.82	208.6	Lg	08:57:39.582	1.1					T__				---		235682	FDSN	OE	--	BUD	iLoc	HHN	???	_		
MODS	0.89	62.4	Lg	08:57:44.193	0.0					T__				---		235683	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	1.11	10.2	Lg	08:57:49.993	-0.1					T__				---		235679	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
TREC	1.39	343.3	Lg	08:57:59.417	1.8					T__				---		235684	FDSN	CZ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/28	09:05:24.37	0.96	1.19	48.4960	17.5513	7.1	3.5	133	0.0f		8	6	137	0.22	1.26	sx	BUD	18003104	BUD			214

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
MODS	0.22	236.2	Pg	09:05:28.776	-0.6					T__				---		235702	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.22	236.2	Lg	09:05:32.391	-1.0					T__				---		235703	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.37	12.2	Pg	09:05:31.990	-0.4					T__		81.0		___	ML	1.2	235704	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	0.37	12.2	Lg	09:05:38.527	-0.1					T__				---		235705	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0)																										
VYHS	0.85	89.7	Lg	09:05:54.337	0.3					T__				---		235706	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	0.95	307.0	Lg	09:05:56.901	0.3					T__				---		235707	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
RONA	1.16	227.0	Sn	09:06:05.922	1.5					T__				---		235708	FDSN	OE	--	BUD	iLoc	HHN	???	_		
CONA	1.26	243.9	Lg	09:06:07.336	1.8					T__				---		235709	FDSN	OE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2022/07/28 09:56:28.05 0.40 0.78 47.6564 18.7371 7.4 3.2 152 0.0A 0.0 8 6 154 0.24 0.84 m kx BUD 18003106 BUD 360  
 2022/07/28 09:56:26.14 0.94 1.28 47.7180 18.7130f 0.0f 8 6 143 0.24 0.82 kx BUD\_GT 18003107 BUD\_GT 172  
 (locality : Dorog Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU09A	0.24	250.5	Pg	09:56:32.775	1.4					T__		176.9		---	ML	1.2 235753	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.24	250.5	Lg	09:56:35.532	-0.3					T__				---		235751	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
HU10A	0.24	58.2	Pg	09:56:31.369	-0.2					T__		356.8		---	ML	1.5 235750	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.24	58.2	Lg	09:56:36.080	0.1					T__				---		235754	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
CSKK	0.47	221.0	Lg	09:56:41.827	-2.1					T__				---		235755	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	0.78	6.0	Sn	09:56:55.690	-1.8					T__				---		235752	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.80	77.9	Lg	09:56:54.124	-0.8					T__				---		235756	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.82	75.4	Lg	09:56:55.284	-0.9					T__				---		235757	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/28 09:59:56.34 0.89 1.36 48.7133 21.4176 5.0 3.7 162 0.0f 15 8 114 0.43 1.41 sx BUD 18003108 BUD 178

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 6 BUD 18003108

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.43	195.9	Pg	10:00:06.317	1.1					T__		75.5		---	ML	1.4 235789	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	195.9	Lg	10:00:12.635	-0.0					T__				---		235790	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
KOLS	0.61	68.4	Pg	10:00:09.348	1.3					T__				---		235796	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.61	68.4	Lg	10:00:16.305	-1.7					T__				---		235798	FDSN	SK	--	BUD	iLoc	HHN	???	_
JOS	0.62	249.8	Pg	10:00:08.691	-0.0					T__		42.8		---	ML	1.5 235791	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.62	249.8	Lg	10:00:18.350	0.2					T__				---		235799	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
KECS	0.66	249.9	Pg	10:00:09.969	0.4					T__		100.4		---	ML	1.9 235793	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.66	249.9	Lg	10:00:19.482	0.0					T__				---		235800	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
HU02A	0.84	225.5	Pg	10:00:13.402	-0.2					T__		40.9		---	ML	1.6 235792	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	225.5	Lg	10:00:25.690	-0.9					T__				---		235801	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
TRPA	0.95	127.6	Pg	10:00:14.132	-0.6					T__		69.6		---	ML	1.9 235795	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.95	127.6	Lg	10:00:26.183	-3.7					T__				---		235794	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=0)																								
NIE	1.02	314.2	Pg	10:00:15.200	-0.4					T__		14.1		---	ML	1.2 235797	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.02	314.2	Lg	10:00:30.903	0.9					T__				---		235802	FDSN	PL	--	BUD	iLoc	BHN	???	_

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=0  
 MEZ 1.41 97.4 Sn 10:00:41.801 -0.7 T\_\_ --- 235803 FDSN UA -- BUD iLoc BHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/28	10:42:39.55	3.26	0.34	48.0850	20.4946	29.2	4.5	123	4.7	19.6	8	5	215	0.04	0.47	ke	BUD	18003110	BUD			239

Magnitude Err Nsta Author OrigID  
 ML 0.7 0.2 4 BUD 18003110

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.04	28.7	Pg	10:42:41.142	-0.0					T__		129.8		___	ML	0.5	235856	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.04	28.7	Lg	10:42:42.713	0.1					T__				___		235857	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1																									
KECS	0.40	359.1	Pg	10:42:47.583	-0.0					T__		88.3		___	ML	1.4	235858	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.40	359.1	Lg	10:42:54.056	0.4					T__				___		235859	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
JOS	0.41	4.1	Pg	10:42:47.737	-0.1					T__		17.5		___	ML	0.7	235860	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.41	4.1	Lg	10:42:53.835	-0.3					T__				___		235861	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																									
PSZ	0.44	247.7	Lg	10:42:55.441	-0.4					T__				___		235862	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.47	244.0	Pg	10:42:49.656	0.2					T__		16.2		___	ML	0.8	235863	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/28	10:46:48.03	1.18	0.31	48.0549	20.4972	8.6	3.8	136	7.4	6.8	11	7	183	0.07	1.19	ke	BUD	18003112	BUD			232

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 5 BUD 18003112

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.07	15.4	Pg	10:46:50.486	0.1					T__		1517.7		_c_	ML	1.7	235918	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.07	15.4	Lg	10:46:52.111	-0.3					T__				___		235919	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
PSZ	0.43	251.6	Pg	10:46:57.471	0.1					T__		100.0		___	ML	1.5	235923	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.43	251.6	Lg	10:47:04.227	0.1					T__				___		235927	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.43	359.0	Pg	10:46:57.115	0.4					T__		165.5		___	ML	1.7	235921	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	359.0	Lg	10:47:03.286	0.0					T__				___		235920	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																									
JOS	0.44	3.6	Pg	10:46:57.041	0.1					T__		52.7		___	ML	1.3	235922	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	3.6	Lg	10:47:03.441	-0.2					T__				___		235926	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1																									

```

(Station ML: 1.3 magdef=0
ET1H 0.46 247.5 Lg 10:47:04.665 0.0 T__
ABAH 0.55 63.8 Pg 10:46:59.150 0.2 T__ 66.5 --- ML 1.6 235925 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.19 292.2 Sn 10:47:27.001 -0.6 T__ --- 235928 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
2022/07/28 11:42:58.65 0.90 0.46 47.8642 16.0524 5.5 3.8 30 0.0f 9 5 86 0.14 1.22 sx BUD 18003114 BUD 161

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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
CONA 0.14 296.6 Pg 11:43:01.734 -0.0 T__ 115.1 --- ML 0.8 235994 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.14 296.6 Lg 11:43:04.236 0.3 T__ --- 235995 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA 0.23 134.9 Pg 11:43:03.414 -0.2 T__ --- 235997 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.23 134.9 Lg 11:43:07.267 0.3 T__ --- 235996 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.71 210.5 Lg 11:43:21.605 0.2 T__ --- 236001 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.97 57.7 Pg 11:43:18.843 0.6 T__ --- 235998 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.97 57.7 Lg 11:43:33.158 0.0 T__ --- 236000 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.22 10.6 Pg 11:43:21.874 -0.2 T__ 23.8 --- ML 1.6 235999 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.22 10.6 Sn 11:43:39.368 -0.8 T__ --- 236002 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/28 12:40:06.59 0.93 1.05 46.1177 16.0968 7.9 4.0 120 0.0f 12 8 97 0.23 1.59 sx BUD 18003118 BUD 150

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```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 4 BUD 18003118

```

```

Sta 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 0.23 203.1 Lg 12:40:14.781 -0.8 T__ --- 236079 FDSN CR -- BUD iLoc BHN ??? _
KOGS 0.35 17.8 Pg 12:40:12.881 -1.0 T__ 701.7 --- ML 2.1 236077 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.35 17.8 Lg 12:40:18.808 -0.1 T__ --- 236085 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 0.53 237.0 Pg 12:40:17.283 0.3 T__ 52.0 --- ML 1.5 236086 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.53 237.0 Lg 12:40:23.254 -1.5 T__ --- 236076 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BEHE 0.59 52.9 Lg 12:40:28.571 1.3 T__ --- 236087 FDSN HU -- BUD iLoc HHN ??? _
OBKA 1.14 290.6 Pg 12:40:29.355 1.1 T__ 68.8 --- ML 2.0 236078 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.14 290.6 Lg 12:40:44.171 0.7 T__ --- 236080 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ARSA 1.20 341.0 Pg 12:40:29.628 -0.2 T__ 43.7 --- ML 1.8 236082 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.20 341.0 Lg 12:40:45.900 1.0 T__ --- 236081 FDSN OE -- BUD iLoc HHN ??? _

```



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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BLY 1.57 150.4 Sn 12:40:57.900 1.2 T__ --- 236084 FDSN MN -- BUD iLoc HHE ??? _
RONA 1.59 4.9 Sn 12:40:57.188 -0.1 T__ --- 236083 FDSN OE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/28 14:00:51.24 3.52 0.34 48.0778 20.5220 29.1 6.4 125 6.1 13.6 6 4 246 0.04 0.45 ke BUD 18003120 BUD 353

```

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.04 2.6 Pg 14:00:53.107 0.0 T__ 114.4 --- ML 0.5 236110 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.04 2.6 Lg 14:00:54.622 -0.1 T__ --- 236111 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
KECS 0.41 356.6 Lg 14:01:05.952 0.3 T__ --- 236112 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.42 1.6 Pg 14:00:59.689 0.0 T__ 19.0 --- ML 0.7 236114 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.42 1.6 Lg 14:01:05.660 -0.4 T__ --- 236113 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
PSZ 0.45 249.5 Lg 14:01:08.034 -0.1 T__ --- 236115 FDSN GE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/07/28 15:22:12.16 0.75 1.34 48.0507 20.5130 3.5 2.6 123 8.2 5.4 62 39 56 0.07 3.43 ke BUD 18003122 BUD 69

```

Magnitude Err Nsta Author OrigID  
ML 2.6 0.1 28 BUD 18003122

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.07 6.4 Pg 15:22:14.542 -0.1 T__ 15554.4 _c_ ML 2.7 236324 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.07 6.4 Lg 15:22:16.144 -0.6 T__ --- 236325 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
KECS 0.43 357.6 Pg 15:22:21.025 0.1 T__ 1602.4 _d_ ML 2.7 236331 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.43 357.6 Lg 15:22:27.432 -0.1 T__ --- 236330 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
PSZ 0.44 252.6 Pg 15:22:21.533 -0.1 T__ 996.9 --- ML 2.5 236328 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.44 252.6 Lg 15:22:28.754 0.1 T__ --- 236329 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
JOS 0.45 2.3 Pg 15:22:21.025 -0.1 T__ 548.8 _c_ ML 2.3 236332 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.45 2.3 Lg 15:22:27.686 -0.3 T__ --- 236333 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
HU23A 0.45 203.4 Pg 15:22:21.915 0.1 T__ 1523.0 --- ML 2.7 236327 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.45 203.4 Lg 15:22:30.076 1.5 T__ --- 236326 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
ET1H 0.46 248.5 Pg 15:22:21.686 -0.4 T__ 257.6 --- ML 2.0 236335 FDSN HU -- BUD iLoc HHZ HHZ _

```

ET1H	0.46	248.5	Lg	15:22:28.906	-0.2	T__			236334	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
ABAH	0.54	62.9	Pg	15:22:22.500	-0.5	T__	602.6	---	ML	2.6	236336	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.54	62.9	Lg	15:22:29.923	-1.8	T__		---			236337	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
HU03A	0.63	256.9	Pg	15:22:25.652	0.4	T__	435.2	---	ML	2.5	236340	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.63	256.9	Lg	15:22:34.754	0.1	T__		---			236341	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
HU05A	0.65	139.7	Pg	15:22:25.550	-0.1	T__	912.0	---	ML	2.8	236339	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.65	139.7	Lg	15:22:35.313	-0.0	T__		---			236338	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
BSZH	0.77	192.6	Pn	15:22:27.991	0.2	T__	676.3	---	ML	2.8	236343	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.77	192.6	Lg	15:22:39.991	0.8	T__		---			236342	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
HU01A	0.93	220.8	Pn	15:22:30.878	0.8	T__	854.3	---	ML	2.9	236352	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.93	220.8	Sn	15:22:45.228	1.2	T__		---			236346	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
HU07A	0.94	93.7	Pg	15:22:31.042	0.4	T__	520.8	---	ML	2.7	236344	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.94	93.7	Sn	15:22:44.466	-0.2	T__		---			236345	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
HU10A	1.03	259.0	Pn	15:22:32.466	1.0	T__	199.0	---	ML	2.4	236348	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	1.03	259.0	Sn	15:22:47.771	1.2	T__		---			236347	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
BUD	1.15	241.1	Sn	15:22:50.466	0.9	T__		---			236349	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.20	292.2	Pg	15:22:35.974	-0.4	T__	58.4	---	ML	1.9	236351	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.20	292.2	Sn	15:22:50.923	-0.4	T__		---			236350	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
HU24A	1.22	158.8	Pg	15:22:36.675	-0.4	T__	290.0	---	ML	2.6	236354	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	1.22	158.8	Lg	15:22:54.522	1.0	T__		---			236353	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
HU06A	1.34	178.4	Pn	15:22:37.234	1.6	T__	1071.6	---	ML	3.3	236358	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=0)																			
TRPA	1.36	85.9	Sn	15:22:55.539	0.6	T__		---			236355	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.38	354.2	Pg	15:22:38.506	0.1	T__	72.5	---	ML	2.1	236357	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.38	354.2	Lg	15:22:57.167	0.4	T__		---			236356	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
HU04A	1.42	209.9	Sn	15:22:58.641	3.0	T__		---			236359	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU09A	1.49	254.8	Pn	15:22:39.726	1.8	T__	153.5	---	ML	2.5	236360	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
CSKK	1.67	246.5	Sn	15:23:05.963	3.7	T__		---			236361	FDSN	HU	--	BUD	iLoc	HHE	???	_

A272A	1.68	219.4	Sn	15:23:06.675	4.9	T__										236362	FDSN	ZJ	00	BUD	iLoc	HHE	???	_					
A267A	1.77	232.0	Pg	15:22:46.641	-0.7	T__	150.3									2.7	236364	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
A267A	1.77	232.0	Lg	15:23:11.556	-0.7	T__											236363	FDSN	ZJ	00	BUD	iLoc	HHE	???	_				
(Reading ML: 2.7 magdef=1)																													
(Station ML: 2.7 magdef=1)																													
HU21A	1.80	197.6	Lg	15:23:12.571	-0.4	T__											236379	FDSN	ZJ	00	BUD	iLoc	HHE	???	_				
HU08A	1.85	251.4	Pg	15:22:47.963	-0.8	T__	91.6										2.5	236365	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
(Reading ML: 2.5 magdef=1)																													
(Station ML: 2.5 magdef=1)																													
SIRR	1.95	155.9	Pn	15:22:44.404	0.1	T__	41.7										2.2	236367	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_			
SIRR	1.95	155.9	Pg	15:22:48.878	-1.9	T__												236368	FDSN	RO	--	BUD	iLoc	HHZ	???	_			
(Reading ML: 2.2 magdef=1)																													
(Station ML: 2.2 magdef=0)																													
DRGR	1.95	129.4	Pn	15:22:44.506	-0.1	T__	95.1										2.6	236366	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_			
DRGR	1.95	129.4	Pg	15:22:49.384	-1.1	T__												236380	FDSN	RO	--	BUD	iLoc	HHZ	???	_			
(Reading ML: 2.6 magdef=1)																													
(Station ML: 2.6 magdef=1)																													
HU22A	1.96	209.2	Lg	15:23:18.777	-0.1	T__												236369	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
BMR	2.04	99.5	Lg	15:23:19.195	0.1	T__												236381	FDSN	RO	--	BUD	iLoc	HHN	???	_			
MEZ	2.06	75.9	Lg	15:23:18.980	-0.4	T__												236370	FDSN	UA	--	BUD	iLoc	BHN	???	_			
JAVC	2.06	294.2	Pg	15:22:52.641	-0.4	T__	60.9											2.4	236372	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	2.06	294.2	Lg	15:23:20.607	-0.8	T__													236371	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.4 magdef=1)																													
(Station ML: 2.4 magdef=1)																													
A266A	2.16	225.9	Lg	15:23:21.726	-2.7	T__													236373	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
MODS	2.19	279.7	Lg	15:23:24.675	-1.9	T__													236374	FDSN	SK	--	BUD	iLoc	HHN	???	_		
OJC	2.22	348.1	Pg	15:22:54.573	-0.4	T__	61.1												2.5	236376	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
OJC	2.22	348.1	Lg	15:23:24.777	2.3	T__														236375	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1)																													
(Station ML: 2.5 magdef=1)																													
MORH	2.24	215.5	Pg	15:22:54.543	-1.8	T__	33.2												2.3	236378	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	2.24	215.5	Lg	15:23:25.082	-2.1	T__														236377	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																													
(Station ML: 2.3 magdef=0)																													
GZR	3.08	148.8	Pn	15:23:01.375	0.8	T__	101.9												3.2	236382	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.2 magdef=1)																													
(Station ML: 3.2 magdef=0)																													
CONA	3.13	269.5	Pn	15:23:00.713	-0.4	T__	22.2													2.6	236383	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																													
(Station ML: 2.6 magdef=1)																													
LOT	3.43	138.1	Pn	15:23:06.542	0.7	T__	39.6													3.0	236384	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	3.43	138.1	Pg	15:23:16.082	-2.1	T__															236385	FDSN	RO	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.0 magdef=1)																													
(Station ML: 3.0 magdef=0)																													

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/28	16:24:01.67	3.47	0.24	48.0733	20.4982	29.2	4.9	126	4.6	20.9	8	5	225	0.05	0.46	ke	BUD	18003124	BUD			241

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.2	3 BUD	18003124

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

HU02A	0.05	20.2	Pg	16:24:03.405	0.0	T__	228.9	___	ML	0.8	236479	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.05	20.2	Lg	16:24:04.993	0.0	T__		---			236480	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																			
(Station ML: 0.8 magdef=1)																			
KECS	0.41	358.8	Pg	16:24:10.042	0.1	T__	95.3	___	ML	1.4	236481	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.41	358.8	Lg	16:24:16.287	0.1	T__		---			236482	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
JOS	0.42	3.7	Pg	16:24:10.115	-0.0	T__	15.6	___	ML	0.7	236484	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	3.7	Lg	16:24:16.378	-0.2	T__		---			236483	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
PSZ	0.43	249.3	Lg	16:24:17.601	-0.3	T__		---			236485	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.46	245.5	Lg	16:24:18.734	0.3	T__		---			236486	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
2022/07/28	16:41:51.87	1.47	0.87	47.9728	20.6521	10.0	4.2	109	5.0f		10	6	209	0.17	0.72	ke	BUD	18003126	BUD			268

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	5 BUD	18003126

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.17	330.3	Pg	16:41:56.403	0.6					T__		207.1		_c	ML	1.1	236637	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.17	330.3	Lg	16:41:57.943	-1.1					T__				---		236638	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.51	264.2	Pg	16:42:03.459	0.6					T__		21.2		---	ML	1.1	236639	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.51	264.2	Lg	16:42:10.220	-0.6					T__				---		236635	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.52	347.8	Pg	16:42:03.117	0.8					T__		81.8		---	ML	1.7	236631	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.52	347.8	Lg	16:42:09.238	-1.0					T__				---		236632	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.53	351.9	Pg	16:42:03.127	0.7					T__		17.0		---	ML	1.0	236634	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	351.9	Lg	16:42:09.390	-1.0					T__				---		236633	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
ET1H	0.53	260.2	Lg	16:42:10.963	-0.1					T__				---		236636	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BSZH	0.72	201.3	Pg	16:42:07.218	-0.0					T__		574.5		---	ML	2.7	236640	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/28	17:59:04.75	2.93	0.39	48.0669	20.5123	25.6	6.9	127	8.8		10.2	6	4	241	0.06	0.44	ke	BUD	18003128	BUD			348

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.06	8.7	Pg	17:59:07.221	0.1					T__		84.1		---	ML	0.4	236669	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.06	8.7	Lg	17:59:08.828	-0.3	T__									236670	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.4 magdef=1)																							
(Station ML: 0.4 magdef=1)																							
KECS	0.42	357.6	Lg	17:59:19.974	0.3	T__									236674	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.43	2.4	Pg	17:59:13.192	-0.2	T__				12.0			ML	0.6	236671	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	2.4	Lg	17:59:20.258	0.2	T__									236672	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																							
(Station ML: 0.6 magdef=1)																							
PSZ	0.44	250.5	Lg	17:59:21.372	-0.0	T__									236673	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/28	20:36:29.61	3.86	0.32	48.0549	20.5060	31.3	5.2	126	4.1	23.2	7	5	237	0.07	0.46		ke BUD	18003132	BUD			244

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.07	10.7	Pg	20:36:31.652	0.1					T__		177.9		_c	ML	0.7	236769	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.07	10.7	Lg	20:36:33.222	-0.1					T__						236770	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KECS	0.43	358.2	Pg	20:36:38.271	0.0					T__		63.9		_	ML	1.3	236771	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.43	358.2	Lg	20:36:45.063	0.3					T__						236772	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.43	251.8	Lg	20:36:45.849	0.0					T__						236774	FDSN	GE	--	BUD	iLoc	HHE	???	_	
JOS	0.44	2.9	Lg	20:36:44.735	-0.4					T__						236773	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
ET1H	0.46	247.8	Lg	20:36:46.195	-0.1					T__						236775	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
2022/07/29	05:44:51.30	3.45	0.30	48.0526	20.5147	28.5	4.3	126	6.6	14.3	9	5	242	0.07	0.47		ke BUD	18003136	BUD			246

Magnitude Err Nsta Author OrigID  
ML 1.0 0.3 4 BUD 18003136

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.07	5.7	Pg	05:44:53.668	0.1					T__		246.7		_	ML	0.9	236917	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.07	5.7	Lg	05:44:55.243	-0.2					T__						236918	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.43	357.4	Pg	05:45:00.273	0.3					T__		148.2		_	ML	1.7	236924	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.43	357.4	Lg	05:45:06.755	0.2					T__						236919	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.44	252.4	Pg	05:45:00.730	-0.1					T__		37.8		_	ML	1.1	236922	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.44	252.4	Lg	05:45:07.942	0.2					T__						236921	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.44	2.1	Pg	05:45:00.164	-0.0					T__		14.5		_	ML	0.7	236925	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	2.1	Lg	05:45:06.500	-0.5					T__						236920	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									

(Station ML: 0.7 magdef=1  
 ET1H 0.47 248.4 Lg 05:45:08.149 -0.1 T\_\_ --- 236923 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  
 2022/07/29 06:26:27.67 1.14 0.69 48.3866 19.5029 7.6 5.1 7 0.0f 7 5 156 0.46 0.73 sx BUD 18003138 BUD 289

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
VYHS	0.46	283.9	Lg	06:26:43.472	-0.5					T__						236963	FDSN	SK	--	BUD	iLoc	HHN	???	_		
PSZ	0.54	150.6	Pg	06:26:39.709	0.4					T__		28.8			ML	1.3	236964	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.54	150.6	Lg	06:26:47.336	-0.4					T__						236965	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
KECS	0.66	81.2	Lg	06:26:50.489	-0.4					T__						236966	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.70	80.6	Pg	06:26:42.150	0.6					T__		18.1			ML	1.1	236968	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.70	80.6	Lg	06:26:51.709	-0.5					T__						236967	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
HU02A	0.73	110.8	Lg	06:26:53.540	-0.8					T__						236969	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/29 06:29:53.21 4.44 3.48 46.9824 22.7867 30.7 16.7 10 17.0f 6 5 287 0.20 1.68 ke BUD 18003140 BUD 312

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DRGR	0.20	195.2	Pg	06:29:57.388	-1.0					T__		144.3			ML	1.0	236989	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.20	195.2	Lg	06:30:00.054	-2.3					T__						236988	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=0)																										
SIRR	1.06	227.8	Sn	06:30:30.155	2.6					T__						236992	FDSN	RO	--	BUD	iLoc	HHN	???	_		
BZS	1.59	211.1	Sn	06:30:43.993	3.3					T__						236993	FDSN	RO	--	BUD	iLoc	HHN	???	_		
GZR	1.59	180.3	Sn	06:30:43.073	2.3					T__						236990	FDSN	RO	--	BUD	iLoc	HHN	???	_		
LOT	1.68	155.7	Sn	06:30:45.702	2.6					T__						236991	FDSN	RO	--	BUD	iLoc	HHN	???	_		

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/07/29 08:33:39.03 1.05 0.64 48.6250 19.6425 5.7 4.9 174 0.0f 10 8 131 0.55 1.11 sx BUD 18003142 BUD 219

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.4 3 BUD 18003142

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
VYHS	0.55	256.5	Lg	08:33:58.101	-0.3					T__						237065	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KECS	0.58	103.9	Lg	08:33:59.269	-0.1					T__						237059	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.61	101.9	Pg	08:33:51.272	0.1					T__		85.7			ML	1.8	237061	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.61	101.9	Lg	08:33:59.707	-0.7					T__						237060	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										

PSZ	0.73	166.5	Pg	08:33:54.777	0.3	T__					40.8	---	ML	1.5	237062	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	166.5	Lg	08:34:05.404	-0.1	T__									237063	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
ET1H	0.76	168.3	Lg	08:34:06.427	0.1	T__									237064	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.77	130.2	Lg	08:34:06.184	-0.9	T__									237066	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
NIE	0.90	28.3	Pg	08:33:56.247	0.1	T__					12.0	---	ML	1.1	237067	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.1 magdef=1)																							
(Station ML: 1.1 magdef=1)																							
ABAH	1.11	106.6	Lg	08:34:18.520	1.1	T__									237068	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
2022/07/29	08:58:00.95	0.84	1.38	48.2479	21.2136	6.3	3.7	171	0.0f		19	12	80	0.05	2.00	sx	BUD	18003144	BUD			106

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	18003144

Sta	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	19.8	Pg	08:58:01.880	-0.7					T__		15509.4		_c_	ML	2.6	237106	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	19.8	Lg	08:58:02.674	-1.5					T__						237110	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
HU02A	0.48	255.0	Pg	08:58:10.645	-0.5					T__		60.7			ML	1.4	237109	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	255.0	Lg	08:58:18.359	-0.5					T__						237111	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
JOS	0.51	299.1	Pg	08:58:11.247	-0.0					T__		65.2			ML	1.5	237108	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	299.1	Lg	08:58:18.259	-0.9					T__						237107	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.54	296.1	Pg	08:58:11.850	0.0					T__		153.5			ML	2.0	237113	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.54	296.1	Lg	08:58:20.176	0.1					T__						237112	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
TRPA	0.89	97.1	Pg	08:58:17.960	-0.4					T__		69.5			ML	1.8	237114	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	97.1	Lg	08:58:31.107	-2.0					T__						237115	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.94	250.0	Lg	08:58:34.945	-0.1					T__						237116	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	248.2	Pg	08:58:20.449	-0.9					T__		32.4			ML	1.6	237119	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	248.2	Lg	08:58:35.787	0.2					T__						237120	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOLS	0.98	45.3	Pg	08:58:20.784	1.1					T__						237118	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.98	45.3	Lg	08:58:32.397	-3.3					T__						237117	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MEZ	1.56	79.3	Sn	08:58:51.807	1.0					T__						237121	FDSN	UA	--	BUD	iLoc	BHN	???	_	
VYHS	1.60	279.7	Sn	08:58:54.033	2.0					T__						237122	FDSN	SK	--	BUD	iLoc	HHN	???	_	
DRGR	1.78	144.6	Sn	08:58:57.967	1.7					T__						237123	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	2.00	171.1	Lg	08:59:06.413	-1.3					T__						237124	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/29	17:20:29.88	3.60	0.39	48.0594	20.5647	33.4	15.6	111	5.0f	5	3	339	0.07	0.44	ke	BUD	18003150	BUD				355

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.07	337.1	Pg	17:20:31.953	0.0					T__		125.3		_c	ML	0.6	237340	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.07	337.1	Lg	17:20:33.569	-0.1					T__				---		237341	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
KECS	0.43	352.9	Lg	17:20:45.365	0.4					T__				---		237342	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.44	357.8	Pg	17:20:38.664	0.0					T__		13.2		---	ML	0.6	237344	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	357.8	Lg	17:20:44.908	-0.4					T__				---		237343	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/29	22:47:40.93	4.37	0.69	48.0698	20.5940	34.0	14.0	115	5.0f	4	3	323	0.07	0.43	ke	BUD	18003152	BUD					354

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.07	318.6	Pg	22:47:43.039	0.0					T__		27.5		---	ML	-0.1	237361	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.07	318.6	Lg	22:47:44.671	-0.1					T__				---		237360	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: -0.1 magdef=1)																									
(Station ML: -0.1 magdef=0)																									
KECS	0.42	350.1	Lg	22:47:56.270	0.5					T__				---		237363	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.43	355.1	Lg	22:47:55.540	-0.5					T__				---		237362	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/30	01:42:33.37	2.87	0.81	45.5180	16.2705	17.5	13.8	161	3.2	17.7	8	5	232	0.37	1.80	ke	BUD	18003154	BUD				299

Magnitude Err Nsta Author OrigID  
ML 1.2 0.1 3 BUD 18003154

Sta	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	0.37	327.4	Pg	01:42:40.279	-0.4					T__		363.7		---	ML	1.9	237384	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.37	327.4	Lg	01:42:46.999	1.2					T__				---		237385	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PTJ	0.44	331.5	Pg	01:42:42.270	-0.2					T__		43.9		---	ML	1.2	237386	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.44	331.5	Lg	01:42:48.679	-0.3					T__				---		237387	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CREG	0.65	298.7	Pg	01:42:46.082	0.1					T__		16.5		---	ML	1.1	237389	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CREG	0.65	298.7	Lg	01:42:55.029	-0.4					T__				---		237388	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KOGS	0.93	359.1	Sn	01:43:07.082	-0.1					T__				---		237390	FDSN	SL	--	BUD	iLoc	BHN	???	_	
MORH	1.80	66.4	Lg	01:43:32.136	0.9					T__				---		237383	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
2022/07/30	20:57:59.10	1.20	0.82	48.0779	22.1116	13.6	5.8	0	8.4	14.3	11	6	193	0.29	1.16	ke	BUD	18003156	BUD			265

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	18003156

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TRPA	0.29	79.4	Pg	20:58:05.349	0.3					T__		55.7		___	ML	0.9	237420	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.29	79.4	Lg	20:58:09.239	-1.0					T__				---		237425	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 0.9 magdef=1)																					
				(Station ML: 0.9 magdef=1)																					
ABAH	0.62	290.8	Pg	20:58:11.539	0.1					T__		24.7		___	ML	1.2	237422	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.62	290.8	Lg	20:58:19.847	-1.2					T__				---		237426	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
KOLS	0.86	7.1	Pg	20:58:15.922	0.5					T__				---		237421	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.86	7.1	Lg	20:58:27.808	-0.7					T__				---		237427	FDSN	SK	--	BUD	iLoc	HNN	???	_	
HU02A	1.06	273.0	Pn	20:58:19.844	0.8					T__		15.3		___	ML	1.3	237429	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.06	273.0	Sn	20:58:34.598	-0.3					T__				---		237428	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
JOS	1.13	292.3	Pn	20:58:20.687	0.8					T__		16.6		___	ML	1.3	237423	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.13	292.3	Sn	20:58:36.062	-0.1					T__				---		237430	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
KECS	1.16	291.1	Lg	20:58:37.614	-0.2					T__				---		237424	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
2022/07/31	07:19:50.73	0.82	0.44	47.8787	16.0669	10.4	3.4	37	5.1	11.8	9	6	110	0.15	1.50	ke	BUD	18003162	BUD			170

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.7	3 BUD	18003162

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	289.9	Pg	07:19:53.810	-0.2					T__		72.6		___	ML	0.6	237529	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	289.9	Lg	07:19:56.895	0.5					T__				---		237534	FDSN	OE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 0.6 magdef=1)																					
				(Station ML: 0.6 magdef=1)																					
RONA	0.24	139.1	Pg	07:19:55.590	-0.2					T__				_d_		237530	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	139.1	Lg	07:19:59.150	-0.1					T__				---		237535	FDSN	OE	--	BUD	iLoc	HNN	???	_	
SOP	0.38	120.3	Pg	07:19:58.726	0.2					T__		49.3		___	ML	1.1	237537	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
ARSA	0.73	210.6	Lg	07:20:14.379	0.3					T__				---		237531	FDSN	OE	--	BUD	iLoc	HNN	???	_	
KRUC	1.20	10.3	Pn	07:20:13.867	-0.4					T__		26.7		___	ML	1.6	237532	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	10.3	Sn	07:20:31.214	0.3					T__				---		237533	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
CKRC	1.50	309.4	Lg	07:20:39.937	0.6					T__				---		237536	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/31	16:03:05.49	0.96	1.03	46.1802	17.0358	9.7	4.4	9	8.2	7.1	12	8	134	0.18	1.16	ke	BUD	18003164	BUD			153

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	18003164

Sta	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	0.18	96.5	Pg	16:03:09.467	-0.1					T__		586.3		_c_	ML	1.6	237572	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
BEHE	0.34	328.2	Lg	16:03:17.821	0.3					T__						237576	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A273A	0.60	115.6	Pg	16:03:17.528	-0.1					T__		148.6		---	ML	2.0	237568	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.60	115.6	Sn	16:03:28.484	-1.8					T__				---		237569	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
KOGS	0.61	296.5	Sn	16:03:28.794	-1.6					T__				---		237577	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	0.75	96.7	Pg	16:03:20.569	0.3					T__		110.9		---	ML	2.0	237573	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.75	96.7	Lg	16:03:31.716	1.5					T__				---		237578	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
PTJ	0.79	250.2	Lg	16:03:32.534	0.1					T__				---		237579	FDSN	CR	--	BUD	iLoc	BHN	???	_	
MORH	1.12	87.6	Pg	16:03:27.315	0.2					T__		20.7		---	ML	1.4	237571	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.12	87.6	Sn	16:03:43.091	0.2					T__				---		237570	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
CRES	1.16	252.7	Pg	16:03:27.536	0.5					T__		22.6		---	ML	1.5	237575	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.16	252.7	Sn	16:03:44.481	0.5					T__				---		237574	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/01	07:20:28.54	1.91	0.65	46.0323	22.8818	12.8	7.7	24	0.0f		8	5	206	0.15	0.98	sx	BUD	18003172	BUD			248

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	3 BUD	18003172

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.15	174.3	Pg	07:20:31.679	0.3					T__		2518.7		---	ML	2.1	237738	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.15	174.3	Lg	07:20:33.135	-0.4					T__				---		237737	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
GZR	0.64	186.6	Pg	07:20:41.227	0.3					T__		91.0		---	ML	1.8	237739	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.64	186.6	Lg	07:20:49.318	-0.7					T__				---		237740	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
LOT	0.85	132.9	Pg	07:20:45.111	0.2					T__		124.5		---	ML	2.1	237743	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.85	132.9	Lg	07:20:56.844	-0.6					T__				---		237742	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									

SIRR	0.88	285.9	Lg	07:20:58.243	-0.9	T__	---	237744	FDSN	RO	--	BUD	iLoc	HHE	???	_
BZS	0.98	245.3	Lg	07:21:01.537	0.2	T__	---	237741	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/01	07:35:35.32	1.91	0.63	47.9769	20.6612	17.4	7.1	8	0.0A	0.0	5	4	277	0.17	0.53	m	kx BUD	18003174	BUD			360
2022/08/01	07:35:34.99	1.04	0.35	48.0471	20.6805f				0.0f		5	4	249	0.13	0.46		kx BUD_GT	18003175	BUD_GT			317

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	07:35:38.213	-0.0					T__		491.7		---	ML	1.3	237763	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	07:35:41.348	0.3					T__				---		237764	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

(Reading ML: 1.3 magdef=1  
(Station ML: 1.3 magdef=0)

ABAH	0.45	56.1	Lg	07:35:51.543	-0.5					T__				---		237765	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.46	343.5	Lg	07:35:51.609	0.3					T__				---		237766	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.46	348.2	Lg	07:35:51.308	-0.1					T__				---		237767	FDSN	ZJ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/01	10:04:15.20	1.01	0.57	48.8612	21.0483	7.0	4.1	154	0.0f		13	8	125	0.50	1.23		sx BUD	18003178	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	18003178

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.50	222.9	Pg	10:04:25.003	-0.1					T__		43.7		---	ML	1.3	237829	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	222.9	Lg	10:04:33.044	0.4					T__				---		237837	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.3 magdef=1  
(Station ML: 1.3 magdef=1)

KECS	0.53	224.8	Pg	10:04:25.569	-0.3					T__		107.8		---	ML	1.8	237830	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.53	224.8	Lg	10:04:34.035	0.2					T__				---		237838	FDSN	SK	--	BUD	iLoc	EHN	???	_	

(Reading ML: 1.8 magdef=1  
(Station ML: 1.8 magdef=1)

ABAH	0.58	167.3	Lg	10:04:36.453	-0.1					T__				---		237833	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.74	318.9	Lg	10:04:39.932	0.1					T__				---		237834	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	0.81	84.4	Pg	10:04:30.869	0.2					T__				---		237836	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.81	84.4	Lg	10:04:42.926	-0.8					T__				---		237835	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.82	205.4	Pg	10:04:32.690	0.7					T__		39.9		---	ML	1.6	237831	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.82	205.4	Lg	10:04:43.695	-0.9					T__				---		237832	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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

PSZ	1.22	219.6	Sn	10:04:57.121	0.4					T__				---		237839	FDSN	GE	--	BUD	iLoc	HHN	???	_	
TRPA	1.23	125.9	Pg	10:04:39.431	0.5					T__		54.1		---	ML	1.9	237840	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.23	125.9	Sn	10:04:56.262	-0.7					T__				---		237841	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.9 magdef=1  
(Station ML: 1.9 magdef=1)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/01	10:10:17.70	1.06	0.71	48.8763	21.0381	7.2	5.0	144	0.0f	10	8	127	0.50	1.51	sx	BUD	18003180	BUD				208

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.50	221.1	Pg	10:10:27.713	-0.1					T__		82.2		---	ML	1.6	237868	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	221.1	Lg	10:10:35.562	0.2					T__				---		237869	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.54	223.2	Lg	10:10:36.647	0.1					T__				---		237870	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.60	166.9	Lg	10:10:39.495	-0.1					T__				---		237872	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.73	318.5	Lg	10:10:41.746	-0.1					T__				---		237874	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	0.82	85.5	Pg	10:10:33.321	0.0					T__				---		237875	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
HU02A	0.83	204.5	Pg	10:10:35.393	0.6					T__	41.3			---	ML	1.6	237871	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	204.5	Lg	10:10:45.872	-1.6					T__				---		237876	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.22	218.9	Sn	10:10:59.876	0.4					T__				---		237873	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.51	256.1	Lg	10:11:07.865	-0.5					T__				---		237877	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	
2022/08/01	10:59:13.47	0.73	0.12	48.0048	19.6376	9.8	4.3	128	0.0A	0.0	7	4	216	0.10	0.78	m	kx	BUD	18003182	BUD			360
2022/08/01	10:59:11.94	0.96	1.17	48.0061	19.6278f				0.0f		7	4	220	0.10	0.78		kx	BUD_GT	18003183	BUD_GT			294

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	3 BUD	18003183

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.10	190.5	Pg	10:59:15.513	1.0					T__		361.2		---	ML	1.1	237937	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	10:59:16.308	-0.4					T__				---		237938	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.20	116.0	Pg	10:59:17.154	0.4					T__	229.3			---	ML	1.2	237934	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	10:59:19.264	-1.3					T__				---		237939	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.61	78.7	Lg	10:59:32.674	-2.0					T__				---		237935	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.78	50.9	Pg	10:59:28.375	0.8					T__	21.5			---	ML	1.3	237940	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	50.9	Lg	10:59:38.587	-0.8					T__				---		237936	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/01	16:48:25.87	1.14	0.49	47.7605	16.4610	11.3	4.9	4	11.0f		5	3	141	0.10	1.30	ke	BUD	18003184	BUD				258

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.10	139.6	Pg	16:48:29.104	0.3					T__		67.3		---	ML	0.4	237964	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.10	139.6	Lg	16:48:30.578	-0.4					T__				---		237963	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.4 magdef=1)																					
				(Station ML: 0.4 magdef=0)																					
RONA	0.13	241.4	Pg	16:48:29.587	0.3					T__				---		237961	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.13	241.4	Lg	16:48:31.392	-0.4					T__				---		237962	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.30	358.1	Sn	16:49:07.239	-0.2					T__				---		237965	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/02	08:06:27.96	1.03	0.84	48.5118	20.7796	9.7	4.8	7	0.0f		11	8	156	0.16	1.29	sx	BUD	18003188	BUD			197

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	18003188

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	264.4	Pg	08:06:31.478	0.1					T__		352.1		---	ML	1.3	238203	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	264.4	Lg	08:06:35.185	1.1					T__				---		238208	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
KECS	0.20	261.8	Pg	08:06:32.099	-0.0					T__		1118.5		---	ML	1.9	238204	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	261.8	Lg	08:06:36.244	0.8					T__				---		238207	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
ABAH	0.38	125.0	Lg	08:06:43.292	1.0					T__				---		238205	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.43	203.6	Lg	08:06:44.523	0.5					T__				---		238210	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.84	225.2	Lg	08:06:57.340	-1.0					T__				---		238209	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOLS	1.08	66.3	Lg	08:07:04.911	-0.2					T__				---		238206	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.23	107.3	Sn	08:07:09.423	-0.4					T__				---		238213	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.29	269.9	Pn	08:06:53.042	-0.3					T__		10.9		---	ML	1.3	238212	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	269.9	Sn	08:07:10.133	-1.2					T__				---		238211	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/02	08:30:34.77	3.03	0.68	46.9021	22.7959	23.5	7.4	164	0.0f		9	6	237	0.12	1.60	sx	BUD	18003190	BUD			283

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.9	3 BUD	18003190

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.12	207.8	Pg	08:30:37.394	-0.2					T__		204.3		---	ML	1.0	238238	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.12	207.8	Lg	08:30:39.969	-0.2					T__				---		238239	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
CJR	0.58	108.6	Lg	08:30:54.451	-1.0					T__				---		238244	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	1.01	231.4	Lg	08:31:09.768	0.3					T__				---		238240	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.51	180.5	Pn	08:31:03.341	0.2					T__		32.5		---	ML	1.9	238242	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.51	180.5	Sn	08:31:23.572	0.1					T__				---		238241	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					

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(Station ML: 1.9 magdef=1
BZS 1.52 212.9 Sn 08:31:24.156 0.4 T__
LOT 1.60 154.7 Pg 08:31:06.482 1.2 T__ 125.2 --- ML 2.5 238243 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.60 154.7 Sn 08:31:25.800 -0.1 T__ --- 238246 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/02	08:39:30.01	0.72	1.21	48.2114	18.7847	4.1	3.2	36	0.0f		19	13	62	0.28	1.77	sx	BUD	18003192	BUD			94

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Magnitude Err Nsta Author OrigID
ML 1.8 0.0 5 BUD 18003192

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Sta	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	0.28	6.9	Pg	08:39:36.043	0.0					T__		183.9			ML	1.4	238285	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VVHS	0.28	6.9	Lg	08:39:40.316	-0.2					T__						238291	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0)																										
HU10A	0.40	156.7	Lg	08:39:44.384	-0.7					T__						238292	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU03A	0.63	119.1	Lg	08:39:52.550	-0.1					T__						238283	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.80	111.1	Pg	08:39:48.241	1.3					T__	74.4				ML	1.8	238284	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.80	111.1	Lg	08:39:57.845	-1.3					T__						238293	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																										
CSKK	0.92	202.8	Lg	08:40:01.898	-1.3					T__						238286	FDSN	HU	--	BUD	iLoc	HHE	???	_		
HU08A	0.97	216.9	Lg	08:40:03.863	-0.6					T__						238295	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
JAVC	0.98	311.6	Pg	08:39:49.993	-0.1					T__	92.1				ML	2.0	238290	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	0.98	311.6	Lg	08:40:03.907	-1.2					T__						238294	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0)																										
MODS	1.02	279.7	Pg	08:39:52.111	1.5					T__						238289	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	1.02	279.7	Lg	08:40:04.783	-1.4					T__						238296	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KECS	1.17	75.9	Sn	08:40:08.970	-1.3					T__						238297	FDSN	SK	--	BUD	iLoc	EHN	???	_		
HU02A	1.17	93.7	Pn	08:39:53.645	-0.0					T__	33.8				ML	1.7	238287	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	1.17	93.7	Sn	08:40:10.334	-0.0					T__						238298	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
JOS	1.20	75.7	Pg	08:39:53.645	-0.2					T__	47.9				ML	1.9	238288	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	1.20	75.7	Sn	08:40:09.969	-1.2					T__						238299	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																										
NIE	1.57	39.1	Sn	08:40:22.777	2.6					T__						238300	FDSN	PL	--	BUD	iLoc	BHN	???	_		
MORC	1.77	332.9	Sn	08:40:26.638	1.5					T__						238301	FDSN	CZ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/02	09:47:59.14	1.28	0.59	47.2145	18.2560	12.4	6.2	176	0.0A	0.0	7	5	256	0.15	1.34	m	kx	BUD	18003194	BUD			360
2022/08/02	09:47:57.51	1.00	0.86	47.2302	18.2835f				0.0f		7	5	252	0.13	1.32		kx	BUD_GT	18003195	BUD_GT			296

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

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Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	353.3	Pg	09:48:01.360	0.5					T__		219.5		---	ML	1.0	238376	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:48:03.496	-0.5					T__				---		238377	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.0 magdef=1)		(Station ML: 1.0 magdef=1)																			
HU08A	0.32	309.6	Pg	09:48:05.003	0.6					T__		71.1		---	ML	1.0	238378	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.32	309.6	Lg	09:48:09.350	-0.7					T__				---		238380	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.0 magdef=1)		(Station ML: 1.0 magdef=1)																			
HU09A	0.41	9.3	Lg	09:48:11.871	-1.7					T__				---		238381	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	1.29	57.1	Sn	09:48:41.360	0.1					T__				---		238382	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.32	16.2	Sn	09:48:42.451	0.5					T__				---		238379	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/02	09:56:42.35	1.03	0.97	48.4577	20.3976	6.7	4.4	135	0.0f		9	6	153	0.06	1.04	sx	BUD	18003196	BUD			214

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	3 BUD	18003196

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.06	66.4	Pg	09:56:44.297	0.4					T__		608.2		---	ML	1.3	238407	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.06	66.4	Lg	09:56:45.744	0.5					T__				---		238410	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.3 magdef=1)		(Station ML: 1.3 magdef=1)																			
JOS	0.10	68.0	Pg	09:56:44.799	0.2					T__		465.7		---	ML	1.3	238406	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.10	68.0	Lg	09:56:45.931	-0.6					T__				---		238411	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.3 magdef=1)		(Station ML: 1.3 magdef=1)																			
HU02A	0.35	165.7	Pg	09:56:49.500	-0.4					T__		25.9		---	ML	0.7	238408	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.35	165.7	Lg	09:56:57.206	1.5					T__				---		238412	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 0.7 magdef=1)		(Station ML: 0.7 magdef=1)																			
ABAH	0.58	105.8	Lg	09:57:02.487	-1.5					T__				---		238413	FDSN	HU	--	BUD	iLoc	HNN	???	_	
PSZ	0.64	212.1	Lg	09:57:05.815	0.0					T__				---		238409	FDSN	GE	--	BUD	iLoc	HNN	???	_	
VYHS	1.04	272.6	Lg	09:57:17.702	-0.6					T__				---		238414	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/02	10:42:50.73	1.22	0.73	46.1546	22.8554	14.9	5.8	88	0.0f		5	4	181	0.27	1.02	sx	BUD	18003198	BUD			294

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.27	173.0	Lg	10:43:00.258	0.5					T__				---		238437	FDSN	RO	--	BUD	iLoc	HNN	???	_	
DRGR	0.64	351.2	Pg	10:43:03.611	-0.2					T__		33.7		---	ML	1.4	238433	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.64	351.2	Lg	10:43:14.932	0.6					T__				---		238434	FDSN	RO	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.4 magdef=1)		(Station ML: 1.4 magdef=0)																			
GZR	0.76	184.2	Lg	10:43:15.522	-0.6					T__				---		238435	FDSN	RO	--	BUD	iLoc	HNN	???	_	

BZS	1.02	238.6	Lg	10:43:25.087	0.2				T__						238436	FDSN	RO	--	BUD	iLoc	HHN	???	_		
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/08/03	06:46:30.11	0.94	0.62	48.0360	20.5061	6.0	3.1	120	5.0f		12	6	141	0.09	0.56	ke	BUD	18003202	BUD				195		
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.3	0.1	6	BUD	18003202																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.09	8.4	Pg	06:46:32.480	-0.0					T__		515.8		_d	ML	1.3	238512	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.09	8.4	Lg	06:46:34.235	-0.3					T__				---		238513	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.3 magdef=1)																								
	(Station ML: 1.3 magdef=1)																								
PSZ	0.43	254.2	Pg	06:46:39.421	0.0					T__		72.6		---	ML	1.3	238518	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.43	254.2	Lg	06:46:45.131	-1.0					T__				---		238519	FDSN	GE	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.3 magdef=1)																								
	(Station ML: 1.3 magdef=1)																								
HU23A	0.43	203.6	Pg	06:46:39.275	-0.1					T__		224.8		---	ML	1.9	238523	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.43	203.6	Lg	06:46:47.124	1.2					T__				---		238522	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=0)																								
KECS	0.45	358.3	Pg	06:46:39.629	0.5					T__		135.9		---	ML	1.7	238515	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.45	358.3	Lg	06:46:46.193	0.3					T__				---		238514	FDSN	SK	--	BUD	iLoc	EHE	???	_	
	(Reading ML: 1.7 magdef=1)																								
	(Station ML: 1.7 magdef=1)																								
JOS	0.46	2.8	Pg	06:46:39.603	0.3					T__		30.6		---	ML	1.1	238517	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	2.8	Lg	06:46:46.031	-0.3					T__				---		238516	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.1 magdef=1)																								
	(Station ML: 1.1 magdef=0)																								
ABAH	0.56	61.8	Pg	06:46:41.095	-0.0					T__		33.3		---	ML	1.3	238520	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.56	61.8	Lg	06:46:49.592	-0.6					T__				---		238521	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.3 magdef=1)																								
	(Station ML: 1.3 magdef=1)																								
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/08/03	07:12:01.18	1.00	0.87	45.5141	16.4932	10.4	4.5	53	2.5	26.4	12	7	146	0.54	1.68	ke	BUD	18003204	BUD				229		
Magnitude	Err	Nsta	Author	OrigID																					
ML	2.0	0.0	5	BUD	18003204																				
Sta	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	0.54	317.1	Pg	07:12:12.218	0.2					T__		144.7		---	ML	2.0	238563	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.54	317.1	Lg	07:12:18.571	-1.3					T__				---		238567	FDSN	CR	--	BUD	iLoc	BHN	???	_	
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=1)																								
CRES	0.79	293.6	Pg	07:12:16.850	0.4					T__		75.5		---	ML	1.8	238564	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.79	293.6	Lg	07:12:27.977	0.0					T__				---		238565	FDSN	SL	--	BUD	iLoc	BHN	???	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=0)																								
BLY	0.91	147.2	Pg	07:12:18.469	-0.4					T__		93.0		---	ML	2.0	238566	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_



BLY	0.91	147.2	Lg	07:12:31.679	1.3	T__									238568	FDSN	MN	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
KOGS	0.95	349.8	Pg	07:12:19.723	-0.0	T__	108.5								238561	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.95	349.8	Lg	07:12:32.346	0.5	T__									238562	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							
BEHE	0.98	11.5	Pg	07:12:20.472	0.1	T__	200.9								238560	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.98	11.5	Lg	07:12:33.863	0.6	T__									238559	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																							
(Station ML: 2.3 magdef=0)																							
MORH	1.66	64.2	Lg	07:12:53.527	-1.1	T__									238569	FDSN	HU	--	BUD	iLoc	HHN	???	_
OBKA	1.68	307.0	Lg	07:12:54.741	-0.6	T__									238570	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/03	07:21:50.04	0.98	1.12	47.8408	19.8242	5.9	3.7	160	0.0f		16	10	131	0.09	1.61	sx	BUD	18003206	BUD			206

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	18003206

Sta	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	31.3	Pg	07:21:51.918	-0.8					T__		2508.6			ML	2.0	238609	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.09	31.3	Lg	07:21:54.608	-0.4					T__						238610	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU03A	0.16	292.7	Pg	07:21:54.315	0.4					T__	503.0				ML	1.5	238612	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.16	292.7	Lg	07:21:58.037	1.1					T__						238611	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU01A	0.52	195.6	Lg	07:22:09.831	0.3					T__						238615	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU10A	0.54	270.8	Lg	07:22:09.750	-0.6					T__						238614	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.55	58.9	Pg	07:22:00.586	-1.1					T__	40.8				ML	1.4	238613	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.55	58.9	Lg	07:22:10.984	0.4					T__						238622	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.78	34.3	Pg	07:22:07.302	1.6					T__	133.6				ML	2.1	238617	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.78	34.3	Lg	07:22:17.194	-0.3					T__						238616	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
JOS	0.81	35.9	Pg	07:22:07.221	1.0					T__	53.7				ML	1.7	238619	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	35.9	Lg	07:22:17.923	-0.6					T__						238618	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	0.93	315.0	Lg	07:22:21.099	-1.4					T__						238620	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	1.05	63.8	Pg	07:22:12.178	1.3					T__	73.1				ML	1.9	238621	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.05	63.8	Lg	07:22:25.974	-1.4					T__						238623	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
NIE	1.61	11.1	Lg	07:22:45.318	1.6					T__						238624	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
2022/08/03	08:44:09.83	0.92	0.93	48.4947	17.5119	6.2	3.1	127	0.0f	12	8	133	0.20	1.24	sx	BUD	18003208	BUD				206

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.20	232.3	Pg	08:44:14.140	-0.2					T__						238674	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.20	232.3	Lg	08:44:17.924	-0.2					T__						238684	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.38	16.0	Pg	08:44:17.235	-0.7					T__		77.1							--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	16.0	Lg	08:44:24.611	0.3					T__						238685	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
ZST	0.40	222.6	Lg	08:44:24.185	-0.7					T__						238683	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	0.88	89.6	Lg	08:44:41.481	1.1					T__						238680	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	0.93	308.0	Lg	08:44:42.319	0.9					T__						238676	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	1.02	323.7	Lg	08:44:45.234	1.3					T__						238677	FDSN	CZ	--	BUD	iLoc	HHN	???	_
RONA	1.14	226.1	Pg	08:44:32.659	0.3					T__						238681	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.14	226.1	Lg	08:44:48.405	1.2					T__						238679	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.24	243.4	Pg	08:44:33.074	-1.2					T__		25.2							--	BUD	iLoc	HHZ	HHZ	_
CONA	1.24	243.4	Sn	08:44:51.796	-0.2					T__						238678	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/03	09:07:08.65	2.13	0.65	48.8785	21.0428	14.5	7.4	75	0.0f	8	6	209	0.51	1.23	sx	BUD	18003210	BUD				304

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.51	221.2	Pg	09:07:18.853	0.1					T__		93.8				238707	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	221.2	Lg	09:07:26.854	0.4					T__						238708	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KECS	0.54	223.2	Lg	09:07:27.178	-0.5					T__						238709	FDSN	SK	--	BUD	iLoc	EHN	???	_
ABAH	0.60	167.3	Lg	09:07:29.888	-0.7					T__						238711	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	0.73	318.2	Lg	09:07:32.478	-0.3					T__						238712	FDSN	PL	--	BUD	iLoc	BHE	???	_
HU02A	0.83	204.7	Pg	09:07:26.530	0.8					T__		37.7							00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	204.7	Lg	09:07:37.818	-0.7					T__						238713	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
PSZ	1.23	219.0	Sn	09:07:50.345	-0.1					T__						238714	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/03	10:26:49.19	0.78	0.99	48.7196	18.7066	5.6	3.1	40	0.0f	16	12	135	0.24	1.39	sx	BUD	18003212	BUD				177

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	7 BUD	18003212

Sta	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	159.1	Pg	10:26:55.873	1.6					T__		94.4				238799	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS	0.24	159.1	Lg	10:26:58.219	0.1	T__							238803	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=0)																								
JAVC	0.70	281.9	Pg	10:27:03.741	0.2	T__	57.7						1.6	238801	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	0.70	281.9	Lg	10:27:13.815	-0.7	T__								238804	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
HU10A	0.90	166.5	Lg	10:27:19.873	-1.8	T__								238805	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
SRO	0.94	196.3	Lg	10:27:22.093	-1.1	T__								238806	FDSN	SK	--	BUD	iLoc	EHN	???	_		
MODS	1.01	250.5	Lg	10:27:24.117	-0.8	T__								238808	FDSN	SK	--	BUD	iLoc	HHN	???	_		
HU03A	1.01	143.5	Pg	10:27:09.710	-0.4	T__	73.0							1.9	238797	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	1.01	143.5	Lg	10:27:23.223	-1.6	T__									238807	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=0)																								
PSZ	1.13	134.9	Pn	10:27:12.370	0.1	T__	48.3							1.8	238800	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KECS	1.20	100.7	Lg	10:27:29.453	-0.6	T__									238812	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.24	99.7	Pg	10:27:13.513	-0.0	T__	36.6								1.8	238798	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
MORC	1.30	324.7	Pg	10:27:14.064	0.6	T__	37.5								1.8	238810	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.30	324.7	Lg	10:27:31.946	0.4	T__										238809	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU02A	1.35	115.6	Pn	10:27:14.888	-0.5	T__	31.9								1.8	238811	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU08A	1.39	202.4	Sn	10:27:35.705	0.8	T__										238802	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/04	07:47:05.95	1.47	1.33	48.3172	21.2817	8.2	6.1	116	0.0f		9	7	130	0.04	1.01	sx	BUD	18003216	BUD			186

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.04	233.0	Pg	07:47:07.705	0.5					T__		3928.1			ML	2.0	238944	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.04	233.0	Lg	07:47:08.794	0.2					T__						238951	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.53	290.1	Pg	07:47:17.066	0.5					T__		31.2			ML	1.3	238948	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	290.1	Lg	07:47:24.082	-0.5					T__						238945	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.54	249.2	Lg	07:47:24.894	-1.2					T__						238949	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.56	287.7	Lg	07:47:25.422	-0.2					T__						238950	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.86	102.1	Lg	07:47:36.166	-0.8					T__						238952	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOLS	0.90	46.5	Lg	07:47:36.817	-0.9					T__						238946	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.01	247.3	Lg	07:47:39.724	-2.6					T__						238947	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/04	07:55:25.24	1.16	0.35	46.1146	18.1010	9.8	3.4	105	0.0f	6	3	193	0.03	0.43	sx	BUD	18003218	BUD				300

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.6	3 BUD	18003218

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	181.7	Pg	07:55:26.448	0.0					T__		755.4		_c_	ML	1.3	238993	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	181.7	Lg	07:55:27.901	0.0					T__				---		238994	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
MORH	0.39	74.9	Pg	07:55:33.744	0.2					T__		31.0		---	ML	0.9	238995	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.39	74.9	Lg	07:55:39.383	-0.6					T__				---		238997	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
A266A	0.43	15.4	Pg	07:55:34.329	0.0					T__		211.0		---	ML	1.8	238996	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.43	15.4	Lg	07:55:41.166	-0.0					T__				---		238998	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/04	08:06:01.88	0.68	1.15	47.3508	18.2874	3.8	3.2	79	0.0f	22	15	99	0.02	1.70	sx	BUD	18003220	BUD					105

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	7 BUD	18003220

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.02	304.0	Pg	08:06:02.684	-0.2					T__		5895.2		---	ML	2.1	239041	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	304.0	Lg	08:06:03.779	-0.5					T__				---		239042	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
HU08A	0.26	288.2	Lg	08:06:12.317	-0.1					T__				---		239049	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU09A	0.30	12.6	Pg	08:06:08.874	0.6					T__		304.1		---	ML	1.6	239043	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.30	12.6	Lg	08:06:12.854	-0.9					T__				---		239050	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
A267A	0.43	161.8	Lg	08:06:17.638	-0.4					T__				---		239044	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MPLH	0.54	250.7	Lg	08:06:21.830	0.4					T__				---		239051	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU10A	0.70	44.7	Pg	08:06:17.360	0.9					T__		155.0		---	ML	2.1	239053	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.70	44.7	Lg	08:06:26.417	-1.4					T__				---		239052	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
A266A	0.83	181.1	Pg	08:06:19.534	1.0					T__		185.9		---	ML	2.2	239054	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.83	181.1	Lg	08:06:30.490	-0.1					T__				---		239055	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
MORH	1.16	167.7	Pg	08:06:24.230	-0.8					T__		19.1		---	ML	1.4	239047	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.16	167.7	Sn	08:06:40.846	-1.1					T__				---		239056	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
VYHS	1.20	17.7	Pn	08:06:25.654	-0.3					T__		14.9		---	ML	1.3	239046	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.20	17.7	Sn	08:06:41.740	-1.3					T__				---		239045	FDSN	SK	--	BUD	iLoc	HNN	???	_	

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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
PSZ 1.23 61.8 Pn 08:06:26.008 -0.4 T__ 32.6 ___ ML 1.7 239058 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.23 61.8 Sn 08:06:44.413 0.7 T__ ___ 239062 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 1.23 326.8 Sn 08:06:42.612 -1.1 T__ ___ 239057 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.27 185.9 Sn 08:06:43.913 -0.7 T__ ___ 239048 FDSN HU -- BUD iLoc HHN ??? _
RONA 1.39 285.2 Lg 08:06:47.446 -0.2 T__ ___ 239059 FDSN OE -- BUD iLoc HHN ??? _
JAVC 1.56 344.9 Sn 08:06:55.034 3.0 T__ ___ 239060 FDSN CZ -- BUD iLoc HHN ??? _
HU02A 1.70 62.1 Sn 08:06:57.428 2.2 T__ ___ 239061 FDSN ZJ 00 BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/04 08:27:27.04 1.21 0.28 48.9523 19.4021 8.6 4.6 149 0.0f 7 5 191 0.59 1.09 sx BUD 18003222 BUD 261

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Magnitude Err Nsta Author OrigID
ML 1.2 0.2 3 BUD 18003222

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
VYHS 0.59 219.5 Pg 08:27:39.001 -0.1 T__ 13.9 ___ ML 1.0 239098 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.59 219.5 Lg 08:27:47.693 -0.0 T__ ___ 239099 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
NIE 0.75 51.3 Pg 08:27:41.229 -0.0 T__ 19.5 ___ ML 1.2 239097 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.86 122.8 Lg 08:27:56.968 0.2 T__ ___ 239095 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.88 120.8 Pg 08:27:44.297 -0.1 T__ 23.5 ___ ML 1.4 239093 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.88 120.8 Lg 08:27:57.261 -0.3 T__ ___ 239094 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 1.09 162.2 Sn 08:28:05.769 0.4 T__ ___ 239096 FDSN GE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/04 08:34:35.33 0.72 0.75 48.4476 19.3736 4.4 3.1 7 0.0f 18 12 73 0.36 1.79 sx BUD 18003224 BUD 127

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Magnitude Err Nsta Author OrigID
ML 1.6 0.2 7 BUD 18003224

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Sta 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 0.36 277.6 Pg 08:34:43.247 0.4 T__ 47.5 ___ ML 1.0 239146 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.36 277.6 Lg 08:34:48.122 -0.2 T__ ___ 239147 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU03A 0.56 164.4 Lg 08:34:56.583 0.8 T__ ___ 239148 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.63 146.5 Pg 08:34:49.153 0.2 T__ 53.5 ___ ML 1.6 239144 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.63 146.5 Lg 08:34:58.447 -0.3 T__ ___ 239143 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU10A 0.65 201.7 Lg 08:34:58.545 -0.5 T__ ___ 239149 FDSN ZJ 00 BUD iLoc HHN ??? _

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KECS	0.74	86.8	Pg	08:34:50.961	0.8	T__	135.9	___	ML	2.0	239140	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.74	86.8	Lg	08:35:00.858	-0.4	T__		---			239139	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
JOS	0.78	86.0	Pg	08:34:51.016	0.2	T__	64.3	___	ML	1.7	239137	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	86.0	Lg	08:35:01.953	-0.5	T__		---			239138	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU02A	0.84	112.5	Pg	08:34:52.970	0.4	T__	42.5	___	ML	1.6	239141	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	112.5	Lg	08:35:04.181	-1.3	T__		---			239142	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
NIE	1.15	31.8	Pg	08:34:58.265	1.3	T__	16.1	___	ML	1.3	239145	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.15	31.8	Lg	08:35:12.690	-1.0	T__		---			239150	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
JAVC	1.20	290.7	Pn	08:34:58.802	-0.7	T__	36.3	___	ML	1.7	239151	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ABAH	1.25	96.3	Sn	08:35:17.773	0.1	T__		---			239152	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.40	267.7	Sn	08:35:21.917	0.6	T__		---			239153	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORC	1.79	318.6	Sn	08:35:30.322	-0.8	T__		---			239154	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/04	08:48:58.57	2.03	1.55	48.6809	20.8136	15.7	4.8	178	0.0f		9	6	189	0.26	1.33	sx	BUD	18003226	BUD			240

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	18003226

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.26	224.6	Pg	08:49:04.108	0.2					T__		104.7		---	ML	1.0	239201	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.26	224.6	Lg	08:49:07.915	-0.1					T__				---		239202	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.29	227.9	Pg	08:49:04.721	0.1					T__		322.8		---	ML	1.6	239204	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.29	227.9	Lg	08:49:09.031	-0.2					T__				---		239203	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.48	143.5	Pg	08:49:08.873	0.6					T__		38.6		---	ML	1.2	239208	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.48	143.5	Lg	08:49:15.958	-0.5					T__				---		239209	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.98	219.2	Lg	08:49:32.221	-1.5					T__				---		239206	FDSN	GE	--	BUD	iLoc	HHN	???	_	
UZH	0.98	92.4	Lg	08:49:29.435	-3.3					T__				---		239205	FDSN	UA	--	BUD	iLoc	BHN	???	_	
VYHS	1.33	262.6	Sn	08:49:43.485	0.8					T__				---		239207	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		
2022/08/04	09:04:44.72	0.92	1.40	48.9946	20.3604	16.0	3.6	82	0.0f		9	6	158	0.43	1.26	sx	BUD	18003228	BUD					255

Magnitude	Err	Nsta	Author	OrigID
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ML 1.3 0.0 3 BUD 18003228

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
NIE	0.43	354.7	Pg	09:04:53.397	0.6					T__		25.9		---	ML	0.9	239256	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.43	354.7	Lg	09:04:58.008	-1.0					T__				---		239258	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.51	166.6	Pg	09:04:55.895	0.9					T__		43.7		---	ML	1.4	239255	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	166.6	Lg	09:05:01.674	-1.0					T__				---		239259	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.52	170.8	Lg	09:05:02.841	-0.1					T__				---		239257	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.88	172.8	Pg	09:05:02.848	0.1					T__		22.9		---	ML	1.3	239253	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	172.8	Lg	09:05:13.438	-2.8					T__				---		239260	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	1.12	196.2	Sn	09:05:24.467	0.6					T__				---		239254	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOLS	1.26	92.1	Lg	09:05:26.502	-0.5					T__				---		239261	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
2022/08/04	09:19:37.29	0.90	1.12	48.7538	21.6440	6.5	3.7	159	0.0f		15	9	90	0.45	1.44	sx	BUD	18003230	BUD			147

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 5 BUD 18003230

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.45	66.4	Pg	09:19:46.274	0.1					T__				---		239301	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.45	66.4	Lg	09:19:52.245	-1.5					T__				---		239306	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.53	210.6	Lg	09:19:56.720	-0.2					T__				---		239307	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.78	251.0	Pg	09:19:52.495	-0.2					T__		143.0		---	ML	2.1	239302	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	251.0	Lg	09:20:05.715	1.4					T__				---		239303	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KECS	0.81	251.0	Pg	09:19:53.061	-0.4					T__		221.4		---	ML	2.3	239296	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.81	251.0	Lg	09:20:06.591	1.0					T__				---		239304	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
TRPA	0.86	136.0	Pg	09:19:54.093	0.1					T__		78.1		---	ML	1.9	239308	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.86	136.0	Lg	09:20:08.941	0.8					T__				---		239297	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	0.98	230.1	Pg	09:19:55.836	-1.5					T__		60.5		---	ML	1.8	239295	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	230.1	Lg	09:20:10.535	-1.6					T__				---		239299	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	1.11	307.5	Pg	09:19:57.854	-0.3					T__		28.8		---	ML	1.6	239309	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.11	307.5	Lg	09:20:14.433	-0.1					T__				---		239305	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
KWP	1.12	38.1	Lg	09:20:14.242	-0.7					T__				---		239298	FDSN	PL	--	BUD	iLoc	HHN	???	_	
PSZ	1.44	235.0	Sn	09:20:26.220	2.0					T__				---		239300	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/04	09:33:42.40	0.97	0.39	47.8584	16.0526	9.0	3.9	36	0.0f	7	4	164	0.15	1.23	sx	BUD	18003232	BUD				241

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	298.6	Pg	09:33:45.593	0.0					T__		114.1		---	ML	0.8	239346	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	298.6	Lg	09:33:48.020	0.2					T__				---		239348	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.23	133.9	Pg	09:33:47.510	0.3					T__				---		239347	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	133.9	Lg	09:33:50.094	-0.5					T__				---		239349	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.97	57.4	Pg	09:34:02.400	0.3					T__				---		239350	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KRUC	1.23	10.6	Pg	09:34:05.803	-0.1					T__		22.9		---	ML	1.5	239351	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.23	10.6	Sn	09:34:23.771	-0.3					T__				---		239352	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/08/04	10:03:44.07	1.80	1.35	48.4502	20.5981	13.3	6.0	84	0.0f	6	4	229	0.06	0.71	sx	BUD	18003234	BUD						262

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.06	319.4	Pg	10:03:44.988	-0.6					T__		162.4		---	ML	0.7	239386	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.06	319.4	Lg	10:03:47.890	1.1					T__				---		239390	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KECS	0.08	293.8	Pg	10:03:45.445	-0.5					T__		249.4		---	ML	0.9	239387	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.08	293.8	Lg	10:03:48.661	1.1					T__				---		239391	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
HU02A	0.33	188.5	Lg	10:03:58.368	1.4					T__				---		239388	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.71	221.8	Lg	10:04:09.331	-0.7					T__				---		239389	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/08/05	07:29:30.49	0.59	0.64	47.9643	20.3605	9.1	3.9	148	0.0A	0.0	9	5	201	0.19	0.68	m	kx	BUD						360	
2022/08/05	07:29:28.77	0.94	0.67	47.9590	20.3545f				0.0f	9	5	202	0.20	0.68		kx	BUD_GT	18003241	BUD_GT						309

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

Magnitude Err Nsta Author OrigID  
ML 1.2 0.1 4 BUD 18003241

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	07:29:33.158	-0.3					T__		199.5		---	ML	1.2	239536	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	07:29:36.317	-0.9					T__				---		239542	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									



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PSZ 0.31 262.7 Pg 07:29:36.819 0.9 T__ 54.3 ___ ML 0.9 239538 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.31 262.7 Lg 07:29:40.654 -0.6 T__ ___ 239543 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.53 9.4 Lg 07:29:47.396 -0.4 T__ ___ 239544 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.55 12.9 Pg 07:29:40.191 0.3 T__ 25.6 ___ ML 1.2 239537 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 12.9 Lg 07:29:48.060 -0.3 T__ ___ 239539 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ABAH 0.68 60.0 Pg 07:29:43.150 0.7 T__ 26.4 ___ ML 1.3 239541 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.68 60.0 Lg 07:29:53.230 -0.7 T__ ___ 239540 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/05 07:31:46.00 0.63 0.85 48.0715 20.6926 7.4 4.2 163 0.0A 0.0 8 5 196 0.12 0.56 m kx BUD 18003242 BUD 360
2022/08/05 07:31:43.99 0.95 0.67 48.0471 20.6805f 0.0f 8 5 200 0.13 0.54 kx BUD_GT 18003243 BUD_GT 268
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.2 0.0 3 BUD 18003243

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.13 305.8 Pg 07:31:47.054 -0.2 T__ 477.4 ___ ML 1.3 239570 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.13 305.8 Lg 07:31:48.907 -1.1 T__ ___ 239571 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.45 56.1 Pg 07:31:53.709 0.5 T__ 40.9 ___ ML 1.2 239577 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.45 56.1 Lg 07:32:00.209 -0.9 T__ ___ 239576 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.46 343.5 Lg 07:32:00.374 0.0 T__ ___ 239572 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.46 348.2 Pg 07:31:53.910 0.6 T__ 36.6 ___ ML 1.1 239573 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.46 348.2 Lg 07:32:00.063 -0.4 T__ ___ 239574 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.54 256.6 Lg 07:32:05.030 0.6 T__ ___ 239575 FDSN GE -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/05 08:56:03.53 1.52 1.02 46.9219 22.8179 13.9 8.4 97 0.0f 8 6 164 0.15 1.62 sx BUD 18003244 BUD 284

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.15 209.4 Pg 08:56:07.457 0.6 T__ 436.9 ___ ML 1.4 239600 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.15 209.4 Lg 08:56:09.593 -0.1 T__ ___ 239601 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SIRR 1.03 231.1 Lg 08:56:37.508 -1.5 T__ ___ 239602 FDSN RO -- BUD iLoc HHE ??? _

```

TRPA	1.22	351.2	Sn	08:56:44.728	-0.4	T__									239603	FDSN	HU	--	BUD	iLoc	HHE	???	_
GZR	1.53	181.1	Pg	08:56:33.135	0.6	T__				27.2					239605	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.53	181.1	Sn	08:56:52.254	-0.5	T__									239604	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
BZS	1.55	213.0	Sn	08:56:52.152	-1.0	T__									239606	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.62	155.5	Sn	08:56:54.084	-0.9	T__									239607	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/05	09:08:13.24	2.73	0.69	48.7094	21.4452	17.3	10.9	27	0.0f		8	5	237	0.44	0.93	sx	BUD	18003246	BUD			307

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	18003246

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.44	198.4	Lg	09:08:29.817	0.2					T__						239635	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.64	250.8	Pg	09:08:26.074	0.1					T__		30.8			ML	1.3	239629	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	250.8	Lg	09:08:35.751	0.2					T__						239630	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.68	250.8	Pg	09:08:26.658	-0.1					T__		169.5			ML	2.1	239632	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.68	250.8	Lg	09:08:36.719	-0.2					T__						239631	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU02A	0.85	226.6	Pg	09:08:31.132	0.4					T__		30.4			ML	1.5	239633	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.85	226.6	Lg	09:08:42.562	-1.3					T__						239634	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
TRPA	0.93	128.1	Lg	09:08:45.520	-0.7					T__						239636	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
2022/08/05	09:23:30.40	3.08	0.68	48.4798	20.6997	20.2	5.7	59	0.0f		7	4	279	0.11	0.78	sx	BUD	18003248	BUD			305

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.1	3 BUD	18003248

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.11	278.6	Pg	09:23:32.656	-0.2					T__		103.1			ML	0.6	239671	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	278.6	Lg	09:23:35.283	0.5					T__						239672	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
KECS	0.14	271.5	Pg	09:23:33.271	-0.2					T__		234.5			ML	1.1	239674	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.14	271.5	Lg	09:23:36.330	0.3					T__						239673	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.38	198.1	Pg	09:23:38.369	-0.1					T__		17.0			ML	0.6	239675	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.38	198.1	Lg	09:23:45.616	0.8					T__						239676	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
PSZ	0.78	224.1	Lg	09:23:57.889	-0.8					T__						239677	FDSN	GE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/05	12:46:24.24	0.87	0.71	47.7364	16.0668	5.0	3.9	16	0.0f	10	6	114	0.16	1.34	sx	BUD	18003250	BUD				165

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.16	103.2	Pg	12:46:28.073	0.3					T__				_c_		239730	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.16	103.2	Lg	12:46:30.666	0.4					T__				---		239725	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.24	324.3	Pg	12:46:29.408	0.3					T__		30.4		---	ML	0.4	239731	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.24	324.3	Lg	12:46:32.784	0.2					T__				---		239724	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
ARSA	0.61	217.4	Pg	12:46:35.669	-0.4					T__		27.3		_c_	ML	1.3	239732	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.61	217.4	Lg	12:46:43.612	-0.2					T__				---		239726	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A019A	0.73	246.7	Lg	12:46:48.655	0.9					T__				---		239727	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	1.03	51.4	Pg	12:46:45.126	-0.0					T__				---		239733	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.03	51.4	Sn	12:46:59.895	-1.3					T__				---		239728	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.34	9.2	Sn	12:47:08.179	-0.7					T__				---		239729	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/05	17:38:06.93	2.63	3.93	48.0782	20.5313	150.4	15.4	85	10.0f	4	2	354	0.41	0.42	ke	BUD	18003252	BUD				360

Magnitude Err Nsta Author OrigID  
ML 0.7 0.8 3 BUD 18003252

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.04	354.5	Pg	17:38:06.338	-3.0					---		56.2		_c_	ML	0.2	239754	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.04	354.5	Lg	17:38:07.938	-3.4					---				---		239755	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									
KECS	0.41	355.7	Pg	17:38:15.301	0.0					T__		143.3		---	ML	1.6	239756	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.41	355.7	Lg	17:38:19.473	-2.0					T__				---		239759	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.42	0.7	Pg	17:38:13.037	-2.4					T__		17.2		---	ML	0.7	239757	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	0.7	Lg	17:38:19.391	-2.4					T__				---		239758	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/06	07:36:45.00	1.09	0.75	46.1144	18.3159	10.4	3.5	165	0.0f	7	5	191	0.15	0.60	sx	BUD	18003254	BUD				241

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	260.2	Pg	07:36:48.594	-0.1					T__		641.1		---	ML	1.5	239785	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

KOVH	0.15	260.2	Lg	07:36:51.808	0.1	T__									239784	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
MORH	0.25	66.1	Pg	07:36:50.763	0.2	T__	225.1								239781	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	66.1	Lg	07:36:54.707	-0.3	T__									239782	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
A266A	0.41	355.1	Lg	07:36:59.647	-0.9	T__									239783	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
A265A	0.48	310.8	Lg	07:37:03.367	1.1	T__									239787	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
HU22A	0.60	69.0	Lg	07:37:07.490	-0.2	T__									239786	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/06	11:28:47.71	1.03	1.11	45.5071	16.1560	11.1	4.7	52	5.0f		9	5	167	0.42	1.50	ke	BUD	18003258	BUD			299

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	18003258

Sta	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	0.42	341.8	Pg	11:28:55.542	-0.8					T__		95.2			ML	1.4	239849	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.42	341.8	Lg	11:29:02.152	-0.5					T__						239850	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CRES	0.58	303.3	Pg	11:28:59.305	0.2					T__		35.8			ML	1.4	239852	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.58	303.3	Lg	11:29:07.288	-0.4					T__						239851	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOGS	0.94	4.0	Pg	11:29:06.118	0.2					T__		98.9			ML	2.0	239854	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.94	4.0	Lg	11:29:20.559	2.3					T__						239855	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BLY	1.05	135.8	Pg	11:29:07.593	-0.0					T__		53.2			ML	1.8	239853	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.05	135.8	Lg	11:29:20.911	-0.5					T__						239857	FDSN	MN	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
OBKA	1.50	312.4	Sn	11:29:36.576	0.7					T__						239856	FDSN	OE	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/06	19:07:12.65	1.19	0.09	47.4133	19.7409	14.5	4.3	118	12.6		8.0	7	5	160	0.11	1.01	ke	BUD	18003260	BUD			193

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU01A	0.11	230.1	Pg	19:07:16.171	0.0					T__		264.8			ML	1.0	239901	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.11	230.1	Lg	19:07:18.769	0.0					T__						239903	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.52	11.5	Pg	19:07:23.900	0.1					T__		31.5			ML	1.2	239904	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	11.5	Lg	19:07:31.652	-0.1					T__						239906	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

HU04A	0.63	196.7	Lg	19:07:35.274	-0.0	T__	---	239905	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.88	36.4	Lg	19:07:43.566	-0.0	T__	---	239900	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CSKK	1.01	267.7	Sn	19:07:46.596	0.0	T__	---	239902	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
2022/08/07	11:40:18.33	0.82	0.22	47.7096	16.1897	6.1	4.2	11	13.1	4.9	10	6	127	0.07	1.36	ke	BUD	18003266	BUD			217

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.7	4 BUD	18003266

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.07	97.8	Pg	11:40:21.382	0.0				T__							239996	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.07	97.8	Lg	11:40:23.273	-0.2				T__							239995	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.25	95.9	Pg	11:40:24.012	0.1				T__		38.2			---	ML	0.6	239997	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	95.9	Lg	11:40:28.138	0.3				T__							239998	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
CONA	0.31	314.8	Pg	11:40:25.306	0.2				T__		17.1			---	ML	0.4	239993	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	314.8	Lg	11:40:29.676	-0.0				T__							239994	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
ARSA	0.64	224.8	Pg	11:40:30.991	0.0				T__		30.6			---	ML	1.3	240000	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.64	224.8	Lg	11:40:39.386	0.1				T__							239999	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MODS	0.99	47.3	Sn	11:40:51.735	-0.0				T__							240001	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.36	5.7	Pn	11:40:42.753	-0.3				T__		17.6			---	ML	1.5	240002	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/07	18:13:34.26	2.16	1.89	45.5804	16.0276	15.6	8.5	163	13.0f		8	6	231	0.25	1.93	ke	BUD	18003268	BUD			282

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.25	353.4	Lg	18:13:44.899	1.3				T__							240031	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.33	352.7	Pg	18:13:39.527	-1.9				T__		96.1			---	ML	1.2	240030	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.33	352.7	Lg	18:13:46.729	-0.0				T__							240029	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CRES	0.47	301.8	Pg	18:13:43.040	-0.4				T__		32.7			---	ML	1.1	240032	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.47	301.8	Lg	18:13:52.062	1.3				T__							240033	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KOGS	0.88	10.1	Lg	18:14:05.745	2.8				T__							240028	FDSN	SL	--	BUD	iLoc	BHN	???	_	
BEHE	1.03	30.1	Sn	18:14:09.790	1.0				T__							240027	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.93	69.9	Sn	18:14:32.206	1.2				T__							240034	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
2022/08/07	19:16:42.07	0.86	0.64	46.1593	16.0860	6.4	3.3	114	4.4	9.6	13	8	102	0.27	1.21	ke	BUD	18003270	BUD			114

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	6 BUD	18003270

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.27	198.1	Pg	19:16:47.415	-0.3					T__		91.4		_d_	ML	1.0	240064	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.27	198.1	Lg	19:16:51.622	-0.4					T__				---		240065	FDSN	CR	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
KOGS	0.31	21.5	Pg	19:16:48.228	-0.1					T__		64.8		---	ML	1.0	240066	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.31	21.5	Lg	19:16:52.817	0.2					T__				---		240067	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=0)																					
ZAG	0.34	191.8	Pg	19:16:49.588	0.7					T__		485.3		---	ML	1.9	240072	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.34	191.8	Lg	19:16:53.580	-0.1					T__				---		240073	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
CRES	0.55	233.0	Pg	19:16:52.881	0.1					T__		39.2		---	ML	1.4	240068	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.55	233.0	Lg	19:17:00.597	-0.3					T__				---		240074	FDSN	SL	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
A264A	0.84	89.5	Pg	19:16:58.983	0.3					T__		104.9		---	ML	2.0	240069	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=0)																					
OBKA	1.12	288.7	Pn	19:17:04.398	-0.2					T__		42.5		---	ML	1.8	240070	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.12	288.7	Sn	19:17:20.568	0.1					T__				---		240071	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ARSA	1.16	340.7	Lg	19:17:19.894	0.9					T__				---		240075	FDSN	OE	--	BUD	iLoc	HHE	???	_	
A265A	1.21	76.8	Lg	19:17:20.326	-1.3					T__				---		240076	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/08	07:03:22.11	0.89	0.87	47.7287	18.5019	4.5	3.3	121	0.0f		11	9	126	0.12	1.42	sx	BUD	18003272	BUD			143

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.12	221.9	Pg	07:03:25.139	0.1					T__		1397.9		---	ML	1.8	240137	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.12	221.9	Lg	07:03:27.294	-0.5					T__				---		240142	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
SR0	0.15	303.7	Pg	07:03:25.903	0.2					T__		1440.8		---	ML	1.9	240138	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.15	303.7	Lg	07:03:28.209	-0.6					T__				---		240139	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
HU10A	0.37	71.3	Lg	07:03:36.639	0.3					T__				---		240140	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.40	204.2	Lg	07:03:37.710	0.1					T__				---		240141	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.49	233.0	Lg	07:03:40.804	0.4					T__				---		240143	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
VYHS	0.80	16.2	Lg	07:03:50.585	0.4					T__				---		240144	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.96	78.1	Lg	07:03:54.927	-1.9					T__				---		240145	FDSN	GE	--	BUD	iLoc	HHN	???	_	

MODS	1.04	308.6	Lg	07:03:58.372	-0.9	T__									240146	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	1.42	73.1	Sn	07:04:09.247	0.7	T__									240147	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/08	08:10:02.23	0.93	1.46	48.5427	17.5033	6.0	3.1	124	0.0f	11	8	124		0.23	1.26	sx	BUD	18003274	BUD			197

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.23	221.7	Pg	08:10:06.635	-0.7					T__						240171	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.23	221.7	Lg	08:10:09.912	-1.6					T__						240180	FDSN	SK	--	BUD	iLoc	HHE	???	_
JAVC	0.34	19.2	Pg	08:10:09.345	-0.2					T__	268.3			ML	1.7	240173	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.34	19.2	Lg	08:10:13.634	-1.6					T__						240172	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
VVHS	0.89	92.7	Lg	08:10:34.242	1.2					T__						240181	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	0.90	305.8	Lg	08:10:34.672	2.0					T__						240174	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	0.97	322.3	Lg	08:10:34.924	-0.0					T__						240176	FDSN	CZ	--	BUD	iLoc	HHE	???	_
SOP	1.07	216.7	Lg	08:10:39.199	1.7					T__						240175	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.17	224.2	Lg	08:10:41.833	1.3					T__						240177	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.26	241.3	Pg	08:10:26.375	-0.6					T__	54.4			ML	1.9	240179	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.26	241.3	Lg	08:10:44.177	1.0					T__						240178	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/08	12:22:57.81	0.90	0.62	46.1654	16.0113	7.9	3.9	112	0.0f	10	6	156		0.26	1.43	sx	BUD	18003278	BUD			203

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 5 BUD 18003278

Sta	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	0.26	186.7	Pg	12:23:03.736	0.2					T__	200.1			ML	1.3	240358	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.26	186.7	Lg	12:23:07.864	0.1					T__						240351	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
KOGS	0.33	30.3	Pg	12:23:04.549	-0.1					T__	255.8			ML	1.6	240359	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.33	30.3	Lg	12:23:09.227	-0.2					T__						240360	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
CRES	0.51	228.9	Pg	12:23:07.864	0.1					T__	52.6			ML	1.5	240353	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.51	228.9	Lg	12:23:14.576	-0.8					T__						240352	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
OBKA	1.07	289.3	Pg	12:23:17.932	-0.2					T__	50.6			ML	1.8	240354	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.07	289.3	Lg	12:23:32.372	-0.1					T__						240355	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
ARSA	1.14	343.0	Lg	12:23:35.423	1.4					T__						240356	FDSN	OE	--	BUD	iLoc	HHN	???	_
A019A	1.43	333.9	Pn	12:23:25.050	-0.1					T__	30.7			ML	1.8	240357	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/09	08:59:50.97	1.16	1.34	48.4129	17.3577	9.9	3.3	124	0.0f	9	5	200	0.07	1.11	sx	BUD	18003282	BUD				269

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.07	233.7	Pg	08:59:51.929	-1.0					T__						240474	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.07	233.7	Lg	08:59:53.773	-1.1					T__						240476	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.49	24.8	Pg	09:00:01.844	0.5					T__	55.8			---	ML	1.4	240475	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.49	24.8	Lg	09:00:07.997	-1.4					T__						240482	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KRUC	0.91	315.9	Pg	09:00:08.079	-0.4					T__	18.7			---	ML	1.3	240477	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.91	315.9	Lg	09:00:21.271	-0.6					T__						240478	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
RONA	1.01	225.3	Pg	09:00:10.574	-0.4					T__						240480	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.01	225.3	Lg	09:00:25.839	1.7					T__						240479	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.11	244.7	Lg	09:00:28.960	1.7					T__						240481	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/09	09:10:52.49	1.81	0.44	48.5934	20.3840	12.4	5.9	12	0.0f	9	5	228	0.13	1.03	sx	BUD	18003284	BUD					287

Magnitude Err Nsta Author OrigID  
 ML 1.1 0.2 5 BUD 18003284

Sta	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	148.5	Pg	09:10:55.283	-0.0					T__	374.3			---	ML	1.2	240566	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.13	148.5	Lg	09:10:57.979	0.4					T__						240573	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
JOS	0.14	133.3	Pg	09:10:55.446	-0.1					T__	173.0			---	ML	0.9	240571	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	133.3	Lg	09:10:58.067	0.1					T__						240572	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
HU02A	0.48	168.7	Pg	09:11:02.334	-0.3					T__	17.6			---	ML	0.9	240570	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	168.7	Lg	09:11:10.334	-0.1					T__						240565	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0																									
PSZ	0.75	206.0	Pg	09:11:07.869	-0.6					T__	31.5			---	ML	1.4	240567	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.75	206.0	Lg	09:11:20.578	0.8					T__						240568	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
VYHS	1.03	265.1	Pg	09:11:13.277	-0.0					T__	10.9			---	ML	1.1	240569	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/09	09:19:18.78	1.18	0.73	48.7558	20.3845	8.4	5.6	70	0.0f	8	5	163	0.28	1.06		sx	BUD	18003286	BUD			262

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	18003286

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.28	158.4	Pg	09:19:25.133	0.6					T__		75.8		___	ML	1.0	240603	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.28	158.4	Lg	09:19:28.676	-0.2					T__				---		240604	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
KECS	0.28	166.1	Pg	09:19:24.850	0.3					T__		188.7		___	ML	1.4	240606	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.28	166.1	Lg	09:19:28.128	-0.8					T__				---		240605	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
NIE	0.67	355.2	Lg	09:19:40.169	-0.7					T__				---		240609	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	0.90	201.5	Pg	09:19:37.440	-0.3					T__		22.7		---	ML	1.4	240607	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.90	201.5	Lg	09:19:50.313	-0.8					T__				---		240608	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
VVHS	1.06	256.3	Lg	09:19:55.729	0.4					T__				---		240610	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
2022/08/09	09:47:48.94	1.31	0.98	45.5325	16.1255	10.6	8.1	36	13.0f	9	7	166	0.31	1.49		ke	BUD	18003290	BUD			234

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	18003290

Sta	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	0.31	341.8	Pg	09:47:55.101	-0.3					T__		2221.0		___	ML	2.5	240681	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=1)																									
PTJ	0.39	343.6	Pg	09:47:56.677	-0.5					T__		124.7		___	ML	1.5	240682	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.39	343.6	Lg	09:48:03.033	-0.3					T__				---		240685	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
CRES	0.55	302.3	Pg	09:48:00.237	0.6					T__		49.0		___	ML	1.5	240683	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.55	302.3	Lg	09:48:07.610	-0.5					T__				---		240686	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KOGS	0.92	5.4	Sn	09:48:21.389	0.7					T__				---		240684	FDSN	SL	--	BUD	iLoc	BHN	???	_	
BLY	1.08	135.9	Sn	09:48:23.703	-1.0					T__				---		240687	FDSN	MN	--	BUD	iLoc	HHN	???	_	
OBKA	1.47	312.2	Lg	09:48:36.265	-0.2					T__				---		240688	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KOVH	1.49	67.4	Sn	09:48:36.468	1.8					T__				---		240689	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	
2022/08/09	10:30:41.09	1.27	0.30	48.0097	19.5675	13.8	4.8	119	0.0A	0.0	7	5	244	0.11	1.16	m	kx	BUD	18003292	BUD			360
2022/08/09	10:30:40.08	0.97	0.57	48.0061	19.6278f				0.0f	7	5	220	0.10	1.12		kx	BUD_GT	18003293	BUD_GT				294

(locality : Nagylóc Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.10	190.5	Pg	10:30:43.081	0.4					T__		594.5		---	ML	1.4	240733	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	10:30:44.424	-0.4					T__				---		240732	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
PSZ	0.20	116.0	Pg	10:30:45.283	0.4					T__		414.6		---	ML	1.5	240731	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	10:30:48.032	-0.7					T__				---		240734	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
HU02A	0.61	78.7	Lg	10:31:01.989	-0.8					T__				---		240735	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.78	50.9	Lg	10:31:07.297	-0.2					T__				---		240736	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
ABAH	1.12	74.4	Sn	10:31:18.451	-0.5					T__				---		240737	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
2022/08/10	07:30:14.08	2.09	1.01	48.5723	20.8534	14.0	6.1	23	0.0f		9	6	229	0.22	1.34	sx	BUD	18003302	BUD			298

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	3 BUD	18003302

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.22	250.0	Pg	07:30:18.770	0.1					T__		186.6		---	ML	1.2	240988	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.22	250.0	Lg	07:30:22.769	0.4					T__				---		240989	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
KECS	0.26	250.1	Pg	07:30:19.281	-0.2					T__		600.1		---	ML	1.8	240991	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.26	250.1	Lg	07:30:23.645	0.0					T__				---		240990	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ABAH	0.38	136.9	Lg	07:30:27.735	-0.8					T__				---		240993	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.50	206.1	Pg	07:30:25.690	1.0					T__		27.3		---	ML	1.1	240992	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	206.1	Lg	07:30:31.923	-0.8					T__				---		240996	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
PSZ	0.92	224.8	Lg	07:30:45.264	-1.8					T__				---		240994	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.34	267.4	Sn	07:30:59.141	0.5					T__				---		240995	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
2022/08/10	07:36:01.15	1.03	1.27	48.8314	21.5846	9.0	4.5	159	0.0f		11	8	131	0.47	1.45	sx	BUD	18003304	BUD			192

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	3 BUD	18003304

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.47	77.1	Pg	07:36:10.385	0.1					T__				---		241029	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ABAH	0.58	203.3	Lg	07:36:21.540	-1.1					T__				---		241030	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.77	244.5	Pg	07:36:17.309	0.9					T__		80.2		---	ML	1.8	241028	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.77	244.5	Lg	07:36:27.023	-0.9	T__								241027	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
KECS	0.81	244.9	Pg	07:36:18.040	0.8	T__	135.9															
KECS	0.81	244.9	Lg	07:36:28.265	-1.0	T__																
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
TRPA	0.95	137.5	Lg	07:36:34.357	-0.2	T__																
HU02A	1.00	225.2	Pg	07:36:20.450	-1.2	T__	54.3															
HU02A	1.00	225.2	Lg	07:36:35.788	-0.8	T__																
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
NIE	1.03	305.3	Lg	07:36:34.048	-1.8	T__																
PSZ	1.45	231.6	Sn	07:36:50.217	1.7	T__																

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/10	07:40:39.27	0.78	0.47	48.8198	16.1472	5.0	3.8	112	0.0f	18	10	75	0.29	1.63	sx	BUD	18003306	BUD				123

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	7 BUD	18003306

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.29	33.9	Pg	07:40:45.063	0.1					T__		187.7			ML	1.4	241100	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.29	33.9	Lg	07:40:49.300	-0.2					T__						241101	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VRAC	0.57	30.8	Pg	07:40:50.295	0.2					T__		17.2			ML	1.1	241105	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.57	30.8	Lg	07:40:58.310	-0.3					T__						241102	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
MODS	0.87	120.3	Lg	07:41:10.254	-0.0					T__						241103	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	0.91	192.1	Pg	07:40:56.968	-0.3					T__		25.3			ML	1.4	241096	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.91	192.1	Lg	07:41:09.385	0.2					T__						241097	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JAVC	1.01	87.2	Pg	07:40:59.919	0.2					T__		47.1			ML	1.7	241109	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.01	87.2	Lg	07:41:14.166	-0.8					T__						241110	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
RONA	1.13	174.9	Pg	07:41:00.986	-0.5					T__						241098	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.13	174.9	Lg	07:41:16.506	0.4					T__						241099	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CKRC	1.21	270.7	Pg	07:41:02.812	0.8					T__		128.3			ML	2.3	241106	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.21	270.7	Lg	07:41:18.493	-0.2					T__						241111	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
MORC	1.32	43.1	Pg	07:41:04.462	0.6					T__		33.4			ML	1.8	241113	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.32	43.1	Lg	07:41:22.263	0.0					T__						241112	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PRU	1.57	318.7	Pn	07:41:08.374	-0.0					T__		34.7			ML	1.9	241107	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
PRU	1.57	318.7	Lg	07:41:28.339	-0.9					T__						241108	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

(Station ML: 1.9 magdef=1  
 ARSA 1.63 195.2 Sn 07:41:30.970 0.1 T\_\_ --- 241104 FDSN OE -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/10	08:55:35.88	0.32	0.43	46.8541	17.3084	3.8	3.5	83	0.0A	0.0	11	7	74	0.12	0.94	m	kx BUD	18003310	BUD			360
2022/08/10	08:55:34.44	0.92	1.48	46.8548	17.2699f				0.0f		11	7	79	0.13	0.96		kx BUD_GT	18003311	BUD_GT			149

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	4 BUD	18003311

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.13	319.5	Pg	08:55:39.019	1.3					T__		3609.1		---	ML	2.2	241181	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	319.5	Lg	08:55:41.170	0.8					T__				---		241187	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1)																									
BADH	0.15	109.5	Pg	08:55:38.510	0.5					T__		861.4		---	ML	1.6	241180	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.15	109.5	Lg	08:55:39.832	-1.1					T__				---		241179	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
A263A	0.22	171.8	Lg	08:55:42.848	-0.2					T__				---		241188	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.37	30.2	Pg	08:55:42.781	0.5					T__		409.0		---	ML	1.9	241182	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	08:55:46.610	-1.8					T__				---		241189	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
KOGS	0.81	240.3	Lg	08:56:02.510	1.4					T__				---		241185	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CSKK	0.85	52.7	Pg	08:55:51.527	0.0					T__		96.8		---	ML	2.0	241184	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.85	52.7	Lg	08:56:02.612	-2.9					T__				---		241183	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																									
KOVH	0.96	142.9	Lg	08:56:05.358	-2.0					T__				---		241186	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
2022/08/10	09:00:19.26	0.90	0.88	48.4067	17.2916	6.5	3.0	115	0.0f		10	7	111	0.03	1.38		sx BUD	18003312	BUD			167

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.03	196.0	Pg	09:00:20.012	-0.6					T__				_c_		241215	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.03	196.0	Lg	09:00:21.655	-0.5					T__				---		241217	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.52	28.9	Pg	09:00:29.981	-0.2					T__		46.8		---	ML	1.4	241216	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	28.9	Lg	09:00:37.541	-1.0					T__				---		241218	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0)																									
RONA	0.97	223.7	Pg	09:00:39.095	0.5					T__				---		241220	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.97	223.7	Lg	09:00:51.950	0.7					T__				---		241219	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VRAC	1.01	333.2	Lg	09:00:53.138	-0.2					T__				---		241223	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	1.03	84.6	Lg	09:00:56.462	1.5					T__				---		241222	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	1.07	244.0	Lg	09:00:55.244	1.0					T__				---		241221	FDSN	OE	--	BUD	iLoc	HHE	???	_	

MORC 1.38 6.8 Lg 09:01:04.072 -0.1 T\_\_ --- 241224 FDSN CZ -- BUD iLoc HHE ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/10	09:04:10.08	0.95	0.82	48.3915	17.3432	5.8	3.5	124	0.0f	15	9	135		0.05	1.39	sx	BUD	18003314	BUD			194

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 5 BUD 18003314

Sta	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	247.8	Pg	09:04:11.247	-0.5					T__						241278	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.05	247.8	Lg	09:04:12.363	-1.0					T__						241290	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.25	219.5	Lg	09:04:18.877	-1.2					T__						241291	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.52	24.8	Pg	09:04:20.925	0.0					T__		200.1		---	ML	2.0	241279	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	24.8	Lg	09:04:28.338	-0.9					T__				---		241285	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=0)

KRUC	0.92	317.3	Pg	09:04:27.352	-0.4					T__		30.8		---	ML	1.5	241280	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.92	317.3	Lg	09:04:41.777	0.5					T__				---		241286	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

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

RONA	0.99	225.8	Pg	09:04:29.452	-0.2					T__				---		241281	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.99	225.8	Lg	09:04:43.438	0.9					T__				---		241287	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VYHS	1.00	83.6	Pg	09:04:30.638	0.4					T__		11.0		---	ML	1.1	241292	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1)

VRAC	1.04	331.9	Pg	09:04:30.127	0.3					T__		9.3		---	ML	1.0	241283	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.04	331.9	Lg	09:04:45.465	0.3					T__				---		241282	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=0)

CONA	1.09	245.5	Pg	09:04:31.807	0.1					T__		27.6		---	ML	1.5	241284	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.09	245.5	Lg	09:04:47.547	1.7					T__				---		241288	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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

MORC	1.39	5.3	Lg	09:04:55.334	-0.0					T__				---		241289	FDSN	CZ	--	BUD	iLoc	HHN	???	_
------	------	-----	----	--------------	------	--	--	--	--	-----	--	--	--	-----	--	--------	------	----	----	-----	------	-----	-----	---

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/10	10:00:22.41	0.79	0.93	48.1419	16.9650	6.3	3.5	131	0.0f	12	8	84		0.31	1.32	sx	BUD	18003316	BUD			152

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.31	41.9	Pg	10:00:29.196	-0.0					T__				---		241328	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	41.9	Lg	10:00:33.396	-1.3					T__				---		241327	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.63	225.7	Pg	10:00:34.254	-0.8					T__				---		241325	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.63	225.7	Lg	10:00:43.365	-0.1					T__				---		241326	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.77	254.3	Pg	10:00:37.395	-0.3					T__		25.5		---	ML	1.3	241324	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.77	254.3	Lg	10:00:48.284	0.5					T__				---		241331	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1)

KRUC	1.00	337.9	Lg	10:00:56.421	0.2					T__				---		241332	FDSN	CZ	--	BUD	iLoc	HHN	???	_
------	------	-------	----	--------------	-----	--	--	--	--	-----	--	--	--	-----	--	--------	------	----	----	-----	------	-----	-----	---

MPLH	1.05	158.0	Lg	10:00:58.237	-0.2	T__									241333	FDSN	HU	--	BUD	iLoc	HHN	???	_		
VRAC	1.19	348.2	Lg	10:01:02.278	-0.3	T__									241334	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
VYHS	1.30	73.5	Sn	10:01:07.762	1.9	T__									241335	FDSN	SK	--	BUD	iLoc	HHN	???	_		
ARSA	1.32	228.1	Pn	10:00:48.140	0.0	T__				32.9					ML	1.8	241329	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.32	228.1	Lg	10:01:05.632	1.2	T__									241330	FDSN	OE	--	BUD	iLoc	HHN	???	_		

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/10	10:45:14.47	1.44	0.64	47.8857	20.1559	12.1	3.3	161	0.0f		14	7	212	0.18	1.07	sx	BUD	18003318	BUD			226

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	7 BUD	18003318

Sta	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	280.6	Pg	10:45:19.165	0.3					T__		837.4			ML	1.7	241406	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	280.6	Lg	10:45:22.269	-0.2					T__						241405	FDSN	GE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1)

HU02A	0.34	46.2	Pg	10:45:21.910	-0.1					T__		146.2			ML	1.4	241407	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.34	46.2	Lg	10:45:27.241	-0.7					T__						241412	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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

HU03A	0.37	273.0	Pg	10:45:22.965	0.4					T__		117.2			ML	1.4	241416	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.37	273.0	Lg	10:45:28.069	-0.5					T__						241415	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	

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

KECS	0.64	20.1	Pg	10:45:27.863	0.5					T__		151.9			ML	2.0	241413	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.64	20.1	Lg	10:45:38.219	1.2					T__						241417	FDSN	SK	--	BUD	iLoc	EHN	???	_	

(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=0)

JOS	0.66	22.7	Pg	10:45:27.479	-0.3					T__		31.2			ML	1.4	241408	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	22.7	Lg	10:45:37.987	0.1					T__						241418	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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

ABAH	0.83	60.1	Pg	10:45:31.518	0.4					T__		50.5			ML	1.7	241409	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.83	60.1	Lg	10:45:44.008	-0.7					T__						241414	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1)

VYHS	1.07	305.1	Pg	10:45:36.325	0.2					T__		10.8			ML	1.1	241410	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.07	305.1	Lg	10:45:50.640	-1.1					T__						241411	FDSN	SK	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=0)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/10	11:01:46.52	0.93	0.73	45.9867	22.3289	5.3	4.1	31	0.0f		11	6	86	0.41	1.14	sx	BUD	18003320	BUD			162

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	5 BUD	18003320

Sta	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	0.41	104.3	Lg	11:02:00.491	0.3					T__						241456	FDSN	RO	--	BUD	iLoc	HHE	???	_	
SIRR	0.54	301.3	Pg	11:01:57.847	-0.0					T__		39.3			ML	1.4	241461	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.54	301.3	Lg	11:02:05.779	-0.7					T__						241462	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
BZS	0.62	233.7	Pg	11:01:58.864	0.1					T__		34.8			ML	1.4	241460	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.62	233.7	Lg	11:02:08.016	0.3					T__						241459	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
GZR	0.67	152.0	Pg	11:01:59.474	0.1					T__		104.0			ML	1.9	241457	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	152.0	Lg	11:02:09.033	0.1					T__						241458	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
DRGR	0.85	18.1	Pg	11:02:03.745	0.2					T__		42.2			ML	1.6	241464	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.85	18.1	Lg	11:02:16.762	0.6					T__						241463	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
LOT	1.14	117.6	Pg	11:02:08.147	-0.2					T__		276.4			ML	2.6	241465	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.14	117.6	Lg	11:02:23.198	-1.8					T__						241466	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/11	06:17:08.42	2.05	0.72	46.0712	22.9985	17.8	5.7	72	0.0f		7	4	208	0.20	0.95	sx	BUD	18003326	BUD			270

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	18003326

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.20	199.5	Pg	06:17:12.461	0.2					T__		416.7			ML	1.5	241639	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.20	199.5	Lg	06:17:14.686	-0.3					T__						241642	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
GZR	0.70	193.0	Pg	06:17:21.928	0.2					T__		36.3			ML	1.4	241640	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.70	193.0	Lg	06:17:31.234	-0.4					T__						241641	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
DRGR	0.75	344.7	Lg	06:17:34.814	-0.7					T__						241637	FDSN	RO	--	BUD	iLoc	HHE	???	_	
SIRR	0.95	282.4	Pg	06:17:28.188	0.5					T__		18.8			ML	1.3	241643	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.95	282.4	Lg	06:17:40.236	-1.0					T__						241638	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/11	07:00:32.44	0.90	0.79	48.2916	19.8700	4.4	3.5	154	0.0f		13	8	87	0.37	1.16	sx	BUD	18003328	BUD			168

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	6 BUD	18003328

Sta	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	0.37	177.5	Pg	07:00:40.903	0.1					T__		173.2		---	ML	1.6	241675	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.37	177.5	Lg	07:00:46.759	-0.2					T__				---		241681	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU03A	0.43	205.1	Lg	07:00:48.662	0.4					T__				---		241683	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.45	64.7	Pg	07:00:42.056	0.4					T__		182.4		---	ML	1.8	241678	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.45	64.7	Lg	07:00:47.680	-1.0					T__				---		241682	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU02A	0.47	110.9	Pg	07:00:42.481	0.0					T__		85.6		---	ML	1.5	241677	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	110.9	Lg	07:00:49.703	-0.4					T__				---		241676	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.49	65.1	Pg	07:00:42.542	0.2					T__		85.9		---	ML	1.6	241679	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	65.1	Lg	07:00:49.055	-0.8					T__				---		241684	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.72	286.8	Pg	07:00:47.275	0.2					T__		14.5		---	ML	1.1	241680	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.72	286.8	Lg	07:00:56.227	-1.4					T__				---		241685	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
ABAH	0.91	89.2	Lg	07:01:04.935	0.0					T__				---		241686	FDSN	HU	--	BUD	iLoc	HHE	???	_	
NIE	1.16	14.0	Pg	07:00:55.834	1.4					T__		15.3		---	ML	1.3	241687	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/11	08:51:31.18	1.13	0.41	47.3582	18.3896	8.9	4.8	149	0.0f		8	7	110	0.09	1.18	sx	BUD	18003330	BUD			212

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	273.2	Pg	08:51:33.570	-0.0					T__		683.0		---	ML	1.4	241715	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	273.2	Lg	08:51:35.502	-0.5					T__				---		241716	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU09A	0.28	359.0	Lg	08:51:42.307	-0.2					T__				---		241720	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	283.2	Lg	08:51:44.411	0.5					T__				---		241721	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.65	40.9	Lg	08:51:54.998	-0.3					T__				---		241722	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.16	171.2	Sn	08:52:11.085	-0.0					T__				---		241719	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.16	60.6	Sn	08:52:11.813	0.4					T__				---		241718	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.18	14.6	Sn	08:52:11.975	0.3					T__				---		241717	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
2022/08/11	09:01:26.60	1.00	1.06	48.4508	17.4956	7.4	3.4	136	0.0f		8	6	140	0.16	1.21	sx	BUD	18003332	BUD			211

Magnitude Err Nsta Author OrigID

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



MODS	0.16	242.1	Pg	09:01:30.141	-0.4	T__				_c_	241740	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.16	242.1	Lg	09:01:33.034	-0.8	T__					241741	FDSN	SK	--	BUD	iLoc	HHE	???	_		
JAVC	0.42	15.8	Pg	09:01:36.065	0.4	T__			67.8		ML	1.3	241743	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.42	15.8	Lg	09:01:41.244	-1.4	T__							241742	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																					
(Station ML: 1.3 magdef=0)																					
VYHS	0.89	86.7	Lg	09:01:57.457	-0.2	T__							241744	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	0.95	310.4	Lg	09:01:59.071	0.2	T__							241745	FDSN	CZ	--	BUD	iLoc	HHN	???	_
RONA	1.10	227.4	Lg	09:02:03.646	0.9	T__							241746	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.21	245.0	Lg	09:02:07.424	1.3	T__							241747	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/11	09:10:57.15	0.89	0.97	47.8490	19.0786	8.7	3.2	170	0.0f		11	8	155	0.04	1.32	sx	BUD	18003334	BUD			182

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	18003334

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.04	264.6	Pg	09:10:58.138	-0.3					T__		3270.7			ML	1.9	241770	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.04	264.6	Lg	09:10:59.797	-0.1					T__						241777	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.36	80.9	Lg	09:11:11.773	1.2					T__						241771	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.55	82.5	Lg	09:11:16.911	-1.1					T__						241772	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.67	346.0	Lg	09:11:21.174	0.5					T__						241778	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	1.01	73.8	Pg	09:11:17.316	-0.6					T__		31.6			ML	1.6	241774	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.01	73.8	Sn	09:11:33.175	-0.4					T__						241773	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	1.17	56.0	Pg	09:11:20.714	0.3					T__		40.5			ML	1.8	241775	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.17	56.0	Sn	09:11:37.545	0.0					T__						241776	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MPLH	1.24	237.5	Sn	09:11:41.191	1.9					T__						241779	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.32	294.2	Sn	09:11:40.626	-0.5					T__						241780	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
2022/08/11	09:19:30.98	0.67	0.81	48.6612	18.6197	4.1	3.3	21	0.0f		24	15	86	0.22	1.48	sx	BUD	18003336	BUD			128

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	9 BUD	18003336

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.22	139.3	Pg	09:19:36.698	1.0					T__		135.2			ML	1.0	241827	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	139.3	Lg	09:19:39.749	0.6					T__						241826	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
JAVC	0.66	287.9	Pg	09:19:44.935	0.4					T__		86.7			ML	1.8	241828	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.66	287.9	Lg	09:19:53.986	-0.9					T__						241829	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									

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(Station ML: 1.8 magdef=1
SR0 0.87 193.7 Pg 09:19:49.918 1.5 T__ 644.2 --- ML 2.8 241831 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 0.87 193.7 Lg 09:20:01.410 -1.1 T__ --- 241830 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
MODS 0.94 252.6 Pg 09:19:50.427 0.5 T__ --- 241832 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.94 252.6 Lg 09:20:04.054 -0.2 T__ --- 241833 FDSN SK -- BUD iLoc HHN ??? _
HU03A 1.00 138.8 Pg 09:19:51.647 -0.0 T__ 106.6 --- ML 2.1 241834 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU09A 1.04 188.9 Sn 09:20:07.410 -0.5 T__ --- 241835 FDSN ZJ 00 BUD iLoc HHN ??? _
ZST 1.11 245.8 Sn 09:20:09.037 -0.8 T__ --- 241836 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.13 130.7 Pn 09:19:54.088 -0.0 T__ 42.7 --- ML 1.8 241838 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.13 130.7 Sn 09:20:09.037 -1.3 T__ --- 241837 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 1.25 97.5 Pg 09:19:55.410 -0.3 T__ 122.1 --- ML 2.3 241839 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.25 97.5 Sn 09:20:12.190 -1.1 T__ --- 241840 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
JOS 1.29 96.7 Pn 09:19:55.512 -0.7 T__ 54.6 --- ML 2.0 241842 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.29 96.7 Sn 09:20:13.308 -0.8 T__ --- 241841 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CSKK 1.32 190.7 Sn 09:20:15.851 0.9 T__ --- 241847 FDSN HU -- BUD iLoc HHN ??? _
MORC 1.32 328.1 Pg 09:19:55.918 0.4 T__ 51.9 --- ML 1.9 241843 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.32 328.1 Lg 09:20:14.325 0.4 T__ --- 241844 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.34 54.9 Pg 09:19:57.240 1.0 T__ 34.7 --- ML 1.8 241846 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.34 54.9 Lg 09:20:15.749 0.6 T__ --- 241845 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 1.38 112.3 Sn 09:20:16.868 0.4 T__ --- 241848 FDSN ZJ 00 BUD iLoc HHN ??? _
VRAC 1.48 296.6 Sn 09:20:18.902 -0.1 T__ --- 241849 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/11 10:54:34.07 3.47 0.41 48.6181 20.1893 21.1 7.8 150 0.0f 7 5 278 0.24 0.77 sx BUD 18003338 BUD 318

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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
KECS 0.24 124.3 Lg 10:54:43.024 0.1 T__ --- 241900 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.26 117.6 Pg 10:54:39.505 0.0 T__ 71.4 --- ML 0.9 241898 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.26 117.6 Lg 10:54:43.732 0.1 T__ --- 241899 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
HU02A 0.54 155.6 Pg 10:54:45.836 0.3 T__ 40.0 --- ML 1.4 241902 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.54 155.6 Lg 10:54:54.090 -0.1 T__ --- 241901 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.73 195.8 Lg 10:55:00.240 -0.4 T__ --- 241904 FDSN GE -- BUD iLoc HHN ??? _

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ABAH 0.77 114.4 Lg 10:55:01.453 -0.6 T\_\_ --- 241903 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
2022/08/12	05:29:31.71	0.74	0.74	47.3066	18.2792	4.7	3.2	103	0.0f	16	10	106		0.06	1.72	sx	BUD	18003344	BUD			124

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	7 BUD	18003344

Sta	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	347.3	Pg	05:29:33.459	-0.1					T__		2039.1		_c	ML	1.8	241993	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	347.3	Lg	05:29:34.612	-0.9					T__				---		241997	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU08A	0.27	297.4	Pg	05:29:38.056	0.4					T__		130.8		---	ML	1.2	241998	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=0)																					
HU09A	0.34	11.9	Pg	05:29:39.101	0.1					T__		402.1		---	ML	1.8	242000	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.34	11.9	Lg	05:29:45.130	0.0					T__				---		241999	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=0)																					
MPLH	0.52	255.1	Pg	05:29:43.169	0.6					T__		64.9		---	ML	1.6	241994	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.52	255.1	Lg	05:29:49.683	-1.0					T__				---		242001	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
MORH	1.12	167.0	Pg	05:29:54.335	0.3					T__		19.9		---	ML	1.4	241996	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.12	167.0	Lg	05:30:08.900	-1.3					T__				---		241995	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
KOVH	1.23	185.8	Sn	05:30:12.486	-0.8					T__				---		242002	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.25	17.3	Pn	05:29:56.927	0.5					T__		15.0		---	ML	1.4	242006	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.25	17.3	Sn	05:30:13.596	-0.3					T__				---		242005	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
PSZ	1.25	60.2	Pn	05:29:56.363	-0.2					T__		36.2		---	ML	1.8	242004	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.25	60.2	Sn	05:30:14.731	0.6					T__				---		242003	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
RONA	1.40	287.0	Lg	05:30:17.685	-0.0					T__				---		242007	FDSN	OE	--	BUD	iLoc	HHN	???	_	
HU02A	1.72	60.9	Sn	05:30:26.878	1.2					T__				---		242008	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/12	06:51:23.22	0.38	1.00	47.3268	18.3241	4.6	3.6	94	0.0A	0.0	9	8	108	0.06	1.25	m	kx	BUD	18003346	BUD			360
2022/08/12	06:51:20.79	0.94	0.86	47.3167	18.3081f				0.0f		9	8	107	0.06	1.24		kx	BUD_GT	18003347	BUD_GT			151

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

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	06:51:22.788	0.2					T__		1299.1		---	ML	1.6	242040	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

CSKK	0.06	325.1	Lg	06:51:23.334	-1.2	T__	---	242041	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU08A	0.29	293.8	Lg	06:51:33.014	0.8	T__	---	242043	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
HU09A	0.33	8.9	Lg	06:51:32.690	-1.0	T__	---	242042	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
MPLH	0.54	254.6	Lg	06:51:41.702	1.2	T__	---	242045	FDSN	HU	--	BUD	iLoc	HHN	???	_			
MORH	1.13	168.1	Lg	06:51:59.222	-0.3	T__	---	242046	FDSN	HU	--	BUD	iLoc	HHN	???	_			
VVHS	1.23	16.6	Lg	06:52:04.475	0.9	T__	---	242047	FDSN	SK	--	BUD	iLoc	HHE	???	_			
PSZ	1.23	60.1	Pg	06:51:45.960	-0.7	T__	36.9	---	ML	1.8	242044	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KOVH	1.24	186.7	Lg	06:52:03.662	0.1	T__	---	242048	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
2022/08/12	07:12:08.85	0.90	1.25	47.9879	16.6414	5.9	3.4	132	0.0f	11	8	95	0.31	1.11	sx	BUD	18003348	BUD				142

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		
SOP	0.31	190.4	Lg	07:12:20.275	0.5					T__						242075	FDSN	HU	--	BUD	iLoc	HHN	???	_		
RONA	0.37	219.0	Pg	07:12:15.667	-0.8					T__						242074	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.37	219.0	Lg	07:12:21.453	-0.1					T__						242076	FDSN	OE	--	BUD	iLoc	HHN	???	_		
CONA	0.53	263.8	Pg	07:12:18.699	-0.7					T__	32.0				ML	1.3	242072	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.53	263.8	Lg	07:12:26.750	0.3					T__						242077	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
MODS	0.57	47.6	Pg	07:12:20.447	-0.4					T__						242073	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.57	47.6	Lg	07:12:29.095	-1.0					T__						242078	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MPLH	1.02	143.0	Lg	07:12:43.968	-0.0					T__						242079	FDSN	HU	--	BUD	iLoc	HHN	???	_		
ARSA	1.06	226.1	Lg	07:12:45.389	2.9					T__						242080	FDSN	OE	--	BUD	iLoc	HHN	???	_		
KRUC	1.09	351.4	Lg	07:12:45.719	-0.1					T__						242082	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
JAVC	1.11	37.8	Pg	07:12:32.726	1.3					T__	55.7				ML	1.9	242081	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/12	07:47:06.70	1.00	0.83	48.4406	19.5537	10.0	3.9	11	0.0f	7	5	168	0.48	0.72	sx	BUD	18003350	BUD				288

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
VVHS	0.48	276.7	Pg	07:47:16.381	-0.2					T__		13.4			ML	0.8	242108	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VVHS	0.48	276.7	Lg	07:47:24.149	0.4					T__						242107	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=1)																										
PSZ	0.57	156.3	Lg	07:47:28.159	0.3					T__						242106	FDSN	GE	--	BUD	iLoc	HHN	???	_		
KECS	0.62	85.7	Lg	07:47:28.725	0.2					T__						242104	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.66	84.8	Lg	07:47:29.858	0.1					T__						242105	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
HU02A	0.72	115.8	Pg	07:47:22.333	0.6					T__	34.5				ML	1.4	242102	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.72	115.8	Lg	07:47:31.557	-1.5					T__						242103	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/12	07:56:06.11	1.03	1.08	48.2405	21.1994	7.6	4.4	175	0.0f		14	8	153	0.06	1.32	sx	BUD	18003352	BUD			204

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	18003352

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.06	25.8	Pg	07:56:06.979	-1.0					T__		16634.1		_c_	ML	2.7	242138	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	25.8	Lg	07:56:08.354	-1.4					T__				---		242139	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0																									
HU02A	0.47	255.6	Lg	07:56:23.631	-0.1					T__				---		242148	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.51	300.4	Pg	07:56:16.385	0.0					T__		77.6		---	ML	1.6	242140	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	300.4	Lg	07:56:23.465	-0.7					T__				---		242141	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																									
KECS	0.53	297.3	Lg	07:56:24.032	-1.1					T__				---		242142	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.90	96.5	Pg	07:56:23.789	0.1					T__		75.2		---	ML	1.9	242143	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.90	96.5	Lg	07:56:36.817	-1.7					T__				---		242144	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
PSZ	0.93	250.3	Pg	07:56:26.682	0.9					T__		61.7		---	ML	1.8	242146	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.93	250.3	Lg	07:56:39.649	-0.1					T__				---		242145	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
KOLS	0.99	45.4	Pg	07:56:26.349	1.2					T__				---		242149	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.99	45.4	Lg	07:56:40.761	-0.4					T__				---		242147	FDSN	SK	--	BUD	iLoc	HHE	???	_	
NIE	1.32	333.6	Pg	07:56:32.406	1.4					T__		24.9		---	ML	1.6	242151	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.32	333.6	Sn	07:56:51.178	1.0					T__				---		242150	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/12	08:34:51.73	0.95	1.17	48.4569	20.7959	6.7	4.7	25	0.0f		12	8	123	0.18	1.30	sx	BUD	18003354	BUD			182

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	18003354

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	283.0	Pg	08:34:55.868	0.4					T__		296.4		---	ML	1.3	242209	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	283.0	Lg	08:34:58.411	0.0					T__				---		242214	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
KECS	0.21	277.4	Pg	08:34:56.542	0.4					T__		1109.4		---	ML	1.9	242210	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	277.4	Lg	08:34:59.144	-0.4					T__				---		242216	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									

ABAH	0.34	118.4	Lg	08:35:03.897	-0.9	T__									242217	FDSN	HU	--	BUD	iLoc	HNN	???	_		
HU02A	0.38	208.5	Lg	08:35:07.938	1.7	T__									242211	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
PSZ	0.81	228.6	Lg	08:35:21.201	0.1	T__									242215	FDSN	GE	--	BUD	iLoc	HNN	???	_		
NIE	1.02	341.4	Lg	08:35:26.782	1.4	T__									242212	FDSN	PL	--	BUD	iLoc	BHN	???	_		
TRPA	1.21	105.0	Sn	08:35:32.650	-0.3	T__									242218	FDSN	HU	--	BUD	iLoc	HNN	???	_		
VYHS	1.30	272.4	Pn	08:35:17.239	0.0	T__				14.2					ML	1.4	242213	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	272.4	Sn	08:35:33.654	-1.7	T__										242220	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
VYHS	1.30	272.4	Lg	08:35:34.894	-1.8	T__										242219	FDSN	SK	--	BUD	iLoc	HNN	???	_	

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/12	09:19:55.21	1.01	0.66	46.1126	21.6130	9.8	3.8	89	0.0f		11	6	159	0.16	1.65	sx	BUD	18003356	BUD			207

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.0	5 BUD	18003356

Sta	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	11.8	Pg	09:19:59.099	0.1					T__		1059.0			ML	1.8	242274	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
SIRR	0.16	11.8	Lg	09:20:01.539	-0.5					T__						242275	FDSN	RO	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										
BZS	0.50	179.7	Pg	09:20:05.353	0.3					T__		81.5			_c	ML	1.6	242276	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.50	179.7	Lg	09:20:11.508	-0.8					T__							242277	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																										
HU24A	0.86	338.7	Lg	09:20:26.356	0.8					T__							242278	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
DRGR	1.02	47.8	Pg	09:20:16.031	0.5					T__		211.9			ML	2.4	242282	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	1.02	47.8	Lg	09:20:30.119	-0.4					T__							242281	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																										
GZR	1.09	131.0	Pg	09:20:16.898	1.0					T__		198.0			ML	2.4	242280	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	1.09	131.0	Lg	09:20:30.627	-0.4					T__							242279	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																										
LOT	1.65	113.0	Pn	09:20:25.437	-0.1					T__		167.6			ML	2.6	242283	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
LOT	1.65	113.0	Sn	09:20:46.895	-0.6					T__							242284	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/12	09:42:33.06	0.93	0.52	48.4419	19.5788	5.7	3.6	5	0.0f		10	7	109	0.50	1.09	sx	BUD	18003358	BUD			207

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	18003358

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.50	276.3	Pg	09:42:43.573	0.3					T__		16.5			ML	0.9	242320	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.50	276.3	Lg	09:42:49.753	-0.9					T__							242319	FDSN	SK	--	BUD	iLoc	HNN	???	_
(Reading ML: 0.9 magdef=1																									

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(Station ML: 0.9 magdef=1
HU03A 0.54 178.5 Lg 09:42:53.095 0.5 T__ --- 242321 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.56 157.9 Lg 09:42:53.688 -0.4 T__ --- 242318 FDSN GE -- BUD iLoc HHN ??? _
KECS 0.61 85.7 Lg 09:42:54.335 -0.0 T__ --- 242315 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.64 84.8 Pg 09:42:46.082 0.2 T__ 35.6 --- ML 1.4 242317 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.64 84.8 Lg 09:42:55.144 -0.4 T__ --- 242316 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.71 116.5 Pg 09:42:47.619 -0.2 T__ 28.6 --- ML 1.4 242314 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.71 116.5 Lg 09:42:58.503 -0.4 T__ --- 242322 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 1.09 25.7 Lg 09:43:09.784 0.3 T__ --- 242323 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
2022/08/13 07:56:41.07 1.08 0.29 46.5964 21.2452 10.0 4.5 27 4.2 15.9 7 4 154 0.44 1.03 ke BUD 18003362 BUD 273

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Magnitude Err Nsta Author OrigID
ML 1.6 0.5 3 BUD 18003362

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Sta 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 0.44 138.8 Pg 07:56:50.000 -0.0 T__ 20.6 --- ML 0.8 242375 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.44 138.8 Lg 07:56:56.813 0.0 T__ --- 242376 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
HU06A 0.48 284.2 Pg 07:56:51.322 0.1 T__ 192.5 --- ML 1.9 242378 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU06A 0.48 284.2 Lg 07:56:58.440 -0.2 T__ --- 242377 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 1.01 165.1 Lg 07:57:14.790 0.1 T__ --- 242381 FDSN RO -- BUD iLoc HHE ??? _
DRGR 1.03 78.5 Pg 07:57:01.542 0.1 T__ 32.9 --- ML 1.6 242379 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.03 78.5 Lg 07:57:15.474 -0.4 T__ --- 242380 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/13 07:58:57.14 0.87 0.82 46.5684 21.2148 6.9 4.0 48 17.1 11.7 13 7 124 0.34 2.10 ke BUD 18003364 BUD 190

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 6 BUD 18003364

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU24A 0.34 353.6 Pg 07:59:05.067 0.1 T__ 185.3 --- ML 1.5 242446 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU24A 0.34 353.6 Lg 07:59:11.196 0.8 T__ --- 242445 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
SIRR 0.43 134.2 Pg 07:59:06.372 -0.0 T__ 38.7 --- ML 1.1 242438 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.43 134.2 Lg 07:59:12.471 -0.3 T__ --- 242439 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0

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HU06A	0.47	288.1	Pg	07:59:06.738	-0.6	T__	230.1	___	ML	2.0	242441	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	0.47	288.1	Lg	07:59:14.080	-0.2	T__		---			242440	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
BZS	0.99	163.5	Lg	07:59:29.662	0.2	T__		---			242442	FDSN	RO	--	BUD	iLoc	HHE	???	_
DRGR	1.05	77.2	Pg	07:59:16.855	-1.2	T__	39.3	---	ML	1.7	242435	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.05	77.2	Lg	07:59:30.909	-1.2	T__		---			242436	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
GZR	1.60	136.6	Pg	07:59:28.069	0.3	T__	37.9	---	ML	2.0	242437	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.60	136.6	Lg	07:59:49.693	1.2	T__		---			242444	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
LOT	2.10	121.3	Pn	07:59:32.035	0.4	T__	41.8	---	ML	2.3	242447	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	2.10	121.3	Lg	08:00:05.476	-0.6	T__		---			242443	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/13	08:44:51.03	3.27	0.29	48.0398	20.5326	28.9	6.9	127	5.0f		6	4	253	0.08	0.46		ke BUD	18003366	BUD			355

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.08	356.4	Pg	08:44:53.378	0.1					T__		216.3		_c	ML	0.9	242475	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.08	356.4	Lg	08:44:54.963	-0.3					T__				---		242476	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.44	356.0	Pg	08:45:00.083	0.1					T__		154.2		---	ML	1.7	242477	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	356.0	Lg	08:45:07.002	0.3					T__				---		242480	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.45	254.4	Lg	08:45:07.621	-0.1					T__				---		242479	FDSN	GE	--	BUD	iLoc	HHE	???	_	
JOS	0.46	0.6	Lg	08:45:06.871	-0.2					T__				---		242478	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/14	13:28:58.79	3.61	1.00	48.1040	20.4014	29.1	6.9	57	5.0f		5	3	290	0.08	0.40		ke BUD	18003370	BUD			355

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.08	77.5	Pg	13:29:01.221	0.1					T__		35.6		---	ML	0.1	242572	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.08	77.5	Lg	13:29:02.825	-0.3					T__				---		242573	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.1 magdef=1)																									
(Station ML: 0.1 magdef=1)																									
KECS	0.38	8.4	Pg	13:29:06.589	0.0					T__		64.9		---	ML	1.2	242575	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.38	8.4	Lg	13:29:11.427	-1.0					T__				---		242574	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.40	13.2	Lg	13:29:13.979	1.0					T__				---		242576	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/15	07:44:11.40	1.23	1.56	48.6781	21.3704	9.7	5.7	12	0.0f		11	6	167	0.58	1.24	sx	BUD	18003372	BUD			268

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	18003372

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.58	252.0	Pg	07:44:22.891	-0.1					T__		31.3		---	ML	1.3	242678	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.58	252.0	Lg	07:44:32.951	1.2					T__				---		242679	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
KECS	0.62	252.0	Pg	07:44:23.199	-0.6					T__		133.9		---	ML	2.0	242681	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.62	252.0	Lg	07:44:33.772	0.7					T__				---		242680	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
HU02A	0.79	225.7	Pg	07:44:26.740	-1.0					T__		48.5		---	ML	1.6	242682	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	225.7	Lg	07:44:39.674	-0.3					T__				---		242683	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
TRPA	0.95	124.7	Pg	07:44:30.312	0.5					T__		41.7		---	ML	1.6	242686	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.95	124.7	Lg	07:44:41.398	-3.7					T__				---		242687	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
NIE	1.02	316.8	Lg	07:44:44.602	-1.4					T__				---		242685	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	1.24	232.9	Pn	07:44:36.584	0.5					T__		28.9		---	ML	1.7	242688	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.24	232.9	Sn	07:44:54.046	0.4					T__				---		242684	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/15	08:28:36.86	0.75	1.39	48.5771	17.5012	4.5	3.1	125	0.0f		15	9	121	0.25	1.88	sx	BUD	18003374	BUD			194

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	6 BUD	18003374

Sta	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	0.25	216.3	Pg	08:28:41.381	-1.1					T__				---		242727	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.25	216.3	Lg	08:28:46.206	-0.8					T__				---		242726	FDSN	SK	--	BUD	iLoc	HNN	???	_	
JAVC	0.30	21.6	Pg	08:28:42.664	-0.8					T__		173.9		---	ML	1.4	242728	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.30	21.6	Lg	08:28:46.000	-2.8					T__				---		242737	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KRUC	0.88	304.0	Lg	08:29:07.621	1.0					T__				---		242729	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
VYHS	0.89	94.9	Pg	08:28:55.226	0.4					T__		13.1		---	ML	1.1	242735	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.89	94.9	Lg	08:29:08.545	0.8					T__				---		242738	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
VRAC	0.95	321.1	Pg	08:28:55.604	0.8					T__		10.0		---	ML	1.0	242740	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.95	321.1	Lg	08:29:07.511	-1.1					T__				---		242739	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

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(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
RONA 1.19 223.0 Pg 08:28:59.871 -0.6 T__ --- 242731 FDSN OE -- BUD iLoc HHZ ??? _
RONA 1.19 223.0 Sn 08:29:18.862 1.1 T__ --- 242730 FDSN OE -- BUD iLoc HHN ??? _
MORC 1.20 1.3 Pg 08:29:00.538 1.3 T__ 23.8 --- ML 1.5 242734 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CONA 1.27 240.0 Pn 08:29:00.846 -1.2 T__ 27.0 --- ML 1.6 242733 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.27 240.0 Lg 08:29:19.632 1.3 T__ --- 242732 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA 1.88 225.8 Pn 08:29:11.986 1.7 T__ 23.9 --- ML 1.9 242736 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/15 08:49:58.69 0.99 0.57 46.0927 18.0363 6.3 3.4 146 0.0f 8 4 158 0.04 0.46 sx BUD 18003376 BUD 284

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Magnitude Err Nsta Author OrigID
ML 1.6 0.4 4 BUD 18003376

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.04 95.7 Pg 08:50:00.692 0.4 T__ 1063.3 _c ML 1.5 242788 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.04 95.7 Lg 08:50:01.623 -0.3 T__ --- 242792 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A273A 0.23 221.1 Pg 08:50:03.903 0.0 T__ 580.6 --- ML 1.7 242793 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A273A 0.23 221.1 Lg 08:50:07.873 0.2 T__ --- 242794 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 0.44 73.6 Pg 08:50:07.968 0.0 T__ 45.5 --- ML 1.2 242789 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.44 73.6 Lg 08:50:13.896 -1.1 T__ --- 242795 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A266A 0.46 20.0 Pg 08:50:08.571 0.1 T__ 293.4 --- ML 2.0 242790 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A266A 0.46 20.0 Lg 08:50:15.936 0.2 T__ --- 242791 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/15 10:37:13.02 0.94 0.48 48.5499 20.7962 5.5 3.7 7 0.0f 16 10 88 0.18 1.79 sx BUD 18003378 BUD 150

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 6 BUD 18003378

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 252.5 Pg 10:37:16.347 -0.5 T__ 377.2 --- ML 1.4 242872 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 252.5 Lg 10:37:20.222 0.4 T__ --- 242884 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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KECS	0.22	252.2	Pg	10:37:16.937	-0.6	T__	1059.1	___	ML	1.9	242874	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.22	252.2	Lg	10:37:21.608	0.5	T__		---			242873	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
ABAH	0.39	130.5	Pg	10:37:20.992	-0.1	T__	49.9	___	ML	1.1	242877	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	130.5	Lg	10:37:27.100	-0.8	T__		---			242878	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=0)																			
HU02A	0.46	203.0	Pg	10:37:22.686	-0.2	T__	42.3	___	ML	1.2	242875	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	203.0	Lg	10:37:30.718	0.3	T__		---			242876	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
PSZ	0.87	224.0	Pg	10:37:31.616	0.2	T__	34.0	___	ML	1.5	242880	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	224.0	Lg	10:37:44.088	-0.5	T__		---			242879	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
ET1H	0.91	223.0	Pg	10:37:32.027	-0.1	T__	23.7	___	ML	1.4	242881	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	223.0	Lg	10:37:45.962	0.5	T__		---			242886	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
NIE	0.93	339.6	Lg	10:37:43.765	0.0	T__		---			242885	FDSN	PL	--	BUD	iLoc	BHN	???	_
KOLS	1.05	68.0	Lg	10:37:49.632	0.3	T__		---			242883	FDSN	SK	--	BUD	iLoc	HHN	???	_
VVHS	1.30	268.3	Sn	10:37:57.125	0.5	T__		---			242882	FDSN	SK	--	BUD	iLoc	HHN	???	_
OJC	1.79	339.1	Sn	10:38:09.349	0.6	T__		---			242887	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
2022/08/15	12:47:23.07	0.92	0.50	48.3338	19.8557	4.7	3.2	126	0.0f		16	9	91	0.42	1.12	sx	BUD	18003380	BUD			173

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	7 BUD	18003380

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.42	176.4	Pg	12:47:32.258	0.0					T__		140.2		___	ML	1.6	242934	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	176.4	Lg	12:47:39.033	-0.0					T__				---		242935	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.45	70.2	Pg	12:47:32.181	0.1					T__		161.5		___	ML	1.7	242931	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.45	70.2	Lg	12:47:39.366	0.4					T__				---		242930	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ET1H	0.46	178.7	Pg	12:47:32.899	0.0					T__		63.7		___	ML	1.4	242937	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.46	178.7	Lg	12:47:39.931	-0.0					T__				---		242936	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU03A	0.46	201.8	Pg	12:47:33.053	0.1					T__		105.8		___	ML	1.6	242938	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.46	201.8	Lg	12:47:40.367	0.3					T__				---		242939	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.48	70.1	Pg	12:47:32.720	-0.1					T__		80.9		_c_	ML	1.6	242929	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	70.1	Lg	12:47:39.854	-0.4					T__				---		242941	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

HU02A	0.50	115.1	Pg	12:47:33.413	-0.1	T__	53.9	---	ML	1.4	242932	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	115.1	Lg	12:47:41.548	-0.0	T__		---			242933	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
VYHS	0.70	283.7	Lg	12:47:46.655	-0.9	T__		---			242940	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	0.92	91.8	Lg	12:47:55.065	-0.7	T__		---			242942	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.12	14.9	Pg	12:47:45.309	1.0	T__	12.9	---	ML	1.2	242944	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.12	14.9	Lg	12:48:00.091	-0.7	T__		---			242943	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/16	06:56:34.69	0.70	1.05	48.5871	18.4858	7.1	3.1	21	0.0f		15	8	128	0.25	1.44	sx	BUD	18003382	BUD			170

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	7 BUD	18003382

Sta	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	111.7	Pg	06:56:39.982	-0.0					T__		40.0		---	ML	0.6	243014	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	111.7	Lg	06:56:45.426	1.5					T__				---		243015	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
JAVC	0.60	297.1	Pg	06:56:47.730	0.5					T__		36.5		---	ML	1.4	243018	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.60	297.1	Lg	06:56:56.513	-0.3					T__				---		243019	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MODS	0.83	255.6	Pg	06:56:52.414	0.8					T__				---		243020	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.83	255.6	Lg	06:57:03.874	-0.5					T__				---		243021	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.16	124.9	Pn	06:56:57.539	-0.6					T__		28.0		---	ML	1.6	243016	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
ET1H	1.17	126.9	Pn	06:56:58.049	-0.2					T__		19.4		---	ML	1.4	243010	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.17	126.9	Sn	06:57:12.489	-2.4					T__				---		243022	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORC	1.34	332.9	Pg	06:57:00.110	0.5					T__		21.8		---	ML	1.6	243024	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.34	332.9	Lg	06:57:17.592	-0.7					T__				---		243023	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	1.37	93.1	Pn	06:57:01.026	-0.0					T__		21.3		---	ML	1.6	243013	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.37	93.1	Sn	06:57:19.711	-0.1					T__				---		243017	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	1.44	108.1	Pn	06:57:01.334	-0.7					T__		16.8		---	ML	1.5	243012	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.44	108.1	Sn	06:57:23.199	1.5					T__				---		243011	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/16	07:47:16.52	0.89	0.51	47.8466	19.1058	10.0	3.1	177	0.0f		11	7	182	0.06	1.16	sx	BUD	18003384	BUD			258

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 4 BUD 18003384

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.06	268.7	Pg	07:47:18.682	0.5					T__		1384.9		---	ML	1.6	243086	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.06	268.7	Lg	07:47:19.523	-0.3					T__				---		243095	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU03A	0.34	80.1	Lg	07:47:29.615	0.3					T__				---		243087	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.52	86.1	Lg	07:47:35.695	0.0					T__				---		243091	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.54	82.0	Pg	07:47:28.544	0.4					T__		30.7		---	ML	1.3	243096	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	82.0	Lg	07:47:36.718	-0.0					T__				---		243092	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VYHS	0.67	344.5	Lg	07:47:40.448	0.2					T__				---		243093	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.99	73.3	Pg	07:47:37.724	0.7					T__		20.5		---	ML	1.4	243088	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	73.3	Sn	07:47:51.878	-0.6					T__				---		243094	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	1.16	55.4	Pn	07:47:39.238	-0.8					T__		19.4		---	ML	1.4	243089	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.16	55.4	Sn	07:47:56.407	-0.1					T__				---		243090	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/08/16 08:18:52.56 1.15 0.72 47.1182 17.9942 7.0 4.8 94 0.0f 7 6 117 0.23 1.03 sx BUD 18003386 BUD 162

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.23	197.6	Lg	08:19:02.001	0.2					T__				---		243132	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CSKK	0.30	36.4	Lg	08:19:05.031	0.1					T__				---		243133	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.31	279.7	Pg	08:18:59.538	0.1					T__		100.6		---	ML	1.2	243130	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.31	279.7	Lg	08:19:04.721	-0.1					T__				---		243134	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU08A	0.32	351.3	Lg	08:19:04.875	-0.3					T__				---		243131	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	1.01	153.4	Lg	08:19:27.748	0.3					T__				---		243135	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.03	175.9	Lg	08:19:27.165	-1.3					T__				---		243136	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  
 2022/08/16 08:56:07.97 1.23 0.43 48.5885 20.7674 11.2 3.7 0 0.0f 14 8 204 0.18 1.29 sx BUD 18003390 BUD 229

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 6 BUD 18003390

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	238.6	Pg	08:56:12.215	0.5					T__		396.0		---	ML	1.4	243249	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	238.6	Lg	08:56:14.973	0.3					T__				---		243250	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.21 240.7 Pg 08:56:12.725 0.3 T__ 675.7 ___ ML 1.7 243252 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 240.7 Lg 08:56:16.112 0.1 T__ ___ 243251 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.43 132.8 Pg 08:56:17.380 0.6 T__ 54.3 ___ ML 1.2 243240 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.43 132.8 Lg 08:56:24.078 -0.1 T__ ___ 243242 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU02A 0.49 199.2 Lg 08:56:25.922 -0.4 T__ ___ 243243 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.89 221.3 Lg 08:56:39.848 -0.2 T__ ___ 243241 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.93 220.5 Pg 08:56:27.323 -0.0 T__ 22.5 ___ ML 1.4 243253 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.93 220.5 Lg 08:56:40.535 -0.4 T__ ___ 243244 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
TRPA 1.27 110.5 Pg 08:56:32.302 -0.1 T__ 43.2 ___ ML 1.8 243247 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.27 110.5 Sn 08:56:49.907 -0.7 T__ ___ 243248 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS 1.29 266.5 Pn 08:56:33.064 -0.2 T__ 11.9 ___ ML 1.3 243246 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 266.5 Sn 08:56:50.618 -0.5 T__ ___ 243245 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/16 11:41:13.78 0.77 0.38 47.3515 18.3821 5.2 4.7 124 0.0f 13 10 108 0.08 1.28 sx BUD 18003392 BUD 109

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 18003392

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Sta 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 0.08 278.0 Pg 11:41:15.936 -0.2 T__ 1697.9 ___ ML 1.8 243313 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 278.0 Lg 11:41:18.041 -0.4 T__ ___ 243314 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU09A 0.29 0.0 Lg 11:41:25.431 0.1 T__ ___ 243315 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.32 284.5 Lg 11:41:27.265 0.8 T__ ___ 243321 FDSN ZJ 00 BUD iLoc HHN ??? _
A267A 0.41 170.4 Lg 11:41:29.518 0.1 T__ ___ 243322 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.60 252.8 Lg 11:41:35.677 0.3 T__ ___ 243323 FDSN HU -- BUD iLoc HHN ??? _
ET1H 1.14 61.8 Pn 11:41:36.852 -0.1 T__ 23.6 ___ ML 1.5 243318 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.14 61.8 Sn 11:41:53.584 0.3 T__ ___ 243317 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 1.15 170.9 Sn 11:41:53.128 -0.4 T__ ___ 243324 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.17 60.4 Pn 11:41:37.673 0.2 T__ 35.9 ___ ML 1.7 243319 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.17 60.4 Sn 11:41:54.302 0.1 T__ ___ 243320 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 1.18 14.8 Sn 11:41:54.200 -0.3 T__ ___ 243316 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.28 188.8 Sn 11:41:57.029 0.3 T__ ___ 243325 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			
2022/08/16	11:53:03.50	0.82	0.56	46.2201	16.6110	4.1	3.3	161	4.9	8.1	24	15	67	0.27	1.53	ke	BUD	18003394	BUD			131			
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.8	0.2	9 BUD	18003394																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BEHE	0.27	24.4	Pg	11:53:08.828	-0.5					T__		891.8		___	ML	2.0	243413	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.27	24.4	Lg	11:53:13.242	-0.1					T__				---		243422	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
KOGS	0.34	312.5	Pg	11:53:10.429	0.1					T__		160.8		___	ML	1.4	243424	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.34	312.5	Lg	11:53:15.253	0.3					T__				---		243423	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
A264A	0.48	97.1	Pg	11:53:13.526	0.3					T__		391.7		___	ML	2.2	243425	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.48	97.1	Lg	11:53:19.685	0.1					T__				---		243426	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
PTJ	0.55	235.3	Pg	11:53:14.499	-0.1					T__		59.8		___	ML	1.6	243414	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.55	235.3	Lg	11:53:21.582	-0.9					T__				---		243427	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
ZAG	0.59	228.1	Lg	11:53:23.611	0.5					T__				---		243428	FDSN	CR	--	BUD	iLoc	BHE	???	_	
A263A	0.64	48.9	Pg	11:53:16.425	0.0					T__		447.4		___	ML	2.5	243434	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.64	48.9	Lg	11:53:24.329	-0.9					T__				---		243433	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.5 magdef=1)																					
				(Station ML: 2.5 magdef=0)																					
A261A	0.82	26.7	Lg	11:53:31.635	0.7					T__				---		243429	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
CRES	0.90	244.3	Pn	11:53:22.275	-0.5					T__		48.3		___	ML	1.7	243419	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.90	244.3	Lg	11:53:34.491	0.7					T__				---		243418	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
KOVH	1.04	96.7	Pg	11:53:23.096	-0.8					T__		67.0		___	ML	1.9	243417	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.04	96.7	Lg	11:53:37.365	-0.2					T__				---		243416	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
MPLH	1.15	33.6	Pg	11:53:25.633	-0.2					T__		49.6		___	ML	1.8	243430	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.15	33.6	Lg	11:53:41.368	-0.9					T__				---		243415	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ARSA	1.27	324.4	Lg	11:53:44.345	0.3					T__				---		243420	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORH	1.41	89.5	Pg	11:53:31.229	0.6					T__		30.2		___	ML	1.8	243435	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
OBKA	1.46	282.2	Sn	11:53:50.652	0.5					T__				---		243431	FDSN	OE	--	BUD	iLoc	HHN	???	_	
RONA	1.50	351.8	Pn	11:53:31.514	0.4					T__				---		243421	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.50	351.8	Sn	11:53:51.120	0.1					T__				---		243432	FDSN	OE	--	BUD	iLoc	HHN	???	_	
BLY	1.53	164.5	Lg	11:53:52.325	0.6					T__				---		243436	FDSN	MN	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/17	06:42:07.95	1.03	0.57	47.9255	16.0532	7.5	4.2	30	0.0f	6	3	132	0.13	1.16	sx	BUD	18003398	BUD				260

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.13	271.3	Pg	06:42:10.627	-0.1					T__		89.5		---	ML	0.6	243596	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	271.3	Lg	06:42:13.067	0.2					T__				---		243597	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
RONA	0.28	144.0	Pg	06:42:13.576	-0.2					T__				---		243599	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.28	144.0	Lg	06:42:18.152	0.4					T__				---		243598	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.16	11.2	Pg	06:42:30.813	0.6					T__		23.1		---	ML	1.5	243600	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.16	11.2	Lg	06:42:46.728	-0.6					T__				---		243601	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/17	06:56:39.82	0.78	0.62	47.8484	19.8597	9.4	3.5	168	0.0A	0.0	13	8	224	0.03	1.03	m	kx	BUD	18003400	BUD			360
2022/08/17	06:56:37.59	0.89	0.91	47.8222	19.8572f				0.0f		13	8	232	0.06	1.04		kx	BUD_GT	18003401	BUD_GT			252

(locality : Gyöngyöstarján Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	18003401

Sta	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	9.5	Pg	06:56:39.520	0.1					T__		3184.8		_c	ML	2.0	243661	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.06	9.5	Lg	06:56:40.365	-0.7					T__				---		243672	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.10	14.6	Pg	06:56:40.034	-0.4					T__		3321.3		---	ML	2.1	243660	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.10	14.6	Lg	06:56:41.735	-1.2					T__				---		243670	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU03A	0.19	295.3	Pg	06:56:43.280	1.3					T__		371.1		---	ML	1.4	243662	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.19	295.3	Lg	06:56:45.718	0.3					T__				---		243666	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.54	56.0	Lg	06:56:56.355	-1.5					T__				---		243667	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.78	32.2	Lg	06:57:04.622	-0.6					T__				---		243668	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.81	33.9	Pg	06:56:54.653	0.8					T__		76.5		---	ML	1.8	243671	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	33.9	Lg	06:57:05.337	-0.8					T__				---		243663	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
VYHS	0.96	314.9	Pn	06:56:58.533	1.2					T__		10.9		---	ML	1.1	243669	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.96	314.9	Lg	06:57:10.162	-0.9					T__				---		243664	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
ABAH	1.04	62.4	Lg	06:57:14.063	-0.5					T__				---		243665	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
2022/08/17	07:15:32.32	0.86	1.17	48.5194	17.4854	4.7	3.5	134	0.0f	15	9	125	0.20	1.26	sx	BUD	18003402	BUD				197

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	4 BUD	18003402

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.20	223.6	Pg	07:15:35.491	-1.4					T__						243709	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.20	223.6	Lg	07:15:39.397	-1.4					T__						243723	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.36	19.8	Pg	07:15:39.051	-1.1					T__	264.2			ML	1.7	243711	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	19.8	Lg	07:15:45.548	-0.7					T__						243710	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
VYHS	0.90	91.1	Pg	07:15:51.112	0.6					T__		20.4		ML	1.3	243719	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.90	91.1	Lg	07:16:03.864	0.4					T__						243718	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
KRUC	0.90	307.4	Lg	07:16:04.486	1.6					T__						243713	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	0.98	323.6	Pg	07:15:52.183	1.2					T__	9.3			ML	1.0	243715	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.98	323.6	Lg	07:16:05.281	-0.1					T__						243721	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
SOP	1.04	216.9	Lg	07:16:08.219	1.5					T__						243712	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.14	224.6	Pg	07:15:54.533	-0.4					T__						243714	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.14	224.6	Lg	07:16:11.364	1.6					T__						243722	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.24	242.0	Pg	07:15:55.916	-0.7					T__	61.8			ML	2.0	243716	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.24	242.0	Lg	07:16:13.679	1.1					T__						243717	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
MORC	1.26	1.7	Lg	07:16:13.472	0.2					T__						243720	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/17	07:36:59.87	1.34	0.46	48.5673	20.8074	10.5	5.0	0	0.0f	12	9	161	0.19	1.31	sx	BUD	18003404	BUD				202

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	18003404

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
JOS	0.19	248.2	Pg	07:37:03.656	-0.2					T__		384.7		ML	1.4	243753	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	248.2	Lg	07:37:07.313	0.2					T__						243754	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
KECS	0.23	248.7	Lg	07:37:08.725	0.3					T__						243755	FDSN	SK	--	BUD	iLoc	EHN	???	_
ABAH	0.40	133.1	Lg	07:37:15.074	0.2					T__						243761	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.48	203.0	Lg	07:37:17.553	-0.4					T__						243756	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	0.89	223.6	Pg	07:37:18.887	0.2					T__	37.1			ML	1.6	243758	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	223.6	Lg	07:37:32.489	0.5					T__						243757	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
ET1H	0.93	222.6	Pg	07:37:19.093	-0.2					T__	22.5			ML	1.4	243759	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.93	222.6	Lg	07:37:33.618	0.7					T__						243762	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								

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(Station ML: 1.4 magdef=1
KOLS 1.04 68.8 Lg 07:37:36.601 0.8 T__ --- 243763 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.24 110.1 Sn 07:37:41.573 -0.1 T__ --- 243760 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.31 267.5 Sn 07:37:43.482 -0.2 T__ --- 243764 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
2022/08/17 07:44:38.38 0.72 0.63 48.5551 18.8001 6.2 3.2 25 0.0f 19 11 125 0.07 1.48 sx BUD 18003406 BUD 159

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 9 BUD 18003406

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.07 158.6 Pg 07:44:40.017 0.0 T__ 781.4 --- ML 1.4 243811 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.07 158.6 Lg 07:44:41.711 0.3 T__ --- 243810 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
JAVC 0.81 292.6 Pg 07:44:55.984 1.1 T__ 68.6 --- ML 1.8 243812 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.81 292.6 Lg 07:45:06.159 -1.3 T__ --- 243813 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU03A 0.84 140.3 Pg 07:44:56.694 0.8 T__ 59.1 --- ML 1.7 243814 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 0.97 130.6 Pg 07:44:58.870 0.1 T__ 41.8 --- ML 1.7 243808 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.97 130.6 Lg 07:45:12.164 -1.1 T__ --- 243815 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.99 133.0 Pg 07:44:58.973 0.0 T__ 32.7 --- ML 1.6 243809 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 133.0 Lg 07:45:12.882 -0.4 T__ --- 243816 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MODS 1.03 260.4 Lg 07:45:14.507 -0.3 T__ 243817 FDSN SK -- BUD iLoc HHN ??? _
KECS 1.12 93.0 Pg 07:45:00.923 0.3 T__ 127.5 --- ML 2.2 243806 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.12 93.0 Lg 07:45:16.886 -0.1 T__ --- 243818 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 1.16 92.3 Pg 07:45:02.053 0.8 T__ 25.5 --- ML 1.6 243805 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.16 92.3 Lg 07:45:17.810 -0.2 T__ --- 243819 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.23 110.0 Pn 07:45:02.566 -0.3 T__ 20.9 --- ML 1.5 243807 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.23 110.0 Sn 07:45:20.171 -0.0 T__ --- 243820 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU08A 1.27 208.0 Sn 07:45:20.397 -0.7 T__ 243821 FDSN ZJ 00 BUD iLoc HHN ??? _
MORC 1.48 326.5 Pn 07:45:06.182 -0.1 T__ 22.6 --- ML 1.7 243822 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.48 326.5 Lg 07:45:26.186 -0.1 T__ --- 243823 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/17	08:27:08.40	3.41	0.36	48.9134	19.8412	20.6	7.7	2	0.0f	6	5	253	0.62	1.04	sx	BUD	18003408	BUD				312

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.62	131.8	Lg	08:27:30.556	0.4					T__						243857	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
VYHS	0.79	238.1	Lg	08:27:35.949	0.3					T__						243858	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.91	149.9	Pg	08:27:26.792	-0.3					T__		19.5		---	ML	1.3	243855	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.91	149.9	Lg	08:27:40.701	0.2					T__						243859	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	1.00	177.9	Lg	08:27:44.037	0.0					T__						243856	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.04	178.9	Lg	08:27:44.947	0.0					T__						243860	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	
2022/08/18	03:40:36.23	0.98	1.33	47.1116	17.5518	12.3	3.7	54	10.0f	7	4	140	0.06	1.11	ke	BUD	18003412	BUD					242

Magnitude Err Nsta Author OrigID  
ML 1.2 0.1 4 BUD 18003412

Sta	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	0.06	351.9	Pg	03:40:37.709	-0.9					T__		454.4		---	ML	1.1	244020	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.06	351.9	Lg	03:40:38.669	-1.9					T__						244025	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
TIH	0.32	132.1	Pg	03:40:43.409	0.5					T__		114.8		---	ML	1.2	244024	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.32	132.1	Lg	03:40:48.053	0.1					T__						244022	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
EGYH	0.34	334.0	Pg	03:40:44.325	0.9					T__		95.0		---	ML	1.2	244023	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.34	334.0	Lg	03:40:49.854	1.1					T__						244021	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KOGS	1.11	233.9	Pg	03:40:57.243	-0.3					T__		34.4		---	ML	1.7	244026	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/18	06:36:17.65	0.97	1.39	48.5344	17.4942	9.1	3.4	129	0.0f	6	4	138	0.22	1.25	sx	BUD	18003416	BUD					210

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.22	222.0	Pg	06:36:22.513	-0.0					T__						244173	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.22	222.0	Lg	06:36:25.245	-1.3					T__						244176	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.35	19.7	Pg	06:36:25.179	0.1					T__		45.1		---	ML	0.9	244174	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.35	19.7	Lg	06:36:30.253	-0.7					T__						244177	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									

VYHS	0.89	92.1	Lg	06:36:49.015	0.4	T__	---	244178	FDSN	SK	--	BUD	iLoc	HHN	???	_
CONA	1.25	241.5	Lg	06:37:00.146	1.8	T__	---	244175	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/18	07:29:45.67	0.98	0.84	48.9982	19.3739	6.7	4.4	176	0.0f	13	9	111	0.62	1.43	sx	BUD	18003418	BUD				178

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	18003418

Sta	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	0.62	215.4	Pg	07:29:58.422	0.2					T__		14.5		---	ML	1.0	244212	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.62	215.4	Lg	07:30:08.209	1.0					T__				---		244211	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
NIE	0.74	54.9	Lg	07:30:11.615	1.4					T__				---		244210	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KECS	0.90	124.6	Pg	07:30:03.560	0.1					T__	101.6			---	ML	2.0	244208	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.90	124.6	Lg	07:30:16.287	-0.5					T__				---		244207	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.92	122.7	Pg	07:30:03.852	0.0					T__		26.5		---	ML	1.4	244205	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	122.7	Lg	07:30:16.908	-0.6					T__				---		244206	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JAVC	1.13	263.6	Sn	07:30:24.541	-0.6					T__				---		244215	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
PSZ	1.13	162.0	Pn	07:30:08.627	-0.3					T__		39.6		---	ML	1.7	244209	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.13	162.0	Sn	07:30:24.732	-0.5					T__				---		244216	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	1.16	138.5	Lg	07:30:25.127	-0.5					T__				---		244217	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.17	163.3	Sn	07:30:26.594	0.7					T__				---		244213	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORC	1.43	303.8	Lg	07:30:30.489	-1.4					T__				---		244214	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/18	08:02:24.65	0.72	1.16	48.2655	21.1898	5.9	3.5	1	0.0f	23	15	108	0.05	2.02	sx	BUD	18003422	BUD				111

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	9 BUD	18003422

Sta	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	47.5	Pg	08:02:25.195	-1.0					T__		33772.5		---	ML	3.0	244286	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	47.5	Lg	08:02:26.875	-0.8					T__				---		244287	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
HU02A	0.47	252.4	Pg	08:02:33.778	-0.8					T__	104.7			---	ML	1.6	244292	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	252.4	Lg	08:02:41.995	-0.2					T__				---		244302	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
JOS	0.49	298.2	Pg	08:02:34.507	-0.0					T__	136.9			---	ML	1.8	244288	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	298.2	Lg	08:02:41.847	-0.3					T__				---		244289	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									

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(Station ML: 1.8 magdef=1
KECS 0.52 295.2 Pg 08:02:35.197 0.1 T__ 200.9 --- ML 2.0 244291 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.52 295.2 Lg 08:02:42.209 -0.8 T__ --- 244290 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU05A 0.72 182.9 Lg 08:02:51.228 -0.1 T__ --- 244303 FDSN ZJ 00 BUD iLoc HHE ??? _
HU23A 0.89 225.6 Lg 08:02:58.562 1.9 T__ --- 244296 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 0.91 98.0 Pg 08:02:40.923 -1.5 T__ 253.7 --- ML 2.4 244293 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.91 98.0 Lg 08:02:55.311 -2.0 T__ --- 244294 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
PSZ 0.94 248.7 Pg 08:02:43.461 -0.9 T__ 77.0 --- ML 1.9 244298 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.94 248.7 Lg 08:02:58.507 0.1 T__ --- 244297 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.97 246.9 Pg 08:02:43.979 -0.9 T__ 47.1 --- ML 1.7 244299 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.97 246.9 Lg 08:02:58.659 -0.3 T__ --- 244300 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 0.98 46.7 Pg 08:02:43.947 0.5 T__ --- 244295 FDSN SK -- BUD iLoc HHZ ??? _
HU03A 1.13 251.8 Pn 08:02:47.330 -0.3 T__ 73.9 --- ML 2.0 244301 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.13 251.8 Sn 08:03:03.763 -0.1 T__ --- 244304 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.59 279.2 Sn 08:03:15.758 0.5 T__ --- 244305 FDSN SK -- BUD iLoc HHN ??? _
BMR 1.66 110.1 Sn 08:03:18.460 1.5 T__ --- 244308 FDSN RO -- BUD iLoc HHN ??? _
DRGR 1.80 144.5 Pn 08:02:57.845 0.8 T__ 38.3 --- ML 2.1 244306 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
SIRR 2.02 170.7 Sn 08:03:28.991 3.0 T__ --- 244307 FDSN RO -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/18 08:22:31.72 3.86 0.29 48.5097 20.8789 22.4 11.2 69 0.0f 7 5 304 0.23 0.92 sx BUD 18003424 BUD 320

```

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.23 266.6 Pg 08:22:36.226 -0.2 T__ 119.4 --- ML 1.0 244342 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.23 266.6 Lg 08:22:40.426 0.3 T__ --- 244343 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.26 264.4 Pg 08:22:37.445 0.3 T__ 163.4 --- ML 1.2 244347 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.26 264.4 Lg 08:22:41.138 -0.3 T__ --- 244344 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.45 211.5 Lg 08:22:48.880 0.1 T__ --- 244345 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.89 228.4 Lg 08:23:03.446 -0.2 T__ --- 244348 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.92 227.3 Sn 08:23:05.880 -0.1 T__ --- 244346 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

```

2022/08/18 08:25:42.15 0.85 1.36 48.4173 21.4291 7.7 4.0 165 0.0f 13 8 129 0.18 1.17 sx BUD 18003426 BUD 192

Magnitude Err Nsta Author OrigID  
ML 1.6 0.0 4 BUD 18003426

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.18	226.2	Lg	08:25:50.066	0.4					T__						244376	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.60	277.9	Pg	08:25:54.850	0.7					T__		27.6			ML	1.3	244380	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	277.9	Lg	08:26:02.702	-0.5					T__						244379	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.63	276.3	Lg	08:26:03.958	-0.4					T__						244386	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.67	244.3	Pg	08:25:55.325	-0.8					T__		47.4			ML	1.5	244378	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.67	244.3	Lg	08:26:05.185	-1.6					T__						244377	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOLS	0.76	47.0	Pg	08:25:57.078	0.3					T__						244385	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.76	47.0	Lg	08:26:06.975	-2.2					T__						244387	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	0.80	110.8	Pg	08:25:58.470	0.8					T__		43.5			ML	1.6	244388	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.80	110.8	Lg	08:26:09.202	-1.9					T__						244381	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.14	244.7	Sn	08:26:23.298	1.4					T__						244382	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.17	243.3	Pn	08:26:05.039	-0.8					T__		26.0			ML	1.6	244384	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.17	243.3	Sn	08:26:24.029	1.5					T__						244383	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/08/18 09:13:16.11 0.94 0.36 47.8855 16.0770 5.5 4.0 33 0.0f 8 5 83 0.15 1.20 sx BUD 18003428 BUD 159

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	286.5	Pg	09:13:19.228	-0.1					T__		194.2			ML	1.0	244413	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	286.5	Lg	09:13:21.711	0.0					T__						244414	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.24	141.4	Pg	09:13:20.848	-0.3					T__						244416	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	141.4	Lg	09:13:24.865	0.2					T__						244415	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.74	210.8	Lg	09:13:40.153	0.5					T__						244417	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.94	58.3	Lg	09:13:50.128	0.4					T__						244420	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KRUC	1.20	10.1	Pg	09:13:39.239	0.2					T__		31.5			ML	1.7	244419	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	10.1	Lg	09:13:56.403	-0.3					T__						244418	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/08/18 09:57:23.15 1.60 0.77 47.8940 20.1408 14.8 3.5 157 0.0f 10 6 217 0.17 1.06 sx BUD 18003430 BUD 241

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 5 BUD 18003430

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
PSZ	0.17	278.5	Pg	09:57:27.863	0.5					T__		563.0		---	ML	1.5 244498	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.17	278.5	Lg	09:57:29.877	-0.9					T__				---		244503	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
ET1H	0.18	265.4	Pg	09:57:27.863	0.4					T__		430.4		---	ML	1.4 244499	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.18	265.4	Lg	09:57:30.139	-0.7					T__				---		244504	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU02A	0.34	48.3	Pg	09:57:30.876	0.2					T__		112.1		---	ML	1.3 244496	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.34	48.3	Lg	09:57:35.574	-1.1					T__				---		244505	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																								
KECS	0.63	21.2	Pg	09:57:36.013	0.1					T__		87.9		---	ML	1.8 244500	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
JOS	0.66	23.7	Pg	09:57:37.066	0.7					T__		28.8		---	ML	1.3 244497	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	23.7	Lg	09:57:47.035	0.6					T__				---		244501	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
VYHS	1.06	305.0	Lg	09:57:59.351	-0.6					T__				---		244502	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  
 2022/08/18 10:05:45.54 0.81 0.76 48.5365 20.7751 4.7 3.4 4 0.0f 18 11 86 0.16 1.29 sx BUD 18003432 BUD 158

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.0 7 BUD 18003432

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
JOS	0.16	255.5	Pg	10:05:48.971	-0.0					T__		421.8		---	ML	1.4 244548	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	255.5	Lg	10:05:52.486	0.7					T__				---		244555	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
KECS	0.20	254.6	Pg	10:05:49.391	-0.4					T__		927.5		---	ML	1.8 244549	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	254.6	Lg	10:05:53.764	0.7					T__				---		244556	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
ABAH	0.39	127.7	Pg	10:05:54.120	0.5					T__		95.5		---	ML	1.4 244550	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	127.7	Lg	10:06:00.356	-0.1					T__				---		244557	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU02A	0.45	202.0	Lg	10:06:02.485	0.1					T__				---		244558	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.85	223.9	Pg	10:06:04.345	0.8					T__		61.0		---	ML	1.8 244551	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.85	223.9	Lg	10:06:17.145	0.7					T__				---		244552	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
ET1H	0.89	222.9	Pg	10:06:04.382	0.1					T__		28.2		---	ML	1.4 244553	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.89	222.9	Lg	10:06:17.930	0.6					T__				---		244561	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								

(Station ML: 1.4 magdef=1  
 NIE 0.94 340.6 Pg 10:06:04.254 1.0 T\_\_ 22.9 --- ML 1.4 244559 FDSN PL -- BUD iLoc BHZ BHZ \_  
 NIE 0.94 340.6 Lg 10:06:16.342 -0.2 T\_\_ --- 244560 FDSN PL -- BUD iLoc BHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 HU03A 1.01 231.6 Lg 10:06:22.346 1.1 T\_\_ --- 244562 FDSN ZJ 00 BUD iLoc HHE ??? \_  
 KOLS 1.07 67.6 Lg 10:06:21.419 -1.0 T\_\_ --- 244563 FDSN SK -- BUD iLoc HHN ??? \_  
 TRPA 1.25 108.4 Sn 10:06:26.543 -1.1 T\_\_ --- 244564 FDSN HU -- BUD iLoc HHN ??? \_  
 VYHS 1.29 268.8 Pn 10:06:09.933 -0.9 T\_\_ 13.5 --- ML 1.3 244554 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 1.29 268.8 Sn 10:06:28.301 -0.5 T\_\_ --- 244565 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/19	06:44:46.49	2.05	0.97	47.9573	20.4061	19.3	3.6	140	0.0f		10	5	232	0.18	0.55	sx	BUD	18003436	BUD			248

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	5 BUD	18003436

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.18	25.8	Pg	06:44:51.230	0.4					T__		204.4		---	ML	1.1	244737	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	25.8	Lg	06:44:52.461	-2.0					T__				---		244738	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
PSZ	0.35	263.7	Pg	06:44:54.443	0.2					T__		63.3		---	ML	1.1	244730	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.35	263.7	Lg	06:44:59.239	-1.0					T__				---		244735	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
ET1H	0.37	257.9	Pg	06:44:55.265	0.7					T__		33.7		---	ML	0.9	244732	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.37	257.9	Lg	06:44:59.931	-0.6					T__				---		244736	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0																									
KECS	0.53	5.7	Pg	06:44:57.951	0.7					T__		109.4		---	ML	1.8	244731	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.53	5.7	Lg	06:45:05.409	0.0					T__				---		244733	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
JOS	0.55	9.3	Pg	06:44:58.064	0.6					T__		34.8		---	ML	1.3	244729	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	9.3	Lg	06:45:05.879	-0.1					T__				---		244734	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/19	08:42:25.22	1.88	0.58	48.5332	20.7983	13.2	6.4	16	0.0f		8	6	230	0.18	0.90	sx	BUD	18003440	BUD			306

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	257.8	Pg	08:42:28.840	-0.1					T__		128.4		---	ML	0.9	244813	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	257.8	Lg	08:42:32.757	0.9					T__				---		244814	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1																									



```

(Station ML: 0.9 magdef=1
KECS 0.21 256.6 Pg 08:42:29.251 -0.5 T__ 365.4 --- ML 1.5 244815 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.21 256.6 Lg 08:42:33.451 0.2 T__ --- 244818 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.38 128.7 Lg 08:42:40.152 0.5 T__ --- 244816 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.45 204.0 Lg 08:42:42.284 0.2 T__ --- 244819 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.86 224.8 Lg 08:42:55.962 -0.4 T__ --- 244820 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.90 223.8 Lg 08:42:57.754 0.5 T__ --- 244817 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
2022/08/19	09:14:06.51	0.88	0.67	47.8661	16.0608	6.4	3.8	32	0.0f	8	6	84	0.15	1.51	sx	BUD	18003442	BUD				158

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	295.0	Pg	09:14:09.567	-0.1					T__		167.2		---	ML	0.9	244840	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	295.0	Lg	09:14:12.160	0.2					T__				---		244841	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
RONA	0.23	136.3	Pg	09:14:11.156	-0.2					T__				---		244843	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	136.3	Lg	09:14:15.082	0.3					T__				---		244842	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.72	210.8	Lg	09:14:29.681	0.3					T__				---		244845	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.96	57.6	Lg	09:14:41.529	0.7					T__				---		244846	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.22	10.4	Sn	09:14:46.876	-1.1					T__				---		244847	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CKRC	1.51	309.9	Sn	09:14:55.654	0.4					T__				---		244844	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/21	03:33:02.90	1.11	1.09	45.8993	21.5734	8.4	6.6	159	11.3	12.4	9	5	87	0.28	1.67	ke	BUD	18003452	BUD				161

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 3 BUD 18003452

Sta	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	0.28	173.9	Pg	03:33:09.071	0.2					T__		52.7		_c_	ML	0.8	245214	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.28	173.9	Lg	03:33:13.278	-0.0					T__				---		245208	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
GZR	0.98	120.5	Lg	03:33:34.939	0.0					T__				---		245209	FDSN	RO	--	BUD	iLoc	HHE	???	_	
DRGR	1.19	41.0	Pn	03:33:25.112	-0.4					T__		23.7		---	ML	1.5	245211	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.19	41.0	Lg	03:33:40.960	-0.8					T__				---		245210	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
FRGS	1.44	239.7	Pg	03:33:30.026	0.1					T__		23.5		---	ML	1.7	245212	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	1.44	239.7	Sn	03:33:48.780	0.9					T__				---		245213	FDSN	SJ	--	BUD	iLoc	BHN	???	_	
FRGS	1.44	239.7	Lg	03:33:51.640	-1.3					T__				---		245215	FDSN	SJ	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BSZH	1.67	327.7	Lg	03:33:58.953	1.6					T__				---		245216	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  
 2022/08/21 18:43:13.06 0.96 0.43 47.9011 16.2887 8.5 4.0 32 7.8 15.3 9 5 136 0.20 1.16 ke BUD 18003454 BUD 224

Magnitude Err Nsta Author OrigID  
 ML 0.8 0.3 3 BUD 18003454

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.20	178.5	Pg	18:43:17.575	0.0					T__						245241	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.20	178.5	Lg	18:43:20.239	-0.4					T__						245242	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.28	140.1	Pg	18:43:19.132	0.1					T__		52.0			ML	0.8	245244	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	140.1	Lg	18:43:23.076	0.0					T__						245243	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.29	275.6	Pg	18:43:19.257	0.1					T__		30.2			ML	0.6	245249	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	275.6	Lg	18:43:23.042	-0.3					T__						245245	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
ARSA	0.83	218.8	Lg	18:43:40.274	0.6					T__						245246	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.16	3.5	Pg	18:43:35.568	0.3					T__		20.5			ML	1.5	245247	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.16	3.5	Sn	18:43:51.325	-0.5					T__						245248	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/08/22 08:49:46.90 0.83 1.11 48.5360 20.7485 5.2 4.1 171 0.0f 15 10 126 0.14 1.27 sx BUD 18003458 BUD 199

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.3 5 BUD 18003458

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.14	253.9	Pg	08:49:49.847	-0.2					T__		280.7			ML	1.2	245334	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	253.9	Lg	08:49:53.737	1.2					T__						245335	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
KECS	0.18	253.3	Pg	08:49:50.359	-0.4					T__		660.7			ML	1.6	245336	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	253.3	Lg	08:49:55.024	1.2					T__						245343	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.41	126.1	Lg	08:50:02.182	-0.1					T__						245344	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.44	199.9	Lg	08:50:04.053	0.6					T__						245337	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.84	223.1	Lg	08:50:17.455	0.1					T__						245338	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.88	222.1	Lg	08:50:20.085	1.8					T__						245339	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.93	341.6	Pg	08:50:05.477	1.0					T__		27.0			ML	1.4	245340	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.93	341.6	Lg	08:50:17.108	-0.6					T__						245345	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU03A	1.00	231.0	Lg	08:50:23.312	1.2					T__						245346	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
TRPA	1.26	108.1	Pg	08:50:12.416	1.2					T__		45.0			ML	1.9	245342	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.26	108.1	Sn	08:50:27.973	-1.4					T__						245341	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

```

(Station ML: 1.9 magdef=0
VYHS 1.27 268.8 Pn 08:50:10.626 -1.3 T__ 9.7 ___ ML 1.2 245348 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.27 268.8 Sn 08:50:29.616 -0.1 T__ ___ 245347 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/22 14:31:25.34 0.77 0.67 48.5162 18.5484 9.0 3.2 12 0.0f 11 6 155 0.19 1.42 sx BUD 18003462 BUD 194

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```

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 4 BUD 18003462

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.19 96.5 Pg 14:31:30.177 0.7 T__ 34.2 _c_ ML 0.4 245445 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.19 96.5 Lg 14:31:32.011 -0.6 T__ ___ 245441 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
JAVC 0.68 300.9 Pg 14:31:40.073 0.8 T__ 39.2 ___ ML 1.5 245446 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.68 300.9 Lg 14:31:49.139 -0.8 T__ ___ 245442 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 0.86 260.9 Pg 14:31:43.049 0.3 T__ ___ 245444 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.86 260.9 Lg 14:31:55.852 -0.1 T__ ___ 245443 FDSN SK -- BUD iLoc HHN ??? _
JOS 1.32 90.1 Pn 14:31:51.250 0.2 T__ 18.8 ___ ML 1.5 245448 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.32 90.1 Sn 14:32:08.482 -0.9 T__ ___ 245447 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 1.38 105.9 Sn 14:32:10.242 -0.6 T__ ___ 245449 FDSN ZJ 00 BUD iLoc HHN ??? _
MORC 1.42 332.7 Pn 14:31:52.179 -0.3 T__ 27.3 ___ ML 1.7 245451 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.42 332.7 Lg 14:32:11.418 -0.2 T__ ___ 245450 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/22 14:32:26.63 0.76 0.57 48.5777 18.6063 11.0 3.3 24 0.0f 10 6 138 0.17 1.52 sx BUD 18003464 BUD 176

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 5 BUD 18003464

```

```

Sta 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 0.17 118.7 Pg 14:32:30.525 0.1 T__ 36.8 ___ ML 0.4 245481 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.17 118.7 Lg 14:32:33.017 -0.3 T__ ___ 245482 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=0
JAVC 0.68 294.8 Pg 14:32:40.698 0.0 T__ 36.9 ___ ML 1.4 245484 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.68 294.8 Lg 14:32:50.283 -1.1 T__ ___ 245483 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MODS 0.91 257.5 Pg 14:32:45.197 0.2 T__ ___ 245485 FDSN SK -- BUD iLoc HHZ ??? _
JOS 1.29 92.9 Pn 14:32:51.910 0.0 T__ 22.8 ___ ML 1.6 245486 FDSN ZJ -- BUD iLoc HHZ HHZ _

```

```

JOS 1.29 92.9 Sn 14:33:09.349 -0.5 T__ --- 245487 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORC 1.39 330.2 Pn 14:32:53.190 -0.1 T__ 23.0 --- ML 1.6 245489 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.39 330.2 Lg 14:33:12.290 0.6 T__ --- 245488 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
VRAC 1.52 299.6 Pn 14:32:55.716 0.7 T__ 10.0 --- ML 1.3 245490 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/22 14:39:48.88 1.74 1.29 46.1065 21.6499 16.0 5.8 115 0.0f 7 4 223 0.49 1.48 sx BUD 18003466 BUD 274

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.0 3 BUD 18003466

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BZS 0.49 182.7 Pg 14:39:58.904 0.3 T__ 81.2 --- ML 1.6 245519 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.49 182.7 Lg 14:40:05.258 -0.5 T__ --- 245518 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 1.00 46.6 Pg 14:40:09.567 0.7 T__ 43.0 --- ML 1.7 245517 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.00 46.6 Lg 14:40:23.189 -0.5 T__ --- 245520 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR 1.06 131.7 Pg 14:40:10.532 1.4 T__ 30.3 --- ML 1.6 245522 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.06 131.7 Lg 14:40:23.168 -0.8 T__ --- 245521 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CJR 1.48 65.1 Sn 14:40:35.140 -1.7 T__ --- 245523 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/23 07:57:49.05 0.42 0.65 47.9884 19.5967 4.5 4.0 89 0.0A 0.0 11 8 136 0.08 1.14 m kx BUD 18003472 BUD 360
2022/08/23 07:57:47.62 0.91 0.73 48.0061 19.6278f 0.0f 11 8 122 0.10 1.12 kx BUD_GT 18003473 BUD_GT 219

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 4 BUD 18003473

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.10 190.5 Pg 07:57:50.651 0.4 T__ 398.6 --- ML 1.2 245684 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.10 190.5 Lg 07:57:51.929 -0.5 T__ --- 245686 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.20 116.0 Pg 07:57:52.349 -0.1 T__ 340.3 --- ML 1.4 245681 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.20 116.0 Lg 07:57:55.307 -1.0 T__ --- 245687 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

ET1H	0.21	127.7	Pg	07:57:52.477	0.1	T__	110.6	---	ML	0.9	245683	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.21	127.7	Lg	07:57:55.909	-0.2	T__		---			245682	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 0.9 magdef=1)															
				(Station ML: 0.9 magdef=1)															
HU02A	0.61	78.7	Pg	07:58:01.095	0.6	T__	39.7	---	ML	1.4	245685	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.4 magdef=1)															
				(Station ML: 1.4 magdef=1)															
VVHS	0.72	313.0	Lg	07:58:12.080	-0.9	T__		---			245688	FDSN	SK	--	BUD	iLoc	HHN	???	_
KECS	0.75	49.9	Lg	07:58:13.369	-0.5	T__		---			245689	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.78	50.9	Lg	07:58:16.457	1.4	T__		---			245690	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
ABAH	1.12	74.4	Sn	07:58:25.711	-0.8	T__		---			245691	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
2022/08/23	08:03:20.30	0.72	0.97	48.2018	18.7744	4.0	3.3	173	0.0f		19	15	67	0.30	1.25	sx	BUD	18003474	BUD			123

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	18003474

Sta	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	0.30	8.0	Pg	08:03:26.549	0.0					T__		98.4		---	ML	1.1	245738	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.30	8.0	Lg	08:03:32.939	1.7					T__				---		245747	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
A338A	0.34	236.7	Lg	08:03:34.663	1.3					T__				---		245748	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
HU10A	0.39	155.2	Lg	08:03:35.823	0.6					T__				---		245749	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SR0	0.50	218.7	Lg	08:03:39.047	0.2					T__				---		245740	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU03A	0.63	118.0	Lg	08:03:43.055	0.0					T__				---		245737	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A337A	0.66	274.1	Lg	08:03:42.953	-1.3					T__				---		245741	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
PSZ	0.80	110.3	Lg	08:03:48.404	-1.2					T__				---		245739	FDSN	GE	--	BUD	iLoc	HHE	???	_	
CSKK	0.91	202.6	Lg	08:03:53.525	0.4					T__				---		245742	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU08A	0.96	216.9	Lg	08:03:54.130	-0.3					T__				---		245744	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	0.99	312.3	Pg	08:03:40.239	-0.2					T__	86.9			---	ML	2.0	245743	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
MODS	1.01	280.3	Lg	08:03:55.587	-0.7					T__				---		245745	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	1.17	93.2	Pn	08:03:44.077	0.0					T__	42.2			---	ML	1.8	245736	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.17	93.2	Sn	08:04:00.876	0.1					T__				---		245735	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
KECS	1.18	75.5	Pg	08:03:44.589	1.0					T__	118.6			---	ML	2.2	245733	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	1.18	75.5	Sn	08:03:59.269	-1.5					T__				---		245734	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=0)																					
JOS	1.21	75.3	Pg	08:03:44.516	0.2					T__	38.5			---	ML	1.8	245732	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.21	75.3	Sn	08:04:00.146	-1.5					T__				---		245731	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
EGYH	1.25	231.6	Sn	08:04:03.350	0.8					T__				---		245746	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2022/08/23 08:24:53.96 0.97 1.08 48.5511 17.4354 10.2 3.5 124 0.0f 7 5 146 0.21 1.22 sx BUD 18003476 BUD 213

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.21	210.7	Pg	08:24:58.603	-0.1					T__						245790	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.21	210.7	Lg	08:25:01.981	-0.6					T__						245791	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.35	26.7	Pg	08:25:01.908	0.5					T__		93.4			ML	1.2	245792	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.35	26.7	Lg	08:25:05.724	-1.6					T__						245794	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
VYHS	0.93	93.0	Lg	08:25:26.310	0.0					T__						245795	FDSN	SK	--	BUD	iLoc	HHE	???	_	
RONA	1.14	222.3	Pg	08:25:17.656	1.1					T__						245796	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
CONA	1.22	239.9	Pg	08:25:18.697	0.7					T__		48.9			ML	1.9	245793	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/08/23 08:28:06.46 0.96 1.04 47.3499 18.3622 6.3 5.0 120 0.0f 12 9 108 0.07 1.19 sx BUD 18003478 BUD 122

Magnitude Err Nsta Author OrigID  
ML 1.7 0.0 3 BUD 18003478

Sta	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	280.9	Pg	08:28:08.435	-0.1					T__		1463.9			_c ML	1.7	245824	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	280.9	Lg	08:28:10.298	-0.4					T__						245830	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU09A	0.29	2.7	Lg	08:28:17.419	-0.7					T__						245823	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.31	285.5	Pg	08:28:14.972	1.8					T__		92.1			ML	1.1	245825	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.31	285.5	Lg	08:28:17.930	-0.8					T__						245831	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MPLH	0.59	252.5	Pg	08:28:19.647	1.1					T__		67.2			ML	1.7	245826	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.59	252.5	Lg	08:28:25.891	-1.7					T__						245832	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A266A	0.83	184.7	Lg	08:28:34.821	-0.4					T__						245833	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.15	62.0	Sn	08:28:45.867	-0.4					T__						245828	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.15	170.2	Sn	08:28:45.940	-0.3					T__						245829	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.18	60.7	Sn	08:28:46.957	-0.2					T__						245834	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.19	15.4	Sn	08:28:46.597	-0.7					T__						245827	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  
2022/08/23 08:42:11.39 1.41 0.65 48.5414 20.7794 10.2 3.8 10 0.0f 13 7 219 0.17 1.29 sx BUD 18003480 BUD 293

Magnitude Err Nsta Author OrigID  
ML 1.3 0.2 6 BUD 18003480

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

JOS	0.17	254.1	Pg	08:42:14.936	0.0	T__	274.0	___	ML	1.2	245866	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	254.1	Lg	08:42:18.551	0.8	T__		---			245867	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
KECS	0.20	253.5	Pg	08:42:15.173	-0.5	T__	764.6	___	ML	1.8	245869	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	253.5	Lg	08:42:19.519	0.5	T__		---			245868	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
ABAH	0.39	128.5	Pg	08:42:19.519	0.0	T__	49.0	___	ML	1.1	245872	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	128.5	Lg	08:42:26.530	0.2	T__		---			245873	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=0)																			
HU02A	0.45	202.1	Pg	08:42:20.687	-0.3	T__	41.4	___	ML	1.2	245871	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	202.1	Lg	08:42:27.626	-0.8	T__		---			245870	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
PSZ	0.86	223.8	Pg	08:42:29.963	0.4	T__	50.6	___	ML	1.7	245875	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	223.8	Lg	08:42:42.452	-0.0	T__		---			245874	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ET1H	0.90	222.8	Pg	08:42:30.401	0.2	T__	30.8	___	ML	1.5	245876	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	222.8	Lg	08:42:44.643	1.3	T__		---			245877	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
VYHS	1.29	268.6	Sn	08:42:53.992	-0.8	T__		---			245878	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
2022/08/23	08:55:14.07	0.96	1.33	46.1625	18.2996	6.9	3.3	155	0.0f		10	8	156	0.16	0.83	sx	BUD	18003482	BUD			224

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.16	241.9	Pg	08:55:18.076	0.2					T__		799.7		_c	ML	1.6	245943	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	241.9	Lg	08:55:19.972	-1.0					T__				---		245938	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	0.24	77.5	Pg	08:55:20.121	0.6					T__		258.6		_c	ML	1.4	245944	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.24	77.5	Lg	08:55:22.641	-1.3					T__				---		245935	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A266A	0.36	356.2	Lg	08:55:27.050	-0.9					T__				---		245939	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
A273A	0.42	234.0	Lg	08:55:28.975	0.2					T__				---		245941	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
A265A	0.44	307.0	Lg	08:55:28.579	-1.4					T__				---		245940	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
A264A	0.70	270.1	Lg	08:55:38.319	0.1					T__				---		245942	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.79	9.1	Lg	08:55:42.803	-0.4					T__				---		245936	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A263A	0.83	305.4	Lg	08:55:45.334	2.5					T__				---		245937	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/23	09:03:06.38	0.56	0.60	48.0721	20.7351	6.5	3.5	152	0.0A	0.0	12	8	195	0.15	1.38	m	kx	BUD	18003484	BUD			360
2022/08/23	09:03:04.83	0.92	1.03	48.0471	20.6805f				0.0f		12	8	196	0.13	1.40		kx	BUD_GT	18003485	BUD_GT			263

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 4 BUD 18003485

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	305.8	Pg	09:03:07.961	-0.1					T__		645.9		___	ML	1.5	245972	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	09:03:10.992	0.1					T__				---		245980	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
ABAH	0.45	56.1	Pg	09:03:14.881	0.8					T__		72.5		---	ML	1.4	245977	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.45	56.1	Lg	09:03:19.026	-2.9					T__				---		245981	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	0.46	343.5	Pg	09:03:14.534	0.4					T__		243.6		---	ML	2.0	245974	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	343.5	Lg	09:03:20.943	-0.2					T__				---		245973	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
JOS	0.46	348.2	Pg	09:03:14.388	0.3					T__		146.1		---	ML	1.7	245975	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	09:03:20.760	-0.5					T__				---		245976	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
PSZ	0.54	256.6	Lg	09:03:25.698	0.4					T__				---		245982	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	0.57	253.1	Lg	09:03:26.124	0.4					T__				---		245979	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	1.31	290.6	Sn	09:03:48.465	-0.3					T__				---		245978	FDSN	SK	--	BUD	iLoc	HNN	???	_	
NIE	1.40	349.7	Sn	09:03:49.941	-1.2					T__				---		245983	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
2022/08/23	10:54:25.21	0.92	1.16	47.5462	18.5156	6.5	3.9	109	0.0f		8	6	92	0.13	1.33	sx	BUD	18003486	BUD			149

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.13	315.8	Pg	10:54:29.029	0.7					T__		1012.2		___	ML	1.7	246010	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.13	315.8	Lg	10:54:29.882	-1.3					T__				---		246012	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
CSKK	0.25	223.5	Pg	10:54:31.368	0.6					T__		114.5		---	ML	1.1	246008	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	223.5	Lg	10:54:34.419	-1.2					T__				---		246009	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
HU10A	0.45	48.5	Lg	10:54:41.860	-0.6					T__				---		246011	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
VYHS	0.97	12.7	Lg	10:54:59.335	0.1					T__				---		246013	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU23A	1.18	84.8	Sn	10:55:04.369	-1.3					T__				---		246014	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	1.33	176.2	Sn	10:55:10.318	0.8					T__				---		246015	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
2022/08/23	11:28:09.00	0.91	1.21	48.0035	16.5589	5.8	3.4	145	0.0f		10	6	93	0.35	1.06	sx	BUD	18003488	BUD			150



Magnitude	Err	Nsta	Author	OrigID																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.35	210.3	Pg	11:28:15.374	-0.9					T__						246060	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.35	210.3	Lg	11:28:21.180	0.0					T__						246062	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.47	261.1	Pg	11:28:18.332	-0.2					T__		42.6				246058	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.47	261.1	Lg	11:28:26.475	1.6					T__						246059	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
MODS	0.61	52.1	Pg	11:28:19.913	-1.7					T__						246067	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.61	52.1	Lg	11:28:31.405	0.1					T__						246061	FDSN	SK	--	BUD	iLoc	HHE	???	_
EGYH	0.79	138.1	Lg	11:28:36.911	0.4					T__						246063	FDSN	HU	--	BUD	iLoc	HHN	???	_
A337A	0.86	73.3	Pg	11:28:28.344	1.9					T__		408.7				246065	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	0.86	73.3	Lg	11:28:39.446	-0.4					T__						246064	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																								
(Station ML: 2.6 magdef=1)																								
KRUC	1.06	354.2	Lg	11:28:45.540	0.4					T__						246066	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/24	07:39:57.65	0.98	1.20	48.3705	17.4237	5.4	3.9	135	0.0f		11	6	119	0.10	1.14	sx	BUD	18003498	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	3 BUD	18003498

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.10	271.9	Pg	07:40:00.091	-0.2					T__						246275	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.10	271.9	Lg	07:40:01.661	-1.0					T__						246279	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.52	18.4	Pg	07:40:09.628	1.1					T__		169.7				246277	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	18.4	Lg	07:40:15.489	-1.3					T__						246280	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KRUC	0.97	315.8	Pg	07:40:16.049	-0.2					T__		32.2				246276	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.97	315.8	Lg	07:40:29.963	-0.6					T__						246281	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU09A	0.98	138.3	Lg	07:40:31.046	-1.8					T__						246282	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
RONA	1.01	228.8	Pg	07:40:18.040	0.3					T__						246274	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.01	228.8	Lg	07:40:32.391	1.5					T__						246278	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.14	247.6	Pg	07:40:20.085	0.1					T__		34.9				246272	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.14	247.6	Lg	07:40:35.934	1.2					T__						246273	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/24	07:46:25.95	0.77	1.06	47.8571	20.1282	5.8	3.0	163	0.0f		22	13	91	0.17	2.25	sx	BUD	18003500	BUD			153

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	8 BUD	18003500

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

PSZ	0.17	291.4	Pg	07:46:29.872	-0.3	T__	2120.5	___	ML	2.1	246325	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.17	291.4	Lg	07:46:32.629	-1.0	T__		---			246326	FDSN	GE	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
ET1H	0.17	277.4	Pg	07:46:30.073	-0.0	T__	1580.1	___	ML	2.0	246327	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.17	277.4	Lg	07:46:32.939	-0.4	T__		---			246331	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU03A	0.36	277.7	Pg	07:46:34.437	0.7	T__	312.4	___	ML	1.8	246328	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.36	277.7	Lg	07:46:39.567	0.0	T__		---			246329	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
HU02A	0.38	45.0	Pg	07:46:33.998	-0.1	T__	332.5	___	ML	1.9	246330	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.38	45.0	Lg	07:46:40.316	-0.2	T__		---			246332	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KECS	0.67	20.8	Lg	07:46:49.806	0.1	T__		---			246345	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.70	23.1	Pg	07:46:40.463	0.6	T__	131.7	___	ML	2.0	246333	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.70	23.1	Lg	07:46:49.680	-0.8	T__		---			246346	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
ABAH	0.87	59.1	Pg	07:46:41.873	-1.3	T__	118.4	___	ML	2.1	246335	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.87	59.1	Lg	07:46:56.261	-0.9	T__		---			246334	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
VYHS	1.07	306.9	Pg	07:46:47.872	0.2	T__	23.8	___	ML	1.5	246336	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.07	306.9	Lg	07:47:00.800	-2.5	T__		---			246337	FDSN	SK	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
HU09A	1.20	260.1	Sn	07:47:07.504	0.6	T__		---			246338	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
NIE	1.57	4.1	Sn	07:47:18.327	2.2	T__		---			246339	FDSN	PL	--	BUD	iLoc	BHN	???	_
MORH	1.93	212.3	Lg	07:47:30.558	-1.6	T__		---			246340	FDSN	HU	--	BUD	iLoc	HNN	???	_
DRGR	2.06	120.3	Pn	07:47:02.077	0.3	T__	40.1	___	ML	2.2	246343	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	2.06	120.3	Sn	07:47:29.246	1.1	T__		---			246342	FDSN	RO	--	BUD	iLoc	HNN	???	_
DRGR	2.06	120.3	Lg	07:47:34.140	-0.6	T__		---			246341	FDSN	RO	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
KOVH	2.25	218.9	Lg	07:47:41.361	-0.5	T__		---			246344	FDSN	HU	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/24	07:49:52.56	0.83	0.49	48.5572	20.7947	5.9	4.1	174	0.0f	15	10	88	0.18	1.30	sx	BUD	18003502	BUD				160

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18003502

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	250.2	Pg	07:49:56.358	-0.0					T__		183.3		___	ML	1.1	246389	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	250.2	Lg	07:50:00.229	0.8					T__				---		246390	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
KECS	0.22	250.3	Pg	07:49:56.823	-0.3					T__		507.8		___	ML	1.6	246392	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	250.3	Lg	07:50:01.342	0.6					T__				---		246391	FDSN	SK	--	BUD	iLoc	EHN	???	_	

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.40 131.2 Lg 07:50:08.043 0.4 T__ --- 246394 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.47 202.6 Lg 07:50:10.256 0.1 T__ --- 246393 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.88 223.6 Lg 07:50:24.601 0.3 T__ --- 246395 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.92 222.6 Pg 07:50:11.802 0.1 T__ 33.2 --- ML 1.5 246396 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.92 222.6 Lg 07:50:25.059 -0.1 T__ --- 246402 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
NIE 0.92 339.5 Pn 07:50:12.835 0.0 T__ 17.7 --- ML 1.3 246397 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.92 339.5 Lg 07:50:23.462 0.4 T__ --- 246401 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KOLS 1.05 68.4 Lg 07:50:29.016 0.2 T__ --- 246403 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.24 109.5 Pg 07:50:16.617 0.2 T__ 47.1 --- ML 1.9 246400 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.24 109.5 Sn 07:50:34.000 -0.5 T__ --- 246399 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
VYHS 1.30 268.0 Sn 07:50:35.271 -0.9 T__ --- 246398 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
2022/08/24 08:06:51.59 0.37 1.09 46.9919 17.3304 4.1 3.8 159 0.0A 0.0 10 7 135 0.13 1.19 m kx BUD 18003504 BUD 360
2022/08/24 08:06:49.89 0.95 0.87 46.9790 17.3040f 0.0f 10 7 144 0.11 1.20 kx BUD_GT 18003505 BUD_GT 233
(locality : Sümeg Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.9 0.5 3 BUD 18003505

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A261A 0.11 255.8 Pg 08:06:52.367 -0.4 T__ 4106.4 --- ML 2.2 246446 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A261A 0.11 255.8 Lg 08:06:56.968 1.8 T__ --- 246445 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BADH 0.21 146.3 Pg 08:06:55.196 0.6 T__ 1043.6 --- ML 1.9 246447 FDSN HU -- BUD iLoc HHZ HHZ _
BADH 0.21 146.3 Lg 08:06:58.556 0.2 T__ --- 246448 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 0.25 40.0 Pg 08:06:54.558 -1.0 T__ 282.6 --- ML 1.4 246444 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.25 40.0 Lg 08:06:59.926 -0.1 T__ --- 246453 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A263A 0.34 178.7 Lg 08:07:02.632 0.2 T__ --- 246449 FDSN ZJ 00 BUD iLoc HHN ??? _
KOGS 0.90 234.2 Sn 08:07:21.395 -1.4 T__ --- 246450 FDSN SL -- BUD iLoc BHN ??? _
KOVH 1.05 148.1 Lg 08:07:25.173 -0.5 T__ --- 246451 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.20 129.1 Sn 08:07:30.096 -0.0 T__ --- 246452 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
2022/08/24 08:07:54.26 1.03 0.98 48.8866 21.0438 8.6 4.4 146 0.0f 11 7 128 0.51 1.28 sx BUD 18003506 BUD 246

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Magnitude Err Nsta Author OrigID  
ML 1.5 0.0 3 BUD 18003506

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
JOS	0.51	220.7	Pg	08:08:04.945	0.4					T__		58.5		---	ML	1.5 246509	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	220.7	Lg	08:08:12.301	-0.0					T__				---		246501	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
KECS	0.55	222.7	Pg	08:08:04.737	-0.5					T__		159.2		---	ML	2.0 246510	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.55	222.7	Lg	08:08:12.993	-0.5					T__				---		246502	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
NIE	0.72	317.7	Lg	08:08:18.024	-0.2					T__				---		246511	FDSN	PL	--	BUD	iLoc	BHN	???	_
KOLS	0.81	86.2	Pg	08:08:10.294	0.5					T__				---		246504	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.81	86.2	Lg	08:08:20.536	-2.3					T__				---		246503	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	0.84	204.5	Pg	08:08:12.370	0.8					T__		35.3		---	ML	1.5 246505	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	204.5	Lg	08:08:23.650	-0.8					T__				---		246506	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
PSZ	1.24	218.8	Sn	08:08:36.453	0.2					T__				---		246507	FDSN	GE	--	BUD	iLoc	HHE	???	_
ET1H	1.28	218.2	Sn	08:08:37.352	0.2					T__				---		246508	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
2022/08/24	08:56:32.01	0.94	0.69	48.9729	20.2457	22.4	3.5	83	0.0f		11	7	154	0.45	1.28	sx	BUD	18003508	BUD			171

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 4 BUD 18003508

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
NIE	0.45	4.5	Pg	08:56:40.457	-0.1					T__		28.9		---	ML	1.0 246547	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.45	4.5	Lg	08:56:46.396	-0.6					T__				---		246543	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
KECS	0.52	162.0	Pg	08:56:42.416	0.1					T__		109.1		---	ML	1.8 246539	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.52	162.0	Lg	08:56:49.665	-0.4					T__				---		246546	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
JOS	0.52	157.7	Pg	08:56:42.822	0.5					T__		72.3		---	ML	1.6 246544	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	157.7	Lg	08:56:49.866	-0.2					T__				---		246545	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
HU02A	0.87	167.6	Pg	08:56:48.660	-1.2					T__		33.4		---	ML	1.5 246540	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.87	167.6	Lg	08:57:03.158	-0.1					T__				---		246548	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
PSZ	1.08	192.6	Sn	08:57:10.426	0.2					T__				---		246541	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.12	193.0	Sn	08:57:11.740	0.6					T__				---		246542	FDSN	HU	--	BUD	iLoc	HHN	???	_
OJC	1.28	347.0	Sn	08:57:16.044	1.0					T__				---		246549	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2022/08/24 09:06:38.28 0.91 0.66 48.8175 16.1379 4.8 3.9 105 0.0f 18 9 79 0.30 1.57 sx BUD 18003510 BUD 127

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 7 BUD 18003510

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KRUC	0.30	34.6	Pg	09:06:44.460	0.4					T__		94.1			ML	1.1 246676	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.30	34.6	Lg	09:06:47.355	-1.3					T__						246675	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.1 magdef=1)																				
				(Station ML: 1.1 magdef=1)																				
VRAC	0.58	31.2	Pg	09:06:49.557	0.3					T__		15.9			ML	1.0 246666	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.58	31.2	Lg	09:06:57.406	-0.4					T__						246677	FDSN	CZ	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.0 magdef=1)																				
				(Station ML: 1.0 magdef=0)																				
MODS	0.88	120.0	Pg	09:06:56.786	0.7					T__						246679	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.88	120.0	Lg	09:07:08.934	-0.5					T__						246668	FDSN	SK	--	BUD	iLoc	HHN	???	_
CONA	0.91	191.8	Pg	09:06:56.027	-0.2					T__		31.0			ML	1.5 246667	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.91	191.8	Lg	09:07:07.994	-0.1					T__						246678	FDSN	OE	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.5 magdef=1)																				
				(Station ML: 1.5 magdef=1)																				
JAVC	1.01	87.1	Pg	09:06:59.384	0.5					T__		50.7			ML	1.8 246669	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.01	87.1	Lg	09:07:13.155	-1.1					T__						246680	FDSN	CZ	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.8 magdef=1)																				
				(Station ML: 1.8 magdef=1)																				
RONA	1.12	174.5	Pg	09:07:00.214	-0.3					T__						246672	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.12	174.5	Lg	09:07:14.851	-0.2					T__						246681	FDSN	OE	--	BUD	iLoc	HHE	???	_
CKRC	1.21	270.8	Pg	09:07:01.771	0.8					T__		78.9			ML	2.1 246670	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.21	270.8	Lg	09:07:17.100	-0.4					T__						246671	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.1 magdef=1)																				
				(Station ML: 2.1 magdef=0)																				
MORC	1.33	43.2	Pg	09:07:03.813	0.9					T__		32.5			ML	1.8 246673	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.33	43.2	Lg	09:07:21.758	0.3					T__						246682	FDSN	CZ	--	BUD	iLoc	HHE	???	_
				(Reading ML: 1.8 magdef=1)																				
				(Station ML: 1.8 magdef=1)																				
PRU	1.57	318.9	Pg	09:07:08.192	0.2					T__		33.5			ML	1.9 246683	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
PRU	1.57	318.9	Lg	09:07:27.584	-0.6					T__						246674	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.9 magdef=1)																				
				(Station ML: 1.9 magdef=1)																				

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/08/24 09:17:46.65 1.70 0.42 48.5598 20.7912 11.9 8.7 154 0.0f 9 7 160 0.18 1.30 sx BUD 18003512 BUD 294

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
JOS	0.18	249.2	Pg	09:17:50.359	-0.1					T__		129.5			ML	0.9 246717	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	249.2	Lg	09:17:53.755	0.3					T__						246723	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.9 magdef=1)																				
				(Station ML: 0.9 magdef=1)																				
KECS	0.22	249.5	Pg	09:17:50.906	-0.3					T__		223.8			ML	1.3 246718	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	249.5	Lg	09:17:55.106	0.4					T__						246720	FDSN	SK	--	BUD	iLoc	EHN	???	_
				(Reading ML: 1.3 magdef=1)																				

(Station ML: 1.3 magdef=1)

HU02A	0.47	202.2	Lg	09:18:04.327	0.0	T__	---	246719	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.88	223.4	Lg	09:18:18.903	0.5	T__	---	246721	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.92	222.4	Lg	09:18:19.268	-0.0	T__	---	246722	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOLS	1.05	68.6	Lg	09:18:23.579	0.6	T__	---	246724	FDSN	SK	--	BUD	iLoc	HHN	???	_
VVHS	1.30	267.8	Sn	09:18:30.004	-0.2	T__	---	246725	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
2022/08/24	11:57:34.44	0.83	0.49	47.8646	16.0571	9.5	3.8	40	0.0f		8	5	150	0.15	1.51	sx	BUD	18003514	BUD			225

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
CONA	0.15	295.9	Pg	11:57:37.395	-0.2					T__		123.8		---	ML	0.8	246791	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.15	295.9	Lg	11:57:39.695	-0.2					T__				---		246792	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=1)																										
RONA	0.23	135.6	Pg	11:57:39.074	-0.3					T__				---		246793	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.23	135.6	Lg	11:57:42.982	0.2					T__				---		246794	FDSN	OE	--	BUD	iLoc	HHN	???	_		
ARSA	0.71	210.7	Lg	11:57:57.516	0.3					T__				---		246795	FDSN	OE	--	BUD	iLoc	HHN	???	_		
TREC	1.48	345.4	Pn	11:58:02.191	-0.2					T__	104.7			---	ML	2.3	246798	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
TREC	1.48	345.4	Sn	11:58:23.298	0.8					T__				---		246797	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.3 magdef=1)																										
(Station ML: 2.3 magdef=1)																										
CKRC	1.51	310.0	Sn	11:58:23.517	0.4					T__				---		246796	FDSN	CZ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/24	12:09:20.78	0.97	0.46	47.8909	16.0813	5.9	4.0	30	0.0f		7	5	85	0.15	1.19	sx	BUD	18003516	BUD			159

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
CONA	0.15	284.3	Pg	12:09:23.810	-0.2					T__		129.4		---	ML	0.8	246817	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.15	284.3	Lg	12:09:26.841	0.4					T__				---		246821	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=0)																										
RONA	0.24	142.8	Pg	12:09:25.526	-0.3					T__				---		246818	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.24	142.8	Lg	12:09:29.799	0.4					T__				---		246822	FDSN	OE	--	BUD	iLoc	HHN	???	_		
ARSA	0.74	210.7	Lg	12:09:44.808	0.3					T__				---		246819	FDSN	OE	--	BUD	iLoc	HHN	???	_		
MODS	0.94	58.5	Lg	12:09:54.698	0.5					T__				---		246823	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	1.19	10.0	Lg	12:10:01.022	-0.2					T__				---		246820	FDSN	CZ	--	BUD	iLoc	HHE	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/25	07:00:43.01	0.29	0.95	47.8802	19.1067	4.8	2.6	169	0.0A	0.0	15	10	149	0.07	1.37	m	kx	BUD	18003520	BUD			360
2022/08/25	07:00:40.83	0.86	1.00	47.8327	19.1394f				0.0f		15	10	160	0.08	1.42		kx	BUD_GT	18003521	BUD_GT			194

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

ML 1.5 0.1 5 BUD 18003521

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU10A	0.08	278.8	Pg	07:00:42.671	-0.3					T__		1846.5		---	ML	1.8 246897	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	07:00:44.370	-0.6					T__				---		246898	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
HU03A	0.32	76.9	Lg	07:00:53.061	0.1					T__				---		246899	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	0.50	84.3	Pg	07:00:53.271	1.8					T__		32.5		---	ML	1.2 246907	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	07:00:59.707	0.5					T__				---		246900	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
PSZ	0.52	80.1	Lg	07:01:00.328	-0.0					T__				---		246901	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	0.69	343.1	Pg	07:00:54.978	-0.0					T__		13.4		---	ML	1.0 246908	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	07:01:02.665	-2.6					T__				---		246902	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																								
HU08A	0.92	244.4	Lg	07:01:14.205	0.7					T__				---		246903	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.98	72.2	Pn	07:01:00.766	-0.0					T__		30.9		---	ML	1.5 246904	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	07:01:15.131	-1.3					T__				---		246909	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
KECS	1.11	53.7	Sn	07:01:18.968	-0.8					T__				---		246910	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	1.15	54.2	Pn	07:01:03.396	0.3					T__		21.6		---	ML	1.5 246905	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	07:01:20.486	-0.1					T__				---		246906	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
JAVC	1.42	316.9	Sn	07:01:27.894	-0.7					T__				---		246911	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/08/25 07:09:52.49 0.91 1.11 48.2790 21.1927 6.1 4.8 176 0.0f 18 12 110 0.04 1.81 sx BUD 18003522 BUD 124

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.2 6 BUD 18003522

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.04	61.3	Pg	07:09:53.353	-0.5					T__		15927.0		---	ML	2.6 246952	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.04	61.3	Lg	07:09:55.216	0.0					T__				---		246953	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0)																								
HU02A	0.47	250.9	Pg	07:10:01.679	-0.9					T__		66.3		---	ML	1.4 246957	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	250.9	Lg	07:10:09.494	-0.8					T__				---		246958	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
JOS	0.49	296.7	Pg	07:10:02.519	0.2					T__		57.0		---	ML	1.4 246954	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	296.7	Lg	07:10:09.750	-0.1					T__				---		246955	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
KECS	0.51	293.7	Pg	07:10:03.250	0.4					T__		170.9		---	ML	2.0 246956	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.51	293.7	Lg	07:10:10.079	-0.7					T__				---		246962	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								

HU05A	0.73	183.0	Lg	07:10:19.474	-0.1	T__									246963	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU23A	0.90	225.1	Lg	07:10:25.476	0.6	T__									246964	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
TRPA	0.91	98.9	Lg	07:10:23.152	-2.0	T__									246959	FDSN	HU	--	BUD	iLoc	HHN	???	_		
PSZ	0.94	248.0	Pg	07:10:11.958	-0.4	T__				64.5					ML	1.8	246966	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.94	248.0	Lg	07:10:25.251	-1.2	T__										246965	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOLS	0.97	47.2	Lg	07:10:25.720	-1.1	T__									246969	FDSN	SK	--	BUD	iLoc	HHN	???	_		
ET1H	0.97	246.2	Pg	07:10:12.197	-0.6	T__				38.7					ML	1.6	246961	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	246.2	Lg	07:10:26.804	-0.3	T__										246960	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU24A	1.37	181.0	Sn	07:10:40.147	2.5	T__									246967	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
DRGR	1.81	144.8	Sn	07:10:50.151	1.5	T__										246968	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/25	07:15:48.45	3.36	0.51	46.8942	22.8456	26.5	12.4	169	0.0f	6	4	293	0.14	1.58	sx	BUD	18003524	BUD				319

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.14	222.0	Pg	07:15:51.545	-0.0					T__		191.9			ML	1.0	246996	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.14	222.0	Lg	07:15:54.157	-0.1					T__						246997	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
GZR	1.50	181.9	Pn	07:16:16.743	0.0					T__		29.6			ML	1.8	246999	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.50	181.9	Sn	07:16:37.048	0.0					T__						246998	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	1.54	214.2	Lg	07:16:39.689	0.9					T__						247001	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.58	155.7	Sn	07:16:38.947	-0.1					T__						247000	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/25	09:49:19.35	0.76	1.09	48.7636	18.7194	5.5	3.1	29	0.0f	20	13	138	0.28	1.94	sx	BUD	18003530	BUD				183

Magnitude Err Nsta Author OrigID  
ML 1.7 0.0 7 BUD 18003530

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.28	163.9	Pg	09:49:25.124	-0.1					T__		104.3			ML	1.1	247167	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.28	163.9	Lg	09:49:30.839	1.3					T__						247169	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
JAVC	0.70	278.2	Pg	09:49:33.925	0.2					T__		63.0			ML	1.7	247165	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.70	278.2	Lg	09:49:43.931	-0.7					T__						247164	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A338A	0.79	198.2	Lg	09:49:47.386	-0.6					T__						247170	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	1.03	248.4	Pg	09:49:40.389	0.2					T__						247162	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.03	248.4	Lg	09:49:53.499	-2.3					T__						247163	FDSN	SK	--	BUD	iLoc	HHN	???	_	



HU03A	1.04	145.3	Pg	09:49:40.591	-0.3	T__	86.3	---	ML	2.0	247172	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.04	145.3	Lg	09:49:55.637	-0.4	T__		---			247171	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
PSZ	1.15	136.7	Pn	09:49:42.767	-0.1	T__	51.6	---	ML	1.9	247173	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.15	136.7	Sn	09:49:59.127	-0.2	T__		---			247174	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
ET1H	1.17	138.6	Sn	09:49:59.180	-0.5	T__		---			247175	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	1.24	101.8	Pg	09:49:44.271	0.6	T__	30.3	---	ML	1.7	247177	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.24	101.8	Lg	09:49:59.974	-1.2	T__		---			247176	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MORC	1.27	323.2	Pn	09:49:44.715	0.2	T__	39.1	---	ML	1.8	247178	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.27	323.2	Lg	09:50:00.564	-0.2	T__		---			247179	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
HU02A	1.36	117.4	Pn	09:49:45.533	-0.1	T__	27.0	---	ML	1.7	247180	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
CSKK	1.43	192.6	Sn	09:50:06.019	-0.1	T__		---			247181	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	1.44	202.1	Sn	09:50:06.719	0.6	T__		---			247166	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
RONA	1.94	237.6	Sn	09:50:21.765	3.1	T__		---			247168	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/25	09:53:57.53	1.13	1.35	48.9277	21.3811	9.5	4.8	157	0.0f		9	6	144	0.59	0.99	sx	BUD	18003532	BUD			243

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	3 BUD	18003532

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOLS	0.59	89.1	Pg	09:54:09.275	0.4					T__						247220	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ABAH	0.64	188.5	Lg	09:54:20.033	-0.9					T__						247219	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.71	232.5	Pg	09:54:12.489	1.0					T__	50.1				ML	1.6	247214	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.71	232.5	Lg	09:54:22.678	0.6					T__						247222	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.74	233.5	Pg	09:54:13.146	0.9					T__	127.0				ML	2.0	247215	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.74	233.5	Lg	09:54:22.897	-0.4					T__						247221	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
NIE	0.86	305.1	Lg	09:54:24.394	-1.7					T__						247218	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.99	215.5	Pg	09:54:17.017	-0.7					T__	32.5				ML	1.6	247216	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	215.5	Lg	09:54:30.237	-2.1					T__						247217	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/08/26	05:28:08.40	1.36	0.94	45.5298	16.0771	27.0	8.0	29	0.2		6.9	12	7	169	0.30	1.45	ke	BUD	18003540	BUD			277

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 5 BUD 18003540

Sta	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	0.30	348.0	Pg	05:28:15.256	0.6					T__		897.8		___	ML	2.1 247419	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.30	348.0	Lg	05:28:19.771	0.7					T__				---		247413	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
PTJ	0.38	348.6	Pg	05:28:15.134	-1.4					T__		98.6		___	ML	1.4 247414	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.38	348.6	Lg	05:28:21.501	-1.0					T__				---		247415	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
CRES	0.53	304.5	Pg	05:28:18.456	-0.2					T__		36.7		___	ML	1.3 247421	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.53	304.5	Lg	05:28:25.878	-0.5					T__				---		247420	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																								
KOGS	0.93	7.4	Pg	05:28:26.484	-0.3					T__		97.2		___	ML	2.0 247416	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.93	7.4	Lg	05:28:40.048	1.0					T__				---		247417	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
BEHE	1.06	27.1	Lg	05:28:44.062	0.0					T__				---		247418	FDSN	HU	--	BUD	iLoc	HHN	???	_
BLY	1.11	134.5	Lg	05:28:43.854	-0.0					T__				---		247422	FDSN	MN	--	BUD	iLoc	HHN	???	_
OBKA	1.45	313.2	Pn	05:28:36.292	0.4					T__		35.9		___	ML	1.9 247424	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.45	313.2	Lg	05:28:56.465	1.4					T__				---		247423	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/08/26 10:11:24.19 0.82 0.51 48.5465 20.9055 5.5 3.6 12 0.0f 19 11 90 0.25 1.38 sx BUD 18003548 BUD 157

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 8 BUD 18003548

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.25	258.4	Pg	10:11:29.623	0.3					T__		391.9		___	ML	1.6 247673	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.25	258.4	Lg	10:11:34.187	0.9					T__				---		247674	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
KECS	0.29	257.4	Pg	10:11:29.573	-0.5					T__		485.1		___	ML	1.8 247676	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.29	257.4	Lg	10:11:34.905	0.3					T__				---		247675	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
ABAH	0.34	138.3	Pg	10:11:31.351	0.2					T__		89.3		___	ML	1.2 247662	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.34	138.3	Lg	10:11:37.559	0.4					T__				---		247663	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
HU02A	0.49	211.0	Pg	10:11:34.468	-0.2					T__		63.3		___	ML	1.5 247677	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	211.0	Lg	10:11:42.648	0.0					T__				---		247678	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
PSZ	0.92	227.5	Pg	10:11:43.767	0.1					T__		51.9		___	ML	1.7 247664	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.92	227.5	Lg	10:11:56.987	-0.4					T__				---		247680	FDSN	GE	--	BUD	iLoc	HHN	???	_

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 0.96 335.6 Pn 10:11:45.082 0.1 T__ 21.9 ___ ML 1.4 247667 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.96 335.6 Lg 10:11:56.402 0.5 T__ ___ 247679 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.96 226.4 Pg 10:11:44.096 -0.2 T__ 34.0 ___ ML 1.6 247665 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.96 226.4 Lg 10:11:58.703 0.4 T__ ___ 247666 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOLS 0.98 66.3 Lg 10:11:58.046 -0.5 T__ ___ 247669 FDSN SK -- BUD iLoc HHN ??? _
HU03A 1.08 234.1 Pn 10:11:46.762 0.1 T__ 58.3 ___ ML 1.9 247668 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.08 234.1 Sn 10:12:02.446 0.1 T__ ___ 247671 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
TRPA 1.17 110.3 Sn 10:12:03.243 -1.1 T__ ___ 247672 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.38 268.6 Sn 10:12:08.819 -0.8 T__ ___ 247670 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
2022/08/27 00:39:59.71 0.77 0.81 45.8843 16.0074 6.6 4.1 153 4.5 5.1 21 13 67 0.04 1.87 ke BUD 18003554 BUD 118

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 7 BUD 18003554

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PTJ 0.04 309.5 Pg 00:40:00.867 -0.4 T__ 2079.3 ___ ML 1.7 247821 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.04 309.5 Lg 00:40:02.127 -0.5 T__ ___ 247820 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ZAG 0.06 194.0 Pg 00:40:01.396 0.1 T__ 11212.9 ___ ML 2.5 247822 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.06 194.0 Lg 00:40:03.368 0.9 T__ ___ 247823 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
CRES 0.39 261.6 Pg 00:40:07.317 -0.0 T__ 61.3 ___ ML 1.2 247824 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 261.6 Lg 00:40:13.696 0.6 T__ ___ 247834 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KOGS 0.59 16.6 Pg 00:40:10.827 -0.5 T__ 97.0 ___ ML 1.8 247818 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.59 16.6 Lg 00:40:19.555 0.5 T__ ___ 247835 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BEHE 0.79 42.0 Pg 00:40:15.100 -0.4 T__ 123.8 ___ ML 2.0 247817 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.79 42.0 Lg 00:40:26.676 0.7 T__ ___ 247836 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A264A 0.93 72.4 Pg 00:40:17.903 -0.0 T__ 80.6 ___ ML 1.9 247825 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A264A 0.93 72.4 Lg 00:40:30.967 0.6 T__ ___ 247819 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
OBKA 1.19 302.2 Pn 00:40:22.855 -0.3 T__ 30.4 ___ ML 1.6 247826 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.19 302.2 Sn 00:40:39.297 -0.5 T__ ___ 247827 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1

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(Station ML: 1.6 magdef=1

A265A	1.36	65.9	Lg	00:40:44.598	0.9	T__	---	247837	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A265A	1.36	65.9	Sg	00:40:45.182	1.5	T__	---	247828	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BLY	1.41	143.4	Sn	00:40:44.841	-0.1	T__	---	247830	FDSN	MN	--	BUD	iLoc	HHN	???	_
ARSA	1.41	346.4	Lg	00:40:45.015	0.5	T__	---	247829	FDSN	OE	--	BUD	iLoc	HHN	???	_
KOVH	1.47	81.3	Lg	00:40:46.964	-0.3	T__	---	247831	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.83	6.1	Lg	00:40:59.849	1.4	T__	---	247832	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORH	1.87	78.8	Lg	00:40:58.009	-1.6	T__	---	247833	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
2022/08/27	02:01:20.84	1.04	0.55	48.8816	21.7734	9.8	5.7	156	10.1	0.5	9	6	141	0.33	1.13	ke	BUD	18003556	BUD			206

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.33	80.9	Pg	02:01:27.434	-0.1					T__						247888	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.33	80.9	Lg	02:01:33.423	0.2					T__						247889	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.68	211.4	Lg	02:01:45.299	0.7					T__						247893	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.90	245.2	Pg	02:01:38.393	0.1					T__		17.4		---	ML	1.2	247891	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.90	245.2	Lg	02:01:50.918	-0.0					T__						247890	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1																									
(Station ML: 1.2 magdef=1																									
TRPA	0.91	145.6	Pg	02:01:38.268	0.1					T__		22.8		---	ML	1.4	247895	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.91	145.6	Lg	02:01:51.655	0.1					T__						247887	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1																									
(Station ML: 1.4 magdef=1																									
NIE	1.11	299.6	Sn	02:01:58.229	0.5					T__						247894	FDSN	PL	--	BUD	iLoc	BHE	???	_	
HU02A	1.13	228.0	Sn	02:01:57.404	-0.8					T__						247892	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/28	01:27:17.76	1.11	0.37	46.2581	22.4869	9.2	4.6	94	13.1	14.7	9	6	152	0.47	1.21	ke	BUD	18003560	BUD			209

Magnitude Err Nsta Author OrigID  
ML 1.4 0.0 4 BUD 18003560

Sta	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	0.47	142.1	Pg	01:27:27.206	0.2					T__		56.0		---	ML	1.4	248040	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.47	142.1	Lg	01:27:33.578	-0.2					T__						248041	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1																									
(Station ML: 1.4 magdef=1																									
DRGR	0.56	16.1	Pg	01:27:29.324	0.2					T__		35.8		_c_	ML	1.4	248036	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.56	16.1	Lg	01:27:36.774	-0.5					T__						248037	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1																									
(Station ML: 1.4 magdef=1																									
BZS	0.88	223.7	Lg	01:27:46.282	-0.3					T__						248042	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.89	166.7	Pg	01:27:34.977	0.1					T__		25.9		---	ML	1.4	248043	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1																									
(Station ML: 1.4 magdef=1																									
CJR	0.89	58.9	Pg	01:27:35.386	0.1					T__		41.2		---	ML	1.6	248038	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	0.89	58.9	Lg	01:27:47.455	-0.4					T__						248039	FDSN	RO	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 LOT 1.21 131.6 Sn 01:27:56.790 0.1 T\_\_ --- 248044 FDSN RO -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/28	07:37:46.66	1.66	1.10	46.0600	17.2174	14.2	5.7	31	12.0f	9	5	213	0.11	1.00	ke	BUD	18003562	BUD				279

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.2 4 BUD 18003562

Sta	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	0.11	26.8	Pg	07:37:49.176	-0.8					T__		709.6		_d	ML	1.5	248087	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.11	26.8	Lg	07:37:52.311	-0.0					T__				---		248088	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
A263A	0.58	6.6	Pg	07:37:58.422	0.1					T__		121.6		---	ML	1.9	248089	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.58	6.6	Lg	07:38:06.873	0.4					T__				---		248090	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
KOVH	0.62	87.0	Pg	07:37:59.251	0.3					T__		23.6		---	ML	1.2	248085	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.62	87.0	Lg	07:38:08.965	1.6					T__				---		248086	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
KOGS	0.78	300.4	Lg	07:38:13.118	1.3					T__				---		248091	FDSN	SL	--	BUD	iLoc	BHN	???	_	
MORH	1.00	80.6	Pg	07:38:05.460	-0.6					T__		14.2		---	ML	1.2	248093	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.00	80.6	Lg	07:38:19.026	-1.4					T__				---		248092	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/29	08:15:56.92	0.97	1.14	47.0832	17.9367	6.5	4.1	62	0.0f	8	6	112	0.19	1.00	sx	BUD	18003566	BUD				169

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 3 BUD 18003566

Sta	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	189.3	Pg	08:16:00.676	-0.5					T__		658.8		---	ML	1.6	248235	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
MPLH	0.28	287.9	Pg	08:16:03.317	0.1					T__		259.8		---	ML	1.5	248234	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.28	287.9	Lg	08:16:08.132	-0.1					T__				---		248239	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU08A	0.35	358.6	Lg	08:16:10.065	-0.5					T__				---		248240	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.36	38.1	Lg	08:16:11.755	0.7					T__				---		248241	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.00	150.5	Pg	08:16:16.168	-0.6					T__		19.2		---	ML	1.3	248237	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.00	150.5	Lg	08:16:32.837	1.5					T__				---		248236	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
KOVH	1.00	173.5	Lg	08:16:33.546	1.7					T__				---		248238	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
2022/08/29	08:18:35.35	3.93	0.47	48.4756	20.7703	23.0	11.6	82	0.0f	6	4	307	0.15	0.85	sx	BUD	18003568	BUD				313

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.15	277.6	Pg	08:18:38.496	-0.2					T__		190.2		___	ML	1.0	248279	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	277.6	Lg	08:18:41.215	-0.1					T__				---		248281	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.19	272.4	Pg	08:18:39.780	0.4					T__		264.1		___	ML	1.2	248280	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.19	272.4	Lg	08:18:42.545	0.0					T__				---		248282	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.81	226.7	Lg	08:19:04.063	-0.7					T__				---		248283	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.85	225.6	Lg	08:19:05.741	0.1					T__				---		248284	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
2022/08/29	10:04:25.24	0.87	0.62	46.1135	18.0915	4.4	3.1	109	0.0f	12	7	92	0.03	1.12	sx	BUD	18003570	BUD				149

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	5 BUD	18003570

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	167.0	Pg	10:04:26.439	0.0					T__		3537.5		___	ML	1.9	248313	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	167.0	Lg	10:04:27.764	-0.1					T__				---		248318	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A273A	0.28	224.3	Pg	10:04:31.537	0.3					T__		1116.3		___	ML	2.1	248319	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.28	224.3	Lg	10:04:35.492	0.0					T__				---		248314	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
MORH	0.40	75.0	Pg	10:04:33.722	0.1					T__		89.6		___	ML	1.4	248315	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.40	75.0	Lg	10:04:40.559	0.4					T__				---		248316	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
A266A	0.43	16.2	Pg	10:04:34.187	-0.2					T__		307.2		___	ML	2.0	248317	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.43	16.2	Lg	10:04:42.076	0.8					T__				---		248320	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU22A	0.75	73.1	Lg	10:04:53.076	0.1					T__				---		248322	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BEHE	0.98	291.8	Lg	10:04:57.635	-0.7					T__				---		248323	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.12	340.4	Pg	10:04:48.481	0.6					T__		61.3		___	ML	1.9	248321	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.12	340.4	Sn	10:05:03.127	-1.3					T__				---		248324	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/08/29 11:02:19.82 2.55 0.21 48.4102 20.7053 19.9 4.5 76 0.0f 7 4 254 0.14 0.73 sx BUD 18003572 BUD 280

Magnitude Err Nsta Author OrigID  
ML 1.0 0.0 3 BUD 18003572

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.14	307.8	Pg	11:02:22.939	0.1					T__		234.7		---	ML	1.1 248351	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.14	307.8	Lg	11:02:25.074	-0.2					T__				---		248352	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
KECS	0.16	296.6	Pg	11:02:23.455	0.1					T__		188.6		---	ML	1.0 248354	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.16	296.6	Lg	11:02:26.024	-0.1					T__				---		248353	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
HU02A	0.31	202.7	Pg	11:02:26.722	0.1					T__		32.2		---	ML	0.7 248355	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.31	202.7	Lg	11:02:31.800	-0.2					T__				---		248356	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=1)																					
PSZ	0.73	228.1	Lg	11:02:46.754	0.2					T__				---		248357	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/08/29 11:20:55.18 0.92 0.84 47.8334 16.0351 5.9 3.8 34 0.0f 8 5 98 0.15 1.25 sx BUD 18003574 BUD 182

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	309.2	Pg	11:20:58.745	0.3					T__		248.2		---	ML	1.1 248379	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.15	309.2	Lg	11:21:00.950	0.2					T__				---		248381	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
RONA	0.22	127.1	Pg	11:21:00.445	0.6					T__				---		248380	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.22	127.1	Lg	11:21:02.650	-0.5					T__				---		248386	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.68	210.9	Lg	11:21:16.306	-0.6					T__				---		248382	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.99	56.5	Pg	11:21:16.108	0.8					T__				---		248384	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.99	56.5	Lg	11:21:30.025	-0.5					T__				---		248383	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.25	10.9	Sn	11:21:36.309	-1.2					T__				---		248385	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/08/29 12:05:30.82 0.96 0.41 47.0074 18.8459 23.3 3.6 82 10.0f 6 3 166 0.15 0.80 ke BUD 18003576 BUD 332

Magnitude Err Nsta Author OrigID  
ML 1.3 0.0 3 BUD 18003576

Sta	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	0.15	356.9	Pg	12:05:34.512	-0.0					T__		405.5		---	ML	1.3 248409	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A271A	0.15	356.9	Lg	12:05:37.715	0.1					T__				---		248404	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
A272A	0.28	162.6	Pg	12:05:37.097	0.3					T__		187.9		---	ML	1.3 248407	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A272A	0.28	162.6	Lg	12:05:41.045	-0.6					T__				---		248405	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 0.80 190.1 Pn 12:05:46.580 0.0 T__ 20.9 ___ ML 1.3 248408 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.80 190.1 Lg 12:05:58.308 -0.2 T__ ___ 248406 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/29 22:19:21.36 0.79 0.53 47.8296 16.3164 6.2 4.1 26 8.4 10.5 10 6 112 0.13 1.23 ke BUD 18003578 BUD 166

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Magnitude Err Nsta Author OrigID
ML 1.1 0.9 4 BUD 18003578

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.13 186.0 Pg 22:19:24.584 -0.0 T__ _d_ 248436 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.13 186.0 Lg 22:19:26.186 -0.8 T__ ___ 248437 FDSN OE -- BUD iLoc HHN ??? _
SOP 0.22 131.8 Pg 22:19:26.491 0.4 T__ 27.9 ___ ML 0.4 248439 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.22 131.8 Lg 22:19:29.745 0.3 T__ ___ 248438 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
CONA 0.32 288.1 Pg 22:19:28.322 0.2 T__ 23.8 ___ ML 0.6 248440 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.32 288.1 Lg 22:19:33.152 0.5 T__ ___ 248441 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
A002B 0.57 19.1 Pg 22:19:32.458 -0.1 T__ 214.6 ___ ML 2.1 248442 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ARSA 0.79 223.1 Lg 22:19:47.280 0.6 T__ ___ 248443 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.23 2.4 Pn 22:19:44.535 -0.4 T__ 23.0 ___ ML 1.5 248445 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.23 2.4 Sn 22:20:01.390 -0.3 T__ ___ 248444 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/30 06:03:40.56 0.95 1.07 47.2998 17.6588 8.4 3.4 137 0.0f 8 6 115 0.15 1.37 sx BUD 18003582 BUD 201

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MPLH 0.15 212.1 Pg 06:03:44.589 0.3 T__ 336.6 ___ ML 1.3 248515 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.15 212.1 Lg 06:03:47.054 -0.4 T__ ___ 248516 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU08A 0.22 53.8 Pg 06:03:46.451 0.9 T__ 374.8 ___ ML 1.5 248518 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.22 53.8 Lg 06:03:49.446 -0.5 T__ ___ 248517 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.41 81.0 Lg 06:03:55.907 -0.7 T__ ___ 248519 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.60 55.1 Lg 06:04:01.045 -1.9 T__ ___ 248520 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 1.25 165.8 Sn 06:04:23.133 0.3 T__ ___ 248521 FDSN HU -- BUD iLoc HHN ??? _

```



CONA 1.37 298.0 Lg 06:04:24.472 -0.6 T\_\_ --- 248522 FDSN OE -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/08/30 07:58:09.24 1.27 0.73 48.9354 19.4067 8.4 5.7 162 0.0f 9 7 143 0.58 1.15 sx BUD 18003584 BUD 213

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VVHS	0.58	220.8	Lg	07:58:30.346	0.8					T__						248552	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.76	50.1	Lg	07:58:35.167	0.7					T__						248548	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KECS	0.85	121.9	Pg	07:58:25.836	-0.2					T__	65.8			---	ML	1.8	248547	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.85	121.9	Lg	07:58:38.600	0.0					T__						248546	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.87	120.0	Pg	07:58:26.238	-0.2					T__		23.6		---	ML	1.4	248544	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.87	120.0	Lg	07:58:39.531	0.2					T__						248545	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	1.07	162.1	Sn	07:58:47.740	0.6					T__						248550	FDSN	GE	--	BUD	iLoc	HHN	???	_	
HU02A	1.10	137.2	Lg	07:58:46.784	-0.5					T__						248549	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	1.15	266.8	Sn	07:58:47.958	-1.1					T__						248551	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/08/30 08:15:00.17 1.78 1.05 48.1848 19.9783 14.9 4.3 134 0.0f 7 4 216 0.27 0.49 sx BUD 18003586 BUD 266

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ML	1.5	0.2																							
PSZ	0.27	192.0	Pg	08:15:07.321	0.9					T__		293.2		---	ML	1.5	248573	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.27	192.0	Lg	08:15:10.572	-0.7					T__						248574	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.31	193.3	Pg	08:15:07.468	0.3					T__	293.0			---	ML	1.6	248575	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	193.3	Lg	08:15:10.846	-1.4					T__						248578	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.37	99.5	Pg	08:15:07.942	-0.3					T__	58.0			---	ML	1.1	248576	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.37	99.5	Lg	08:15:15.356	0.9					T__						248577	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.49	50.1	Lg	08:15:17.064	-0.5					T__						248579	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/08/30 08:25:31.95 1.02 1.33 48.9163 19.3115 6.7 4.4 174 0.0f 11 9 104 0.53 1.44 sx BUD 18003588 BUD 169

Magnitude Err Nsta Author OrigID

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

VYHS	0.53	216.9	Pg	08:25:42.872	0.2	T__				13.7	___	ML	0.9	248608	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.53	216.9	Lg	08:25:51.454	1.0	T__					---			248609	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																						
(Station ML: 0.9 magdef=1)																						
NIE	0.82	51.9	Lg	08:25:59.628	0.5	T__					---			248610	FDSN	PL	--	BUD	iLoc	BHN	???	_
KECS	0.89	118.7	Lg	08:26:01.278	-1.5	T__					---			248607	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.92	116.9	Pg	08:25:51.710	1.7	T__				24.2	---	ML	1.4	248606	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	116.9	Lg	08:26:01.533	-2.1	T__					---			248605	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=1)																						
PSZ	1.07	158.5	Sn	08:26:09.739	-0.2	T__					---			248611	FDSN	GE	--	BUD	iLoc	HHN	???	_
JAVC	1.08	267.6	Sn	08:26:09.600	-0.6	T__					---			248612	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ET1H	1.10	160.0	Sn	08:26:10.083	-0.5	T__					---			248613	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	1.13	134.1	Lg	08:26:10.525	-0.5	T__					---			248614	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORC	1.44	307.3	Lg	08:26:17.097	-1.6	T__					---			248615	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/30	08:33:40.22	0.86	0.81	47.8691	16.0531	6.2	3.8	33	0.0f		9	7	84	0.14	1.50	sx	BUD	18003590	BUD			158

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	294.8	Pg	08:33:43.420	0.1					T__		111.9		---	ML	0.7	248636	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	294.8	Lg	08:33:45.356	-0.1					T__				---		248642	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
RONA	0.24	135.9	Pg	08:33:45.027	-0.2					T__				_c_		248638	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	135.9	Lg	08:33:48.898	0.2					T__				---		248637	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.72	210.3	Lg	08:34:03.615	0.5					T__				---		248639	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.96	57.9	Lg	08:34:15.483	0.9					T__				---		248640	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.22	10.7	Sn	08:34:20.158	-1.5					T__				---		248641	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
TREC	1.48	345.5	Sn	08:34:28.587	0.5					T__				---		248643	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.50	309.9	Sn	08:34:28.265	-0.5					T__				---		248644	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/08/30	09:22:37.36	1.00	1.53	48.6243	21.4616	9.5	4.9	175	0.0f		15	9	153	0.36	1.75	sx	BUD	18003592	BUD					217

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD	18003592

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.36	204.3	Lg	09:22:49.630	-1.5					T__				---		248728	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
KOLS	0.62	59.8	Lg	09:22:55.780	-3.7					T__				---		248726	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.63	258.5	Pg	09:22:49.811	-0.0					T__		68.6		---	ML	1.7	248722	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	258.5	Lg	09:22:58.575	-0.7					T__				---		248723	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.66	258.1	Pg	09:22:50.395	-0.2					T__		148.4		---	ML	2.0	248720	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.66	258.1	Lg	09:23:00.474	-0.1					T__				---		248721	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									

```

(Station ML: 2.0 magdef=0
HU02A 0.80 231.5 Pg 09:22:53.901 -0.0 T__ 51.1 --- ML 1.7 248719 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.80 231.5 Lg 09:23:05.066 -1.3 T__ --- 248729 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 0.87 124.1 Pg 09:22:55.387 1.1 T__ 91.2 --- ML 1.9 248727 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 124.1 Lg 09:23:06.814 -1.8 T__ --- 248730 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.26 236.6 Pn 09:23:02.154 -0.2 T__ 43.2 --- ML 1.8 248724 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.26 236.6 Sn 09:23:19.417 -0.6 T__ --- 248731 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 1.30 235.5 Pn 09:23:03.377 0.6 T__ 25.5 --- ML 1.6 248733 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.30 235.5 Sn 09:23:20.683 -0.1 T__ --- 248732 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.75 266.7 Pn 09:23:11.101 2.1 T__ 12.1 --- ML 1.6 248725 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/30 14:37:50.10 0.43 0.21 48.0724 19.6134 4.8 4.2 52 0.0A 0.0 9 6 126 0.17 0.75 m kx BUD 18003598 BUD 360
2022/08/30 14:37:49.33 0.93 1.80 48.0061 19.6278f 0.0f 9 6 122 0.10 0.78 kx BUD_GT 18003599 BUD_GT 220
(locality : Nagyl6c Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.2 0.3 3 BUD 18003599

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.10 190.5 Pg 14:37:53.134 1.2 T__ 417.4 --- ML 1.2 248874 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.10 190.5 Lg 14:37:55.080 1.0 T__ --- 248876 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.20 116.0 Pg 14:37:54.852 0.7 T__ 350.2 --- ML 1.4 248878 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.20 116.0 Lg 14:37:57.340 -0.7 T__ --- 248879 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.21 127.7 Pg 14:37:54.978 0.8 T__ 82.0 --- ML 0.8 248875 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.21 127.7 Lg 14:37:58.426 0.6 T__ --- 248877 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
HU02A 0.61 78.7 Lg 14:38:09.723 -2.3 T__ --- 248880 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.72 313.0 Lg 14:38:11.667 -3.0 T__ --- 248881 FDSN SK -- BUD iLoc HHE ??? _
JOS 0.78 50.9 Lg 14:38:14.069 -2.7 T__ --- 248882 FDSN ZJ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/08/31 04:38:47.63 0.88 0.68 46.0974 16.6288 4.8 3.3 158 7.4 9.0 21 13 149 0.39 1.41 ke BUD 18003600 BUD 157

```

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 8 BUD 18003600

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
BEHE	0.39	15.2	Pg	04:38:55.225	-0.4					T__		681.4		___	ML	2.2 248925	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.39	15.2	Lg	04:39:01.284	0.2					T__				---		248933	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
KOGS	0.44	323.3	Pg	04:38:55.974	-0.5					T__		201.4		___	ML	1.8 248927	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.44	323.3	Lg	04:39:01.942	-0.3					T__				---		248926	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
A264A	0.46	82.0	Pg	04:38:56.985	-0.2					T__		230.1		___	ML	2.0 248929	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.46	82.0	Lg	04:39:04.157	0.7					T__				---		248934	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
PTJ	0.50	247.8	Pg	04:38:57.653	-0.1					T__		100.8		___	ML	1.7 248931	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.50	247.8	Lg	04:39:04.895	-0.2					T__				---		248932	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
ZAG	0.52	239.1	Lg	04:39:06.223	1.0					T__				---		248935	FDSN	CR	--	BUD	iLoc	BHN	???	_
A263A	0.72	40.9	Lg	04:39:12.865	1.0					T__				---		248928	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A262A	0.77	354.8	Pg	04:39:03.135	0.3					T__		376.5		_d	ML	2.5 248930	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.77	354.8	Lg	04:39:14.099	1.2					T__				---		248936	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0)																								
CRES	0.86	252.0	Pg	04:39:04.485	0.4					T__		53.0		___	ML	1.7 248938	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.86	252.0	Lg	04:39:16.288	-0.6					T__				---		248937	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
A265A	0.87	67.6	Lg	04:39:16.946	0.6					T__				---		248939	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KOVH	1.02	90.0	Pg	04:39:06.205	-1.3					T__		83.5		___	ML	2.0 248941	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.02	90.0	Lg	04:39:21.741	0.8					T__				---		248940	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
MPLH	1.24	30.0	Pg	04:39:11.698	0.2					T__		30.4		___	ML	1.7 248943	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.24	30.0	Sn	04:39:28.185	-0.2					T__				---		248942	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																								
ARSA	1.38	327.0	Lg	04:39:31.374	-0.3					T__				---		248944	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORH	1.41	84.5	Lg	04:39:32.896	0.0					T__				---		248945	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		
2022/08/31	07:27:57.10	0.42	0.55	47.9576	20.3545	7.2	3.0	129	0.0A	0.0	11	6	157	0.20	0.55	m	kx BUD	18003602	BUD			360		
2022/08/31	07:27:55.51	0.92	0.85	47.9590	20.3545f				0.0f		11	6	157	0.20	0.55		kx BUD_GT	18003603	BUD_GT			221		
(locality : Eger-III. Hungary) (GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID  
ML 1.1 0.1 5 BUD 18003603

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

HU02A	0.20	35.0	Pg	07:28:00.262	0.1	T__	183.5	___	ML	1.1	249014	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	07:28:03.115	-0.9	T__		---			249017	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
PSZ	0.31	262.7	Pg	07:28:03.064	0.4	T__	60.7	___	ML	1.0	249020	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	07:28:06.617	-1.4	T__		---			249019	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
HU23A	0.33	192.5	Lg	07:28:07.719	-0.6	T__		---			249021	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
ET1H	0.33	256.4	Pg	07:28:03.505	0.6	T__	22.6	___	ML	0.6	249022	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.33	256.4	Lg	07:28:07.416	-1.0	T__		---			249023	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																			
(Station ML: 0.6 magdef=0)																			
KECS	0.53	9.4	Pg	07:28:07.082	0.8	T__	103.9	___	ML	1.8	249016	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.53	9.4	Lg	07:28:15.447	0.9	T__		---			249018	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
JOS	0.55	12.9	Pg	07:28:07.302	0.7	T__	18.9	___	ML	1.1	249015	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	12.9	Lg	07:28:14.412	-0.7	T__		---			249024	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/31	08:01:57.45	0.93	0.63	48.3923	19.1511	8.7	3.4	23	0.0f		10	6	159	0.23	0.96	sx	BUD	18003604	BUD			306

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.5	4 BUD	18003604

Sta	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	296.0	Pg	08:02:02.548	0.1					T__		50.6		___	ML	0.7	249059	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	296.0	Lg	08:02:06.018	-0.1					T__				---		249060	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
PSZ	0.69	133.3	Pg	08:02:12.569	0.4					T__		31.0		___	ML	1.4	249061	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.69	133.3	Lg	08:02:22.390	-0.3					T__				---		249062	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.70	136.5	Lg	08:02:21.916	-0.9					T__				---		249063	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.89	83.7	Pg	08:02:15.718	0.5					T__		118.5		___	ML	2.1	249057	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.89	83.7	Lg	08:02:27.977	-0.6					T__				---		249064	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	0.93	83.1	Pg	08:02:16.062	0.2					T__		31.6		___	ML	1.5	249056	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.93	83.1	Lg	08:02:29.130	-0.7					T__				---		249065	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.96	105.9	Lg	08:02:32.407	0.7					T__				---		249058	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/08/31	08:18:11.14	2.47	1.16	48.6441	21.4099	15.7	7.2	36	0.0f		9	5	227	0.37	0.91	sx	BUD	18003606	BUD					302

Magnitude Err Nsta Author OrigID  
ML 1.3 0.0 4 BUD 18003606

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.37	198.1	Pg	08:18:19.368	0.6					T__		112.0		---	ML	1.4	249114	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	198.1	Lg	08:18:24.235	-0.9					T__				---		249115	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.60	255.9	Pg	08:18:23.061	0.0					T__		30.8		---	ML	1.3	249108	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	255.9	Lg	08:18:32.548	0.5					T__				---		249110	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.63	255.6	Pg	08:18:24.178	0.3					T__		130.4		---	ML	2.0	249116	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	255.6	Lg	08:18:32.849	-0.5					T__				---		249111	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.79	228.8	Pg	08:18:27.390	-0.0					T__		23.3		---	ML	1.3	249109	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	228.8	Lg	08:18:38.658	-1.0					T__				---		249112	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
TRPA	0.91	123.9	Lg	08:18:41.316	-2.3					T__				---		249113	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	
2022/08/31	08:25:55.97	0.30	1.05	46.8998	17.3862	4.1	3.0	78	0.0A	0.0	12	9	100	0.11	1.11	m	kx BUD	18003608	BUD			360	
2022/08/31	08:25:53.92	0.90	2.36	46.9790	17.3040f				0.0f		12	9	83	0.11	1.20		kx BUD_GT	18003609	BUD_GT			144	
(locality : Sümeg Hungary)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID  
ML 1.9 0.6 3 BUD 18003609

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.11	255.8	Pg	08:25:58.982	2.2					T__		6883.5		---	ML	2.4	249176	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.11	255.8	Lg	08:26:01.946	2.8					T__				---		249175	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
BADH	0.21	146.3	Pg	08:25:58.057	-0.6					T__		1032.3		---	ML	1.9	249169	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.21	146.3	Lg	08:25:59.447	-2.9					T__				---		249174	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MPLH	0.25	40.0	Pg	08:25:58.782	-0.8					T__		336.9		---	ML	1.5	249173	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.25	40.0	Lg	08:26:04.629	0.5					T__				---		249172	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A263A	0.34	178.7	Lg	08:26:03.981	-2.5					T__				---		249177	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.62	42.8	Lg	08:26:17.888	1.1					T__				---		249170	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.76	59.2	Lg	08:26:20.639	-1.3					T__				---		249171	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.99	316.8	Pn	08:26:18.159	3.7					T__				---		249180	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
KOVH	1.05	148.1	Lg	08:26:26.534	-3.2					T__				---		249178	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.20	129.1	Sn	08:26:31.649	-2.5					T__				---		249179	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
2022/08/31	08:54:42.11	0.77	0.98	48.3932	18.4864	5.0	3.4	4	0.0f		15	12	90	0.25	1.52	sx	BUD	18003610	BUD			115

Magnitude Err Nsta Author OrigID

Sta	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	66.4	Pg	08:54:48.105	0.6					T__		82.0		---	ML	0.9	249239	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	66.4	Lg	08:54:51.746	0.2					T__				---		249240	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.9 magdef=1)																					
				(Station ML: 0.9 magdef=1)																					
HU10A	0.65	146.8	Lg	08:55:05.901	-0.2					T__				---		249241	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	0.71	311.1	Pg	08:54:56.925	0.1					T__		51.7		---	ML	1.6	249237	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.71	311.1	Lg	08:55:07.080	-1.0					T__				---		249238	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
MODS	0.81	269.1	Pg	08:55:00.040	1.5					T__				---		249236	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.81	269.1	Lg	08:55:10.407	-0.6					T__				---		249242	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU08A	1.03	201.7	Lg	08:55:18.315	-0.3					T__				---		249243	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	1.04	188.5	Sn	08:55:18.263	-1.0					T__				---		249245	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.06	116.2	Sn	08:55:18.317	-1.4					T__				---		249244	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.06	118.5	Sn	08:55:17.763	-1.9					T__				---		249246	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	1.33	85.4	Sn	08:55:27.087	0.6					T__				---		249247	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.37	84.9	Sn	08:55:26.755	-0.6					T__				---		249248	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU02A	1.39	100.5	Sn	08:55:28.015	0.1					T__				---		249249	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORC	1.52	336.2	Sn	08:55:30.793	-0.3					T__				---		249250	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/31	09:16:33.07	1.15	0.58	48.6380	22.3867	9.9	6.4	117	0.0f		10	7	156	0.30	1.34	sx	BUD	18003612	BUD			237

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 3 BUD 18003612

Sta	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	0.30	345.8	Pg	09:16:39.356	0.2					T__				---		249295	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
HU07A	0.73	205.8	Lg	09:16:59.968	-0.2					T__				---		249296	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.84	246.3	Pg	09:16:50.370	0.7					T__		52.1		---	ML	1.7	249294	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.84	246.3	Lg	09:17:02.184	-1.1					T__				---		249293	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
BMR	1.22	142.0	Sn	09:17:14.209	-0.3					T__				---		249297	FDSN	RO	--	BUD	iLoc	HHE	???	_	
JOS	1.24	264.1	Pg	09:16:56.803	-0.6					T__		17.5		---	ML	1.4	249299	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.24	264.1	Sn	09:17:15.252	0.3					T__				---		249300	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
KECS	1.27	263.7	Sn	09:17:15.616	-0.3					T__				---		249298	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	1.34	248.1	Pn	09:16:59.109	-0.0					T__		19.4		---	ML	1.5	249292	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.34	248.1	Sn	09:17:17.801	0.1					T__				---		249291	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/31	09:25:28.92	1.02	0.81	48.7352	21.6494	9.8	4.0	156	0.0f	11	6	167	0.46	1.13	sx	BUD	18003614	BUD				193

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	18003614

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.46	64.1	Pg	09:25:38.047	0.2					T__					249328	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
KOLS	0.46	64.1	Lg	09:25:45.166	-0.3					T__					249329	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JOS	0.77	252.4	Pg	09:25:44.657	0.4					T__		68.3		ML	1.8	249331	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.77	252.4	Lg	09:25:55.437	-0.4					T__					249330	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.81	252.4	Pg	09:25:45.878	0.8					T__		132.9		ML	2.1	249332	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.81	252.4	Lg	09:25:56.657	-0.5					T__					249333	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU02A	0.97	231.1	Pg	09:25:48.725	-0.1					T__		57.7		ML	1.8	249334	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.97	231.1	Lg	09:26:02.556	-1.0					T__					249335	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	1.12	308.1	Pg	09:25:50.454	0.4					T__		16.8		ML	1.3	249337	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	1.12	308.1	Lg	09:26:04.996	-1.6					T__					249336	FDSN	PL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KWP	1.13	37.3	Lg	09:26:07.234	0.3					T__					249338	FDSN	PL	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/01	01:07:26.58	0.88	0.51	45.9009	16.0361	5.3	4.2	100	3.2	7.2	16	11	62	0.05	1.45	ke	BUD	18003618	BUD				123

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	5 BUD	18003618

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.05	277.3	Pg	01:07:27.946	-0.2					T__		991.6		ML	1.4	249412	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.05	277.3	Lg	01:07:29.261	-0.3					T__					249413	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ZAG	0.08	204.9	Pg	01:07:28.513	0.1					T__		8673.3		ML	2.5	249415	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
ZAG	0.08	204.9	Lg	01:07:30.475	0.6					T__					249414	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
CRES	0.41	259.7	Pg	01:07:34.784	0.2					T__		62.7		ML	1.2	249416	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.41	259.7	Lg	01:07:40.974	0.3					T__					249417	FDSN	SL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
KOGS	0.57	15.1	Pg	01:07:37.949	0.1					T__		76.6		ML	1.7	249422	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.57	15.1	Lg	01:07:45.970	0.8					T__					249421	FDSN	SL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									



BEHE	0.77	41.8	Sn	01:07:55.248	-1.1	T__										249427	FDSN	HU	--	BUD	iLoc	HHN	???	_			
A264A	0.91	73.0	Sn	01:07:59.550	-0.3	T__										249423	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
A262A	1.02	19.3	Sn	01:08:03.117	0.5	T__										249424	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
OBKA	1.20	301.0	Pn	01:07:50.067	-0.3	T__										46.1	ML	1.8	249420	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.20	301.0	Sn	01:08:07.383	0.2	T__											249419	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																											
(Station ML: 1.8 magdef=1)																											
ARSA	1.40	345.5	Sn	01:08:12.076	0.1	T__											249418	FDSN	OE	--	BUD	iLoc	HHN	???	_		
BLY	1.41	144.5	Lg	01:08:11.400	-0.5	T__											249425	FDSN	MN	--	BUD	iLoc	HHN	???	_		
KOVH	1.45	81.8	Lg	01:08:13.565	0.0	T__											249426	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
2022/09/01	02:28:02.40	3.78	1.39	45.8111	16.5990	35.2	29.4	9	30.5	13.2	8	4	292	0.43	1.59	ke	BUD	18003620	BUD			334

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	18003620

Sta	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	0.43	272.4	Pb	02:28:11.855	0.1					T__		275.0			ML	1.9	249457	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
ZAG	0.43	272.4	Sb	02:28:18.523	-0.5					T__						249462	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
PTJ	0.45	282.5	Pn	02:28:12.872	0.2					T__		53.6			ML	1.3	249458	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.45	282.5	Sn	02:28:20.100	-0.1					T__						249463	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
KOGS	0.68	339.3	Pb	02:28:22.635	6.6					T__		36.4			ML	1.4	249460	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.68	339.3	Sn	02:28:22.998	-1.5					T__						249465	FDSN	SL	--	BUD	iLoc	BHZ	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
CRES	0.80	271.5	Pb	02:28:17.855	0.2					T__		36.7			ML	1.5	249459	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.80	271.5	Sn	02:28:26.761	-1.4					T__						249464	FDSN	SL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
OBKA	1.59	296.8	Sb	02:28:55.584	1.8					T__						249461	FDSN	OE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/01	08:24:36.12	0.28	0.97	47.8536	19.1345	5.6	2.2	169	0.0A	0.0	16	12	156	0.08	1.14	m	kx	BUD	18003622	BUD			360
2022/09/01	08:24:33.55	0.87	0.58	47.8327	19.1394f				0.0f		16	12	160	0.08	1.15		kx	BUD_GT	18003623	BUD_GT			165

(locality : Sejce-Vác Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	18003623

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
HU10A	0.08	278.8	Pg	08:24:36.039	0.3					T__		2278.7			ML	1.9	249539	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU10A	0.08	278.8	Lg	08:24:37.484	-0.2					T__						249534	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										

HU03A	0.32	76.9	Lg	08:24:46.819	1.1	T__									249533	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	0.50	84.3	Pg	08:24:43.634	-0.6	T__	41.1								249524	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	08:24:52.009	0.1	T__									249535	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
PSZ	0.52	80.1	Lg	08:24:52.414	-0.7	T__									249525	FDSN	GE	--	BUD	iLoc	HHN	???	_
HU09A	0.55	249.5	Lg	08:24:54.173	0.2	T__									249527	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
SR0	0.56	268.3	Lg	08:24:54.071	-0.3	T__									249528	FDSN	SK	--	BUD	iLoc	EHN	???	_
A338A	0.56	289.3	Lg	08:24:53.809	-0.7	T__									249536	FDSN	Z3	00	BUD	iLoc	HH2	???	_
VYHS	0.69	343.1	Pg	08:24:47.700	-0.0	T__	17.6								249526	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	08:24:58.503	0.5	T__									249529	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																							
(Station ML: 1.1 magdef=1)																							
HU08A	0.92	244.4	Sn	08:25:07.427	-0.3	T__									249537	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.98	72.2	Pg	08:24:54.464	0.8	T__	27.7								249538	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	08:25:08.381	-0.7	T__									249530	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
KECS	1.11	53.7	Sn	08:25:11.628	-0.9	T__									249531	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	1.15	54.2	Sn	08:25:13.239	-0.1	T__									249532	FDSN	ZJ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/01	08:48:13.66	0.89	0.73	48.2598	21.2174	7.0	3.8	173	0.0f		15	9	102	0.04	1.78	sx	BUD	18003624	BUD			149

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	5 BUD	18003624

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.04	22.3	Pg	08:48:14.625	-0.4					T__		9107.8		_c	ML	2.4	249575	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.04	22.3	Lg	08:48:16.102	-0.4					T__						249581	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
HU02A	0.48	253.7	Pg	08:48:24.266	0.3					T__	74.9				ML	1.5	249582	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	253.7	Lg	08:48:31.375	-0.4					T__						249577	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.51	297.8	Pg	08:48:23.870	-0.1					T__	81.3				ML	1.6	249576	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	297.8	Lg	08:48:31.739	-0.0					T__						249583	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.54	294.9	Pg	08:48:24.608	0.1					T__	102.1				ML	1.8	249578	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.54	294.9	Lg	08:48:32.821	0.1					T__						249579	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
TRPA	0.89	97.8	Pg	08:48:30.993	-0.1					T__	192.4				ML	2.3	249585	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	97.8	Lg	08:48:44.425	-1.3					T__						249584	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
PSZ	0.95	249.4	Lg	08:48:46.835	-1.1					T__						249586	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOLS	0.97	45.7	Pg	08:48:33.155	0.9					T__						249580	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	45.7	Lg	08:48:47.518	-0.5					T__						249587	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	0.98	247.6	Lg	08:48:47.817	-0.7					T__						249588	FDSN	HU	--	BUD	iLoc	HHN	???	_	

DRGR	1.78	144.9	Sn	08:49:10.264	1.1	T__	---	249589	FDSN	RO	--	BUD	iLoc	HHN	???	_									
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/09/01	10:28:37.68	0.44	0.68	47.8501	19.0914	7.2	3.2	178	0.0A	0.0	12	8	177	0.05	1.16	m	kx	BUD	18003626	BUD		360			
2022/09/01	10:28:35.81	0.90	0.83	47.8327	19.1394f				0.0f		12	8	194	0.08	1.15		kx	BUD_GT	18003627	BUD_GT		258			
(locality : Sejce-Vác Hungary)																									
(GT info : GT2 explosion)																									
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.7	0.5	4	BUD	18003627																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	10:28:37.848	-0.1					T__		2581.1		---	ML	1.9	249646	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	10:28:39.598	-0.4					T__				---		249647	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.32	76.9	Lg	10:28:48.267	0.3					T__				---		249648	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.50	84.3	Lg	10:28:54.765	0.6					T__				---		249651	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.1	Lg	10:28:55.534	0.2					T__				---		249652	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	0.69	343.1	Pg	10:28:50.684	0.7					T__		12.9		---	ML	1.0	249650	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.1	Lg	10:28:58.948	-1.3					T__				---		249649	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.98	72.2	Lg	10:29:09.622	-1.8					T__				---		249653	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	1.11	53.7	Pg	10:28:59.163	1.2					T__		94.0		---	ML	2.1	249655	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Sn	10:29:14.457	-0.3					T__				---		249654	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	1.15	54.2	Pn	10:28:57.963	-0.1					T__		18.8		---	ML	1.4	249656	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	10:29:15.360	-0.2					T__				---		249657	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/09/01	18:57:56.60	0.88	0.81	45.5250	21.0759	6.7	4.3	146	6.3	8.3	15	8	90	0.15	1.90		ke	BUD	18003632	BUD		152			
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.9	0.1	5	BUD	18003632																				
Sta	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	0.15	163.6	Pg	18:57:59.871	0.0					T__		36213.6		_c_	ML	3.3	249776	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BANR	0.15	163.6	Lg	18:58:02.553	0.2					T__				---		249777	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=0)																									
BZS	0.39	76.2	Pg	18:58:04.587	0.2					T__		112.2		_d_	ML	1.4	249779	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.39	76.2	Lg	18:58:09.926	-0.2					T__				---		249778	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
FRGS	0.97	248.1	Pn	18:58:16.791	0.1					T__		58.4		---	ML	1.8	249780	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	0.97	248.1	Sn	18:58:30.265	-0.4					T__				---		249781	FDSN	SJ	--	BUD	iLoc	BHN	???	_	

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
GZR 1.20 95.7 Pg 18:58:19.079 -0.4 T__ 132.5 ___ ML 2.3 249782 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.20 95.7 Lg 18:58:34.269 -1.7 T__ ___ 249783 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
HU21A 1.24 311.2 Sn 18:58:38.439 1.0 T__ ___ 249784 FDSN ZJ 00 BUD iLoc HHN ??? _
DRGR 1.70 41.3 Pn 18:58:26.964 0.1 T__ ___ ML 1.9 249789 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.70 41.3 Pg 18:58:29.134 -0.5 T__ ___ 249785 FDSN RO -- BUD iLoc HHZ ??? _
DRGR 1.70 41.3 Sn 18:58:48.659 -0.3 T__ ___ 249787 FDSN RO -- BUD iLoc HHZ ??? _
DRGR 1.70 41.3 Lg 18:58:52.930 1.1 T__ ___ 249786 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.83 293.0 Lg 18:58:57.116 -0.7 T__ ___ 249788 FDSN HU -- BUD iLoc HHE ??? _
LOT 1.90 91.4 Sn 18:58:54.726 0.9 T__ ___ 249790 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/02 00:40:28.54 0.97 1.13 46.1670 16.8944 7.0 3.6 14 6.8 8.1 20 11 156 0.27 1.29 ke BUD 18003634 BUD 207

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.1 10 BUD 18003634

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```

Sta 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 0.27 91.4 Pg 00:40:35.037 0.6 T__ 208.8 _c_ ML 1.4 249845 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A264A 0.27 91.4 Lg 00:40:40.236 1.8 T__ ___ 249846 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
BEHE 0.31 344.8 Pg 00:40:33.964 -1.2 T__ 352.0 ___ ML 1.7 249838 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.31 344.8 Lg 00:40:38.395 -1.3 T__ ___ 249839 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOGS 0.53 302.4 Pg 00:40:40.175 1.1 T__ 68.4 ___ ML 1.6 249840 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.53 302.4 Lg 00:40:45.151 -0.8 T__ ___ 249841 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A263A 0.56 31.4 Pg 00:40:39.811 0.0 T__ 163.9 ___ ML 2.0 249844 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A263A 0.56 31.4 Lg 00:40:47.328 -0.1 T__ ___ 249857 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A262A 0.74 340.2 Pg 00:40:43.492 0.3 T__ 138.2 ___ ML 2.1 249843 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A262A 0.74 340.2 Lg 00:40:54.376 1.4 T__ ___ 249842 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
A261A 0.80 12.5 Lg 00:40:56.555 1.0 T__ ___ 249847 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 0.84 94.9 Pg 00:40:45.022 -0.1 T__ 43.6 ___ ML 1.6 249849 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.84 94.9 Lg 00:40:57.397 1.1 T__ ___ 249848 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CRES 1.06 251.7 Pn 00:40:49.953 0.1 T__ 50.8 ___ ML 1.8 249851 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 1.06 251.7 Sn 00:41:03.992 -0.8 T__ ___ 249850 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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MPLH  1.10 23.6 Pg      00:40:50.187  0.3          T__      24.1      ___ ML    1.5 249852    FDSN HU    -- BUD  iLoc  HHZ HHZ  _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
MORH  1.22 87.1 Pn      00:40:50.273 -1.7          T__      17.9      ___ ML    1.4 249853    FDSN HU    -- BUD  iLoc  HHZ HHZ  _
MORH  1.22 87.1 Sn      00:41:09.607  0.9          T__      ___      ___      249854    FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=0
EGYH  1.29 13.4 Pg      00:40:54.912  1.5          T__      60.2      ___ ML    2.0 249856    FDSN HU    -- BUD  iLoc  HHZ HHZ  _
EGYH  1.29 13.4 Lg      00:41:11.096  0.5          T__      ___      ___      249855    FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/09/02 05:58:22.69  1.20  0.69  47.9744  16.0941  7.4  4.9  24  0.0f  6  4 143  0.16  1.11  sx BUD  18003638  BUD  259

```

Magnitude Err Nsta Author OrigID

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
CONA  0.16 253.6 Pg      05:58:25.882 -0.3          T__      133.8      ___ ML    0.9 249960    FDSN OE    -- BUD  iLoc  HHZ HHZ  _
CONA  0.16 253.6 Lg      05:58:28.754  0.1          T__      ___      ___      249959    FDSN OE    -- BUD  iLoc  HHN ???  _
(Reading ML:  0.9 magdef=1
(Station ML:  0.9 magdef=0
RONA  0.31 153.6 Pg      05:58:28.893 -0.2          T__      ___      ___      249961    FDSN OE    -- BUD  iLoc  HHZ ???  _
RONA  0.31 153.6 Lg      05:58:33.242 -0.2          T__      ___      ___      249963    FDSN OE    -- BUD  iLoc  HHN ???  _
ARSA  0.82 208.3 Lg      05:58:49.906  1.0          T__      ___      ___      249964    FDSN OE    -- BUD  iLoc  HHN ???  _
KRUC  1.11 10.3 Lg      05:59:00.807  0.5          T__      ___      ___      249962    FDSN CZ    -- BUD  iLoc  HHE ???  _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2022/09/02 07:00:44.56  0.92  1.04  47.1531  18.0119  4.9  3.5 108  0.0f  10  6 116  0.27  1.07  sx BUD  18003640  BUD  167

```

Magnitude Err Nsta Author OrigID  
ML 1.2 0.3 4 BUD 18003640

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Sta  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  0.27 197.9 Pg      07:00:50.745  0.4          T__      648.7      ___ ML    1.9 249994    FDSN HU    -- BUD  iLoc  HHZ HHZ  _
TIH  0.27 197.9 Lg      07:00:56.033  1.0          T__      ___      ___      249993    FDSN HU    -- BUD  iLoc  HHZ ???  _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
CSKK  0.27 38.8 Pg      07:00:50.932  0.4          T__      91.1      ___ ML    1.0 249989    FDSN HU    -- BUD  iLoc  HHZ HHZ  _
CSKK  0.27 38.8 Lg      07:00:55.966  0.3          T__      ___      ___      249988    FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML:  1.0 magdef=1
(Station ML:  1.0 magdef=1
HU08A 0.28 347.9 Lg      07:00:55.220 -0.8          T__      ___      ___      249992    FDSN ZJ    00 BUD  iLoc  HHN ???  _
MPLH  0.32 273.2 Pg      07:00:51.152 -0.4          T__      72.7      ___ ML    1.1 249995    FDSN HU    -- BUD  iLoc  HHZ HHZ  _
MPLH  0.32 273.2 Lg      07:00:58.101  1.0          T__      ___      ___      249987    FDSN HU    -- BUD  iLoc  HHN ???  _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
MORH  1.03 154.9 Pg      07:01:04.406 -0.9          T__      22.5      ___ ML    1.4 249990    FDSN HU    -- BUD  iLoc  HHZ HHZ  _
MORH  1.03 154.9 Lg      07:01:19.406 -0.9          T__      ___      ___      249991    FDSN HU    -- BUD  iLoc  HHE ???  _
(Reading ML:  1.4 magdef=1

```

(Station ML: 1.4 magdef=1  
 KOVH 1.07 176.7 Lg 07:01:20.033 -1.6 T\_\_ --- 249996 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  
 2022/09/02 09:30:55.76 1.05 0.27 47.8817 16.0754 8.2 4.0 38 0.0f 6 4 130 0.15 1.20 sx BUD 18003642 BUD 212

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 CONA 0.15 288.0 Pg 09:30:58.867 -0.1 T\_\_ 96.4 --- ML 0.7 250018 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 0.15 288.0 Lg 09:31:01.577 0.2 T\_\_ --- 250022 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.7 magdef=1  
 (Station ML: 0.7 magdef=0  
 RONA 0.24 140.6 Pg 09:31:00.576 -0.2 T\_\_ --- 250020 FDSN OE -- BUD iLoc HHZ ??? \_  
 RONA 0.24 140.6 Lg 09:31:04.490 0.3 T\_\_ --- 250019 FDSN OE -- BUD iLoc HHN ??? \_  
 ARSA 0.73 210.8 Lg 09:31:19.317 0.1 T\_\_ --- 250023 FDSN OE -- BUD iLoc HHN ??? \_  
 KRUC 1.20 10.1 Lg 09:31:36.649 0.2 T\_\_ --- 250021 FDSN CZ -- BUD iLoc HHE ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/02 09:47:46.72 0.96 0.64 47.8706 16.0456 8.7 3.9 32 0.0f 6 4 159 0.14 1.21 sx BUD 18003644 BUD 236

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 CONA 0.14 295.1 Pg 09:47:49.949 0.3 T\_\_ 116.3 --- ML 0.7 250039 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 0.14 295.1 Lg 09:47:51.525 -0.3 T\_\_ --- 250040 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.7 magdef=1  
 (Station ML: 0.7 magdef=0  
 RONA 0.24 135.2 Pg 09:47:51.728 -0.1 T\_\_ --- 250042 FDSN OE -- BUD iLoc HHZ ??? \_  
 RONA 0.24 135.2 Lg 09:47:55.618 0.3 T\_\_ --- 250041 FDSN OE -- BUD iLoc HHN ??? \_  
 MODS 0.97 58.2 Lg 09:48:21.645 0.4 T\_\_ --- 250044 FDSN SK -- BUD iLoc HHN ??? \_  
 KRUC 1.21 10.9 Sn 09:48:27.245 -0.9 T\_\_ --- 250043 FDSN CZ -- BUD iLoc HHE ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/02 10:53:16.62 0.94 0.57 47.0987 18.0537 5.2 3.8 102 0.0f 9 6 127 0.23 1.01 sx BUD 18003648 BUD 169

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.0 4 BUD 18003648

Sta 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 0.23 209.0 Pg 10:53:22.066 0.4 T\_\_ 352.4 --- ML 1.5 250095 FDSN HU -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 CSKK 0.30 28.0 Pg 10:53:23.472 0.3 T\_\_ 155.7 --- ML 1.3 250096 FDSN HU -- BUD iLoc HHZ HHZ \_  
 CSKK 0.30 28.0 Lg 10:53:28.205 -0.6 T\_\_ --- 250097 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 HU08A 0.34 345.2 Lg 10:53:30.104 -0.0 T\_\_ --- 250094 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 MPLH 0.36 281.7 Pg 10:53:24.681 0.3 T\_\_ 110.0 --- ML 1.3 250093 FDSN HU -- BUD iLoc HHZ HHZ \_

```

MPLH 0.36 281.7 Lg 10:53:29.496 -0.8 T__ --- 250092 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 0.97 155.1 Pg 10:53:36.212 0.2 T__ 21.7 --- ML 1.4 250099 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.97 155.1 Lg 10:53:50.049 -0.3 T__ --- 250100 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOVH 1.01 178.2 Lg 10:53:51.224 -0.7 T__ --- 250098 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
2022/09/03 18:17:05.86 0.96 0.30 47.8691 16.3921 9.4 6.0 43 14.6 8.9 8 5 148 0.18 1.19 ke BUD 18003650 BUD 229

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.18 200.9 Pg 18:17:10.325 -0.2 T__ _d_ 250144 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.18 200.9 Lg 18:17:13.785 0.0 T__ --- 250145 FDSN OE -- BUD iLoc HHE ??? _
SOP 0.22 148.8 Lg 18:17:14.908 0.3 T__ --- 250146 FDSN HU -- BUD iLoc HHN ??? _
CONA 0.36 279.6 Pg 18:17:13.457 -0.2 T__ 25.1 --- ML 0.7 250142 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.36 279.6 Lg 18:17:19.245 0.4 T__ --- 250143 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
ARSA 0.85 223.9 Sn 18:17:35.838 0.2 T__ --- 250147 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.19 0.1 Pn 18:17:28.079 0.0 T__ 30.4 --- ML 1.6 250149 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.19 0.1 Sn 18:17:43.928 -0.1 T__ --- 250148 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/04 20:45:14.96 1.10 0.53 47.7792 16.1580 7.3 4.7 42 10.1 9.6 7 4 123 0.12 1.29 ke BUD 18003654 BUD 212

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 130.4 Pg 20:45:18.373 0.1 T__ --- 250221 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.12 130.4 Lg 20:45:20.473 -0.1 T__ --- 250220 FDSN OE -- BUD iLoc HHN ??? _
CONA 0.25 306.9 Pg 20:45:20.788 0.4 T__ 22.7 --- ML 0.3 250219 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 306.9 Lg 20:45:23.527 -0.7 T__ --- 250224 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
ARSA 0.68 219.4 Pg 20:45:27.964 -0.3 T__ 41.7 --- ML 1.5 250223 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.68 219.4 Lg 20:45:37.303 0.3 T__ --- 250222 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 1.29 6.9 Sn 20:45:56.365 -0.1 T__ --- 250225 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/05 06:38:32.93 0.25 0.77 47.3326 18.3201 3.2 2.5 128 0.0A 0.0 17 14 106 0.05 1.69 m kx BUD 18003656 BUD 360
2022/09/05 06:38:30.79 0.88 1.20 47.3167 18.3081f 0.0f 17 14 106 0.06 1.70 kx BUD_GT 18003657 BUD_GT 120

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

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 3 BUD 18003657

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.06	325.1	Pg	06:38:32.467	-0.1					T__		2935.4		___	ML	1.9	250256	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	06:38:34.106	-0.4					T__				---		250258	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU08A	0.29	293.8	Lg	06:38:42.205	-0.0					T__				---		250259	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU09A	0.33	8.9	Lg	06:38:42.482	-1.3					T__				---		250260	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MPLH	0.54	254.6	Pg	06:38:43.255	1.2					T__		113.5		---	ML	1.9	250262	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.54	254.6	Lg	06:38:51.685	1.2					T__				---		250261	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU10A	0.71	42.0	Lg	06:38:54.058	-3.2					T__				---		250263	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
BADH	0.77	228.5	Lg	06:38:57.780	0.5					T__				---		250265	FDSN	HU	--	BUD	iLoc	HNN	???	_	
A266A	0.79	182.2	Lg	06:38:58.721	0.3					T__				---		250264	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MORH	1.13	168.1	Lg	06:39:09.200	-0.3					T__				---		250266	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ET1H	1.20	61.4	Sn	06:39:10.449	-1.4					T__				---		250267	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	1.23	16.6	Sn	06:39:12.380	-0.7					T__				---		250257	FDSN	SK	--	BUD	iLoc	HNN	???	_	
PSZ	1.23	60.1	Pn	06:38:55.435	1.1					T__		63.8		---	ML	2.0	250269	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	60.1	Sn	06:39:13.722	0.6					T__				---		250268	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
KOVH	1.24	186.7	Sn	06:39:12.811	0.4					T__				---		250270	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MODS	1.27	327.1	Sn	06:39:13.201	-0.7					T__				---		250271	FDSN	SK	--	BUD	iLoc	HNN	???	_	
HU02A	1.70	60.9	Sn	06:39:25.899	1.7					T__				---		250272	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/05	08:00:39.77	0.94	1.04	46.9624	17.3289	4.0	3.8	173	0.0f		13	8	129	0.12	1.18	sx	BUD	18003660	BUD			223

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 5 BUD 18003660

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.12	265.3	Pg	08:00:43.351	0.4					T__		1975.9		___	ML	1.9	250376	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.12	265.3	Lg	08:00:44.622	-0.9					T__				---		250381	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
BADH	0.19	147.8	Pg	08:00:45.029	1.0					T__		694.4		___	ML	1.7	250383	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.19	147.8	Lg	08:00:47.180	-0.3					T__				---		250382	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
MPLH	0.25	34.6	Pg	08:00:46.308	0.8					T__		125.2		___	ML	1.1	250384	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.25	34.6	Lg	08:00:48.671	-1.4					T__				---		250379	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
A263A	0.32	181.7	Pg	08:00:47.296	0.6					T__		769.1		___	ML	2.1	250385	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.32	181.7	Lg	08:00:50.785	-1.0					T__				---		250386	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	



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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
BEHE 0.62 217.9 Lg 08:01:01.310 0.1 T__ --- 250387 FDSN HU -- BUD iLoc HHE ??? _
KOGS 0.90 235.7 Lg 08:01:10.032 0.7 T__ --- 250388 FDSN SL -- BUD iLoc BHE ??? _
KOVH 1.02 148.4 Pg 08:01:00.121 -0.3 T__ 47.2 --- ML 1.7 250378 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.02 148.4 Lg 08:01:13.715 -1.1 T__ --- 250377 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 1.18 129.0 Lg 08:01:18.204 -1.8 T__ --- 250380 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
2022/09/05 08:08:06.15 0.95 0.67 48.5117 17.5307 6.7 3.1 127 0.0f 11 8 131 0.22 1.27 sx BUD 18003662 BUD 207

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.22 230.8 Pg 08:08:10.792 -0.3 T__ --- 250434 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.22 230.8 Lg 08:08:14.817 -0.3 T__ --- 250436 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.36 14.9 Pg 08:08:13.800 -0.1 T__ 103.9 --- ML 1.3 250435 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.36 14.9 Lg 08:08:19.504 -0.5 T__ --- 250439 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ZST 0.43 222.3 Lg 08:08:21.331 -0.6 T__ --- 250442 FDSN SK -- BUD iLoc HHN ??? _
VYHS 0.87 90.7 Lg 08:08:36.749 0.4 T__ --- 250440 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.93 306.7 Lg 08:08:37.989 0.3 T__ --- 250441 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.16 226.0 Lg 08:08:44.950 0.8 T__ --- 250437 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.26 243.0 Pg 08:08:30.845 -0.1 T__ 29.5 --- ML 1.7 250443 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.26 243.0 Lg 08:08:48.529 1.3 T__ --- 250433 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORC 1.27 0.3 Lg 08:08:47.548 0.2 T__ --- 250438 FDSN CZ -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/05 08:41:49.62 0.91 1.02 48.9717 21.2710 6.6 4.1 156 0.0f 15 11 91 0.66 1.57 sx BUD 18003664 BUD 129

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Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 3 BUD 18003664

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOLS 0.66 93.0 Pg 08:42:02.548 0.2 T__ --- 250501 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.66 93.0 Lg 08:42:13.115 0.1 T__ --- 250508 FDSN SK -- BUD iLoc HHE ??? _
ABAH 0.68 181.8 Lg 08:42:13.236 -1.0 T__ --- 250509 FDSN HU -- BUD iLoc HHN ??? _
JOS 0.68 225.8 Pg 08:42:03.014 -0.1 T__ 48.2 --- ML 1.6 250498 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 225.8 Lg 08:42:13.169 -0.1 T__ --- 250502 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.71 227.1 Pg 08:42:05.785 2.0 T__ 95.3 --- ML 1.9 250499 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.71 227.1 Lg 08:42:13.998 -0.5 T__ --- 250503 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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NIE	0.78	305.4	Lg	08:42:14.327	-1.1	T__									250510	FDSN	PL	--	BUD	iLoc	BHN	???	_		
HU02A	0.98	210.5	Pg	08:42:09.426	-0.3	T__					24.3				ML	1.4	250500	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	210.5	Lg	08:42:22.171	-2.0	T__										250504	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KWP	1.15	54.4	Lg	08:42:28.382	0.3	T__										250505	FDSN	PL	--	BUD	iLoc	HHN	???	_	
TRPA	1.19	134.5	Sn	08:42:30.577	0.2	T__										250511	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.40	221.5	Sn	08:42:34.878	-0.7	T__										250506	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.44	221.0	Sn	08:42:37.450	1.0	T__										250507	FDSN	HU	--	BUD	iLoc	HHN	???	_	
OJC	1.57	323.1	Sn	08:42:39.429	-0.5	T__										250512	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
2022/09/05	09:09:13.24	0.69	0.53	48.6698	18.4220	5.3	3.1	26	0.0f		17	10	95	0.33	1.79	sx	BUD	18003666	BUD			137

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	6 BUD	18003666

Sta	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	122.5	Pg	09:09:20.350	0.3					T__		24.4			ML	0.6	250551	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	122.5	Lg	09:09:24.861	-0.2					T__						250554	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
JAVC	0.53	291.1	Pg	09:09:24.558	0.2					T__		75.6			ML	1.7	250550	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	291.1	Lg	09:09:31.557	-1.3					T__						250565	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MODS	0.82	249.1	Pg	09:09:30.303	0.5					T__						250549	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.82	249.1	Lg	09:09:42.663	0.3					T__						250555	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU10A	0.92	154.0	Lg	09:09:45.519	-0.8					T__						250556	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORC	1.25	332.8	Pg	09:09:36.937	0.5					T__		36.7			ML	1.8	250553	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.25	332.8	Lg	09:09:53.889	0.0					T__						250552	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	1.38	97.0	Pn	09:09:39.942	0.1					T__		65.2			ML	2.1	250558	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.38	97.0	Sn	09:09:58.472	-0.3					T__						250557	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
JOS	1.42	96.3	Pn	09:09:40.201	-0.1					T__		27.8			ML	1.7	250559	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.42	96.3	Sn	09:09:59.136	-0.5					T__						250560	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	1.44	58.1	Sn	09:10:00.707	0.3					T__						250561	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	1.50	110.6	Pn	09:09:41.238	-0.3					T__		24.4			ML	1.7	250563	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.50	110.6	Sn	09:10:02.276	0.4					T__						250562	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
OJC	1.79	29.6	Lg	09:10:10.837	-0.5					T__						250564	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	
2022/09/05	12:50:19.12	0.41	0.39	47.5645	18.4088	7.9	3.8	91	0.0A	0.0	6	4	139	0.08	1.05	m	kx	BUD	18003668	BUD			360

2022/09/05 12:50:17.14 0.99 0.78 47.5577 18.4810f 0.0f 6 4 123 0.10 1.01 kx BUD\_GT 18003669 BUD\_GT 203  
 (locality : Tatabánya Hungary)  
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	320.5	Pg	12:50:20.560	0.8					T__		1278.3		___	ML	1.7	250612	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	12:50:21.348	-1.0					T__				---		250613	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																					
CSKK	0.25	217.6	Pg	12:50:22.874	0.3					T__		180.5		___	ML	1.2	250615	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	12:50:26.255	-1.1					T__				---		250614	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																					
VYHS	0.97	14.1	Lg	12:50:50.407	-0.5					T__				---		250616	FDSN	SK	--	BUD	iLoc	HNN	???	_	
HU04A	1.01	137.3	Sn	12:50:53.153	-0.1					T__				---		250617	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/05 12:56:11.75 1.10 0.56 47.9015 16.1052 8.1 4.2 38 0.0f 6 4 138 0.17 1.18 sx BUD 18003670 BUD 228

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	279.4	Pg	12:56:15.212	-0.1					T__		158.5		___	ML	1.0	250635	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	279.4	Lg	12:56:17.599	-0.2					T__				---		250637	FDSN	OE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																					
RONA	0.24	147.4	Pg	12:56:16.891	0.1					T__				---		250636	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	147.4	Lg	12:56:19.763	-0.6					T__				---		250638	FDSN	OE	--	BUD	iLoc	HNN	???	_	
ARSA	0.76	211.4	Lg	12:56:36.685	0.6					T__				---		250639	FDSN	OE	--	BUD	iLoc	HNN	???	_	
KRUC	1.18	9.3	Lg	12:56:52.127	0.4					T__				---		250640	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/05 14:12:51.43 1.03 0.93 48.6808 19.1765 7.2 3.6 1 0.0f 10 6 180 0.29 1.01 sx BUD 18003672 BUD 230

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.29	230.5	Pg	14:12:58.000	0.4					T__		12.9		___	ML	0.2	250663	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.29	230.5	Lg	14:13:02.677	0.6					T__				---		250664	FDSN	SK	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 0.2 magdef=1 Station ML: 0.2 magdef=1)																					
HU03A	0.83	159.9	Lg	14:13:19.966	-0.9					T__				---		250665	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KECS	0.89	102.3	Pg	14:13:09.811	0.7					T__		125.9		___	ML	2.1	250671	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.89	102.3	Lg	14:13:22.117	-0.3					T__				---		250670	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																					
PSZ	0.90	147.6	Lg	14:13:22.406	-1.5					T__				---		250666	FDSN	GE	--	BUD	iLoc	HHE	???	_	

JOS	0.92	101.1	Pg	14:13:10.305	0.6	T__	21.0	___	ML	1.3	250668	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	101.1	Lg	14:13:23.322	-0.1	T__		---			250667	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
JAVC	1.01	280.7	Pg	14:13:12.100	0.1	T__	41.2	___	ML	1.7	250672	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.01	280.7	Lg	14:13:26.067	-1.3	T__		---			250669	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/06	06:29:40.02	0.88	0.97	47.0569	17.9954	3.9	3.2	98	0.0f		15	10	77	0.17	1.32	sx	BUD	18003676	BUD			121

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18003676

Sta	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	0.17	204.1	Pg	06:29:44.553	0.5					T__		1873.3		---	ML	2.1	250790	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.17	204.1	Lg	06:29:46.469	-0.9					T__				---		250791	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
MPLH	0.33	290.2	Pg	06:29:47.748	0.5					T__		164.7		---	ML	1.4	250779	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.33	290.2	Lg	06:29:52.203	-0.6					T__				---		250786	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
A267A	0.35	108.2	Lg	06:29:54.435	0.8					T__				---		250785	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.36	30.4	Pg	06:29:48.134	0.5					T__		151.7		---	ML	1.5	250780	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.36	30.4	Lg	06:29:53.320	-0.8					T__				---		250789	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU08A	0.38	352.6	Lg	06:29:53.093	-1.6					T__				---		250787	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BADH	0.44	235.1	Lg	06:29:55.401	-0.5					T__				---		250788	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	0.95	151.8	Pg	06:29:59.482	0.4					T__		31.6		---	ML	1.5	250778	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.95	151.8	Lg	06:30:11.971	-1.1					T__				---		250777	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOVH	0.97	175.7	Pg	06:29:59.578	-0.1					T__		44.5		---	ML	1.7	250781	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.97	175.7	Lg	06:30:12.287	-1.7					T__				---		250782	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BEHE	1.02	235.5	Lg	06:30:14.767	0.6					T__				---		250783	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	1.32	299.7	Lg	06:30:24.333	0.8					T__				---		250784	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/06	08:14:08.83	1.06	1.13	47.3504	18.3846	8.4	3.7	145	0.0f		11	8	109	0.09	1.17	sx	BUD	18003678	BUD			191

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	18003678

Sta	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	278.6	Pg	08:14:11.448	0.2					T__		3212.2		---	ML	2.0	250902	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

CSKK	0.09	278.6	Lg	08:14:12.744	-0.8	T__	---	250905	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU09A	0.29	359.7	Pg	08:14:15.949	0.9	T__	261.7	---	ML	1.5	250903	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.29	359.7	Lg	08:14:19.345	-1.1	T__	---	250906	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU08A	0.32	284.7	Pg	08:14:17.463	1.7	T__	142.1	---	ML	1.4	250904	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.32	284.7	Lg	08:14:20.056	-1.5	T__	---	250907	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
MPLH	0.60	252.9	Lg	08:14:29.661	-0.8	T__	---	250908	FDSN	HU	--	BUD	iLoc	HHN	???	_			
HU10A	0.66	40.7	Lg	08:14:32.029	-1.2	T__	---	250912	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
ET1H	1.14	61.7	Sn	08:14:48.465	0.1	T__	---	250909	FDSN	HU	--	BUD	iLoc	HHN	???	_			
MORH	1.15	171.0	Sn	08:14:48.225	-0.3	T__	---	250911	FDSN	HU	--	BUD	iLoc	HHN	???	_			
PSZ	1.17	60.3	Sn	08:14:48.841	-0.4	T__	---	250910	FDSN	GE	--	BUD	iLoc	HHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/06	08:17:44.85	1.03	0.55	48.5652	20.7792	6.7	3.6	2	0.0f		13	8	129	0.17	1.25	sx	BUD	18003680	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	5 BUD	18003680

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.17	246.5	Pg	08:17:48.843	0.3					T__		357.8		---	ML	1.3	250973	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.17	246.5	Lg	08:17:51.772	0.3					T__				---		250982	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
KECS	0.21	247.3	Pg	08:17:49.354	0.1					T__	1243.5			---	ML	2.0	250974	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.21	247.3	Lg	08:17:52.419	-0.3					T__				---		250983	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=0)																										
ABAH	0.41	131.1	Pg	08:17:54.083	0.8					T__	65.6			---	ML	1.3	250975	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.41	131.1	Lg	08:17:59.455	-0.9					T__				---		250984	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=0)																										
HU02A	0.47	201.0	Lg	08:18:02.722	0.1					T__				---		250985	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.88	222.7	Pg	08:18:03.451	0.1					T__	40.2			---	ML	1.6	250976	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.88	222.7	Lg	08:18:16.488	-0.0					T__				---		250979	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
NIE	0.91	339.9	Lg	08:18:15.192	0.2					T__				---		250978	FDSN	PL	--	BUD	iLoc	BHE	???	_		
ET1H	0.92	221.8	Lg	08:18:16.999	-0.4					T__				---		250977	FDSN	HU	--	BUD	iLoc	HHN	???	_		
TRPA	1.25	109.7	Pg	08:18:08.392	-0.6					T__	48.9			---	ML	1.9	250981	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TRPA	1.25	109.7	Sn	08:18:26.359	-0.8					T__				---		250980	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/06	08:51:17.31	1.10	1.25	48.6349	21.3682	7.2	4.9	3	0.0f		11	8	104	0.35	1.25	sx	BUD	18003682	BUD			167

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 3 BUD 18003682

Sta	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	194.2	Lg	08:51:30.044	-0.7					T__						251024	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.57	256.1	Pg	08:51:28.382	-0.3					T__		47.6			ML	1.5	251018	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.57	256.1	Lg	08:51:37.840	0.6					T__						251025	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.61	255.8	Lg	08:51:38.434	-0.1					T__						251020	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.67	63.1	Lg	08:51:39.854	-1.2					T__						251026	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.76	227.9	Pg	08:51:32.881	-0.2					T__		48.7			ML	1.6	251017	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	227.9	Lg	08:51:44.092	-0.8					T__						251021	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
TRPA	0.93	122.5	Pg	08:51:36.085	0.7					T__		60.9			ML	1.8	251027	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.93	122.5	Lg	08:51:47.663	-2.7					T__						251022	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	1.05	318.5	Lg	08:51:52.863	-0.1					T__						251023	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ET1H	1.25	233.5	Sn	08:52:01.006	1.3					T__						251019	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  
 2022/09/06 08:58:32.29 1.31 1.05 48.3960 19.2051 9.6 4.6 146 0.0f 11 6 173 0.57 1.29 sx BUD 18003684 BUD 250

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 5 BUD 18003684

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.57	192.8	Pg	08:58:44.770	0.7					T__		130.7			ML	1.9	251056	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.57	192.8	Lg	08:58:53.044	-0.1					T__						251058	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
PSZ	0.66	135.7	Pg	08:58:46.590	0.1					T__		43.5			ML	1.5	251060	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.66	135.7	Lg	08:58:56.209	-0.5					T__						251059	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
KECS	0.86	83.7	Pg	08:58:50.343	1.0					T__		78.3			ML	1.9	251064	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.86	83.7	Lg	08:59:03.493	1.3					T__						251065	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.89	83.1	Pg	08:58:49.774	-0.2					T__		40.3			ML	1.6	251066	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.89	83.1	Lg	08:59:02.659	-0.7					T__						251061	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.92	106.8	Pg	08:58:51.977	0.7					T__		35.6			ML	1.6	251062	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.92	106.8	Lg	08:59:03.869	-1.5					T__						251063	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MODS	1.29	269.7	Sn	08:59:14.088	-1.4					T__						251057	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
2022/09/06	09:21:27.66	0.48	0.86	47.2590	18.2831	5.4	4.6	119	0.0A	0.0	6	5	127	0.11	1.27	m	kx BUD	18003686	BUD			360
2022/09/06	09:21:24.92	1.05	0.83	47.2302	18.2835f				0.0f		6	5	129	0.13	1.29		kx BUD_GT	18003687	BUD_GT			206

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	353.3	Pg	09:21:28.274	0.0					T__		239.2		___	ML	1.1	251109	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:21:30.429	-0.9					T__				___		251112	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU08A	0.32	309.6	Lg	09:21:37.008	-0.5					T__				___		251110	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.51	263.5	Lg	09:21:44.807	1.2					T__				___		251113	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.15	186.4	Sn	09:22:04.955	0.6					T__				___		251114	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.29	57.1	Sn	09:22:09.355	0.7					T__				___		251111	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/06	09:37:21.74	0.97	0.88	47.9097	16.1054	6.7	4.1	41	0.0f		8	5	139	0.16	1.50		sx BUD	18003688	BUD			201

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	276.5	Pg	09:37:24.586	-0.7					T__		139.5		___	ML	0.9	251144	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	276.5	Lg	09:37:27.836	0.1					T__				___		251149	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.25	148.5	Pg	09:37:26.539	-0.4					T__				___		251146	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.25	148.5	Lg	09:37:30.301	-0.2					T__				___		251145	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.77	211.1	Lg	09:37:47.729	1.4					T__				___		251147	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.17	9.4	Pg	09:37:44.652	0.5					T__		37.7		___	ML	1.7	251150	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.17	9.4	Lg	09:38:01.460	0.0					T__				___		251151	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CKRC	1.50	307.9	Sn	09:38:11.268	0.9					T__				___		251148	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/06	09:45:18.39	1.11	0.79	47.8017	20.1914	6.5	3.8	160	0.0f		12	9	119	0.23	0.86		sx BUD	18003690	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	18003690

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.23	289.9	Pg	09:45:24.230	0.6					T__		325.4		___	ML	1.4	251182	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.23	289.9	Lg	09:45:26.731	-1.0					T__				___		251183	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.23	300.4	Pg	09:45:24.138	0.3					T__		282.4		___	ML	1.4	251180	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ	0.23	300.4	Lg	09:45:27.461	-0.8	T__									251181	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
HU02A	0.39	34.8	Pg	09:45:27.042	0.2	T__	90.4								251178	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.39	34.8	Lg	09:45:32.958	-0.6	T__									251179	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
HU03A	0.41	284.6	Lg	09:45:34.564	0.8	T__									251184	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BSZH	0.51	174.1	Lg	09:45:37.301	-0.3	T__									251186	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.71	16.0	Lg	09:45:44.282	0.8	T__									251189	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.73	18.4	Lg	09:45:43.511	-0.7	T__									251187	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
HU10A	0.79	273.6	Lg	09:45:46.177	-1.2	T__									251188	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	0.86	54.5	Lg	09:45:49.244	-0.2	T__									251185	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
2022/09/06	19:20:30.27	0.67	0.67	47.8025	16.3404	3.5	3.1	96	11.3	4.5	43	26	43	0.11	2.13	ke	BUD	18003694	BUD			66

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	19 BUD	18003694

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	196.2	Pg	19:20:33.650	0.2					T__						251289	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.11	196.2	Lg	19:20:35.590	-0.1					T__						251288	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.19	129.0	Pg	19:20:35.026	0.4					T__	1066.8				_c_ ML	1.9	251286	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.19	129.0	Lg	19:20:37.856	0.1					T__						251287	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
CONA	0.35	291.5	Pg	19:20:37.506	-0.1					T__	371.3				_ ML	1.8	251291	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.35	291.5	Lg	19:20:42.802	0.3					T__						251292	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
A260A	0.58	154.4	Pg	19:20:41.969	0.0					T__	328.9				_ ML	2.3	251290	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.58	154.4	Lg	19:20:49.793	0.0					T__						251307	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
EGYH	0.77	119.5	Pn	19:20:47.058	-0.0					T__	341.6				_ ML	2.5	251293	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
ARSA	0.78	225.4	Pg	19:20:45.000	-0.6					T__	319.9				_ ML	2.4	251294	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.78	225.4	Lg	19:20:54.723	-0.7					T__						251308	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
MODS	0.85	47.4	Pg	19:20:47.227	-0.1					T__						251295	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.85	47.4	Lg	19:20:59.909	-0.1					T__						251309	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A019A	0.92	247.7	Pg	19:20:47.409	-0.9					T__	166.0				_ ML	2.2	251299	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	0.92	247.7	Lg	19:20:59.816	-0.3					T__						251310	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
A262A	0.95	172.2	Pg	19:20:49.160	0.4					T__	176.8				_ ML	2.3	251296	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.95	172.2	Sn	19:21:02.352	-0.6					T__						251311	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									



A261A	1.01	146.9	Lg	19:21:03.249	-0.4	T__				---		251312	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	1.03	127.4	Lg	19:21:04.563	-0.2	T__				---		251313	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A337A	1.07	65.0	Pn	19:20:51.097	-0.0	T__	163.6			---	ML	2.3	251298	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	1.07	65.0	Sn	19:21:06.115	0.2	T__				---		251314	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																					
(Station ML: 2.3 magdef=1)																					
HU08A	1.13	108.5	Pn	19:20:51.186	-0.8	T__	100.8			---	ML	2.1	251297	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.13	108.5	Sn	19:21:07.528	-0.0	T__				---		251315	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																					
(Station ML: 2.1 magdef=1)																					
BADH	1.26	141.9	Lg	19:21:11.517	0.1	T__				---		251316	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KRUC	1.26	1.6	Pn	19:20:53.455	-0.4	T__	117.7			---	ML	2.3	251300	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.26	1.6	Sn	19:21:10.090	-0.7	T__				---		251317	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																					
(Station ML: 2.3 magdef=1)																					
A263A	1.34	149.9	Lg	19:21:14.470	0.9	T__				---		251318	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOGS	1.36	182.6	Pg	19:20:56.036	0.1	T__	156.8			---	ML	2.4	251320	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.36	182.6	Lg	19:21:13.565	-0.0	T__				---		251319	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1)																					
(Station ML: 2.4 magdef=0)																					
JAVC	1.38	39.5	Pn	19:20:56.867	1.4	T__	63.4			---	ML	2.1	251301	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.38	39.5	Lg	19:21:16.368	-0.7	T__				---		251321	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																					
(Station ML: 2.1 magdef=1)																					
VRAC	1.52	6.3	Pn	19:20:57.178	-0.2	T__	15.2			---	ML	1.5	251302	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.52	6.3	Sn	19:21:17.409	0.3	T__				---		251322	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																					
(Station ML: 1.5 magdef=0)																					
TREC	1.60	339.5	Sn	19:21:19.435	0.4	T__				---		251323	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.70	307.7	Pg	19:21:02.099	0.1	T__	182.5			---	ML	2.7	251304	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.70	307.7	Sn	19:21:22.914	1.4	T__				---		251324	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																					
(Station ML: 2.7 magdef=0)																					
OBKA	1.78	224.0	Pg	19:21:03.942	1.0	T__	67.4			---	ML	2.3	251326	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.78	224.0	Lg	19:21:25.561	-1.4	T__				---		251325	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																					
(Station ML: 2.3 magdef=1)																					
VYHS	1.81	66.6	Pn	19:21:00.434	-0.9	T__	13.7			---	ML	1.6	251303	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																					
(Station ML: 1.6 magdef=0)																					
PTJ	1.91	187.8	Pg	19:21:06.971	1.1	T__	39.9			---	ML	2.2	251327	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.91	187.8	Lg	19:21:33.483	1.7	T__				---		251328	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																					
(Station ML: 2.2 magdef=1)																					
CRES	2.07	197.4	Pn	19:21:05.108	0.2	T__	23.7			---	ML	2.0	251305	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.0 magdef=1)																					
(Station ML: 2.0 magdef=1)																					
MORC	2.13	21.5	Pn	19:21:06.165	0.4	T__	26.5			---	ML	2.1	251306	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																					
(Station ML: 2.1 magdef=1)																					

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2022/09/06 22:59:50.41 0.89 0.52 47.9584 16.4430 6.6 4.9 12 8.6 13.4 9 6 111 0.28 1.35 ke BUD 18003696 BUD 160

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.28	201.0	Pg	22:59:56.267	-0.1					T__						251386	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.28	201.0	Lg	22:59:59.706	-0.7					T__						251385	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.29	164.2	Pg	22:59:56.834	0.4					T__		51.8			ML	0.8	251387	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.29	164.2	Lg	23:00:00.536	-0.0					T__						251388	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.39	265.8	Pg	22:59:58.614	0.1					T__		29.5			ML	0.9	251384	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.39	265.8	Lg	23:00:04.288	0.4					T__						251390	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MODS	0.70	53.0	Lg	23:00:14.587	-0.5					T__						251391	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.10	358.4	Sn	23:00:27.107	-0.4					T__						251389	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.35	4.2	Sn	23:00:34.047	0.3					T__						251392	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/07	07:10:58.95	0.37	0.62	48.0534	20.7040	4.3	3.6	173	0.0A	0.0	13	8	120	0.14	1.86	m	kx BUD	18003698	BUD			360
2022/09/07	07:10:57.32	0.92	0.41	48.0471	20.6805f				0.0f		13	8	121	0.13	1.87		kx BUD_GT	18003699	BUD_GT			196
(locality : Miskolc-Mexikóvölgy Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID  
ML 1.3 0.1 5 BUD 18003699

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	305.8	Pg	07:11:00.596	0.0					T__		482.2			ML	1.3	251421	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	305.8	Lg	07:11:02.842	-0.5					T__						251428	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.45	56.1	Lg	07:11:13.594	-0.8					T__						251427	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.46	343.5	Pg	07:11:06.908	0.3					T__		81.6			ML	1.5	251422	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.46	343.5	Lg	07:11:13.644	-0.0					T__						251429	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.46	348.2	Pg	07:11:06.832	0.2					T__		27.8			ML	1.0	251423	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	348.2	Lg	07:11:13.685	-0.1					T__						251424	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
PSZ	0.54	256.6	Pg	07:11:09.720	0.6					T__		29.4			ML	1.3	251425	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	256.6	Lg	07:11:17.387	-0.4					T__						251430	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ET1H	0.57	253.1	Lg	07:11:18.125	-0.1					T__						251426	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.31	290.6	Pg	07:11:23.667	-0.1					T__		18.8			ML	1.5	251432	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	290.6	Sn	07:11:41.145	-0.1					T__						251431	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
DRGR	1.87	131.6	Lg	07:11:59.354	-0.6					T__						251433	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/07	07:14:32.80	3.33	1.08	46.8651	22.8432	26.4	10.9	179	0.0f	6	4	284	0.12	1.56	sx	BUD	18003700	BUD				310

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.12	231.0	Pg	07:14:35.502	-0.0					T__		131.3		___	ML	0.7	251458	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.12	231.0	Lg	07:14:37.889	-0.0					T__				---		251463	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
GZR	1.47	181.8	Pn	07:15:00.687	0.0					T__		24.6		___	ML	1.7	251460	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.47	181.8	Sn	07:15:19.865	-0.8					T__				---		251459	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BZS	1.51	214.7	Lg	07:15:24.069	1.7					T__				---		251462	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.56	155.2	Sn	07:15:23.101	0.3					T__				---		251461	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/07	07:50:57.81	0.76	0.83	48.5405	19.3336	4.3	4.0	12	0.0f	20	12	78	0.33	1.71	sx	BUD	18003702	BUD				135

Magnitude Err Nsta Author OrigID  
ML 1.7 0.4 8 BUD 18003702

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.33	262.2	Pg	07:51:04.197	-0.6					T__		58.6		___	ML	1.0	251510	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	262.2	Lg	07:51:09.224	-0.7					T__				---		251509	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
HU03A	0.66	164.3	Lg	07:51:21.441	-0.1					T__				---		251512	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.73	148.7	Pg	07:51:13.836	0.6					T__		41.3		___	ML	1.5	251506	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	148.7	Lg	07:51:23.344	-1.0					T__				---		251514	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU10A	0.73	197.0	Lg	07:51:23.362	-0.9					T__				---		251513	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.75	151.3	Pg	07:51:15.252	1.6					T__		32.6		___	ML	1.4	251507	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.75	151.3	Lg	07:51:23.708	-1.1					T__				---		251508	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.77	93.9	Pg	07:51:13.027	-0.1					T__		180.9		___	ML	2.2	251505	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.77	93.9	Lg	07:51:24.153	-0.5					T__				---		251504	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	0.80	92.7	Pg	07:51:13.755	0.0					T__		98.3		___	ML	1.9	251502	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	92.7	Lg	07:51:25.043	-0.7					T__				---		251503	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	0.90	117.3	Pg	07:51:16.052	-0.3					T__		92.7		___	ML	2.0	251516	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	117.3	Lg	07:51:29.080	-1.1					T__				---		251515	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									

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(Station ML: 2.0 magdef=1
NIE 1.08 35.6 Pg 07:51:19.076 0.8 T__ 18.0 --- ML 1.4 251517 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.08 35.6 Lg 07:51:33.722 -0.3 T__ --- 251518 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JAVC 1.15 286.8 Sn 07:51:36.914 -0.7 T__ --- 251519 FDSN CZ -- BUD iLoc HHN ??? _
ABAH 1.29 100.2 Pn 07:51:23.850 0.7 T__ 39.5 --- ML 1.8 251511 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.29 100.2 Sn 07:51:41.773 0.7 T__ --- 251520 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORC 1.71 317.1 Sn 07:51:50.654 -0.8 T__ --- 251521 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/07 08:36:46.21 0.87 0.67 48.3223 19.8613 4.9 3.1 138 0.0f 17 11 90 0.40 1.72 sx BUD 18003704 BUD 144

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 18003704

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
PSZ 0.40 176.8 Pg 08:36:55.458 0.3 T__ 205.9 --- ML 1.7 251612 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.40 176.8 Lg 08:37:01.587 -0.2 T__ --- 251616 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.44 179.1 Pg 08:36:55.984 0.2 T__ 117.0 --- ML 1.6 251614 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.44 179.1 Lg 08:37:02.478 -0.2 T__ --- 251613 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
KECS 0.45 68.6 Pg 08:36:55.590 0.3 T__ 341.3 --- ML 2.1 251609 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.45 68.6 Lg 08:37:02.022 -0.1 T__ --- 251608 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU03A 0.45 202.8 Pg 08:36:56.368 0.5 T__ 149.3 --- ML 1.7 251615 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.45 202.8 Lg 08:37:02.376 -0.5 T__ --- 251617 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.48 68.7 Pg 08:36:55.812 -0.2 T__ 169.3 _c_ ML 1.9 251607 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.48 68.7 Lg 08:37:03.540 0.1 T__ --- 251619 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.49 114.0 Lg 08:37:03.785 -0.7 T__ --- 251620 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.70 284.5 Lg 08:37:10.101 -0.8 T__ --- 251621 FDSN SK -- BUD iLoc HHN ??? _
HU10A 0.74 230.1 Lg 08:37:12.135 -1.1 T__ --- 251622 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.92 91.1 Pg 08:37:04.642 0.2 T__ 79.1 --- ML 1.9 251611 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.92 91.1 Lg 08:37:17.508 -1.3 T__ --- 251610 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.13 14.6 Lg 08:37:24.026 -0.2 T__ --- 251623 FDSN PL -- BUD iLoc BHN ??? _
MODS 1.72 272.7 Sn 08:37:41.310 1.1 T__ --- 251618 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

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2022/09/07 08:47:44.39 0.90 0.98 48.5353 17.5605 5.2 3.2 134 0.0f 10 7 133 0.25 1.29 sx BUD 18003706 BUD 213

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.25	229.5	Pg	08:47:49.905	-0.0					T__						251654	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.25	229.5	Lg	08:47:53.263	-1.1					T__						251657	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.33	12.7	Pg	08:47:50.815	-0.8					T__		122.9		---	ML	1.3	251655	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.33	12.7	Lg	08:47:57.006	-0.3					T__						251658	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VVHS	0.85	92.3	Pg	08:48:02.114	0.6					T__		12.2		---	ML	1.1	251659	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.85	92.3	Lg	08:48:13.524	-0.4					T__						251663	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KRUC	0.93	304.8	Lg	08:48:17.437	1.4					T__						251656	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.19	225.8	Lg	08:48:23.463	0.1					T__						251660	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.24	359.5	Lg	08:48:26.338	1.5					T__						251662	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.29	242.5	Lg	08:48:26.415	0.1					T__						251661	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/07	08:51:51.96	0.25	1.10	46.8397	17.2910	3.1	2.8	60	0.0A	0.0	18	13	65	0.13	1.53	m	kx BUD	18003708	BUD			360
2022/09/07	08:51:50.53	0.85	1.74	46.8902	17.3220f				0.0f		18	13	65	0.13	1.48		kx BUD_GT	18003709	BUD_GT			105

(locality : Uzsa Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
ML 2.1 0.3 7 BUD 18003709

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BADH	0.13	129.3	Pg	08:51:53.871	0.0					T__		2522.5		---	ML	2.1	251759	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.13	129.3	Lg	08:51:55.448	-1.1					T__						251760	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A261A	0.13	297.5	Pg	08:51:55.847	2.0					T__		11082.6		---	ML	2.7	251753	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	297.5	Pg	08:51:55.847	2.0					T__						251761	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
A263A	0.25	181.1	Lg	08:51:57.501	-2.7					T__						251762	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MPLH	0.32	27.9	Pg	08:51:58.745	1.3					T__		1099.0		---	ML	2.2	251752	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	27.9	Lg	08:52:03.236	0.3					T__						251755	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BEHE	0.56	222.0	Pg	08:51:59.555	-2.7					T__		337.7		---	ML	2.3	251764	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.56	222.0	Lg	08:52:07.270	-2.9					T__						251763	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU08A	0.68	37.0	Lg	08:52:14.613	-0.9					T__						251765	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A266A	0.74	119.0	Lg	08:52:17.766	1.1					T__						251766	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
CSKK	0.80	53.2	Lg	08:52:19.218	-0.7					T__						251756	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	0.97	145.9	Pn	08:52:12.191	2.0					T__		72.8		---	ML	1.9	251754	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									

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(Station ML: 1.9 magdef=1
MORH 1.13 126.0 Pg 08:52:13.485 0.3 T__ 39.3 --- ML 1.7 251767 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ARSA 1.28 287.0 Sn 08:52:35.282 2.7 T__ --- 251757 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.44 316.9 Pg 08:52:20.106 1.3 T__ 36.1 --- ML 1.9 251769 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.44 316.9 Lg 08:52:38.482 1.1 T__ --- 251768 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 1.48 358.9 Lg 08:52:41.986 -0.8 T__ --- 251758 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
2022/09/07 09:11:07.86 0.96 0.56 46.1313 18.0490 5.2 4.0 133 0.0f 9 5 124 0.06 1.10 sx BUD 18003710 BUD 200

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 4 BUD 18003710

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Sta 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 0.06 140.5 Pg 09:11:09.568 -0.1 T__ 1192.8 _c_ ML 1.5 251804 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.06 140.5 Lg 09:11:10.933 -0.5 T__ --- 251805 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A273A 0.27 217.1 Pg 09:11:13.695 -0.1 T__ 605.8 --- ML 1.8 251806 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A273A 0.27 217.1 Lg 09:11:18.651 0.7 T__ --- 251807 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORH 0.42 78.3 Pg 09:11:17.013 0.3 T__ 40.5 --- ML 1.1 251809 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.42 78.3 Lg 09:11:23.405 -0.2 T__ --- 251808 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A266A 0.42 20.7 Lg 09:11:24.139 0.5 T__ 251810 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 1.10 341.5 Pg 09:11:29.199 -0.7 T__ 49.9 --- ML 1.8 251812 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.10 341.5 Lg 09:11:46.597 0.4 T__ --- 251811 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/07 09:25:26.98 0.96 0.84 48.5314 17.4629 8.2 3.4 121 0.0f 7 5 141 0.20 1.23 sx BUD 18003712 BUD 261

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.20 218.1 Pg 09:25:31.881 0.3 T__ --- 251848 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.20 218.1 Lg 09:25:34.635 -0.8 T__ --- 251850 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.36 22.7 Pg 09:25:35.198 0.5 T__ 91.4 --- ML 1.2 251849 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.36 22.7 Lg 09:25:39.401 -1.3 T__ --- 251852 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
A337A 0.36 142.7 Lg 09:25:40.238 -0.3 T__ --- 251853 FDSN Z3 00 BUD iLoc HHN ??? _
ZST 0.41 215.7 Pg 09:25:35.966 0.3 T__ --- 251851 FDSN SK -- BUD iLoc HHZ ??? _

```

CONA 1.23 241.2 Lg 09:26:07.020 -0.0 T\_\_ --- 251854 FDSN OE -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/07	09:28:18.22	1.59	1.18	48.7420	21.1893	12.1	7.4	165	0.0f	10	7	193		0.45	1.23	sx	BUD	18003714	BUD			294

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 3 BUD 18003714

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.45	175.7	Lg	09:28:34.366	-0.6					T__						251902	FDSN	HU	--	BUD	iLoc	HHE	???	_	
JOS	0.50	240.5	Pg	09:28:28.644	0.5					T__		67.9			ML	1.5	251896	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	240.5	Lg	09:28:36.397	0.7					T__						251903	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.53	241.3	Pg	09:28:29.302	0.4					T__		145.4			ML	1.9	251897	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.53	241.3	Lg	09:28:35.680	-1.3					T__						251904	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOLS	0.74	74.6	Lg	09:28:44.018	-0.4					T__						251899	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.76	215.7	Pg	09:28:34.956	1.0					T__		43.9			ML	1.6	251898	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	215.7	Lg	09:28:46.001	0.2					T__						251901	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.19	226.8	Sn	09:28:56.882	-2.3					T__						251905	FDSN	GE	--	BUD	iLoc	HHE	???	_	
ET1H	1.23	226.0	Sn	09:29:00.328	0.3					T__						251900	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
2022/09/07	09:59:55.81	1.04	1.28	47.0398	17.7176	6.5	5.1	96	0.0f	7	5	122		0.18	1.04	sx	BUD	18003716	BUD			184

Magnitude Err Nsta Author OrigID

Sta	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	317.1	Pg	09:59:59.514	-0.6					T__		195.3			ML	1.1	251928	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.18	317.1	Lg	10:00:04.329	0.7					T__						251931	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
BADH	0.29	215.7	Lg	10:00:07.809	1.0					T__						251932	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.42	19.7	Pg	10:00:05.502	0.9					T__		120.9			ML	1.5	251930	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.42	19.7	Lg	10:00:10.600	-1.2					T__						251929	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOVH	0.99	164.4	Lg	10:00:29.474	-0.6					T__						251933	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.04	141.9	Lg	10:00:30.376	-1.5					T__						251934	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
2022/09/07	11:44:47.95	1.48	0.55	46.0555	21.7831	14.3	5.8	120	0.0f	6	4	205		0.45	1.52	sx	BUD	18003718	BUD			277

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BZS	0.45	194.9	Pg	11:44:57.086	0.1					T__		61.8		---	ML	1.4	251972	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.45	194.9	Lg	11:45:03.438	-0.2					T__				---		251973	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
GZR	0.96	133.2	Lg	11:45:19.547	-0.2					T__				---		251974	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	0.98	40.7	Pg	11:45:07.606	0.1					T__		48.9		---	ML	1.7	251971	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.98	40.7	Lg	11:45:20.917	-0.9					T__				---		251970	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
LOT	1.52	112.9	Sn	11:45:37.175	0.2					T__				---		251975	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/08	06:47:28.11	0.90	0.81	48.3904	19.5438	4.4	3.4	5	0.0f		14	9	102	0.48	1.14	sx	BUD	18003724	BUD			172

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	18003724

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.48	282.7	Pg	06:47:38.305	0.3					T__		26.9		---	ML	1.1	252088	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.48	282.7	Lg	06:47:44.397	-0.9					T__				---		252087	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
HU03A	0.49	175.6	Lg	06:47:47.667	1.7					T__				---		252089	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.53	153.4	Pg	06:47:38.298	-1.2					T__		49.8		---	ML	1.5	252084	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.53	153.4	Lg	06:47:48.451	0.6					T__				---		252085	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
ET1H	0.56	156.7	Lg	06:47:48.797	0.4					T__				---		252086	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.63	81.2	Pg	06:47:41.165	0.3					T__		90.1		---	ML	1.8	252082	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.63	81.2	Lg	06:47:50.614	0.2					T__				---		252081	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=0)																					
HU10A	0.65	213.0	Lg	06:47:51.597	-0.3					T__				---		252091	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.67	80.6	Pg	06:47:41.640	0.1					T__		40.9		---	ML	1.5	252083	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	80.6	Lg	06:47:50.806	-0.9					T__				---		252090	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
HU02A	0.71	111.9	Pg	06:47:43.201	0.4					T__		25.2		---	ML	1.3	252080	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	111.9	Lg	06:47:53.463	-0.5					T__				---		252092	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
NIE	1.14	25.6	Lg	06:48:06.646	0.3					T__				---		252093	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
2022/09/08	08:21:02.66	1.08	0.96	47.9122	16.4711	6.4	4.8	84	0.0f		10	7	137	0.24	1.70	sx	BUD	18003728	BUD			211

Magnitude	Err	Nsta	Author	OrigID

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



RONA	0.24	209.1	Pg	08:21:07.084	-0.7	T__	---	252159	FDSN	OE	--	BUD	iLoc	HHZ	???	_			
RONA	0.24	209.1	Lg	08:21:10.937	-0.4	T__	---	252160	FDSN	OE	--	BUD	iLoc	HHN	???	_			
CONA	0.41	272.5	Pg	08:21:11.174	0.2	T__	26.0	---	ML	0.9	252161	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.41	272.5	Lg	08:21:17.127	0.6	T__	---	252165	FDSN	OE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
ARSA	0.92	224.5	Lg	08:21:33.728	1.7	T__	---	252166	FDSN	OE	--	BUD	iLoc	HHN	???	_			
MPLH	1.04	135.3	Lg	08:21:39.851	1.4	T__	---	252163	FDSN	HU	--	BUD	iLoc	HHE	???	_			
A019A	1.05	244.0	Lg	08:21:36.421	0.1	T__	---	252162	FDSN	Z3	00	BUD	iLoc	HH2	???	_			
KRUC	1.15	357.5	Pg	08:21:24.467	-0.3	T__	25.8	---	ML	1.6	252158	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.15	357.5	Lg	08:21:41.302	-0.5	T__	---	252167	FDSN	CZ	--	BUD	iLoc	HHE	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
CKRC	1.70	303.0	Sn	08:21:55.647	-0.5	T__	---	252164	FDSN	CZ	--	BUD	iLoc	HHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/08	08:41:33.11	0.67	0.77	48.9469	18.3220	4.7	3.2	28	0.0f	21	14	73	0.44	1.68	sx	BUD	18003730	BUD				108

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	7 BUD	18003730

Sta	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	0.44	258.7	Pg	08:41:41.905	-0.4	T__	---	84.1	---	ML	1.4	252208	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_				
JAVC	0.44	258.7	Lg	08:41:49.391	-0.1	T__	---	---	---	---	---	---	---	---	252211	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
VYHS	0.57	142.9	Pg	08:41:44.643	0.0	T__	---	36.7	---	ML	1.4	252210	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_				
VYHS	0.57	142.9	Lg	08:41:52.422	-0.5	T__	---	---	---	---	---	---	---	---	252212	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
MODS	0.90	230.8	Pg	08:41:51.509	0.2	T__	---	---	---	---	---	---	---	---	252206	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.90	230.8	Lg	08:42:04.437	-0.5	T__	---	---	---	---	---	---	---	---	252207	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	0.97	328.8	Pg	08:41:51.499	0.2	T__	---	41.0	---	ML	1.7	252214	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_				
MORC	0.97	328.8	Lg	08:42:04.500	-0.4	T__	---	---	---	---	---	---	---	---	252213	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
VRAC	1.19	288.3	Lg	08:42:13.785	0.9	T__	---	---	---	---	---	---	---	---	252209	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
HU10A	1.20	156.9	Pn	08:41:57.417	0.3	T__	---	71.2	---	ML	2.0	252215	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_				
HU10A	1.20	156.9	Sn	08:42:13.412	-0.6	T__	---	---	---	---	---	---	---	---	252216	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KRUC	1.27	275.9	Sn	08:42:15.797	-0.2	T__	---	---	---	---	---	---	---	---	252217	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
NIE	1.38	69.3	Pn	08:41:59.603	-0.1	T__	---	19.1	---	ML	1.5	252218	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_				
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
PSZ	1.47	133.9	Sn	08:42:22.508	1.7	T__	---	---	---	---	---	---	---	---	252219	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.49	135.4	Sn	08:42:22.434	1.2	T__	---	---	---	---	---	---	---	---	252222	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	1.51	107.1	Pg	08:42:02.776	-0.0	T__	---	70.6	---	ML	2.2	252221	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_				
KECS	1.51	107.1	Sn	08:42:20.743	-0.9	T__	---	---	---	---	---	---	---	---	252220	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								
JOS	1.54	106.3	Pn	08:42:02.488	0.7	T__	---	20.6	---	ML	1.7	252224	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_				

JOS 1.54 106.3 Sn 08:42:21.989 -0.4 T\_\_ --- 252223 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 OJC 1.60 36.5 Sn 08:42:22.834 -1.1 T\_\_ --- 252225 FDSN PL -- BUD iLoc BHN ??? \_  
 HU02A 1.68 118.6 Sn 08:42:24.965 -1.1 T\_\_ --- 252226 FDSN ZJ 00 BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/08 08:44:52.44 0.89 0.91 48.5269 20.4166 4.9 3.7 4 0.0f 16 9 115 0.06 1.74 sx BUD 18003732 BUD 136

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.3 7 BUD 18003732

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 KECS 0.06 133.6 Pg 08:44:53.636 -0.4 T\_\_ 1234.0 --- ML 1.6 252272 FDSN SK -- BUD iLoc EHZ EHZ \_  
 KECS 0.06 133.6 Lg 08:44:55.553 0.2 T\_\_ --- 252278 FDSN SK -- BUD iLoc EHE ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 JOS 0.09 110.9 Pg 08:44:53.937 -0.5 T\_\_ 363.9 \_c\_ ML 1.1 252270 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 0.09 110.9 Lg 08:44:55.745 -0.4 T\_\_ --- 252271 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1  
 HU02A 0.41 169.8 Pg 08:45:01.415 0.2 T\_\_ 33.8 --- ML 1.0 252273 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.41 169.8 Lg 08:45:07.276 -0.8 T\_\_ --- 252279 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=0  
 ABAH 0.60 112.5 Pg 08:45:06.354 1.9 T\_\_ 49.4 --- ML 1.5 252274 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ABAH 0.60 112.5 Lg 08:45:12.854 -1.6 T\_\_ --- 252275 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 PSZ 0.70 210.0 Pg 08:45:07.188 -0.2 T\_\_ 49.9 --- ML 1.6 252281 FDSN GE -- BUD iLoc HHZ HHZ \_  
 PSZ 0.70 210.0 Lg 08:45:17.742 -0.4 T\_\_ --- 252280 FDSN GE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=0  
 ET1H 0.74 209.6 Pg 08:45:08.800 0.7 T\_\_ 23.3 --- ML 1.3 252277 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ET1H 0.74 209.6 Lg 08:45:18.880 -0.3 T\_\_ --- 252276 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 NIE 0.90 355.1 Lg 08:45:20.756 -1.3 T\_\_ --- 252282 FDSN PL -- BUD iLoc BHN ??? \_  
 VYHS 1.05 268.8 Pg 08:45:13.780 0.1 T\_\_ 13.5 --- ML 1.2 252283 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 1.05 268.8 Lg 08:45:28.570 -0.2 T\_\_ --- 252284 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 OJC 1.74 346.8 Sn 08:45:47.693 0.8 T\_\_ --- 252285 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  
 2022/09/08 09:23:50.89 0.93 0.65 48.3968 20.6156 4.8 3.3 69 0.0f 9 6 130 0.11 0.72 sx BUD 18003734 BUD 219

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.1 3 BUD 18003734

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.11	332.9	Pg	09:23:53.353	-0.0					T__		349.9		_c_	ML	1.2	252318	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	332.9	Lg	09:23:55.015	-0.4					T__						252323	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
KECS	0.12	315.0	Lg	09:23:56.355	0.5					T__						252324	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.28	192.5	Pg	09:23:57.105	-0.0					T__		29.6			ML	0.6	252319	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.28	192.5	Lg	09:24:01.944	-0.1					T__						252325	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.6 magdef=1)																					
				(Station ML: 0.6 magdef=1)																					
ABAH	0.43	103.4	Pg	09:24:00.228	0.5					T__		50.3			ML	1.2	252320	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	103.4	Lg	09:24:05.815	-1.3					T__						252321	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
PSZ	0.68	225.5	Lg	09:24:15.603	-0.3					T__						252326	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.72	224.2	Lg	09:24:16.889	0.1					T__						252322	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
2022/09/08	09:39:27.93	1.42	1.69	47.4282	18.7444	10.7	3.9	167	0.0f		8	7	185	0.20	0.92	sx	BUD	18003736	BUD			200

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BUD	0.20	73.6	Lg	09:39:36.176	-0.3					T__						252354	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.32	310.8	Pg	09:39:36.226	1.4					T__		210.4			ML	1.5	252350	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.32	310.8	Lg	09:39:39.732	-1.0					T__						252351	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=0)																					
CSKK	0.34	259.0	Lg	09:39:39.768	-1.5					T__						252348	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.46	23.9	Lg	09:39:43.694	-1.7					T__						252352	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.56	270.6	Lg	09:39:46.780	-1.8					T__						252349	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.89	59.0	Lg	09:39:58.723	-1.1					T__						252353	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.92	57.3	Lg	09:40:00.075	-1.3					T__						252355	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/08	10:48:10.98	0.75	1.32	48.2756	21.2033	6.7	3.8	179	0.0f		17	9	110	0.03	1.80	sx	BUD	18003738	BUD			147

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 7 BUD 18003738

Sta	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	0.03	49.8	Pg	10:48:11.574	-0.6					T__		10856.9		_c_	ML	2.4	252403	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.03	49.8	Lg	10:48:13.619	0.1					T__						252412	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.4 magdef=1)																					
				(Station ML: 2.4 magdef=0)																					
HU02A	0.48	251.6	Pg	10:48:20.848	-0.3					T__		68.3			ML	1.5	252404	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	251.6	Lg	10:48:27.823	-1.2					T__						252413	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=0)																					
JOS	0.49	296.7	Pg	10:48:20.928	-0.0					T__		87.9			ML	1.6	252405	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

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JOS 0.49 296.7 Lg 10:48:28.350 -0.2 T__ --- 252418 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.52 293.7 Pg 10:48:21.622 0.1 T__ 132.7 --- ML 1.9 252406 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.52 293.7 Lg 10:48:29.364 -0.2 T__ --- 252414 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
TRPA 0.91 98.7 Pg 10:48:28.042 -0.6 T__ 46.1 --- ML 1.7 252407 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.91 98.7 Lg 10:48:40.020 -3.4 T__ --- 252415 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 0.95 248.3 Lg 10:48:43.525 -1.6 T__ --- 252416 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 46.8 Pn 10:48:32.093 0.2 T__ --- 252409 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.97 46.8 Lg 10:48:45.167 -0.1 T__ --- 252408 FDSN SK -- BUD iLoc HHE ??? _
ET1H 0.98 246.5 Pg 10:48:30.885 -0.5 T__ 35.1 --- ML 1.6 252411 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.98 246.5 Lg 10:48:44.908 -0.8 T__ --- 252410 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 1.80 144.9 Pn 10:48:44.336 1.0 T__ 24.4 --- ML 1.9 252417 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.80 144.9 Sn 10:49:09.388 2.4 T__ --- 252419 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/09 08:37:02.02 0.72 1.29 47.8951 20.0754 4.4 2.7 164 0.0f 25 16 58 0.12 2.52 sx BUD 18003740 BUD 92

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 9 BUD 18003740

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.12 280.9 Pg 08:37:05.345 0.0 T__ 2618.8 --- ML 2.1 252487 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 280.9 Lg 08:37:07.226 -0.9 T__ --- 252495 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ET1H 0.14 263.4 Pg 08:37:05.505 0.1 T__ 1163.3 --- ML 1.8 252488 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.14 263.4 Lg 08:37:07.422 -0.8 T__ --- 252496 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU23A 0.28 155.3 Lg 08:37:12.889 -0.4 T__ --- 252497 FDSN ZJ 00 BUD iLoc HHN ??? _
HU03A 0.32 271.7 Pg 08:37:09.412 0.4 T__ 249.3 --- ML 1.6 252489 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.32 271.7 Lg 08:37:14.287 0.0 T__ --- 252498 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.38 52.9 Pg 08:37:09.522 -0.7 T__ 342.0 --- ML 1.9 252490 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.38 52.9 Lg 08:37:14.689 -2.0 T__ --- 252499 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.65 24.9 Pg 08:37:17.282 2.2 T__ 146.4 --- ML 2.0 252491 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.65 24.9 Lg 08:37:23.764 -1.2 T__ --- 252500 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 0.68 27.1 Pg 08:37:15.785 0.2 T__ 103.0 --- ML 1.9 252492 FDSN ZJ -- BUD iLoc HHZ HHZ _

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JOS	0.68	27.1	Lg	08:37:24.056	-1.9	T__								252501	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
HU10A	0.71	266.4	Lg	08:37:26.428	-1.8	T__								252502	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.88	62.4	Pg	08:37:20.934	1.5	T__	103.3						ML	2.0	252493	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.88	62.4	Lg	08:37:32.583	-1.0	T__								252503	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
VYHS	1.02	306.3	Pg	08:37:22.550	-0.2	T__	25.4						ML	1.5	252494	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.02	306.3	Lg	08:37:36.171	-1.5	T__								252504	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=0)																							
NIE	1.53	5.5	Sn	08:37:52.630	1.3	T__								252505	FDSN	PL	--	BUD	iLoc	BHN	???	_	
MODS	1.93	285.4	Sn	08:38:02.667	1.5	T__								252506	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.95	210.7	Lg	08:38:06.372	-2.2	T__								252507	FDSN	HU	--	BUD	iLoc	HHN	???	_	
DRGR	2.10	120.7	Pn	08:37:38.940	0.4	T__	36.8						ML	2.2	252509	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	2.10	120.7	Sn	08:38:06.475	1.0	T__								252508	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=0)																							
KOVH	2.26	217.5	Lg	08:38:16.866	-1.3	T__								252510	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORC	2.52	319.3	Lg	08:38:25.030	0.6	T__								252511	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/09	08:46:35.88	0.96	0.64	47.9002	20.0755	5.9	3.1	161	0.0f		13	9	105	0.12	1.02	sx	BUD	18003742	BUD			198

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	4 BUD	18003742

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.12	278.6	Pg	08:46:39.385	0.2					T__		1071.5			ML	1.7	252553	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.12	278.6	Lg	08:46:41.667	-0.3					T__						252557	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	0.14	261.4	Pg	08:46:39.440	0.1					T__	339.4				ML	1.2	252554	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.14	261.4	Lg	08:46:42.087	0.0					T__						252558	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU23A	0.29	155.7	Lg	08:46:46.916	-0.4					T__						252559	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	0.32	270.8	Lg	08:46:48.658	0.6					T__						252560	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.37	53.5	Pg	08:46:44.333	0.3					T__	136.3				ML	1.5	252555	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.37	53.5	Lg	08:46:49.793	-0.6					T__						252561	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.64	25.0	Lg	08:46:59.192	0.5					T__						252562	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.67	27.3	Pg	08:46:49.153	-0.2					T__	31.0				ML	1.4	252556	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	27.3	Lg	08:47:00.310	0.7					T__						252563	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.88	62.7	Lg	08:47:06.755	-0.6					T__						252564	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	1.02	306.1	Lg	08:47:09.991	-1.4					T__						252565	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  
 2022/09/09 09:45:04.28 0.66 1.06 48.4091 17.2719 3.5 3.5 88 0.0f 26 17 54 0.04 2.01 sx BUD 18003744 BUD 77

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.2 9 BUD 18003744

Sta	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	174.1	Pg	09:45:05.094	-0.6					T__						252615	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	174.1	Lg	09:45:05.916	-1.2					T__						252622	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.52	30.3	Pg	09:45:15.374	0.1					T__	203.9			---	ML	2.1	252616	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	30.3	Lg	09:45:22.404	-1.3					T__				---		252623	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
KRUC	0.87	318.7	Pg	09:45:21.418	0.4					T__		57.5		---	ML	1.7	252617	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.87	318.7	Lg	09:45:32.757	-1.2					T__				---		252624	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
RONA	0.97	223.0	Pg	09:45:22.404	-1.0					T__				---		252618	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
VRAC	1.01	333.8	Pg	09:45:23.390	0.1					T__		14.2		---	ML	1.2	252620	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.01	333.8	Lg	09:45:38.198	0.1					T__				---		252625	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
VYHS	1.04	84.7	Pg	09:45:25.649	0.3					T__		39.7		---	ML	1.7	252628	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.04	84.7	Lg	09:45:40.220	-0.2					T__				---		252627	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CONA	1.06	243.5	Pg	09:45:24.449	-0.7					T__		61.8		---	ML	1.9	252619	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.06	243.5	Lg	09:45:39.440	0.5					T__				---		252626	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU08A	1.07	155.6	Sn	09:45:40.396	-1.7					T__				---		252629	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	1.07	135.6	Sn	09:45:40.786	-1.3					T__				---		252630	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	1.24	147.2	Sn	09:45:46.571	0.3					T__				---		252632	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.25	171.6	Sn	09:45:46.253	-0.3					T__				---		252631	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	1.30	115.1	Lg	09:45:52.193	1.9					T__				---		252633	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORC	1.38	7.3	Pg	09:45:29.525	-0.4					T__		35.2		---	ML	1.8	252621	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.38	7.3	Lg	09:45:48.770	-0.4					T__				---		252634	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	1.65	226.1	Pn	09:45:36.123	1.6					T__		41.4		---	ML	2.0	252636	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.65	226.1	Lg	09:45:58.399	1.6					T__				---		252635	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A019A	1.76	237.6	Pn	09:45:35.521	-0.6					T__		35.9		---	ML	2.0	252638	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	1.76	237.6	Sn	09:45:59.623	0.4					T__				---		252637	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	1.82	104.6	Pg	09:45:42.891	1.8					T__		30.0		---	ML	2.0	252639	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CKRC	2.01	282.9	Sn	09:46:06.456	1.2					T__				---		252640	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/09	10:01:00.05	1.05	0.77	48.1277	16.9580	13.0	3.9	130	0.0f	7	4	185	0.33	1.01	sx	BUD	18003746	BUD				297

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.33	40.8	Pg	10:01:07.066	-0.1					T__						252673	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.33	40.8	Lg	10:01:11.813	-1.0					T__						252674	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.62	226.4	Pg	10:01:12.306	-0.1					T__						252675	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.62	226.4	Lg	10:01:20.998	0.3					T__						252676	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	0.87	32.7	Pg	10:01:18.916	1.0					T__		39.8				252679	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.87	32.7	Lg	10:01:31.405	-0.0					T__						252678	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								
KRUC	1.01	338.4	Lg	10:01:33.779	-0.5					T__						252677	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/09	11:29:17.68	1.72	0.45	48.7003	19.2366	12.0	5.1	172	0.0f	7	6	230	0.34	0.92	sx	BUD	18003750	BUD					273

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.34	232.3	Pg	11:29:24.585	-0.1					T__		41.5				252753	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.34	232.3	Lg	11:29:30.063	0.3					T__						252756	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=0)																								
KECS	0.86	104.2	Lg	11:29:47.026	-0.4					T__						252755	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU10A	0.87	189.7	Lg	11:29:48.759	-0.3					T__						252757	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	0.89	102.8	Lg	11:29:48.981	0.5					T__						252758	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
PSZ	0.90	150.5	Lg	11:29:49.931	-0.1					T__						252759	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.92	152.5	Lg	11:29:50.959	0.5					T__						252754	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	
2022/09/12	06:53:49.81	1.42	1.59	48.1691	21.4938	10.5	7.3	173	0.0f	11	8	162	0.21	1.13	sx	BUD	18003760	BUD					221

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 3 BUD 18003760

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.21	306.9	Pg	06:53:55.549	1.0					T__		785.8				252944	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.21	306.9	Lg	06:53:57.451	-1.2					T__						252952	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU02A	0.65	266.2	Pg	06:54:03.317	-0.1					T__		28.7				252946	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.65	266.2	Lg	06:54:13.391	-0.3					T__						252953	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
TRPA	0.70	92.8	Lg	06:54:14.752	-0.8					T__						252947	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	0.72	297.5	Pg	06:54:04.905	0.8					T__		32.1				252945	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.72	297.5	Lg	06:54:13.725	-1.2					T__						252948	FDSN	ZJ	--	BUD	iLoc	HHN	???	_

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.74 295.4 Lg 06:54:14.073 -1.8 T__ --- 252949 FDSN SK -- BUD iLoc EHN ??? _
KOLS 0.92 33.8 Lg 06:54:19.172 -3.2 T__ --- 252950 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.10 257.4 Sn 06:54:28.034 -0.5 T__ --- 252951 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.13 255.7 Sn 06:54:29.977 0.9 T__ --- 252954 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
2022/09/12 08:17:39.21 1.45 0.73 48.5462 20.7397 10.7 3.8 7 0.0f 12 7 218 0.14 1.27 sx BUD 18003762 BUD 290

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Magnitude Err Nsta Author OrigID
ML 1.2 0.1 5 BUD 18003762

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.14 249.3 Pg 08:17:42.339 0.1 T__ 268.8 --- ML 1.1 252984 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.14 249.3 Lg 08:17:45.333 0.6 T__ --- 252991 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.18 249.6 Pg 08:17:42.825 -0.2 T__ 1353.7 --- ML 1.9 252985 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.18 249.6 Lg 08:17:46.446 0.4 T__ --- 252992 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
ABAH 0.42 126.7 Pg 08:17:48.347 0.6 T__ 75.1 --- ML 1.3 252987 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.42 126.7 Lg 08:17:53.283 -1.7 T__ --- 252988 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.45 198.7 Pg 08:17:48.509 -0.2 T__ 37.7 --- ML 1.1 252986 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 198.7 Lg 08:17:56.652 0.6 T__ --- 252993 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
PSZ 0.85 222.3 Lg 08:18:09.831 0.0 T__ 252989 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.88 221.3 Pg 08:17:58.057 0.3 T__ 15.8 --- ML 1.2 252990 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.88 221.3 Lg 08:18:10.448 -0.3 T__ --- 252994 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
VYHS 1.27 268.3 Sn 08:18:21.280 -0.6 T__ --- 252995 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
2022/09/12 08:19:33.22 1.62 1.41 48.4379 21.4194 10.9 8.6 137 0.0f 8 6 171 0.19 1.15 sx BUD 18003764 BUD 304

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.19 220.2 Pg 08:19:37.545 0.2 T__ 175.7 --- ML 1.1 253025 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.19 220.2 Lg 08:19:40.822 -0.2 T__ --- 253026 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.59 276.0 Lg 08:19:53.371 -0.6 T__ 253023 FDSN ZJ -- BUD iLoc HHN ??? _
KECS 0.62 274.5 Lg 08:19:53.869 -1.3 T__ --- 253022 FDSN SK -- BUD iLoc EHN ??? _
HU02A 0.68 242.5 Pg 08:19:49.094 1.8 T__ 21.7 --- ML 1.2 253024 FDSN ZJ 00 BUD iLoc HHZ HHZ _

```



HU02A	0.68	242.5	Lg	08:19:56.214	-1.7	T__	---	253027	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																
(Station ML: 1.2 magdef=1)																
KOLS	0.75	48.4	Lg	08:19:58.782	-1.1	T__	---	253028	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.15	243.6	Sn	08:20:12.321	-0.7	T__	---	253029	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/12	08:38:47.41	0.86	1.14	48.8884	21.3153	8.3	4.2	154	0.0f	13	8	129	0.63	1.66	sx	BUD	18003766	BUD				250

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	18003766

Sta	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	0.63	85.6	Pg	08:38:59.635	0.0					T__						253062	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
KOLS	0.63	85.6	Lg	08:39:08.091	-1.8					T__						253063	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JOS	0.65	232.9	Pg	08:38:59.797	-0.5					T__	71.7			ML	1.7	253057	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.65	232.9	Lg	08:39:10.114	0.1					T__						253064	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
KECS	0.68	233.9	Pg	08:39:00.202	-0.8					T__	221.0			ML	2.2	253058	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	0.68	233.9	Lg	08:39:10.842	-0.4					T__						253065	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=1)																										
NIE	0.85	308.9	Lg	08:39:15.171	-0.5					T__						253061	FDSN	PL	--	BUD	iLoc	BHN	???	_		
HU02A	0.93	214.7	Pg	08:39:06.190	-0.3					T__	36.9			ML	1.6	253059	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	0.93	214.7	Lg	08:39:18.934	-1.5					T__						253066	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
PSZ	1.36	224.8	Pn	08:39:14.443	0.8					T__	43.8			ML	1.9	253060	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	1.36	224.8	Sn	08:39:32.447	0.1					T__						253069	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
ET1H	1.40	224.2	Sn	08:39:35.570	2.3					T__						253067	FDSN	HU	--	BUD	iLoc	HHE	???	_		
OJC	1.66	324.0	Sn	08:39:40.055	0.3					T__						253068	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	
2022/09/12	08:54:49.11	0.67	0.65	48.0690	20.6650	7.5	4.0	145	0.0A	0.0	8	6	191	0.11	0.57	m	kx	BUD	18003768	BUD			360
2022/09/12	08:54:46.84	0.97	0.64	48.0471	20.6805f				0.0f	8	6	196	0.13	0.57			kx	BUD_GT	18003769	BUD_GT			264

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
HU02A	0.13	305.8	Pg	08:54:50.229	0.2					T__		497.5			ML	1.4	253094	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.13	305.8	Lg	08:54:51.645	-1.2					T__						253099	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
ABAH	0.45	56.1	Lg	08:55:03.358	-0.6					T__						253098	FDSN	HU	--	BUD	iLoc	HHE	???	_		
KECS	0.46	343.5	Pg	08:54:56.803	0.7					T__	213.2			ML	1.9	253096	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_		

KECS	0.46	343.5	Lg	08:55:03.277	0.1	T__	---	253095	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.9 magdef=1)																
(Station ML: 1.9 magdef=1)																
JOS	0.46	348.2	Lg	08:55:03.172	-0.1	T__	---	253100	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
PSZ	0.54	256.6	Lg	08:55:07.242	-0.0	T__	---	253097	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.57	253.1	Lg	08:55:06.976	-0.7	T__	---	253101	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
2022/09/12	13:49:41.22	0.86	0.85	48.8427	21.3189	6.0	4.0	160	0.0f	17	9	130		0.55	1.36	sx	BUD	18003770	BUD			204

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	8 BUD	18003770

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.55	185.5	Pg	13:49:52.474	0.2					T__		76.8			ML	1.7	253245	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.55	185.5	Lg	13:50:02.103	0.6					T__						253244	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.62	236.4	Pg	13:49:53.688	0.1					T__		58.5			ML	1.6	253240	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.62	236.4	Lg	13:50:03.358	0.4					T__						253241	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOLS	0.64	81.4	Pg	13:49:53.981	0.5					T__						253248	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.64	81.4	Lg	13:50:03.125	-0.7					T__						253247	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.66	237.2	Pg	13:49:54.093	-0.3					T__		149.7			ML	2.0	253242	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.66	237.2	Lg	13:50:04.308	0.1					T__						253249	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
NIE	0.88	311.1	Pg	13:49:57.896	-0.0					T__		23.1			ML	1.4	253246	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU02A	0.89	216.5	Pg	13:49:59.959	0.4					T__		76.6			ML	1.9	253243	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	216.5	Lg	13:50:12.198	-1.1					T__						253250	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
TRPA	1.08	130.8	Pg	13:50:01.540	-0.5					T__		62.3			ML	1.9	253252	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.08	130.8	Lg	13:50:16.672	-2.0					T__						253251	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	1.33	226.3	Pn	13:50:07.080	0.0					T__		39.8			ML	1.8	253253	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.33	226.3	Sn	13:50:24.881	-0.6					T__						253254	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	1.36	225.6	Pn	13:50:06.999	-0.5					T__		24.4			ML	1.6	253256	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.36	225.6	Sn	13:50:27.875	1.6					T__						253255	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/13	06:04:51.75	1.18	0.55	47.8269	20.1446	8.1	3.6	155	0.0f	12	8	159		0.19	0.87	sx	BUD	18003772	BUD			225

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 4 BUD 18003772

Sta	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	0.19	285.9	Pg	06:04:56.886	0.6					T__		306.0		---	ML	1.3	253297	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	285.9	Lg	06:04:59.735	-0.0					T__				---		253296	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.19	298.6	Pg	06:04:56.649	0.2					T__		861.5		_c_	ML	1.8	253295	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.19	298.6	Lg	06:04:59.388	-0.8					T__				---		253300	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	0.37	282.0	Lg	06:05:05.492	-0.4					T__				---		253301	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.39	40.7	Pg	06:05:00.748	0.5					T__		112.7		---	ML	1.4	253298	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.39	40.7	Lg	06:05:06.774	-0.1					T__				---		253302	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU01A	0.60	216.5	Lg	06:05:13.524	-0.6					T__				---		253303	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KECS	0.70	19.0	Lg	06:05:16.413	0.1					T__				---		253304	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.72	21.4	Pg	06:05:05.496	-0.7					T__		33.6		---	ML	1.4	253299	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.72	21.4	Lg	06:05:16.780	-0.4					T__				---		253305	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.87	57.0	Lg	06:05:22.660	-0.5					T__				---		253306	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  
 2022/09/13 07:04:04.14 2.11 0.90 46.1035 18.0223 16.0 4.6 47 0.0f 8 4 237 0.06 1.12 sx BUD 18003774 BUD 275

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.3 4 BUD 18003774

Sta	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	105.7	Pg	07:04:06.472	0.5					T__		656.8		---	ML	1.3	253336	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	105.7	Lg	07:04:07.367	-0.4					T__				---		253337	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.45	75.3	Pg	07:04:13.804	0.3					T__		41.9		---	ML	1.2	253333	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.45	75.3	Lg	07:04:19.783	-0.9					T__				---		253334	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A266A	0.45	21.6	Pg	07:04:14.306	0.6					T__		241.5		---	ML	1.9	253335	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.45	21.6	Lg	07:04:21.518	0.5					T__				---		253338	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MPLH	1.12	342.9	Pg	07:04:26.878	0.2					T__		31.4		---	ML	1.6	253340	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.12	342.9	Sn	07:04:41.705	-1.5					T__				---		253339	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/13	08:09:21.46	1.13	0.49	47.3663	18.3810	9.4	5.1	137	0.0f	8	7	108	0.08	1.17	sx	BUD	18003776	BUD				188

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.08	267.8	Pg	08:09:23.828	0.1					T__		1068.4		---	ML	1.6	253364	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	267.8	Lg	08:09:25.727	-0.3					T__				---		253365	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU09A	0.27	0.2	Lg	08:09:32.045	-0.5					T__				---		253366	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.61	251.4	Lg	08:09:43.548	0.4					T__				---		253369	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.13	62.5	Sn	08:10:00.947	0.1					T__				---		253370	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.16	61.1	Sn	08:10:02.136	0.4					T__				---		253368	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.17	171.0	Sn	08:10:01.001	-0.6					T__				---		253371	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.17	15.0	Sn	08:10:02.209	0.4					T__				---		253367	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	
2022/09/13	09:02:01.15	1.45	0.55	48.5529	20.7815	10.9	3.8	6	0.0f	13	7	218	0.17	1.25	sx	BUD	18003778	BUD					239

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	6 BUD	18003778

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	250.5	Pg	09:02:04.911	0.1					T__		410.7		---	ML	1.4	253399	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	250.5	Lg	09:02:07.970	0.3					T__				---		253400	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.21	250.6	Pg	09:02:05.514	-0.0					T__		1767.1		---	ML	2.1	253402	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	250.6	Lg	09:02:09.239	0.3					T__				---		253401	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
ABAH	0.40	129.9	Pg	09:02:09.786	0.4					T__		61.2		---	ML	1.2	253403	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	129.9	Lg	09:02:15.830	-0.5					T__				---		253407	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU02A	0.46	201.8	Pg	09:02:11.183	0.2					T__		42.1		---	ML	1.2	253408	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	201.8	Lg	09:02:18.743	0.2					T__				---		253409	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.87	223.4	Pg	09:02:20.103	0.6					T__		47.1		---	ML	1.7	253404	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	223.4	Lg	09:02:31.552	-1.0					T__				---		253410	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	0.91	222.4	Pg	09:02:20.395	0.3					T__		28.9		---	ML	1.5	253406	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	222.4	Lg	09:02:33.104	-0.4					T__				---		253405	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
TRPA	1.25	109.2	Sn	09:02:42.411	-0.9					T__				---		253411	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
2022/09/13	09:08:30.89	1.22	1.14	48.6405	21.5023	11.4	6.9	157	0.0f		11	7	162	0.39	1.33	sx	BUD	18003780	BUD			228

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	18003780

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.39	207.0	Lg	09:08:45.296	-0.3					T__						253449	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.59	59.8	Lg	09:08:51.543	-0.4					T__						253450	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.66	257.6	Pg	09:08:43.791	-0.2					T__		25.9			ML	1.3	253448	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	257.6	Lg	09:08:53.359	-0.5					T__						253451	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.69	257.3	Pg	09:08:44.241	-0.5					T__		100.1			ML	1.9	253447	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.69	257.3	Lg	09:08:54.923	-0.2					T__						253452	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	0.83	231.8	Pg	09:08:48.183	0.1					T__		31.3			ML	1.5	253445	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	231.8	Lg	09:08:58.774	-2.1					T__						253446	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
TRPA	0.86	126.1	Lg	09:09:00.289	-1.5					T__						253453	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ET1H	1.33	235.6	Pn	09:08:57.288	0.6					T__		29.6			ML	1.7	253455	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.33	235.6	Sn	09:09:16.715	1.6					T__						253454	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/13	10:14:08.58	0.49	0.62	47.5803	18.4373	7.1	3.7	123	0.0A	0.0	6	5	153	0.07	0.95	m	kx	BUD	18003782	BUD			360
2022/09/13	10:14:06.02	0.99	0.40	47.5577	18.4810f				0.0f		6	5	166	0.10	0.97		kx	BUD_GT	18003783	BUD_GT			203

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	320.5	Pg	10:14:08.800	0.1					T__		1255.3			ML	1.7	253477	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	10:14:10.462	-0.7					T__						253478	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
CSKK	0.25	217.6	Lg	10:14:15.892	-0.3					T__						253479	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.46	51.4	Lg	10:14:23.571	-0.0					T__						253480	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.75	239.1	Lg	10:14:32.769	0.4					T__						253481	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.97	14.1	Lg	10:14:39.875	0.0					T__						253482	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
2022/09/13	10:31:30.06	0.97	0.45	46.1611	18.2925	6.1	3.6	149	0.0f		7	4	164	0.15	1.13	sx	BUD	18003784	BUD			255

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	3 BUD	18003784

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	241.5	Pg	10:31:33.797	0.0					T__		366.4		___	ML	1.3	253502	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	241.5	Lg	10:31:36.965	0.2					T__				---		253501	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.25	77.4	Pg	10:31:35.833	0.2					T__		153.0		___	ML	1.2	253504	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	77.4	Lg	10:31:39.595	-0.5					T__				---		253503	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A266A	0.37	357.0	Pg	10:31:37.951	0.0					T__		208.8		___	ML	1.6	253506	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.37	357.0	Lg	10:31:44.397	0.4					T__				---		253505	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MPLH	1.13	333.1	Sn	10:32:08.977	-0.5					T__				---		253507	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
2022/09/13	11:44:31.49	2.81	0.74	48.7854	20.3903	18.4	10.8	25	0.0f		8	6	266	0.31	1.07	sx	BUD	18003786	BUD			320

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.31	161.1	Pg	11:44:37.468	-0.3					T__		65.2		___	ML	1.0	253538	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.31	161.1	Lg	11:44:42.909	0.4					T__				---		253539	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.31	168.2	Lg	11:44:42.952	0.3					T__				---		253542	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.67	172.3	Pg	11:44:46.342	0.9					T__		29.1		___	ML	1.3	253541	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.67	172.3	Lg	11:44:55.544	-0.3					T__				---		253540	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.93	201.1	Lg	11:45:04.816	-0.0					T__				---		253543	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	201.1	Sn	11:45:05.692	-1.2					T__				---		253544	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.07	254.8	Sn	11:45:09.563	0.2					T__				---		253545	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
2022/09/14	07:39:40.91	1.87	0.86	48.8377	20.9631	12.7	7.0	76	0.0f		9	6	197	0.44	1.16	sx	BUD	18003790	BUD			299

Magnitude Err Nsta Author OrigID  
ML 1.6 0.8 3 BUD 18003790

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.44	219.5	Pg	07:39:50.107	0.3					T__		34.0		___	ML	1.1	253727	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	219.5	Lg	07:39:56.399	-0.1					T__				---		253729	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.48	221.9	Pg	07:39:50.714	0.2					T__		1122.2		___	ML	2.7	253726	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.48	221.9	Lg	07:39:57.451	-0.2					T__				---		253730	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									

ABAH	0.57	161.2	Lg	07:40:01.112	-0.9	T__									253728	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	0.73	323.4	Lg	07:40:04.374	-0.6	T__									253731	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	0.77	202.3	Pg	07:39:57.855	1.0	T__				48.4					253725	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.77	202.3	Lg	07:40:07.383	-1.4	T__									253732	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
PSZ	1.16	218.2	Sn	07:40:21.053	-0.1	T__									253733	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/14	07:49:39.77	0.88	1.27	48.5221	17.4675	5.5	3.0	132	0.0f		11	7	129	0.20	1.26	sx	BUD	18003792	BUD			198

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	18003792

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.20	220.5	Pg	07:49:43.695	-0.6					T__						253760	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.20	220.5	Lg	07:49:45.879	-2.1					T__						253761	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.36	21.7	Pg	07:49:46.790	-0.8					T__		273.3				253763	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	21.7	Lg	07:49:53.061	-0.7					T__						253762	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KRUC	0.89	307.7	Lg	07:50:10.659	0.6					T__						253765	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VYHS	0.91	91.3	Pg	07:49:58.989	0.8					T__		16.3				253764	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.91	91.3	Lg	07:50:10.944	-0.4					T__						253766	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
RONA	1.14	224.1	Lg	07:50:18.257	1.2					T__						253767	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.23	241.6	Pg	07:50:04.861	0.9					T__		45.7				253769	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.23	241.6	Lg	07:50:21.247	1.5					T__						253768	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
MORC	1.26	2.2	Lg	07:50:21.784	1.1					T__						253770	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/14	08:17:26.50	0.86	1.09	47.8297	19.4148	6.9	3.0	173	0.0f		15	10	117	0.14	1.70	sx	BUD	18003794	BUD			192

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	18003794

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU03A	0.14	59.2	Pg	08:17:29.939	-0.0					T__		190.4				253805	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.14	59.2	Lg	08:17:32.693	-0.0					T__						253807	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=0)																								
HU10A	0.27	273.5	Pg	08:17:32.366	-0.0					T__		522.2				253804	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.27	273.5	Lg	08:17:36.979	-0.2					T__						253803	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
ET1H	0.31	80.7	Pg	08:17:33.583	0.1					T__		139.6				253809	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	80.7	Lg	08:17:38.033	-0.6					T__						253808	FDSN	HU	--	BUD	iLoc	HHN	???	_

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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.33 74.5 Lg 08:17:38.519 -1.3 T__ --- 253810 FDSN GE -- BUD iLoc HHE ??? _
VYHS 0.77 330.0 Lg 08:17:52.113 -1.4 T__ --- 253811 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.80 68.2 Lg 08:17:55.916 0.2 T__ --- 253812 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.97 47.2 Lg 08:18:01.580 1.2 T__ --- 253813 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.01 48.1 Pg 08:17:47.498 1.0 T__ 36.1 --- ML 1.6 253806 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.01 48.1 Lg 08:18:00.124 -2.0 T__ --- 253814 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JAVC 1.55 312.2 Sn 08:18:18.249 1.9 T__ --- 253815 FDSN CZ -- BUD iLoc HHN ??? _
MORH 1.70 198.4 Pg 08:18:00.636 0.2 T__ 26.3 --- ML 1.9 253816 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.70 198.4 Sn 08:18:19.692 -0.1 T__ --- 253817 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/14 08:36:46.17 1.95 0.33 48.5510 20.8757 16.7 4.1 14 0.0f 8 5 240 0.23 0.95 sx BUD 18003796 BUD 312

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Magnitude Err Nsta Author OrigID
ML 0.9 0.1 3 BUD 18003796

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.23 256.3 Pg 08:36:51.180 0.2 T__ 89.0 --- ML 0.9 253845 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.23 256.3 Lg 08:36:54.780 0.1 T__ --- 253850 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.27 255.5 Pg 08:36:51.746 0.0 T__ 491.6 --- ML 1.7 253846 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.27 255.5 Lg 08:36:55.539 -0.5 T__ --- 253851 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.35 136.3 Pg 08:36:53.610 0.1 T__ 46.2 --- ML 0.9 253847 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.35 136.3 Lg 08:36:59.446 -0.3 T__ --- 253852 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
HU02A 0.49 208.7 Lg 08:37:04.653 0.3 T__ --- 253848 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 0.95 225.3 Sn 08:37:20.707 -0.3 T__ --- 253849 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
2022/09/14 09:00:44.90 0.56 0.40 47.2356 18.2746 7.1 4.7 77 0.0A 0.0 5 4 170 0.13 1.05 m kx BUD 18003798 BUD 360
2022/09/14 09:00:42.94 1.03 0.72 47.2302 18.2835f 0.0f 5 4 172 0.13 1.05 kx BUD_GT 18003799 BUD_GT 270

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

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CSKK 0.13 353.3 Pg 09:00:46.764 0.5 T__ 155.4 --- ML 0.9 253871 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.3 Lg 09:00:48.927 -0.5 T__ --- 253872 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1

```



(Station ML: 0.9 magdef=0

HU08A	0.32	309.6	Lg	09:00:54.446	-1.0	T__	---	253873	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
MPLH	0.51	263.5	Lg	09:01:00.882	-0.7	T__	---	253874	FDSN	HU	--	BUD	iLoc	HHE	???	_
MORH	1.05	166.2	Lg	09:01:19.013	0.0	T__	---	253875	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
2022/09/14	09:18:12.20	1.17	0.39	48.7933	20.1001	6.5	5.6	73	0.0f	9	7	123	0.40	0.93	sx	BUD	18003800	BUD				244

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
KECS	0.40	140.4	Pg	09:18:20.370	0.0					T__		160.6		---	ML	1.6	253897	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.40	140.4	Lg	09:18:26.338	-0.2					T__				---		253898	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
JOS	0.42	135.5	Pg	09:18:20.735	0.2					T__		70.2		---	ML	1.3	253895	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.42	135.5	Lg	09:18:27.319	0.3					T__				---		253896	FDSN	ZJ	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
NIE	0.64	11.8	Lg	09:18:33.135	-0.3					T__				---		253900	FDSN	PL	--	BUD	iLoc	BHE	???	_		
HU02A	0.73	157.0	Lg	09:18:38.470	-0.1					T__				---		253901	FDSN	ZJ	00	BUD	iLoc	HNN	???	_		
PSZ	0.89	189.0	Lg	09:18:43.412	-0.7					T__				---		253899	FDSN	GE	--	BUD	iLoc	HHE	???	_		
VYHS	0.89	250.8	Lg	09:18:43.341	0.3					T__				---		253902	FDSN	SK	--	BUD	iLoc	HNN	???	_		
ET1H	0.93	189.6	Lg	09:18:44.912	-0.2					T__				---		253903	FDSN	HU	--	BUD	iLoc	HNN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/14	10:11:07.03	0.32	0.96	46.9125	17.3647	4.1	3.2	54	0.0A	0.0	10	8	91	0.13	1.12	m	kx	BUD	18003802	BUD			360
2022/09/14	10:11:04.55	0.98	1.40	46.8548	17.2699f				0.0f		11	9	97	0.13	1.44		kx	BUD_GT	18003803	BUD_GT			175

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
A261A	0.13	319.5	Lg	10:11:11.834	1.4					T__				---		254001	FDSN	ZJ	00	BUD	iLoc	HNN	???	_		
BADH	0.15	109.5	Pg	10:11:08.623	0.5					T__		1455.7		---	ML	1.9	253999	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BADH	0.15	109.5	Lg	10:11:10.805	-0.2					T__				---		253997	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
MPLH	0.37	30.2	Pg	10:11:12.538	0.1					T__		428.7		---	ML	1.9	253995	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	0.37	30.2	Lg	10:11:15.668	-2.9					T__				---		253994	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
KOGS	0.81	240.3	Sn	10:11:37.118	1.8					T__				---		253993	FDSN	SL	--	BUD	iLoc	BHN	???	_		
KOVH	0.96	142.9	Sn	10:11:39.217	0.3					T__				---		253992	FDSN	HU	--	BUD	iLoc	HNN	???	_		
RONA	1.07	322.3	Lg	10:11:40.406	0.2					T__				---		254000	FDSN	OE	--	BUD	iLoc	HNN	???	_		
HU09A	1.09	43.6	Sn	10:11:41.106	-1.6					T__				---		253991	FDSN	ZJ	00	BUD	iLoc	HNN	???	_		
MORH	1.14	123.5	Sn	10:11:41.779	-1.7					T__				---		253996	FDSN	HU	--	BUD	iLoc	HNN	???	_		
CONA	1.44	318.8	Sn	10:11:50.238	-0.8					T__				---		253998	FDSN	OE	--	BUD	iLoc	HHE	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/14	10:22:47.86	0.30	0.39	47.7047	18.7036	7.1	2.7	148	0.0A	0.0	12	8	144	0.23	0.95	m	kx BUD	18003804	BUD			360
2022/09/14	10:22:46.03	0.87	0.76	47.7180	18.7130f				0.0f		12	8	143	0.24	0.97		kx BUD_GT	18003805	BUD_GT			167

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	18003805

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.24	250.5	Lg	10:22:54.782	-1.0					T__						254032	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU10A	0.24	58.2	Pg	10:22:52.532	1.1					T__		333.0			ML	1.5	254034	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.24	58.2	Lg	10:22:56.027	0.2					T__						254033	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
CSKK	0.47	221.0	Pg	10:22:56.200	0.5					T__		82.2			ML	1.5	254035	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.47	221.0	Lg	10:23:02.602	-1.3					T__						254036	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU03A	0.63	72.4	Pg	10:22:59.211	-0.0					T__		72.8			ML	1.7	254037	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
VYHS	0.78	6.0	Lg	10:23:13.501	-0.0					T__						254038	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ET1H	0.80	77.9	Pn	10:23:03.501	0.1					T__		34.5			ML	1.5	254040	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.80	77.9	Lg	10:23:14.020	-0.8					T__						254039	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
PSZ	0.82	75.4	Pg	10:23:03.570	0.1					T__		31.4			ML	1.5	254041	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.82	75.4	Lg	10:23:15.024	-1.0					T__						254042	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
MPLH	0.97	235.9	Lg	10:23:18.795	-0.7					T__						254043	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
2022/09/14	15:21:51.10	0.42	0.78	47.9803	19.6091	4.3	3.9	119	0.0A	0.0	11	8	130	0.08	1.14	m	kx BUD	18003806	BUD			360
2022/09/14	15:21:49.22	0.91	0.49	48.0061	19.6278f				0.0f		11	8	122	0.10	1.12		kx BUD_GT	18003807	BUD_GT			219

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	18003807

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU03A	0.10	190.5	Pg	15:21:52.049	0.2					T__		541.0			ML	1.3	254097	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	15:21:53.951	-0.0					T__						254096	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
PSZ	0.20	116.0	Pg	15:21:53.890	-0.1					T__		454.1			ML	1.5	254094	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	15:21:57.248	-0.6					T__						254098	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									

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(Station ML: 1.5 magdef=1
ET1H 0.21 127.7 Pg 15:21:53.779 -0.2 T__ 124.1 ___ ML 1.0 254095 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.21 127.7 Lg 15:21:57.946 0.2 T__ ___ 254099 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.61 78.7 Lg 15:22:11.129 -0.8 T__ ___ 254100 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.72 313.0 Lg 15:22:14.807 0.3 T__ ___ 254101 FDSN SK -- BUD iLoc HHN ??? _
KECS 0.75 49.9 Lg 15:22:16.482 1.0 T__ ___ 254102 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.78 50.9 Lg 15:22:16.672 0.0 T__ ___ 254103 FDSN ZJ -- BUD iLoc HHN ??? _
ABAH 1.12 74.4 Sn 15:22:28.418 0.3 T__ ___ 254104 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
2022/09/15	07:50:01.66	0.97	1.12	48.2435	21.2367	5.2	3.4	140	0.0f	18	10	151	0.05	1.62	sx	BUD	18003810	BUD				204

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	7 BUD	18003810

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	2.2	Pg	07:50:03.014	-0.3					T__		10857.9		_c_	ML	2.5	254209	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	2.2	Lg	07:50:04.531	-0.4					T__				---		254217	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
HU02A	0.49	256.0	Pg	07:50:11.621	-0.5					T__		62.5		---	ML	1.5	254213	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	256.0	Lg	07:50:18.803	-1.3					T__				---		254218	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.53	298.8	Pg	07:50:12.258	-0.1					T__		114.5		---	ML	1.8	254210	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.8	Lg	07:50:19.804	-0.6					T__				---		254219	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.56	295.9	Pg	07:50:14.140	1.3					T__		148.4		---	ML	2.0	254212	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.9	Lg	07:50:20.451	-0.9					T__				---		254211	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
TRPA	0.88	96.9	Pg	07:50:18.671	-0.1					T__		110.5		---	ML	2.0	254215	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.88	96.9	Lg	07:50:31.800	-1.5					T__				---		254220	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.96	250.6	Pg	07:50:21.022	-0.8					T__		53.6		---	ML	1.8	254221	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	07:50:35.987	-0.2					T__				---		254216	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOLS	0.97	44.5	Pg	07:50:21.503	1.2					T__				---		254214	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	44.5	Lg	07:50:35.057	-1.1					T__				---		254222	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	248.8	Pg	07:50:21.735	-0.5					T__		60.8		---	ML	1.8	254224	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.8	Lg	07:50:36.705	-0.0					T__				---		254223	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	1.33	332.6	Sn	07:50:45.727	-0.2					T__				---		254225	FDSN	PL	--	BUD	iLoc	BHN	???	_	
VYHS	1.62	279.8	Sn	07:50:55.878	2.8					T__				---		254226	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
2022/09/15	07:56:17.12	1.01	0.77	47.3419	18.4353	6.1	5.2	104	0.0f	11	10	112	0.12	1.84	sx	BUD	18003812	BUD				194

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	3 BUD	18003812

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.12	280.2	Pg	07:56:20.927	0.8					T__		1729.7		___	ML	1.9	254261	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	280.2	Lg	07:56:22.444	-0.6					T__				---		254263	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU09A	0.30	353.1	Lg	07:56:28.669	-0.5					T__				---		254266	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.36	284.6	Pg	07:56:25.003	0.2					T__		101.0		---	ML	1.3	254262	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MPLH	0.63	254.6	Lg	07:56:38.741	-1.1					T__				---		254264	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.75	276.1	Pg	07:56:32.667	0.2					T__		146.5		---	ML	2.1	254267	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ET1H	1.11	60.5	Sn	07:56:55.550	-0.4					T__				---		254265	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.14	172.7	Lg	07:56:55.684	-0.5					T__				---		254269	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.14	59.2	Sn	07:56:57.589	0.7					T__				---		254268	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.18	13.0	Sn	07:56:56.853	-1.0					T__				---		254270	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	1.84	289.6	Sn	07:57:14.696	0.7					T__				---		254271	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/15	08:37:44.16	1.04	1.04	46.1398	18.3091	9.4	3.7	161	0.0f	6	4	178	0.15	0.46	sx	BUD	18003814	BUD				255

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.15	250.6	Pg	08:37:47.943	0.0					T__		477.6		___	ML	1.4	254307	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	250.6	Lg	08:37:50.492	-0.4					T__				---		254308	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.24	72.0	Pg	08:37:49.804	0.2					T__		230.6		---	ML	1.3	254305	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.24	72.0	Lg	08:37:53.809	-0.2					T__				---		254309	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.39	355.5	Lg	08:37:57.693	-1.1					T__				---		254306	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A265A	0.46	308.8	Lg	08:38:02.037	1.3					T__				---		254310	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/16	06:34:42.20	1.52	0.55	46.0076	22.7155	10.0	7.4	3	0.0f	7	5	127	0.18	0.93	sx	BUD	18003822	BUD				243

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.18	133.4	Pg	06:34:45.697	0.1					T__		419.3		___	ML	1.4	254588	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	133.4	Lg	06:34:48.287	0.1					T__				---		254587	FDSN	RO	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
GZR 0.62 176.0 Pg 06:34:54.436 0.4 T__ 29.4 ___ ML 1.3 254589 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.62 176.0 Lg 06:35:02.043 -0.8 T__ ___ 254590 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
DRGR 0.78 359.8 Lg 06:35:09.811 -0.3 T__ ___ 254592 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.86 243.4 Lg 06:35:10.945 -0.3 T__ ___ 254593 FDSN RO -- BUD iLoc HHN ??? _
LOT 0.93 126.8 Lg 06:35:12.966 -0.5 T__ ___ 254591 FDSN RO -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/16	07:31:55.91	0.97	0.96	48.0990	21.3149	6.1	4.4	2	0.0f	14	9	114	0.20	1.62	sx	BUD	18003824	BUD				170

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	18003824

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.20	345.7	Pg	07:32:00.445	-0.0					T__		368.0		___	ML	1.4	254622	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.20	345.7	Lg	07:32:03.843	-0.6					T__				---		254623	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU02A	0.53	272.8	Pg	07:32:07.301	0.2					T__		32.4		___	ML	1.3	254632	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.53	272.8	Lg	07:32:15.150	-0.6					T__				---		254631	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
JOS	0.65	307.8	Pg	07:32:09.416	0.4					T__		38.8		___	ML	1.5	254624	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	307.8	Lg	07:32:18.792	-0.1					T__				---		254625	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.67	305.1	Lg	07:32:19.622	-0.1					T__				---		254626	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.82	87.4	Pg	07:32:11.935	-0.0					T__		49.5		___	ML	1.7	254628	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.82	87.4	Lg	07:32:23.506	-2.3					T__				---		254627	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
PSZ	0.97	259.8	Lg	07:32:29.430	-1.5					T__				---		254633	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	257.7	Lg	07:32:31.274	-0.0					T__				---		254630	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	1.05	37.0	Pg	07:32:16.952	1.0					T__				---		254629	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.05	37.0	Lg	07:32:32.447	-0.5					T__				---		254634	FDSN	SK	--	BUD	iLoc	HHN	???	_	
DRGR	1.62	143.6	Sn	07:32:47.963	0.7					T__				---		254635	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/16	08:17:47.91	0.40	0.80	47.9045	19.1082	9.9	2.9	153	0.0A	0.0	15	8	181	0.08	1.29	m	kx	BUD	18003826	BUD			360
2022/09/16	08:17:46.27	0.87	0.89	47.8327	19.1394f				0.0f		15	8	154	0.08	1.27		kx	BUD_GT	18003827	BUD_GT			194

(locality : Sejce-Vác Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	7 BUD	18003827

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

HU10A	0.08	278.8	Pg	08:17:48.660	0.2	T__	2644.1	---	ML	2.0	254734	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	08:17:50.167	-0.3	T__		---			254744	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU03A	0.32	76.9	Pg	08:17:53.474	0.2	T__	120.7	---	ML	1.3	254736	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	08:17:58.815	0.4	T__		---			254735	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
ET1H	0.50	84.3	Pg	08:17:57.574	0.6	T__	48.1	---	ML	1.4	254745	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	08:18:04.398	-0.3	T__		---			254737	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
PSZ	0.52	80.1	Pg	08:17:56.873	-0.6	T__	49.0	---	ML	1.4	254738	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	08:18:05.167	-0.6	T__		---			254739	FDSN	GE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
HU02A	0.98	72.2	Pg	08:18:06.283	-0.1	T__	28.1	---	ML	1.5	254746	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	08:18:19.813	-2.0	T__		---			254740	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
KECS	1.11	53.7	Pn	08:18:07.842	-0.2	T__	84.1	---	ML	2.0	254743	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Sn	08:18:23.822	-1.4	T__		---			254747	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
JOS	1.15	54.2	Pn	08:18:08.565	0.1	T__	32.0	---	ML	1.6	254741	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	08:18:25.125	-0.9	T__		---			254748	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
MPLH	1.27	239.2	Lg	08:18:31.384	1.6	T__		---			254742	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
2022/09/16	08:27:01.55	1.36	1.34	48.9962	19.3695	19.2	5.8	29	0.0f		9	7	178	0.90	1.43	sx	BUD	18003828	BUD			218

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.90	124.4	Lg	08:27:31.274	-1.4					T__						254817	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.92	122.5	Pg	08:27:20.593	0.8					T__	34.6			---	ML	1.6	254816	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	122.5	Lg	08:27:31.719	-1.7					T__				---		254815	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JAVC	1.13	263.7	Sn	08:27:39.844	-1.1					T__				---		254820	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
PSZ	1.13	161.9	Pn	08:27:26.095	1.4					T__	43.2			---	ML	1.8	254819	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.13	161.9	Sn	08:27:40.620	-0.4					T__				---		254823	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	1.16	138.3	Lg	08:27:40.822	-0.7					T__				---		254818	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
ET1H	1.17	163.2	Sn	08:27:41.148	-0.6					T__				---		254821	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORC	1.43	303.9	Lg	08:27:46.617	-1.1					T__				---		254822	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/16	09:22:51.21	0.57	0.76	47.9788	20.3767	9.9	3.1	143	0.0A	0.0	10	6	192	0.17	0.66	m	kx BUD	18003830	BUD			360
2022/09/16	09:22:49.26	0.93	0.84	47.9590	20.3545f				0.0f		10	6	196	0.20	0.68		kx BUD_GT	18003831	BUD_GT			221

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.3	4 BUD	18003831

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	09:22:53.506	-0.4					T__		270.7		---	ML	1.3	254848	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	09:22:56.722	-1.0					T__				---		254849	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.31	262.7	Pg	09:22:57.855	1.5					T__		64.4		---	ML	1.0	254852	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	09:23:02.002	0.2					T__				---		254855	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ET1H	0.33	256.4	Pg	09:22:57.066	0.4					T__		33.1		---	ML	0.8	254853	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.33	256.4	Lg	09:23:02.771	0.6					T__				---		254854	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.53	9.4	Lg	09:23:07.714	-0.5					T__				---		254856	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.55	12.9	Pg	09:23:00.303	-0.1					T__		34.3		---	ML	1.3	254851	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	12.9	Lg	09:23:08.031	-0.8					T__				---		254850	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.68	60.0	Lg	09:23:13.307	-1.1					T__				---		254857	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
2022/09/16	15:17:33.35	0.81	0.72	47.7016	16.0009	3.5	3.1	86	3.1	6.8	42	26	95	0.20	2.48		ke BUD	18003832	BUD			117

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	15 BUD	18003832

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.20	90.4	Pg	15:17:37.789	0.2					T__				---		254958	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.20	90.4	Lg	15:17:40.905	0.3					T__				---		254957	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.25	337.6	Pg	15:17:38.756	0.3					T__		1005.7		---	ML	2.0	254956	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	337.6	Lg	15:17:42.058	0.1					T__				---		254974	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
SOP	0.38	92.6	Pg	15:17:40.936	-0.0					T__		953.6		_c_	ML	2.3	254959	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.38	92.6	Lg	15:17:46.114	-0.0					T__				---		254960	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
ARSA	0.56	215.9	Pg	15:17:43.897	-0.2					T__		952.1		_d_	ML	2.8	254962	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.56	215.9	Lg	15:17:50.937	-0.2					T__				---		254961	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
A260A	0.64	130.9	Pg	15:17:46.026	-0.0					T__		1454.8		---	ML	3.0	254963	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.64	130.9	Lg	15:17:54.886	0.3					T__				---		254964	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=0																			
ZST	0.89	55.8	Lg	15:18:02.975	-1.1	T__				254975	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A262A	0.91	156.6	Sn	15:18:05.852	-0.8	T__				254977	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
EGYH	0.95	107.0	Pn	15:17:53.460	-0.0	T__	373.0		ML	2.6	254967	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.95	107.0	Sn	15:18:07.377	-0.1	T__				254976	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																			
A261A	1.08	133.4	Sn	15:18:10.700	-0.2	T__				254978	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MODS	1.09	51.4	Pn	15:17:54.250	-1.3	T__				254965	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.09	51.4	Sn	15:18:09.573	-1.5	T__				254979	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MPLH	1.17	116.4	Pn	15:17:56.737	0.1	T__	152.7		ML	2.3	254970	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.17	116.4	Sn	15:18:12.303	-0.8	T__				254980	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																			
KOGS	1.27	172.2	Pg	15:17:58.092	0.3	T__	211.4		ML	2.5	254972	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.27	172.2	Sn	15:18:15.176	-0.2	T__				254981	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																			
HU08A	1.33	101.0	Pn	15:17:59.646	0.9	T__	156.8		ML	2.4	254983	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.33	101.0	Sn	15:18:17.488	0.5	T__				254982	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																			
BEHE	1.34	156.5	Sn	15:18:16.816	-0.4	T__				254984	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BADH	1.35	131.3	Lg	15:18:17.867	0.5	T__				254985	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KRUC	1.39	10.8	Pn	15:17:58.761	-0.8	T__	193.9		ML	2.6	254966	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.39	10.8	Sn	15:18:17.301	-1.1	T__				254986	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																			
OBKA	1.55	220.3	Pg	15:18:02.171	-0.3	T__	132.4		ML	2.5	254988	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.55	220.3	Lg	15:18:22.886	-0.5	T__				254987	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																			
CSKK	1.57	101.6	Lg	15:18:26.102	0.6	T__				254989	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CKRC	1.59	315.3	Pg	15:18:03.650	0.1	T__	804.0		ML	3.3	254968	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.59	315.3	Lg	15:18:25.022	0.4	T__				254990	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0																			
JAVC	1.61	43.3	Pn	15:18:03.626	0.9	T__	120.2		ML	2.5	254971	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.61	43.3	Lg	15:18:27.082	-0.2	T__				254991	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																			
TREC	1.63	348.1	Pn	15:18:03.362	0.4	T__	832.0		ML	3.3	254993	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.63	348.1	Sn	15:18:24.644	0.2	T__				254992	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0																			
VRAC	1.66	13.6	Pn	15:18:02.665	-0.6	T__	34.4		ML	2.0	254969	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																			
PTJ	1.80	180.7	Lg	15:18:32.478	0.8	T__				254994	FDSN	CR	--	BUD	iLoc	BHN	???	_	
CRES	1.91	191.5	Lg	15:18:35.897	0.7	T__				254995	FDSN	SL	--	BUD	iLoc	BHN	???	_	
MORC	2.31	25.6	Pn	15:18:12.086	-0.3	T__	40.8		ML	2.4	254973	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	2.31	25.6	Sn	15:18:43.067	1.7	T__				254996	FDSN	CZ	--	BUD	iLoc	HHN	???	_	



(Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=1  
 PRU 2.48 337.7 Sn 15:18:47.146 1.7 T\_\_ --- 254997 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/19	07:16:50.64	1.27	1.12	48.0432	20.6572	8.2	4.5	168	0.0f	8	6	196	0.12	0.55	sx	BUD	18003844	BUD				262

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.12	311.8	Pg	07:16:54.012	0.3					T__		170.9		---	ML	0.9	255283	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.12	311.8	Lg	07:16:56.439	0.1					T__				---		255282	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
KECS	0.45	345.5	Lg	07:17:06.635	-0.3					T__				---		255284	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.46	350.2	Lg	07:17:06.526	-0.6					T__				---		255287	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
ABAH	0.46	56.8	Pg	07:17:00.930	0.7					T__		48.6		---	ML	1.3	255286	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.46	56.8	Lg	07:17:06.210	-2.1					T__				---		255285	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
PSZ	0.53	256.6	Lg	07:17:09.817	-0.7					T__				---		255288	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.55	253.0	Lg	07:17:10.301	-0.7					T__				---		255289	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	
2022/09/19	07:55:33.76	1.11	0.72	48.1157	21.3273	7.7	4.6	177	0.0f	14	8	168	0.19	1.03	sx	BUD	18003848	BUD					219

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.0 6 BUD 18003848

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.19	342.1	Pg	07:55:38.314	0.3					T__		493.0		---	ML	1.5	255346	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.19	342.1	Lg	07:55:40.296	-1.5					T__				---		255355	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU02A	0.54	271.0	Pg	07:55:45.982	0.9					T__		34.3		---	ML	1.3	255357	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.54	271.0	Lg	07:55:53.588	-0.2					T__				---		255356	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
JOS	0.65	306.2	Pg	07:55:47.579	0.8					T__		42.6		---	ML	1.5	255347	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	306.2	Lg	07:55:56.277	-0.4					T__				---		255358	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.67	303.5	Lg	07:55:56.925	-0.5					T__				---		255348	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.81	88.5	Pg	07:55:49.925	0.3					T__		45.8		---	ML	1.6	255350	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.81	88.5	Lg	07:56:03.196	-0.2					T__				---		255349	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
PSZ	0.98	258.9	Pg	07:55:54.295	-0.2					T__		40.9		---	ML	1.7	255352	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.98	258.9	Lg	07:56:08.900	-0.3					T__				---		255359	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1																									

(Station ML: 1.7 magdef=0  
 ET1H 1.01 256.9 Pg 07:55:53.890 -0.9 T\_\_ 25.6 --- ML 1.5 255353 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ET1H 1.01 256.9 Lg 07:56:09.345 -0.2 T\_\_ --- 255354 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 KOLS 1.03 37.2 Lg 07:56:09.669 -0.5 T\_\_ --- 255351 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
2022/09/19	09:13:32.80	3.86	0.37	48.5105	20.8069	21.7	10.3	68	0.0f		6	5	300	0.18	0.89	sx	BUD	18003850	BUD			319

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.18	265.4	Pg	09:13:36.564	-0.0					T__		102.7			ML	0.8	255385	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	265.4	Lg	09:13:39.457	-0.1					T__						255386	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0																									
KECS	0.22	262.8	Lg	09:13:41.075	0.2					T__						255387	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.43	205.9	Lg	09:13:49.207	0.1					T__						255388	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.85	226.2	Lg	09:14:03.077	-0.5					T__						255389	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.89	225.1	Lg	09:14:04.742	0.3					T__						255390	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
2022/09/19	09:56:10.13	1.15	0.81	48.4369	19.5818	7.7	5.0	178	0.0f		8	5	167	0.50	0.70	sx	BUD	18003852	BUD			286

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 3 BUD 18003852

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.50	276.8	Lg	09:56:27.309	-0.5					T__						255417	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.56	157.9	Pg	09:56:22.808	0.6					T__		39.6			ML	1.4	255416	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.56	157.9	Lg	09:56:30.708	-0.3					T__						255415	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KECS	0.60	85.3	Pg	09:56:22.575	0.3					T__		106.0			ML	1.9	255413	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.60	85.3	Lg	09:56:31.517	0.1					T__						255412	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
JOS	0.64	84.4	Lg	09:56:32.407	-0.2					T__						255414	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU02A	0.70	116.2	Pg	09:56:24.881	0.1					T__		30.2			ML	1.4	255411	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.70	116.2	Lg	09:56:34.268	-1.6					T__						255410	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/19	10:15:05.07	0.79	1.38	48.5905	21.3825	4.9	3.7	143	0.0f		18	11	79	0.31	1.69	sx	BUD	18003854	BUD			138

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.2 9 BUD 18003854

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.31	197.9	Pg	10:15:11.920	0.3					T__		112.1		___	ML	1.2	255513	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.31	197.9	Lg	10:15:16.232	-0.9					T__				---		255512	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																					
JOS	0.57	260.7	Pg	10:15:17.356	0.9					T__		80.4		___	ML	1.7	255508	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																					
KECS	0.61	260.1	Pg	10:15:17.769	0.6					T__		139.0		___	ML	2.0	255515	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.61	260.1	Lg	10:15:25.026	-1.3					T__				---		255514	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																					
KOLS	0.68	59.5	Pg	10:15:19.217	1.0					T__				---		255509	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
HU02A	0.74	231.0	Pg	10:15:21.312	0.9					T__		50.1		___	ML	1.6	255517	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.74	231.0	Lg	10:15:29.765	-2.1					T__				---		255516	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																					
TRPA	0.90	120.4	Pg	10:15:23.263	0.7					T__		93.2		___	ML	2.0	255510	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.90	120.4	Lg	10:15:35.785	-1.4					T__				---		255518	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																					
NIE	1.09	319.7	Pg	10:15:25.554	-0.1					T__		20.0		___	ML	1.4	255524	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.09	319.7	Lg	10:15:41.820	-0.2					T__				---		255525	FDSN	PL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																					
PSZ	1.20	236.5	Pn	10:15:29.817	0.6					T__		43.4		___	ML	1.8	255511	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.20	236.5	Sn	10:15:44.025	-2.2					T__				---		255519	FDSN	GE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																					
ET1H	1.24	235.4	Pg	10:15:31.531	0.8					T__		31.6		___	ML	1.7	255523	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																					
KWP	1.36	39.4	Pg	10:15:30.577	-0.1					T__		82.2		___	ML	2.2	255520	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_
KWP	1.36	39.4	Sn	10:15:47.953	-2.1					T__				---		255521	FDSN	PL	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																					
VYHS	1.69	267.7	Sn	10:16:00.718	2.4					T__				---		255522	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
2022/09/19	12:11:35.12	1.15	0.37	47.8561	16.0609	12.2	3.9	37	0.0f		5	3	196	0.15	0.71	sx	BUD	18003856	BUD			283

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	298.4	Pg	12:11:38.395	-0.0					T__		92.3		___	ML	0.7	255612	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	298.4	Lg	12:11:40.660	-0.1					T__				---		255611	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=0)																					
RONA	0.22	134.5	Pg	12:11:39.649	-0.2					T__				---		255613	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.22	134.5	Lg	12:11:43.654	0.5					T__				---		255614	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.71	211.2	Lg	12:11:57.774	0.1					T__				---		255615	FDSN	OE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/19	19:22:05.50	1.13	1.00	47.6629	18.2893	6.5	4.7	132	8.5	7.3	7	6	116	0.07	1.09	ke	BUD	18003860	BUD			182

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.07	111.1	Pg	19:22:08.101	0.4					T__		1077.4		_c_	ML	1.5	255683	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.07	111.1	Lg	19:22:09.447	-0.3					T__				---		255684	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
SRO	0.15	6.2	Lg	19:22:11.818	-0.2					T__				---		255687	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
CSKK	0.30	183.7	Lg	19:22:16.682	-0.5					T__				---		255685	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.52	69.4	Lg	19:22:23.543	-1.2					T__				---		255688	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
EGYH	0.69	249.6	Lg	19:22:28.857	-0.6					T__				---		255689	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.09	78.0	Sn	19:22:43.104	0.9					T__				---		255686	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
2022/09/19	19:26:41.96	1.90	1.09	45.5308	16.0981	13.9	6.7	7	13.0f		13	9	235	0.31	1.91	ke	BUD	18003862	BUD			244

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.3	5 BUD	18003862

Sta	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	0.31	345.3	Pg	19:26:48.125	-0.3					T__		3514.3		---	ML	2.7	255720	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.31	345.3	Lg	19:26:54.315	1.3					T__				---		255719	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
PTJ	0.39	346.4	Pg	19:26:49.217	-0.9					T__		1965.9		---	ML	2.7	255717	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.39	346.4	Lg	19:26:55.610	-0.6					T__				---		255718	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
CRES	0.54	303.5	Pg	19:26:52.130	-0.2					T__		1228.3		---	ML	2.9	255721	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
KOGS	0.92	6.5	Lg	19:27:12.784	0.9					T__				---		255722	FDSN	SL	--	BUD	iLoc	BHN	???	_	
A264A	1.04	52.5	Pg	19:27:01.577	-0.4					T__		1404.1		---	ML	3.2	255725	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	1.04	52.5	Sn	19:27:16.284	-0.4					T__				---		255726	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
BEHE	1.05	26.4	Pg	19:27:01.537	-0.5					T__		941.8		---	ML	3.1	255724	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.05	26.4	Lg	19:27:16.547	0.6					T__				---		255723	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=1)																									
OBKA	1.46	312.7	Lg	19:27:30.820	1.7					T__				---		255727	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KOVH	1.51	67.6	Sn	19:27:27.549	-0.6					T__				---		255728	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.91	68.0	Sn	19:27:39.936	2.0					T__				---		255729	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2022/09/20 07:42:05.60 0.65 1.31 48.2158 18.8080 3.4 2.9 178 0.0f 29 20 52 0.28 2.00 sx BUD 18003866 BUD 87

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.3 9 BUD 18003866

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
VYHS	0.28	3.8	Pg	07:42:11.407	-0.1					T__		154.2		---	ML	1.3 255811	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.28	3.8	Lg	07:42:15.754	-0.2					T__				---		255830	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)				(Station ML: 1.3 magdef=0)																				
HU10A	0.40	159.1	Pg	07:42:16.433	2.4					T__		242.5		---	ML	1.8 255809	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.40	159.1	Lg	07:42:20.338	-0.3					T__				---		255825	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)				(Station ML: 1.8 magdef=1)																				
SR0	0.52	219.7	Pg	07:42:16.611	0.3					T__		753.8		---	ML	2.6 255812	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.52	219.7	Lg	07:42:24.202	-0.8					T__				---		255831	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.6 magdef=1)				(Station ML: 2.6 magdef=0)																				
HU03A	0.62	120.2	Lg	07:42:27.553	-0.3					T__				---		255833	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU09A	0.64	206.5	Lg	07:42:27.691	-1.6					T__				---		255832	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.79	111.8	Pg	07:42:22.161	-0.2					T__		46.9		---	ML	1.6 255826	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.79	111.8	Lg	07:42:32.925	-1.4					T__				---		255834	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)				(Station ML: 1.6 magdef=1)																				
ET1H	0.79	114.9	Pg	07:42:20.888	-1.3					T__		35.2		---	ML	1.5 255810	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.79	114.9	Lg	07:42:33.292	-0.6					T__				---		255835	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)				(Station ML: 1.5 magdef=1)																				
CSKK	0.93	203.6	Lg	07:42:37.838	-1.3					T__				---		255813	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	0.99	217.5	Lg	07:42:39.168	-1.4					T__				---		255836	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JAVC	0.99	310.8	Pg	07:42:25.422	-0.4					T__		84.5		---	ML	2.0 255814	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.99	310.8	Lg	07:42:39.504	-1.5					T__				---		255827	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)				(Station ML: 2.0 magdef=1)																				
MODS	1.03	279.4	Lg	07:42:39.995	-2.3					T__				---		255837	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU23A	1.13	120.2	Sn	07:42:43.062	-1.8					T__				---		255815	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	1.15	75.9	Sn	07:42:44.281	-1.1					T__				---		255816	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	1.15	94.0	Pn	07:42:28.795	-0.3					T__		45.2		---	ML	1.8 255817	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.15	94.0	Sn	07:42:44.936	-0.6					T__				---		255818	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)				(Station ML: 1.8 magdef=1)																				
JOS	1.19	75.7	Pg	07:42:29.145	0.1					T__		42.0		---	ML	1.8 255828	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.19	75.7	Sn	07:42:45.267	-1.1					T__				---		255819	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)				(Station ML: 1.8 magdef=1)																				
EGYH	1.28	231.8	Sn	07:42:48.567	0.1					T__				---		255820	FDSN	HU	--	BUD	iLoc	HHN	???	_
MPLH	1.35	219.8	Pn	07:42:33.183	1.5					T__		53.8		---	ML	2.0 255822	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.35	219.8	Sn	07:42:50.968	0.6					T__				---		255821	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)				(Station ML: 2.0 magdef=1)																				
NIE	1.56	38.8	Sn	07:42:56.808	1.3					T__				---		255823	FDSN	PL	--	BUD	iLoc	BHN	???	_
ABAH	1.63	86.3	Sn	07:42:59.144	2.0					T__				---		255824	FDSN	HU	--	BUD	iLoc	HHN	???	_
CONA	2.00	262.8	Sn	07:43:08.768	2.4					T__				---		255829	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/20 08:28:01.24 0.78 0.74 48.8176 16.1620 5.7 3.8 114 0.0f 17 9 88 0.29 1.63 sx BUD 18003868 BUD 132

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.3 7 BUD 18003868

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KRUC	0.29	32.1	Pg	08:28:07.043	0.1					T__		75.3		_c_	ML	1.0	255893	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.29	32.1	Lg	08:28:11.126	-0.2					T__						255894	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=0)																					
VRAC	0.57	29.9	Pg	08:28:12.077	0.0					T__		15.1		---	ML	1.0	255895	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.57	29.9	Lg	08:28:20.238	-0.2					T__				---		255886	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
CONA	0.91	192.8	Pg	08:28:19.015	-0.3					T__		40.9		---	ML	1.6	255896	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.91	192.8	Lg	08:28:30.935	-0.2					T__				---		255897	FDSN	OE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
JAVC	1.00	87.0	Pg	08:28:22.107	0.6					T__		61.6		---	ML	1.8	255887	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.00	87.0	Lg	08:28:35.122	-1.5					T__				---		255898	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
RONA	1.12	175.4	Pg	08:28:22.873	-0.6					T__				---		255900	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.12	175.4	Lg	08:28:38.202	0.2					T__				---		255899	FDSN	OE	--	BUD	iLoc	HNN	???	_	
CKRC	1.22	270.8	Pn	08:28:25.636	-0.0					T__		65.4		---	ML	2.0	255888	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.22	270.8	Lg	08:28:41.415	0.4					T__				---		255889	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
MORC	1.32	42.7	Pg	08:28:26.536	0.8					T__		37.9		---	ML	1.8	255891	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.32	42.7	Lg	08:28:44.806	0.8					T__				---		255890	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
PRU	1.58	318.5	Pn	08:28:30.204	-0.3					T__		42.1		---	ML	2.0	255892	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
PRU	1.58	318.5	Lg	08:28:50.624	-0.9					T__				---		255901	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=0)																					
ARSA	1.63	195.5	Lg	08:28:54.396	1.5					T__				---		255902	FDSN	OE	--	BUD	iLoc	HHE	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/20 08:42:18.59 0.69 0.94 48.6881 18.7069 4.7 3.2 40 0.0f 25 16 73 0.21 1.69 sx BUD 18003870 BUD 132

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.1 12 BUD 18003870

Sta	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	156.1	Pg	08:42:24.723	1.6					T__		151.1		---	ML	1.1	255964	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.21	156.1	Lg	08:42:26.512	0.0					T__				---		255975	FDSN	SK	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.1 magdef=1)																					

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(Station ML: 1.1 magdef=0
JAVC 0.71 284.4 Pg 08:42:33.120 -0.0 T__ 86.8 --- ML 1.8 255977 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.71 284.4 Lg 08:42:42.834 -1.3 T__ --- 255976 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.87 166.0 Pg 08:42:37.650 1.3 T__ 162.8 --- ML 2.2 255960 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.87 166.0 Lg 08:42:49.153 -0.8 T__ --- 255978 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
SR0 0.91 196.9 Pg 08:42:37.431 0.6 T__ 684.1 --- ML 2.8 255961 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
HU03A 0.99 142.4 Pg 08:42:38.709 -0.3 T__ 85.6 --- ML 2.0 255979 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 1.00 252.2 Pg 08:42:38.935 0.2 T__ --- 255965 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.00 252.2 Lg 08:42:53.561 -0.4 T__ --- 255980 FDSN SK -- BUD iLoc HHN ??? _
HU09A 1.07 191.8 Pg 08:42:39.549 -0.3 T__ 89.4 --- ML 2.0 255962 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 1.07 191.8 Sn 08:42:55.855 -0.6 T__ --- 255966 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 1.11 133.7 Pn 08:42:41.475 0.1 T__ 70.4 --- ML 2.0 255981 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.11 133.7 Sn 08:42:56.019 -1.4 T__ --- 255982 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.12 135.7 Pn 08:42:42.471 0.9 T__ 34.4 --- ML 1.7 255963 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.12 135.7 Sn 08:42:56.019 -1.7 T__ --- 255983 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
KECS 1.20 99.2 Pg 08:42:42.626 0.3 T__ 184.1 --- ML 2.4 255967 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
JOS 1.23 98.3 Pg 08:42:43.539 0.7 T__ 47.2 --- ML 1.9 255969 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORC 1.33 325.4 Pg 08:42:43.629 0.3 T__ 54.7 --- ML 2.0 255968 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.33 325.4 Lg 08:43:02.326 0.5 T__ --- 255984 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 1.34 114.4 Pn 08:42:43.883 -0.7 T__ 38.0 --- ML 1.8 255970 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.34 114.4 Sn 08:43:02.435 -0.6 T__ --- 255971 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 1.36 203.0 Sn 08:43:05.612 2.0 T__ --- 255972 FDSN ZJ 00 BUD iLoc HHN ??? _
VRAC 1.52 294.8 Sn 08:43:07.263 -0.4 T__ --- 255973 FDSN CZ -- BUD iLoc HHN ??? _
OJC 1.69 24.5 Lg 08:43:13.319 0.1 T__ --- 255974 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
2022/09/20 08:44:54.22 0.91 0.93 48.4975 20.7925 4.6 4.4 142 0.0f 17 11 96 0.17 1.30 sx BUD 18003872 BUD 154

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 6 BUD 18003872

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	269.5	Pg	08:44:57.461	-0.3					T__		384.2		___	ML	1.4	256038	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	269.5	Lg	08:45:01.296	0.6					T__				---		256052	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	0.20	266.1	Pg	08:44:58.009	-0.5					T__		1202.1		___	ML	1.9	256039	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	266.1	Lg	08:45:02.063	0.2					T__				---		256051	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
HU02A	0.42	205.5	Pg	08:45:03.085	-0.0					T__		39.5		___	ML	1.1	256040	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	205.5	Lg	08:45:11.448	1.5					T__				---		256053	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
PSZ	0.83	226.4	Lg	08:45:23.901	-0.6					T__				---		256041	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.87	225.2	Pg	08:45:13.018	0.5					T__		27.7		---	ML	1.4	256042	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	225.2	Lg	08:45:25.836	0.5					T__				---		256054	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU23A	0.93	203.2	Lg	08:45:27.971	0.3					T__				---		256046	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	0.98	340.8	Pg	08:45:14.114	1.4					T__		16.2		---	ML	1.3	256043	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.98	340.8	Lg	08:45:25.362	-1.2					T__				---		256044	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU03A	0.99	233.8	Lg	08:45:29.213	-0.2					T__				---		256048	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	1.07	65.5	Lg	08:45:29.943	-1.4					T__				---		256047	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.22	106.8	Pg	08:45:18.058	0.3					T__		36.0		---	ML	1.7	256045	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.22	106.8	Sn	08:45:34.179	-1.6					T__				---		256049	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
VYHS	1.30	270.6	Sn	08:45:37.758	-0.0					T__				---		256050	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date 2022/09/20 Time 10:22:07.15 Err 0.78 RMS 1.13 Latitude 48.3261 Longitude 19.8775 Smaj 3.8 Smin 2.8 Az 144 Depth 0.0f Err Ndef 22 Nsta 13 Gap 83 mdist 0.41 Mdist 1.74 Qual sx Author BUD OrigID 18003874 Rep BUD DPdep Err Sgp 137

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 9 BUD 18003874

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.41	178.4	Pg	10:22:16.122	-0.0					T__		201.1		___	ML	1.7	256104	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	178.4	Lg	10:22:22.769	-0.1					T__				---		256105	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KECS	0.43	68.6	Pg	10:22:16.267	0.3					T__		247.7		___	ML	1.9	256119	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.43	68.6	Lg	10:22:22.365	-0.3					T__				---		256120	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
ET1H	0.45	180.5	Pg	10:22:16.597	-0.2					T__		86.8		___	ML	1.5	256107	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.45	180.5	Lg	10:22:23.609	-0.1					T__				---		256106	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU03A	0.46	203.9	Pg	10:22:17.191	0.2					T__		147.7		___	ML	1.8	256108	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_



HU03A	0.46	203.9	Lg	10:22:24.029	-0.1	T__									256121	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
JOS	0.47	68.7	Pg	10:22:16.542	-0.1	T__	151.5								1.8	256110	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	68.7	Lg	10:22:23.444	-0.5	T__									256111	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
HU02A	0.48	115.0	Pg	10:22:17.054	-0.3	T__	77.1								1.5	256109	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	115.0	Lg	10:22:24.385	-0.7	T__									256122	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
VVHS	0.71	284.0	Pg	10:22:21.179	-0.5	T__	16.7								1.1	256124	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.71	284.0	Lg	10:22:30.728	-1.4	T__									256123	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=0)																								
HU10A	0.75	230.4	Pg	10:22:22.487	-0.1	T__	84.6								1.8	256125	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.75	230.4	Lg	10:22:33.150	-1.4	T__									256112	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
ABAH	0.91	91.4	Lg	10:22:38.026	-1.4	T__									256113	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	1.13	14.1	Pg	10:22:29.078	0.6	T__	18.0								1.4	256115	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.13	14.1	Lg	10:22:43.831	-1.1	T__									256114	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
HU09A	1.22	236.1	Sn	10:22:48.184	-0.4	T__									256116	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	1.56	290.8	Sn	10:22:58.615	1.5	T__									256117	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MODS	1.74	272.5	Sn	10:23:04.996	3.6	T__									256118	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
2022/09/20	10:50:35.08	2.09	1.19	48.3000	19.9113	15.7	4.6	131	0.0f		8	5	240	0.38	0.46		sx BUD	18003876	BUD			242

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	18003876

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.38	181.7	Pg	10:50:44.114	0.6					T__		153.6			ML	1.5	256161	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.38	181.7	Lg	10:50:48.533	-1.4					T__						256164	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.42	183.7	Pg	10:50:44.808	0.6					T__		81.6			ML	1.4	256162	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.42	183.7	Lg	10:50:50.249	-0.6					T__						256166	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.42	64.2	Lg	10:50:50.212	-0.1					T__						256165	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.45	113.2	Pg	10:50:45.611	1.0					T__		62.0			ML	1.3	256163	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	113.2	Lg	10:50:51.491	-0.5					T__						256167	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
JOS	0.46	64.7	Lg	10:50:49.811	-1.7					T__						256168	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/20	16:36:26.73	0.97	0.50	46.1586	22.5366	8.9	4.6	114	14.3	16.8	9	5	140	0.64	1.12	ke	BUD	18003878	BUD			203

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	4 BUD	18003878

Sta	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	0.64	10.7	Pg	16:36:39.901	0.1					T__		122.6		___	ML	1.9	256222	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.64	10.7	Lg	16:36:48.288	-0.7					T__				---		256216	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
GZR	0.78	167.5	Pg	16:36:42.081	0.2					T__		69.2		___	ML	1.8	256223	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.78	167.5	Lg	16:36:52.115	-0.6					T__				---		256217	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
BZS	0.84	230.2	Pg	16:36:43.396	0.3					T__		31.8		___	ML	1.5	256224	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.84	230.2	Lg	16:36:53.984	-0.3					T__				---		256218	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
CJR	0.92	52.5	Pg	16:36:45.057	0.3					T__		163.8		___	ML	2.2	256220	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	0.92	52.5	Lg	16:36:57.755	0.1					T__				---		256219	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
LOT	1.12	129.0	Sn	16:37:03.188	-0.1					T__				---		256221	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/21	08:44:50.47	0.79	0.90	48.4115	17.2828	4.1	3.3	114	0.0f		18	11	74	0.04	1.38	sx	BUD	18003886	BUD			106

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18003886

Sta	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	185.4	Pg	08:44:51.260	-0.7					T__				_c_		256470	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	185.4	Lg	08:44:53.769	0.3					T__				---		256471	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.25	209.2	Lg	08:44:58.785	-1.5					T__				---		256485	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.52	29.7	Pg	08:45:01.416	0.1					T__		234.4		___	ML	2.1	256472	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	29.7	Lg	08:45:08.315	-1.3					T__				---		256486	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																									
KRUC	0.88	318.3	Pg	08:45:08.202	0.9					T__		34.6		___	ML	1.5	256483	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.88	318.3	Lg	08:45:20.067	-0.2					T__				---		256473	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
RONA	0.97	223.3	Pg	08:45:08.643	-1.1					T__				---		256487	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.97	223.3	Lg	08:45:23.263	0.8					T__				---		256475	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VRAC	1.01	333.4	Pg	08:45:10.114	0.6					T__		10.4		___	ML	1.1	256474	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.01	333.4	Lg	08:45:23.910	-0.4					T__				---		256476	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
VYHS	1.04	84.9	Pg	08:45:12.539	1.1					T__		12.8		___	ML	1.2	256479	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.04	84.9	Lg	08:45:26.861	0.5					T__				---		256480	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									

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(Station ML: 1.2 magdef=1
CONA 1.07 243.6 Pg 08:45:12.356 0.8 T__ 32.1 ___ ML 1.6 256478 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.07 243.6 Lg 08:45:26.355 1.0 T__ ___ 256477 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU09A 1.07 135.9 Sn 08:45:28.048 -0.2 T__ ___ 256482 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 1.07 156.0 Sn 08:45:27.923 -0.4 T__ ___ 256481 FDSN ZJ 00 BUD iLoc HHN ??? _
MORC 1.38 7.0 Lg 08:45:34.326 -0.9 T__ ___ 256484 FDSN CZ -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/21 09:05:49.35 0.73 0.64 48.9745 18.3031 4.9 3.5 28 0.0f 14 10 85 0.43 1.58 sx BUD 18003888 BUD 120

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Magnitude Err Nsta Author OrigID
ML 1.6 0.2 4 BUD 18003888

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JAVC 0.43 254.8 Pg 09:05:58.260 -0.2 T__ 106.7 ___ ML 1.5 256578 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.43 254.8 Lg 09:06:05.300 -0.2 T__ ___ 256577 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.60 143.5 Pg 09:06:01.132 -0.3 T__ 27.2 ___ ML 1.3 256580 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.60 143.5 Lg 09:06:09.790 -0.4 T__ ___ 256579 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 0.91 228.9 Pg 09:06:07.828 0.1 T__ ___ 256576 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.91 228.9 Lg 09:06:21.301 -0.2 T__ ___ 256587 FDSN SK -- BUD iLoc HHN ??? _
MORC 0.94 328.5 Pg 09:06:06.327 -0.6 T__ 52.3 ___ ML 1.7 256581 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 0.94 328.5 Lg 09:06:20.973 0.8 T__ ___ 256586 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VRAC 1.17 287.2 Lg 09:06:28.939 0.5 T__ ___ 256582 FDSN CZ -- BUD iLoc HHN ??? _
KRUC 1.26 274.7 Sn 09:06:31.390 -0.5 T__ ___ 256584 FDSN CZ -- BUD iLoc HHN ??? _
NIE 1.38 70.5 Pn 09:06:16.692 0.7 T__ 30.4 ___ ML 1.8 256583 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 1.53 108.0 Sn 09:06:39.546 1.1 T__ ___ 256588 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.56 107.1 Sn 09:06:39.049 -0.1 T__ ___ 256589 FDSN ZJ -- BUD iLoc HHN ??? _
OJC 1.58 37.4 Sn 09:06:38.926 -0.9 T__ ___ 256585 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
2022/09/21 09:41:35.94 1.10 1.15 48.4074 17.3490 8.6 3.0 118 0.0f 12 7 192 0.06 1.11 sx BUD 18003890 BUD 246

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.06 234.7 Pg 09:41:37.677 -0.1 T__ _c_ 256644 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.06 234.7 Lg 09:41:38.765 -0.8 T__ ___ 256652 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.27 218.0 Pg 09:41:41.644 -0.2 T__ ___ 256646 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.27 218.0 Lg 09:41:44.796 -1.6 T__ ___ 256645 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.50 25.1 Pg 09:41:46.647 0.2 T__ 92.1 ___ ML 1.7 256653 FDSN CZ -- BUD iLoc HHZ HHZ _

```

JAVC	0.50	25.1	Lg	09:41:54.101	-0.5	T__	---	256647	FDSN	CZ	--	BUD	iLoc	HHE	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
KRUC	0.91	316.4	Pg	09:41:53.740	0.3	T__	42.9	---	ML	1.6	256654	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.91	316.4	Lg	09:42:06.559	-0.3	T__	---	256648	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
RONA	1.00	225.3	Pg	09:41:55.779	0.0	T__	---	256649	FDSN	OE	--	BUD	iLoc	HHZ	???	_			
RONA	1.00	225.3	Lg	09:42:11.237	2.4	T__	---	256650	FDSN	OE	--	BUD	iLoc	HHN	???	_			
VRAC	1.03	331.3	Lg	09:42:09.731	-0.9	T__	---	256655	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
CONA	1.11	244.8	Lg	09:42:13.220	1.2	T__	---	256651	FDSN	OE	--	BUD	iLoc	HHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/21	10:00:15.74	0.97	0.91	48.1674	16.9423	12.8	3.8	152	0.0f		7	4	155	0.11	0.76	sx	BUD	18003892	BUD			184

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
ZST	0.11	75.0	Pg	10:00:19.015	0.4					T__						256675	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
ZST	0.11	75.0	Lg	10:00:20.755	-0.3					T__						256677	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MODS	0.30	47.2	Pg	10:00:22.656	0.2					T__						256674	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.30	47.2	Lg	10:00:27.066	-0.7					T__						256678	FDSN	SK	--	BUD	iLoc	HHN	???	_		
RONA	0.64	223.1	Lg	10:00:36.056	-1.0					T__						256679	FDSN	OE	--	BUD	iLoc	HHN	???	_		
CONA	0.76	252.1	Pg	10:00:31.803	0.9					T__	32.6					256676	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	0.76	252.1	Lg	10:00:40.137	-0.8					T__						256680	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=0)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/21	10:31:39.67	0.29	1.28	46.8937	17.3343	3.8	3.1	74	0.0A	0.0	13	8	89	0.13	1.13	m	kx	BUD	18003894	BUD			360
2022/09/21	10:31:38.29	0.90	1.28	46.8902	17.3220f				0.0f		13	8	90	0.13	1.13		kx	BUD_GT	18003895	BUD_GT			148

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	5 BUD	18003895

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
BADH	0.13	129.3	Pg	10:31:41.420	-0.2					T__		1669.8				256712	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
BADH	0.13	129.3	Lg	10:31:44.537	0.2					T__						256713	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
A261A	0.13	297.5	Pg	10:31:41.663	0.0					T__	6151.5					256711	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
A261A	0.13	297.5	Lg	10:31:43.933	-0.4					T__						256710	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.5 magdef=1)																										
(Station ML: 2.5 magdef=0)																										
A263A	0.25	181.1	Pg	10:31:45.596	1.7					T__	1544.7					256709	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
A263A	0.25	181.1	Lg	10:31:49.925	1.9					T__						256708	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=1)																										

MPLH	0.32	27.9	Pg	10:31:44.666	-0.6	T__					488.4	---	ML	1.9	256707	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	27.9	Lg	10:31:50.282	-0.4	T__						---			256714	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
HU08A	0.68	37.0	Lg	10:32:02.581	-0.7	T__						---			256715	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KOGS	0.86	239.5	Lg	10:32:07.841	1.3	T__						---			256716	FDSN	SL	--	BUD	iLoc	BHE	???	_
KOVH	0.97	145.9	Pg	10:31:56.675	-1.1	T__					43.3	---	ML	1.7	256718	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.97	145.9	Lg	10:32:09.055	-2.5	T__						---			256717	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=0)																							
MORH	1.13	126.0	Sn	10:32:15.285	-1.7	T__						---			256719	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
2022/09/21	11:56:42.00	0.95	0.34	47.8928	16.0887	5.4	4.0	32	0.0f		8	5	86	0.16	1.19	sx	BUD	18003898	BUD			158

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
CONA	0.16	283.2	Pg	11:56:45.151	-0.2					T__		293.0			---	ML	1.2	256800	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	283.2	Lg	11:56:47.943	0.2					T__						256801	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
RONA	0.24	144.0	Pg	11:56:46.911	-0.1					T__						256802	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.24	144.0	Lg	11:56:50.795	0.2					T__						256803	FDSN	OE	--	BUD	iLoc	HHN	???	_		
ARSA	0.75	211.0	Lg	11:57:06.109	0.2					T__						256804	FDSN	OE	--	BUD	iLoc	HHN	???	_		
MODS	0.93	58.4	Lg	11:57:15.001	-0.3					T__						256807	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	1.19	9.8	Pg	11:57:05.057	0.3					T__		53.8			---	ML	1.9	256806	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.19	9.8	Lg	11:57:22.778	0.5					T__						256805	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/21	12:10:17.84	1.74	0.78	47.8393	20.1587	15.3	3.4	164	0.0f		15	9	213	0.19	1.10	sx	BUD	18003900	BUD			230

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 7 BUD 18003900

Sta	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	294.1	Pg	12:10:23.187	0.6					T__		747.2			---	ML	1.7	256840	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.19	294.1	Lg	12:10:26.040	-0.4					T__						256841	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
ET1H	0.20	281.7	Pg	12:10:23.091	0.6					T__		566.9			---	ML	1.6	256842	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.20	281.7	Lg	12:10:25.640	-0.4					T__						256847	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
HU02A	0.38	40.9	Pg	12:10:25.498	-0.5					T__		152.4			---	ML	1.5	256843	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.38	40.9	Lg	12:10:31.769	-0.6					T__						256849	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										

HU03A	0.38	279.9	Lg	12:10:31.752	-0.5	T__									256848	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.68	18.6	Pg	12:10:32.346	0.8	T__	111.3	---	ML	1.9	256844	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_				
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=0)																							
JOS	0.70	21.1	Pg	12:10:32.103	0.1	T__	40.2	---	ML	1.5	256846	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_				
JOS	0.70	21.1	Lg	12:10:43.513	0.8	T__		---			256845	FDSN	ZJ	--	BUD	iLoc	HHN	???	_				
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
HU10A	0.77	270.9	Lg	12:10:44.758	-1.3	T__		---			256850	FDSN	ZJ	00	BUD	iLoc	HHN	???	_				
ABAH	0.86	57.4	Pg	12:10:36.231	1.3	T__	62.4	---	ML	1.8	256852	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
ABAH	0.86	57.4	Lg	12:10:48.126	-0.7	T__		---			256851	FDSN	HU	--	BUD	iLoc	HHN	???	_				
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
VYHS	1.10	307.0	Pg	12:10:40.247	0.1	T__	16.9	---	ML	1.3	256853	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_				
VYHS	1.10	307.0	Sn	12:10:56.025	-0.5	T__		---			256854	FDSN	SK	--	BUD	iLoc	HHN	???	_				
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=0)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/21	15:45:02.05	1.43	0.97	45.6077	16.0705	8.2	8.1	103	1.9	11.5	11	6	160	0.23	1.39	ke	BUD	18003902	BUD			288

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	5 BUD	18003902

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.23	345.1	Pg	15:45:06.728	0.1					T__		1100.6		---	ML	2.0	256894	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.23	345.1	Lg	15:45:10.593	0.6					T__				---		256893	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
PTJ	0.31	346.6	Pg	15:45:07.745	-0.8					T__		78.8		---	ML	1.1	256891	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.31	346.6	Lg	15:45:12.474	-0.8					T__				---		256892	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
CRES	0.48	297.1	Pg	15:45:11.305	-0.1					T__		51.3		---	ML	1.4	256895	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.48	297.1	Lg	15:45:18.525	0.0					T__				---		256896	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOGS	0.85	8.4	Pn	15:45:20.742	-0.3					T__		55.4		---	ML	1.7	256899	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.85	8.4	Lg	15:45:31.725	2.1					T__				---		256900	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BLY	1.17	137.1	Lg	15:45:39.601	0.2					T__				---		256901	FDSN	MN	--	BUD	iLoc	HHZ	???	_	
OBKA	1.39	310.9	Pn	15:45:29.050	0.5					T__		46.4		---	ML	1.9	256898	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.39	310.9	Sn	15:45:47.457	-0.1					T__				---		256897	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/22	06:20:17.92	0.97	0.68	48.2107	21.2228	6.8	4.3	171	0.0f		18	11	106	0.09	1.74	sx	BUD	18003910	BUD			155

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 6 BUD 18003910

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.09	7.5	Pg	06:20:19.555	-0.7					T__		10474.1		---	ML	2.6 257068	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.09	7.5	Lg	06:20:21.025	-1.4					T__				---		257069	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0)																								
HU02A	0.48	259.5	Pg	06:20:28.091	0.0					T__		66.4		---	ML	1.4 257071	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	259.5	Lg	06:20:35.578	-0.2					T__				---		257072	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
JOS	0.54	302.3	Pg	06:20:29.041	0.3					T__		95.0		---	ML	1.8 257070	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	302.3	Lg	06:20:36.235	-0.8					T__				---		257081	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
KECS	0.56	299.3	Lg	06:20:37.751	-0.1					T__				---		257073	FDSN	SK	--	BUD	iLoc	EHN	???	_
TRPA	0.88	94.7	Pg	06:20:35.304	0.1					T__		130.7		---	ML	2.1 257074	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.88	94.7	Lg	06:20:48.962	-0.8					T__				---		257075	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
PSZ	0.94	252.3	Pg	06:20:37.787	0.1					T__		58.5		---	ML	1.8 257078	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.94	252.3	Lg	06:20:51.043	-0.7					T__				---		257082	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
ET1H	0.97	250.4	Pg	06:20:38.152	0.0					T__		43.9		---	ML	1.7 257080	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	250.4	Lg	06:20:52.760	0.5					T__				---		257079	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
KOLS	1.00	43.6	Pg	06:20:37.312	0.2					T__				---		257077	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	1.00	43.6	Lg	06:20:52.577	-0.8					T__				---		257076	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	1.35	333.6	Sn	06:21:03.570	0.7					T__				---		257083	FDSN	PL	--	BUD	iLoc	BHN	???	_
VYHS	1.62	281.0	Sn	06:21:10.380	1.1					T__				---		257084	FDSN	SK	--	BUD	iLoc	HHN	???	_
DRGR	1.74	144.0	Lg	06:21:16.601	-0.2					T__				---		257085	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/22 07:18:36.93 1.06 0.36 47.3589 18.3818 8.9 5.4 146 0.0f 9 7 108 0.08 1.18 sx BUD 18003912 BUD 210

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CSKK	0.08	272.9	Pg	07:18:39.403	0.2					T__		1403.5		---	ML	1.7 257132	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	272.9	Lg	07:18:41.704	0.1					T__				---		257137	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
HU09A	0.28	0.1	Lg	07:18:48.368	0.1					T__				---		257133	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	0.32	283.3	Lg	07:18:49.272	-0.3					T__				---		257140	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	1.13	62.1	Sn	07:19:16.707	0.3					T__				---		257135	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.16	171.0	Sn	07:19:16.561	-0.3					T__				---		257134	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.17	60.8	Sn	07:19:17.291	0.0					T__				---		257136	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	1.18	14.9	Pn	07:19:00.623	-0.1					T__		165.5		---	ML	2.4 257139	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.18	14.9	Sn	07:19:16.764	-0.7					T__				---		257138	FDSN	SK	--	BUD	iLoc	HHN	???	_

(Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/22	07:31:03.63	0.76	0.44	48.7732	19.4297	4.4	3.9	13	0.0f		17	11	91	0.48	1.59	sx	BUD	18003914	BUD			160

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.1	7 BUD	18003914

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.48	234.9	Lg	07:31:20.304	-0.4					T__						257182	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.76	112.1	Lg	07:31:29.945	-0.1					T__						257177	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.79	110.3	Pg	07:31:19.902	0.7					T__		203.1			ML	2.2	257175	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	110.3	Lg	07:31:30.712	-0.3					T__						257176	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
NIE	0.86	41.2	Pg	07:31:19.811	-0.1					T__		80.1			ML	1.9	257181	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.86	41.2	Lg	07:31:32.108	-0.1					T__						257183	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									
HU03A	0.88	172.5	Lg	07:31:35.198	0.5					T__						257184	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.91	159.9	Pg	07:31:22.349	-0.4					T__		225.6			ML	2.4	257179	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.91	159.9	Lg	07:31:35.578	-0.8					T__						257185	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
ET1H	0.94	161.6	Pg	07:31:23.883	0.6					T__		187.6			ML	2.3	257180	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.94	161.6	Lg	07:31:36.600	-0.4					T__						257186	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
HU02A	0.98	131.4	Pg	07:31:23.627	-0.1					T__		220.4			ML	2.4	257178	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	131.4	Lg	07:31:37.404	-0.5					T__						257187	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
JAVC	1.17	274.9	Pg	07:31:27.362	0.2					T__		335.7			ML	2.7	257188	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1																									
ABAH	1.29	111.0	Sn	07:31:46.804	-0.2					T__						257189	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORC	1.59	309.8	Pn	07:31:33.394	0.3					T__		298.5			ML	2.9	257191	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.59	309.8	Sn	07:31:54.210	-0.2					T__						257190	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/22	08:40:04.81	1.90	1.15	48.8698	21.0745	13.8	7.5	77	0.0f		9	7	211	0.52	1.28	sx	BUD	18003916	BUD			303

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.52	223.7	Lg	08:40:22.823	-0.1					T__						257226	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
KECS	0.55	225.5	Lg	08:40:23.883	-0.2					T__						257224	FDSN	SK	--	BUD	iLoc	EHN	???	_



ABAH	0.58	169.1	Lg	08:40:25.091	-1.2	T__								257227	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.75	317.5	Lg	08:40:28.725	-0.9	T__								257228	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.83	206.2	Pg	08:40:23.152	1.2	T__				44.2			ML	1.6	257223	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	206.2	Lg	08:40:33.122	-1.6	T__								257229	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
PSZ	1.23	220.0	Pn	08:40:29.482	0.1	T__				54.0			ML	1.9	257230	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	220.0	Sn	08:40:46.937	0.1	T__								257231	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
ET1H	1.28	219.4	Sn	08:40:46.524	-1.2	T__								257225	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
2022/09/22	08:47:30.58	1.23	0.94	48.5174	20.7930	10.6	3.5	11	0.0f		12	8	198	0.17	1.30	sx	BUD	18003918	BUD			216

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	4 BUD	18003918

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	262.8	Pg	08:47:34.500	0.3					T__		243.9			ML	1.2	257258	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	262.8	Lg	08:47:37.531	0.5					T__						257264	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.21	260.6	Pg	08:47:34.939	-0.0					T__		1080.4			ML	1.9	257259	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	260.6	Lg	08:47:39.303	1.0					T__						257262	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.37	126.5	Pg	08:47:39.093	0.8					T__		60.6			ML	1.1	257260	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	126.5	Lg	08:47:43.657	-1.1					T__						257265	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.43	204.4	Lg	08:47:47.057	0.1					T__						257266	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.85	225.4	Lg	08:48:00.195	-1.1					T__						257267	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.89	224.3	Pg	08:47:49.829	0.7					T__		33.4			ML	1.5	257261	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.89	224.3	Lg	08:48:02.209	0.0					T__						257268	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
TRPA	1.23	107.7	Sn	08:48:10.900	-1.4					T__						257269	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.30	269.7	Sn	08:48:13.023	-1.1					T__						257263	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
2022/09/22	09:05:29.18	0.67	1.07	47.7040	18.5536	3.7	2.8	148	0.0f		23	14	64	0.13	1.65	sx	BUD	18003920	BUD			109

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	8 BUD	18003920

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.13	240.6	Pg	09:05:32.538	0.2					T__		3416.4			ML	2.2	257315	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.13	240.6	Lg	09:05:34.491	-0.8					T__						257327	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									

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(Station ML: 2.2 magdef=1
SR0 0.20 304.1 Pg 09:05:34.747 1.2 T__ 4578.7 --- ML 2.5 257316 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 0.20 304.1 Lg 09:05:37.321 -0.1 T__ --- 257328 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
BUD 0.39 124.5 Lg 09:05:44.759 0.5 T__ --- 257329 FDSN HU -- BUD iLoc HHN ??? _
CSKK 0.39 210.3 Pg 09:05:38.107 0.7 T__ 302.4 --- ML 1.9 257317 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.39 210.3 Lg 09:05:42.818 -1.6 T__ --- 257330 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU08A 0.51 237.6 Pg 09:05:38.837 -0.8 T__ 105.9 --- ML 1.7 257319 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.51 237.6 Lg 09:05:47.967 -0.0 T__ --- 257318 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 0.81 13.4 Pg 09:05:46.250 0.5 T__ 19.3 --- ML 1.2 257321 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.81 13.4 Lg 09:05:56.877 -0.9 T__ --- 257331 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
MPLH 0.87 232.6 Lg 09:06:00.346 0.8 T__ --- 257320 FDSN HU -- BUD iLoc HHN ??? _
ET1H 0.91 78.4 Lg 09:06:00.127 -1.6 T__ --- 257322 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.93 76.2 Pg 09:05:49.391 0.5 T__ 87.7 --- ML 2.0 257324 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.93 76.2 Lg 09:06:00.566 -2.3 T__ --- 257323 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 1.09 308.5 Pg 09:05:51.071 -0.1 T__ --- 257326 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.09 308.5 Sn 09:06:05.824 -1.7 T__ --- 257325 FDSN SK -- BUD iLoc HHN ??? _
HU02A 1.39 71.8 Pn 09:05:57.154 1.2 T__ 46.3 --- ML 1.9 257333 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.39 71.8 Sn 09:06:15.413 0.4 T__ --- 257332 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.49 177.6 Pn 09:05:57.458 0.3 T__ 27.8 --- ML 1.8 257335 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.49 177.6 Sn 09:06:16.083 -1.3 T__ --- 257334 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 1.55 58.5 Sn 09:06:18.813 -0.0 T__ --- 257336 FDSN ZJ -- BUD iLoc HHN ??? _
KOVH 1.65 191.1 Lg 09:06:26.346 0.9 T__ --- 257337 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
2022/09/22 09:45:21.77 2.65 1.17 47.7476 19.0748 21.8 5.4 28 0.0f 8 5 262 0.10 1.04 sx BUD 18003924 BUD 272

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Magnitude Err Nsta Author OrigID
ML 1.5 0.4 3 BUD 18003924

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU10A 0.10 338.8 Pg 09:45:25.069 0.7 T__ 767.9 --- ML 1.5 257420 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.10 338.8 Lg 09:45:26.192 -0.6 T__ --- 257418 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.55 75.9 Lg 09:45:42.865 0.7 T__ --- 257421 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.58 72.5 Lg 09:45:43.241 -0.2 T__ --- 257422 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.76 348.0 Pg 09:45:38.978 1.6 T__ 16.7 --- ML 1.1 257423 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.76 348.0 Lg 09:45:47.633 -1.0 T__ --- 257419 FDSN SK -- BUD iLoc HHN ??? _

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 1.04 68.4 Pn 09:45:42.386 -1.4 T__ 48.1 ___ ML 1.8 257424 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.04 68.4 Sn 09:45:58.819 -0.2 T__ ___ 257425 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/22	10:06:03.94	0.42	0.58	47.9902	19.6030	4.3	4.0	109	0.0A	0.0	11	8	133	0.09	1.14	m	kx BUD	18003926	BUD			360
2022/09/22	10:06:02.25	0.91	0.36	48.0061	19.6278f				0.0f		11	8	122	0.10	1.12		kx BUD_GT	18003927	BUD_GT			219

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

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Magnitude Err Nsta Author OrigID
ML 1.4 0.0 3 BUD 18003927

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.10	190.5	Pg	10:06:05.258	0.4					T__		631.4		___	ML	1.4	257455	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	10:06:07.011	-0.0					T__				---		257456	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
PSZ	0.20	116.0	Pg	10:06:07.267	0.2					T__		526.7		___	ML	1.6	257453	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	10:06:10.115	-0.8					T__				---		257452	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
ET1H	0.21	127.7	Pg	10:06:07.011	-0.0					T__		339.3		___	ML	1.4	257454	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.21	127.7	Lg	10:06:10.572	-0.2					T__				---		257457	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
HU02A	0.61	78.7	Lg	10:06:24.454	-0.5					T__				---		257458	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.72	313.0	Lg	10:06:27.194	-0.4					T__				---		257459	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.75	49.9	Lg	10:06:28.716	0.2					T__				---		257460	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.78	50.9	Lg	10:06:29.670	-0.0					T__				---		257461	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
ABAH	1.12	74.4	Sn	10:06:41.176	0.0					T__				---		257462	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
2022/09/22	20:16:07.06	0.68	0.88	47.3766	18.2384	3.2	2.7	53	3.7	4.2	24	15	62	0.02	1.36		ke BUD	18003936	BUD			100

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 6 BUD 18003936

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.02	131.9	Pg	20:16:08.218	0.1					T__		16798.6		_c_	ML	2.6	257782	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	131.9	Lg	20:16:08.798	-0.4					T__				---		257783	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0)																									
HU08A	0.22	284.5	Pg	20:16:11.877	0.2					T__		160.1		___	ML	1.1	257786	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.22	284.5	Lg	20:16:15.365	-0.2					T__				---		257785	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																									

HU09A	0.28	20.4	Pg	20:16:12.973	0.1	T__	165.7	---	ML	1.3	257784	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.28	20.4	Lg	20:16:17.099	-0.6	T__		---			257796	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
SR0	0.44	6.6	Lg	20:16:23.527	0.4	T__		---			257791	FDSN	SK	--	BUD	iLoc	EHN	???	_
A267A	0.46	158.8	Pg	20:16:17.378	1.1	T__	74.8	---	ML	1.5	257787	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.46	158.8	Lg	20:16:23.560	-0.2	T__		---			257798	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
A271A	0.46	118.5	Lg	20:16:24.344	0.3	T__		---			257799	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.52	246.8	Lg	20:16:25.088	-0.1	T__		---			257797	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU01A	0.94	91.4	Sn	20:16:40.683	-0.3	T__		---			257792	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VVHS	1.19	19.5	Sn	20:16:45.995	-1.2	T__		---			257788	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	1.19	327.4	Sn	20:16:45.702	-1.5	T__		---			257790	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORH	1.19	166.4	Pn	20:16:30.591	0.0	T__	23.4	---	ML	1.5	257801	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.19	166.4	Sn	20:16:46.041	-1.2	T__		---			257800	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.19	166.4	Lg	20:16:47.006	-1.1	T__		---			257802	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
ET1H	1.21	64.9	Pn	20:16:31.095	0.2	T__	29.2	---	ML	1.6	257789	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.21	64.9	Sn	20:16:48.953	1.2	T__		---			257793	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
PSZ	1.24	63.6	Sn	20:16:48.902	0.3	T__		---			257794	FDSN	GE	--	BUD	iLoc	HHN	???	_
KOVH	1.29	184.3	Sn	20:16:48.274	-1.4	T__		---			257803	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	1.29	184.3	Lg	20:16:50.265	-0.3	T__		---			257804	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.36	284.5	Sn	20:16:50.627	-0.7	T__		---			257805	FDSN	OE	--	BUD	iLoc	HHN	???	_
RONA	1.36	284.5	Lg	20:16:53.051	1.8	T__		---			257795	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/23	07:19:39.08	1.42	1.10	48.7581	19.3663	13.0	3.9	176	0.0f		10	6	192	0.44	1.13	sx	BUD	18003940	BUD			234

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	18003940

Sta	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	0.44	233.3	Pg	07:19:48.660	0.6					T__		19.3		---	ML	0.8	257912	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.44	233.3	Lg	07:19:55.243	0.6					T__				---		257913	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.79	109.9	Pg	07:19:55.645	0.8					T__	116.5			---	ML	2.0	257915	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.79	109.9	Lg	07:20:06.472	-0.2					T__				---		257914	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.82	108.2	Pg	07:19:56.109	0.8					T__	55.0			---	ML	1.7	257916	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.82	108.2	Lg	07:20:07.212	-0.4					T__				---		257911	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.91	157.1	Lg	07:20:10.708	-1.1					T__				---		257917	FDSN	GE	--	BUD	iLoc	HHN	???	_	
HU02A	1.00	129.1	Pg	07:19:59.799	0.2					T__	34.4			---	ML	1.6	257910	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.00	129.1	Lg	07:20:13.931	-0.2					T__				---		257909	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

(Station ML: 1.6 magdef=1  
 JAVC 1.13 275.8 Sn 07:20:16.119 -2.3 T\_\_ --- 257918 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/23	07:28:45.79	0.87	0.84	48.5238	20.7895	8.2	3.2	3	0.0f	15	10	157	0.17	1.30	sx	BUD	18003942	BUD				198

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.5 4 BUD 18003942

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.17	260.5	Pg	07:28:49.236	-0.1					T__		208.9		---	ML	1.1	257952	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.17	260.5	Lg	07:28:53.043	0.8					T__				---		257953	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1)																										
KECS	0.21	258.8	Pg	07:28:49.747	-0.4					T__		679.5		---	ML	1.7	257955	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.21	258.8	Lg	07:28:54.001	0.5					T__				---		257954	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
ABAH	0.38	127.1	Pg	07:28:53.572	-0.0					T__		86.6		---	ML	1.3	257957	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.38	127.1	Lg	07:28:59.525	-0.7					T__				---		257963	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																										
HU02A	0.44	203.8	Lg	07:29:02.702	0.4					T__				---		257956	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.85	225.0	Lg	07:29:16.396	-0.2					T__				---		257964	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.89	223.9	Lg	07:29:18.259	0.8					T__				---		257958	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU03A	1.01	232.5	Lg	07:29:20.633	-0.8					T__				---		257965	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KOLS	1.06	66.8	Pn	07:29:08.837	0.8					T__				---		257960	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
KOLS	1.06	66.8	Lg	07:29:20.888	-1.7					T__				---		257959	FDSN	SK	--	BUD	iLoc	HHE	???	_		
TRPA	1.23	108.0	Pg	07:29:09.786	0.2					T__		102.1		---	ML	2.2	257961	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TRPA	1.23	108.0	Sn	07:29:27.023	-0.5					T__				---		257962	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1)																										
VYHS	1.30	269.4	Sn	07:29:28.082	-1.2					T__				---		257966	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
2022/09/23	08:05:21.12	0.94	0.99	48.9758	21.2200	6.2	4.2	160	0.0f	16	10	129	0.66	1.55	sx	BUD	18003944	BUD				169

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.0 5 BUD 18003944

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.66	223.4	Pg	08:05:33.779	-0.4					T__		83.4		---	ML	1.8	258022	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.66	223.4	Lg	08:05:43.968	-0.1					T__				---		258033	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																										
ABAH	0.68	178.9	Pg	08:05:36.354	1.7					T__		119.4		---	ML	2.0	258025	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.68	178.9	Lg	08:05:44.936	-1.0					T__				---		258034	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																										
KECS	0.69	224.9	Pg	08:05:34.199	-0.7					T__		135.5		---	ML	2.0	258023	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	

KECS 0.69 224.9 Lg 08:05:44.972 -0.3 T\_\_ --- 258035 FDSN SK -- BUD iLoc EHN ??? \_  
 (Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=0  
 KOLS 0.70 93.1 Pg 08:05:34.090 -0.4 T\_\_ --- 258026 FDSN SK -- BUD iLoc HHZ ??? \_  
 KOLS 0.70 93.1 Lg 08:05:45.228 -0.5 T\_\_ --- 258032 FDSN SK -- BUD iLoc HHN ??? \_  
 NIE 0.75 306.6 Lg 08:05:46.728 0.8 T\_\_ --- 258036 FDSN PL -- BUD iLoc BHN ??? \_  
 HU02A 0.97 208.7 Pg 08:05:40.407 -0.6 T\_\_ 55.9 --- ML 1.8 258024 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.97 208.7 Lg 08:05:54.175 -1.1 T\_\_ --- 258037 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=0  
 TRPA 1.22 133.5 Pg 08:05:45.015 0.5 T\_\_ 61.9 --- ML 2.0 258028 FDSN HU -- BUD iLoc HHZ HHZ \_  
 TRPA 1.22 133.5 Sn 08:06:01.522 -1.0 T\_\_ --- 258027 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1  
 PSZ 1.38 220.3 Sn 08:06:05.807 -0.8 T\_\_ --- 258029 FDSN GE -- BUD iLoc HHN ??? \_  
 ET1H 1.42 219.8 Sn 08:06:09.145 1.6 T\_\_ --- 258030 FDSN HU -- BUD iLoc HHN ??? \_  
 OJC 1.55 323.9 Sn 08:06:11.911 1.1 T\_\_ --- 258031 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  
 2022/09/23 08:10:04.97 1.08 1.35 45.9295 22.5183 6.1 5.6 94 0.0f 7 4 124 0.27 0.87 sx BUD 18003946 BUD 215

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 3 BUD 18003946

Sta 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 0.27 99.6 Pg 08:10:10.558 0.4 T\_\_ 621.7 --- ML 1.9 258083 FDSN RO -- BUD iLoc HHZ HHZ \_  
 DEV 0.27 99.6 Lg 08:10:12.585 -1.4 T\_\_ --- 258085 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 GZR 0.57 161.2 Pg 08:10:16.403 0.5 T\_\_ 37.5 --- ML 1.4 258084 FDSN RO -- BUD iLoc HHZ HHZ \_  
 GZR 0.57 161.2 Lg 08:10:24.455 0.5 T\_\_ --- 258086 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 BZS 0.70 244.0 Lg 08:10:27.328 -1.6 T\_\_ --- 258087 FDSN RO -- BUD iLoc HHN ??? \_  
 DRGR 0.87 8.7 Pg 08:10:23.262 0.8 T\_\_ 58.6 --- ML 1.8 258081 FDSN RO -- BUD iLoc HHZ HHZ \_  
 DRGR 0.87 8.7 Lg 08:10:34.217 -1.2 T\_\_ --- 258082 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/23 08:57:08.76 0.99 0.53 48.4953 17.5209 7.2 3.5 133 0.0f 8 5 143 0.20 1.25 sx BUD 18003948 BUD 218

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 MODS 0.20 233.2 Pg 08:57:13.292 -0.1 T\_\_ --- 258160 FDSN SK -- BUD iLoc HHZ ??? \_  
 MODS 0.20 233.2 Lg 08:57:16.615 -0.6 T\_\_ --- 258163 FDSN SK -- BUD iLoc HHN ??? \_  
 JAVC 0.38 15.2 Pg 08:57:16.634 -0.2 T\_\_ 95.0 --- ML 1.3 258161 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 JAVC 0.38 15.2 Lg 08:57:23.097 -0.1 T\_\_ --- 258164 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1

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(Station ML: 1.3 magdef=1
VYHS 0.87 89.6 Lg 08:57:39.580 0.4 T__ --- 258165 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.94 307.7 Lg 08:57:41.046 0.6 T__ --- 258162 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.25 243.5 Pg 08:57:33.367 0.1 T__ 45.7 --- ML 1.9 258167 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.25 243.5 Lg 08:57:50.019 0.7 T__ --- 258166 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/23	09:15:53.82	0.95	0.78	46.1102	18.0288	4.8	3.6	135	0.0f	10	5	125	0.05	1.11	mx	BUD	18003950	BUD				228

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 18003950

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
KOVH	0.05	113.9	Pg	09:15:55.640	0.0					T__		2192.6		---	ML	1.8	258193	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.05	113.9	Lg	09:15:57.083	-0.3					T__				---		258194	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										
A273A	0.24	217.5	Pg	09:15:58.749	-0.5					T__		576.5		---	ML	1.7	258196	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A273A	0.24	217.5	Lg	09:16:04.720	1.6					T__				---		258195	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																										
MORH	0.44	76.0	Pg	09:16:02.985	-0.1					T__		53.7		---	ML	1.3	258197	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	0.44	76.0	Lg	09:16:09.704	-0.5					T__				---		258198	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																										
A266A	0.45	21.4	Pg	09:16:03.533	0.3					T__		344.9		---	ML	2.1	258200	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A266A	0.45	21.4	Lg	09:16:10.690	0.3					T__				---		258199	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																										
MPLH	1.11	342.5	Pg	09:16:15.976	-0.2					T__		52.2		---	ML	1.8	258201	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	1.11	342.5	Lg	09:16:31.752	-0.9					T__				---		258202	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/23	09:24:19.60	0.25	0.86	46.9113	17.3913	3.3	2.5	109	0.0A	0.0	17	12	90	0.12	1.11	m	kx	BUD	18003952	BUD			360
2022/09/23	09:24:17.76	0.87	1.76	46.8902	17.3220f				0.0f		17	12	90	0.13	1.13		kx	BUD_GT	18003953	BUD_GT			148

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

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Magnitude Err Nsta Author OrigID
ML 2.1 0.0 5 BUD 18003953

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
BADH	0.13	129.3	Pg	09:24:22.222	1.1					T__		2988.4		---	ML	2.1	258250	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BADH	0.13	129.3	Lg	09:24:23.610	-0.2					T__				---		258249	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																										

A261A	0.13	297.5	Pg	09:24:23.332	2.2	T__	11705.6	---	ML	2.7	258243	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	297.5	Lg	09:24:26.825	3.0	T__		---			258245	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
A263A	0.25	181.1	Lg	09:24:27.773	0.3	T__		---			258251	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.32	27.9	Pg	09:24:23.554	-1.2	T__	732.1	---	ML	2.0	258241	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	27.9	Lg	09:24:28.408	-1.7	T__		---			258244	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
BEHE	0.56	222.0	Lg	09:24:38.437	1.0	T__		---			258252	FDSN	HU	--	BUD	iLoc	HHN	???	_
A265A	0.57	144.8	Lg	09:24:38.656	0.9	T__		---			258253	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	0.68	37.0	Pg	09:24:30.931	-0.7	T__	180.6	---	ML	2.1	258242	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.68	37.0	Lg	09:24:39.898	-2.8	T__		---			258246	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
CSKK	0.80	53.2	Lg	09:24:44.718	-2.4	T__		---			258254	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOGS	0.86	239.5	Sn	09:24:48.735	-1.0	T__		---			258255	FDSN	SL	--	BUD	iLoc	BHN	???	_
KOVH	0.97	145.9	Pg	09:24:36.391	-0.9	T__	61.0	---	ML	1.8	258257	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.97	145.9	Lg	09:24:50.780	-0.2	T__		---			258256	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
HU09A	1.04	43.6	Sn	09:24:51.292	-3.4	T__		---			258247	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.13	126.0	Sn	09:24:55.601	-0.8	T__		---			258248	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
2022/09/23	12:29:22.55	1.80	0.32	47.6410	20.1583	12.6	4.1	28	13.2	8.4	11	6	223	0.06	0.98	ke	BUD	18003954	BUD			230

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	18003954

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU23A	0.06	91.8	Pg	12:29:25.513	-0.0					T__		789.7		---	ML	1.4	258315	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.06	91.8	Lg	12:29:27.881	0.1					T__				---		258312	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.31	321.0	Pg	12:29:29.726	0.2					T__		36.6		---	ML	0.7	258311	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	321.0	Lg	12:29:34.290	-0.2					T__				---		258310	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
PSZ	0.33	327.4	Pg	12:29:30.342	0.2					T__		92.2		---	ML	1.2	258316	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	327.4	Lg	12:29:35.076	-0.6					T__				---		258309	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.54	27.0	Pg	12:29:33.907	-0.0					T__		41.6		---	ML	1.4	258314	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.54	27.0	Lg	12:29:42.233	0.0					T__				---		258313	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU05A	0.67	97.3	Pg	12:29:36.345	-0.1					T__		394.5		---	ML	2.5	258317	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.67	97.3	Lg	12:29:46.226	0.0					T__				---		258318	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
ABAH	0.98	47.5	Lg	12:29:56.423	0.5					T__				---		258319	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
2022/09/24	08:16:56.95	0.76	0.96	46.1061	16.1594	5.7	3.0	127	12.7	10.6	21	11	117	0.24	1.23	ke	BUD	18003956	BUD			147

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	11 BUD	18003956

Sta	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	0.24	213.9	Pg	08:17:02.260	-0.3					T__		283.2		___	ML	1.4	258401	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.24	213.9	Lg	08:17:04.803	-1.9					T__				---		258402	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
ZAG	0.30	203.4	Pg	08:17:04.096	0.7					T__		894.5		___	ML	2.1	258414	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.30	203.4	Lg	08:17:08.260	0.3					T__				---		258403	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
KOGS	0.35	10.4	Pg	08:17:04.904	0.7					T__		466.3		___	ML	1.9	258404	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.35	10.4	Lg	08:17:08.158	-1.0					T__				---		258405	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
BEHE	0.56	49.3	Pg	08:17:07.554	-0.6					T__		303.3		___	ML	2.3	258415	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.56	49.3	Lg	08:17:15.277	-0.7					T__				---		258408	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=1)																					
CRES	0.56	240.5	Pg	08:17:08.362	0.5					T__		101.6		___	ML	1.8	258407	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.56	240.5	Lg	08:17:15.480	-1.0					T__				---		258406	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=0)																					
A264A	0.79	85.7	Pg	08:17:12.938	0.6					T__		505.8		___	ML	2.6	258409	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.79	85.7	Lg	08:17:24.588	1.9					T__				---		258417	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.6 magdef=1)																					
				(Station ML: 2.6 magdef=0)																					
A262A	0.80	18.4	Pn	08:17:13.752	-0.2					T__		223.1		___	ML	2.3	258410	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.80	18.4	Lg	08:17:23.876	0.8					T__				---		258416	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=1)																					
A263A	0.96	55.8	Pg	08:17:14.769	-0.8					T__		305.6		___	ML	2.5	258411	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.96	55.8	Lg	08:17:28.803	0.5					T__				---		258412	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.5 magdef=1)																					
				(Station ML: 2.5 magdef=0)																					
A261A	1.09	38.6	Pg	08:17:16.859	-1.0					T__		176.3		___	ML	2.4	258418	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.4 magdef=1)																					
				(Station ML: 2.4 magdef=1)																					
OBKA	1.19	290.4	Pn	08:17:19.808	0.4					T__		48.0		___	ML	1.8	258419	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.19	290.4	Lg	08:17:34.655	-0.8					T__				---		258420	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ARSA	1.23	339.3	Pg	08:17:19.757	0.2					T__		68.3		___	ML	2.0	258421	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.23	339.3	Lg	08:17:36.023	0.2					T__				---		258413	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/26 07:27:49.30 1.16 0.93 48.0666 20.6981 8.2 4.1 167 0.0f 10 8 119 0.13 1.87 sx BUD 18003964 BUD 194

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L			
HU02A	0.13	295.7	Pg	07:27:52.531	0.0					T__		1139.1		___	ML	1.7	258707	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	0.13	295.7	Lg	07:27:55.051	-0.3					T__				___		258708	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
				(Reading ML: 1.7 magdef=1)																							
				(Station ML: 1.7 magdef=1)																							
ABAH	0.43	57.4	Pg	07:27:58.721	0.6					T__		68.5		___	ML	1.3	258711	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ABAH	0.43	57.4	Lg	07:28:03.852	-1.8					T__				___		258710	FDSN	HU	--	BUD	iLoc	HHN	???	_			
				(Reading ML: 1.3 magdef=1)																							
				(Station ML: 1.3 magdef=1)																							
KECS	0.44	341.3	Lg	07:28:05.269	0.1					T__				___		258713	FDSN	SK	--	BUD	iLoc	EHE	???	_			
JOS	0.44	346.2	Lg	07:28:05.046	-0.1					T__				___		258712	FDSN	ZJ	--	BUD	iLoc	HHN	???	_			
PSZ	0.56	254.9	Lg	07:28:09.987	-0.3					T__				___		258709	FDSN	GE	--	BUD	iLoc	HHN	???	_			
ET1H	0.59	251.6	Lg	07:28:10.876	0.1					T__				___		258714	FDSN	HU	--	BUD	iLoc	HHN	???	_			
VYHS	1.32	289.7	Sn	07:28:33.415	0.2					T__				___		258715	FDSN	SK	--	BUD	iLoc	HHN	???	_			
DRGR	1.87	132.3	Lg	07:28:50.631	-1.5					T__				___		258716	FDSN	RO	--	BUD	iLoc	HHN	???	_			

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/26 07:38:20.34 0.94 0.82 47.0984 18.0762 5.2 3.6 107 0.0f 10 6 130 0.23 1.01 sx BUD 18003966 BUD 234

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.3 4 BUD 18003966

Sta	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	212.3	Pg	07:38:25.170	-0.4					T__		567.6		___	ML	1.7	258745	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
TIH	0.23	212.3	Lg	07:38:29.653	-0.1					T__				___		258743	FDSN	HU	--	BUD	iLoc	HHE	???	_			
				(Reading ML: 1.7 magdef=1)																							
				(Station ML: 1.7 magdef=1)																							
CSKK	0.29	25.3	Pg	07:38:27.224	0.5					T__		117.8		___	ML	1.2	258744	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
CSKK	0.29	25.3	Lg	07:38:30.556	-1.8					T__				___		258746	FDSN	HU	--	BUD	iLoc	HHN	???	_			
				(Reading ML: 1.2 magdef=1)																							
				(Station ML: 1.2 magdef=1)																							
MPLH	0.37	281.3	Pg	07:38:29.037	0.7					T__		69.0		___	ML	1.2	258748	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
MPLH	0.37	281.3	Lg	07:38:34.003	-0.5					T__				___		258747	FDSN	HU	--	BUD	iLoc	HHN	???	_			
				(Reading ML: 1.2 magdef=1)																							
				(Station ML: 1.2 magdef=1)																							
A266A	0.59	167.2	Lg	07:38:41.413	0.1					T__				___		258749	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
MORH	0.97	155.9	Pg	07:38:40.170	0.6					T__		34.1		___	ML	1.6	258741	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
MORH	0.97	155.9	Lg	07:38:54.157	0.3					T__				___		258750	FDSN	HU	--	BUD	iLoc	HHN	???	_			
				(Reading ML: 1.6 magdef=1)																							
				(Station ML: 1.6 magdef=1)																							
KOVH	1.01	179.1	Lg	07:38:55.617	-0.0					T__				___		258742	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  
 2022/09/26 08:44:56.33 0.76 1.16 48.4040 19.1432 3.9 3.1 17 0.0f 25 16 73 0.22 1.73 sx BUD 18003968 BUD 120

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.2 10 BUD 18003968

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.22	293.9	Pg	08:45:01.855	0.8					T__		195.8		---	ML	1.2 258829	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	293.9	Lg	08:45:04.609	-0.1					T__				---		258847	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
HU10A	0.57	188.5	Pg	08:45:09.410	1.3					T__		372.7		---	ML	2.4 258831	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.57	188.5	Lg	08:45:16.349	-0.9					T__				---		258830	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																								
HU03A	0.59	148.4	Pg	08:45:09.766	1.1					T__		152.5		---	ML	2.0 258832	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.59	148.4	Lg	08:45:16.997	-0.5					T__				---		258833	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
PSZ	0.70	133.7	Pg	08:45:11.905	0.7					T__		78.6		---	ML	1.8 258835	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.70	133.7	Lg	08:45:21.472	-0.5					T__				---		258834	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
ET1H	0.72	136.9	Pg	08:45:12.562	1.1					T__		93.5		---	ML	1.9 258837	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.72	136.9	Lg	08:45:20.961	-1.2					T__				---		258836	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
SRO	0.81	223.6	Lg	08:45:24.490	-1.3					T__				---		258838	FDSN	SK	--	BUD	iLoc	EHN	???	_
KECS	0.90	84.4	Pg	08:45:15.593	1.4					T__		133.0		---	ML	2.1 258827	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.90	84.4	Lg	08:45:26.512	-1.1					T__				---		258839	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
JOS	0.93	83.8	Pg	08:45:15.538	0.7					T__		72.6		---	ML	1.9 258828	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.93	83.8	Lg	08:45:27.699	-1.1					T__				---		258840	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
HU02A	0.97	106.5	Pg	08:45:17.273	1.1					T__		114.7		---	ML	2.1 258826	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.97	106.5	Lg	08:45:27.608	-3.2					T__				---		258841	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
JAVC	1.08	295.6	Pg	08:45:18.185	-0.0					T__		96.8		---	ML	2.1 258843	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.08	295.6	Sn	08:45:33.961	-0.5					T__				---		258842	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
CSKK	1.20	210.0	Sn	08:45:37.608	0.3					T__				---		258848	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.24	269.3	Sn	08:45:37.528	-0.9					T__				---		258844	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	1.27	36.5	Pg	08:45:21.651	1.4					T__		37.9		---	ML	1.8 258845	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
HU08A	1.27	220.6	Sn	08:45:38.395	-0.7					T__				---		258849	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A267A	1.53	197.3	Sn	08:45:45.783	0.5					T__				---		258850	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORC	1.73	323.2	Sn	08:45:50.487	-0.0					T__				---		258846	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2022/09/26 10:00:15.02 0.78 1.18 48.1439 16.9335 5.6 3.5 132 0.0f 13 9 83 0.33 1.50 sx BUD 18003970 BUD 150

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.33	44.9	Pg	10:00:21.545	-0.6					T__						258892	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.33	44.9	Lg	10:00:26.512	-1.3					T__						258893	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.62	224.2	Pg	10:00:27.096	-0.3					T__						258896	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.62	224.2	Lg	10:00:35.642	-0.0					T__						258895	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.75	253.7	Lg	10:00:41.485	1.7					T__						258900	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.87	34.1	Lg	10:00:46.415	0.2					T__						258904	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
KRUC	0.99	338.9	Lg	10:00:48.788	0.3					T__						258894	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MPLH	1.06	157.0	Lg	10:00:49.957	-1.4					T__						258901	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VRAC	1.19	349.2	Lg	10:00:55.143	0.2					T__						258897	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
VYHS	1.32	73.9	Pg	10:00:43.676	2.1					T__		20.2			ML	1.5	258899	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.32	73.9	Sn	10:01:00.109	1.1					T__						258898	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
TREC	1.50	320.8	Pn	10:00:42.872	-0.3					T__		130.9			ML	2.4	258903	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.50	320.8	Sn	10:01:02.519	-0.9					T__						258902	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/26 11:26:32.44 1.24 0.88 48.8964 20.7115 9.0 6.0 79 0.0f 11 7 176 0.42 1.16 sx BUD 18003974 BUD 300

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 4 BUD 18003974

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.42	195.9	Pg	11:26:41.503	0.7					T__		119.1			ML	1.5	258999	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	195.9	Lg	11:26:47.684	0.5					T__						259000	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.44	200.0	Pg	11:26:41.576	0.3					T__		160.4			ML	1.7	259001	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	200.0	Lg	11:26:48.414	0.4					T__						259002	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	0.59	332.8	Lg	11:26:51.999	-0.0					T__						259006	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	0.70	149.5	Pg	11:26:46.752	0.5					T__		89.4			ML	1.8	259005	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.70	149.5	Lg	11:26:56.923	-0.8					T__						259004	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.78	189.2	Pg	11:26:48.881	0.3					T__		70.2			ML	1.8	259007	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	189.2	Lg	11:27:00.429	-0.3					T__						259003	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	1.12	209.4	Sn	11:27:10.299	-1.3					T__						259008	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.16	209.1	Sn	11:27:10.962	-1.6					T__						259009	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
2022/09/26	12:00:20.74	1.03	1.26	48.9466	19.3615	6.9	4.6	1	0.0f	11	8	146	0.57	1.13	sx	BUD	18003976	BUD				213

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
VYHS	0.57	217.7	Lg	12:00:40.999	0.3				T__						259040	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.78	52.2	Lg	12:00:45.897	-0.6				T__						259041	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KECS	0.88	121.5	Lg	12:00:50.211	-0.9				T__						259042	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.90	119.6	Pg	12:00:40.499	2.0				T__		52.4			ML	1.7	259038	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.90	119.6	Lg	12:00:50.699	-1.2				T__						259043	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
PSZ	1.09	160.8	Sn	12:00:57.874	-1.2				T__						259044	FDSN	GE	--	BUD	iLoc	HHN	???	_	
PSZ	1.09	160.8	Lg	12:00:59.525	0.0				T__						259039	FDSN	GE	--	BUD	iLoc	HHN	???	_	
JAVC	1.12	266.1	Pg	12:00:43.868	0.5				T__		84.2			ML	2.0	259046	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.12	266.1	Sn	12:00:58.585	-1.3				T__						259045	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
ET1H	1.12	162.2	Sn	12:00:58.600	-1.2				T__						259047	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	1.13	136.4	Lg	12:00:58.612	-1.1				T__						259037	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/26	13:29:46.09	3.12	2.17	47.1602	22.2603	27.7	6.9	15	0.0f	6	4	247	0.48	1.80	sx	BUD	18003978	BUD				303

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.48	139.9	Pg	13:29:56.202	0.4				T__			56.1			ML	1.4	259066	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.48	139.9	Lg	13:30:01.241	-2.5				T__							259067	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU24A	0.79	252.0	Pg	13:30:02.117	-0.7				T__		323.6			ML	2.5	259070	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU24A	0.79	252.0	Lg	13:30:17.236	2.3				T__							259069	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
BZS	1.61	196.3	Sn	13:30:37.137	-0.0				T__						259071	FDSN	RO	--	BUD	iLoc	HHN	???	_		
GZR	1.80	168.4	Sn	13:30:43.493	1.4				T__						259068	FDSN	RO	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/27	01:11:30.27	1.09	0.78	45.5360	16.0201	7.2	4.8	43	5.0f	17	10	173	0.29	1.56	ke	BUD	18003982	BUD				238

Magnitude Err Nsta Author OrigID

ML 1.9 0.2 7 BUD 18003982

Sta	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	0.29	355.5	Pg	01:11:35.593	-0.6				T__			478.0			ML	1.8	259152	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.29	355.5	Lg	01:11:40.271	-0.1				T__							259153	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

PTJ	0.37	354.4	Pg	01:11:37.271	-0.7	T__	121.4	___	ML	1.4	259154	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.37	354.4	Lg	01:11:42.864	-0.8	T__		---			259155	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
CRES	0.49	306.5	Pg	01:11:39.915	0.1	T__	73.1	___	ML	1.5	259157	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.49	306.5	Lg	01:11:47.694	0.7	T__		---			259156	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
KOGS	0.93	9.9	Pg	01:11:48.661	0.5	T__	83.8	___	ML	1.9	259158	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.93	9.9	Lg	01:12:01.728	1.5	T__		---			259159	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
BEHE	1.07	29.1	Pg	01:11:51.864	1.0	T__	130.4	___	ML	2.2	259160	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.07	29.1	Lg	01:12:06.508	1.1	T__		---			259161	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A264A	1.08	54.4	Pg	01:11:51.355	0.2	T__	135.8	___	ML	2.2	259162	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	1.08	54.4	Lg	01:12:06.355	0.4	T__		---			259163	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
BLY	1.14	133.3	Pg	01:11:51.508	-0.2	T__	72.4	___	ML	2.0	259165	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.14	133.3	Lg	01:12:06.813	-0.4	T__		---			259164	FDSN	MN	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
OBKA	1.41	314.0	Lg	01:12:16.932	1.0	T__		---			259166	FDSN	OE	--	BUD	iLoc	HHE	???	_
A265A	1.52	53.7	Sn	01:12:18.915	0.1	T__		---			259167	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KOVH	1.56	68.5	Sn	01:12:18.915	-0.7	T__		---			259168	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
2022/09/27	07:38:07.55	0.75	1.35	48.7332	18.7194	6.2	3.0	42	0.0f		19	10	152	0.25	1.92	sx	BUD	18003986	BUD			195

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	7 BUD	18003986

Sta	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	162.0	Pg	07:38:13.950	1.1					T__		91.1		---	ML	1.0	259246	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	162.0	Lg	07:38:16.981	0.2					T__				---		259254	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
JAVC	0.70	280.7	Pg	07:38:21.600	-0.5					T__		88.7		---	ML	1.8	259247	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.70	280.7	Lg	07:38:32.318	-0.7					T__				---		259245	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU10A	0.91	167.2	Pg	07:38:26.322	0.2					T__		77.3		---	ML	1.9	259251	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.91	167.2	Lg	07:38:38.300	-2.1					T__				---		259255	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	1.02	144.4	Pg	07:38:29.337	0.8					T__		67.8		---	ML	1.9	259248	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.02	144.4	Lg	07:38:42.338	-1.1					T__				---		259256	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MODS	1.02	250.0	Pg	07:38:27.461	-0.7					T__				---		259244	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

MODS	1.02	250.0	Lg	07:38:43.420	-0.3	T__									259257	FDSN	SK	--	BUD	iLoc	HHN	???	_			
ET1H	1.15	137.6	Pn	07:38:28.941	-2.0	T__									38.3	ML	1.7	259250	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.15	137.6	Sn	07:38:45.959	-1.4	T__											259249	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
MORC	1.30	324.0	Pg	07:38:31.900	0.2	T__									64.3	ML	2.0	259252	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.30	324.0	Pn	07:38:33.288	0.3	T__											259259	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
MORC	1.30	324.0	Lg	07:38:51.036	1.3	T__											259258	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=0)																										
HU02A	1.35	116.3	Pn	07:38:34.389	0.7	T__									35.3	ML	1.8	259260	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.35	116.3	Sn	07:38:51.407	-0.9	T__											259261	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
HU08A	1.41	202.6	Sn	07:38:56.287	2.6	T__											259262	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
RONA	1.92	238.4	Lg	07:39:13.638	2.1	T__											259253	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/27 08:28:43.97 1.98 0.53 48.6060 20.8274 13.6 7.0 17 0.0f 11 7 232 0.26 1.33 sx BUD 18003990 BUD 296

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.4 4 BUD 18003990

Sta	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	241.7	Pg	08:28:49.802	0.5					T__		1879.6			ML	2.3	259346	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.26	241.7	Lg	08:28:53.947	0.5					T__						259345	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
ABAH	0.41	138.3	Lg	08:28:59.992	0.3					T__						259349	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.52	202.7	Pg	08:28:55.362	0.3					T__		48.7			ML	1.4	259344	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.52	202.7	Lg	08:29:03.724	0.3					T__						259350	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.93	222.5	Lg	08:29:16.936	-0.4					T__						259351	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	221.7	Pg	08:29:04.309	0.1					T__		39.3			ML	1.6	259347	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	221.7	Lg	08:29:17.601	-0.7					T__						259348	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU03A	1.08	229.9	Pn	08:29:05.519	-0.8					T__		87.2			ML	2.0	259353	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.08	229.9	Sn	08:29:21.880	-0.1					T__						259352	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
VVHS	1.33	265.9	Sn	08:29:28.128	-0.1					T__						259354	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  
 2022/09/27 10:13:46.46 1.06 0.65 47.1272 17.8195 8.0 4.1 54 0.0f 6 4 134 0.20 1.07 sx BUD 18003992 BUD 225

Magnitude Err Nsta Author OrigID

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

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MPLH 0.20 282.8 Pg 10:13:51.199 0.2 T__ 85.6 ___ ML 0.8 259400 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.20 282.8 Lg 10:13:54.558 -0.2 T__ ___ 259399 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
TIH 0.23 167.5 Pg 10:13:52.002 0.4 T__ 259.7 ___ ML 1.4 259401 FDSN HU -- BUD iLoc HHZ HHZ _
TIH 0.23 167.5 Lg 10:13:55.418 -0.4 T__ ___ 259403 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.31 13.1 Lg 10:13:58.703 -0.2 T__ ___ 259404 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.07 147.8 Lg 10:14:22.574 -0.9 T__ ___ 259402 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
2022/09/27 11:32:35.15 0.91 0.70 47.9008 16.1033 6.5 4.0 44 0.0f 9 6 137 0.16 1.51 sx BUD 18003994 BUD 201

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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
CONA 0.16 279.7 Pg 11:32:38.435 -0.2 T__ 137.9 ___ ML 0.9 259427 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 279.7 Lg 11:32:41.247 0.1 T__ ___ 259428 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
RONA 0.24 147.0 Pg 11:32:39.969 -0.2 T__ ___ 259430 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.24 147.0 Lg 11:32:43.840 0.1 T__ ___ 259429 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.76 211.3 Lg 11:32:59.945 0.5 T__ ___ 259431 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.18 9.4 Pg 11:32:58.670 0.9 T__ 72.8 ___ ML 2.0 259433 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.18 9.4 Lg 11:33:14.153 -1.0 T__ ___ 259432 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TREC 1.45 343.9 Sn 11:33:23.267 0.8 T__ ___ 259434 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.51 308.2 Sn 11:33:23.489 -0.4 T__ ___ 259435 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/28 07:24:25.51 0.68 0.38 46.8644 17.2806 9.9 4.2 49 0.0A 0.0 6 4 194 0.14 1.14 m kx BUD 18004000 BUD 360
2022/09/28 07:24:22.93 0.93 1.87 46.9790 17.3040f 0.0f 6 4 144 0.11 1.20 kx BUD_GT 18004001 BUD_GT 253

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

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A261A 0.11 255.8 Lg 07:24:29.836 1.6 T__ ___ 259595 FDSN ZJ 00 BUD iLoc HHN ??? _
BADH 0.21 146.3 Pg 07:24:27.613 -0.1 T__ 710.5 ___ ML 1.7 259593 FDSN HU -- BUD iLoc HHZ HHZ _
BADH 0.21 146.3 Lg 07:24:29.876 -1.5 T__ ___ 259594 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MPLH 0.25 40.0 Pn 07:24:32.629 -1.3 T__ 346.7 ___ ML 1.5 259591 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.25 40.0 Lg 07:24:36.336 3.2 T__ ___ 259592 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 1.20 129.1 Sn 07:25:02.511 -0.7 T__ ___ 259596 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
2022/09/28	07:30:14.63	0.76	0.66	48.4123	17.3076	5.1	3.4	116	0.0f		18	10	73	0.04	1.67	sx	BUD	18004002	BUD			128

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	18004002

Sta	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	207.5	Pg	07:30:15.885	-0.3					T__						259632	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	207.5	Lg	07:30:17.127	-0.7					T__						259633	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.51	28.2	Pg	07:30:25.818	0.5					T__	187.1			---	ML	2.0	259634	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.51	28.2	Lg	07:30:33.213	-0.3					T__				---		259641	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KRUC	0.89	317.4	Pg	07:30:32.282	0.6					T__		49.1		---	ML	1.7	259635	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.89	317.4	Lg	07:30:44.662	-0.1					T__				---		259636	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
RONA	0.98	224.0	Pg	07:30:34.217	0.1					T__				---		259637	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.98	224.0	Lg	07:30:47.108	0.1					T__				---		259642	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VRAC	1.01	332.5	Pg	07:30:32.282	-1.5					T__	12.7			---	ML	1.2	259640	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.01	332.5	Lg	07:30:48.752	0.0					T__				---		259643	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
VYHS	1.02	84.8	Lg	07:30:50.151	0.2					T__				---		259644	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU08A	1.07	156.9	Sn	07:30:50.920	-1.4					T__				---		259645	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CONA	1.08	244.0	Pg	07:30:35.678	-0.3					T__	51.2			---	ML	1.8	259638	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.08	244.0	Lg	07:30:50.468	0.5					T__				---		259639	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MORC	1.37	6.4	Pg	07:30:40.214	0.0					T__	38.2			---	ML	1.8	259647	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.37	6.4	Lg	07:30:59.861	0.5					T__				---		259646	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	1.67	226.6	Pn	07:30:45.759	0.6					T__	44.1			---	ML	2.1	259649	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.67	226.6	Sn	07:31:07.524	0.2					T__				---		259648	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/28	07:53:21.02	0.78	1.39	48.7306	18.7222	6.0	3.4	32	0.0f		15	11	136	0.25	1.35	sx	BUD	18004006	BUD			179

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	18004006

Sta	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	162.3	Pg	07:53:27.644	1.4					T__	69.2			---	ML	0.8	259716	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	162.3	Lg	07:53:31.077	0.9					T__				---		259715	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									

JAVC	0.71	280.9	Pg	07:53:36.220	0.6	T__	74.4	---	ML	1.8	259717	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.71	280.9	Lg	07:53:46.226	-0.4	T__		---			259718	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
SRO	0.96	196.7	Lg	07:53:54.808	-0.7	T__		---			259719	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU03A	1.01	144.4	Lg	07:53:55.420	-1.4	T__		---			259720	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MODS	1.02	250.1	Lg	07:53:55.414	-1.8	T__		---			259721	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.13	135.7	Sn	07:53:57.467	-2.9	T__		---			259722	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.15	137.6	Pn	07:53:44.065	-0.3	T__	115.8	---	ML	2.2	259724	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.15	137.6	Sn	07:53:59.768	-1.0	T__		---			259723	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
KECS	1.20	101.3	Lg	07:54:00.136	-1.5	T__		---			259725	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	1.23	100.3	Lg	07:54:01.716	-0.9	T__		---			259726	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
MORC	1.30	324.0	Pg	07:53:46.503	1.3	T__	41.6	---	ML	1.8	259727	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
HU02A	1.35	116.2	Pn	07:53:47.291	0.2	T__	26.8	---	ML	1.7	259714	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.35	116.2	Sn	07:54:06.025	0.3	T__		---			259728	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/28	08:50:27.33	1.16	0.66	47.9703	16.0463	7.4	6.1	141	0.0f		5	3	136	0.13	1.12	sx	BUD	18004008	BUD			256

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.13	251.3	Pg	08:50:29.787	-0.4					T__		84.1			ML	0.6	259831	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	251.3	Lg	08:50:33.041	0.8					T__						259832	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
RDNA	0.32	148.0	Lg	08:50:38.736	0.3					T__						259833	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.12	11.9	Pg	08:50:48.804	0.0					T__	42.5				ML	1.7	259835	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.12	11.9	Lg	08:51:05.380	0.1					T__						259834	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/28	09:29:32.72	1.45	1.68	48.5033	21.3881	9.4	7.1	176	0.0f		10	8	143	0.23	1.19	sx	BUD	18004010	BUD			205

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.23	205.6	Pg	09:29:38.161	0.4					T__		164.7			ML	1.2	259881	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.23	205.6	Lg	09:29:42.288	0.2					T__						259885	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.56	269.6	Lg	09:29:51.189	-1.4					T__						259886	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
KECS	0.60	268.4	Lg	09:29:54.110	0.2					T__						259887	FDSN	SK	--	BUD	iLoc	EHN	???	_	

HU02A	0.69	236.8	Pg	09:29:47.601	0.5	T__					22.1	___	ML	1.2	259883	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.69	236.8	Lg	09:29:56.202	-1.7	T__						---			259882	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
				(Reading ML: 1.2 magdef=1)																			
				(Station ML: 1.2 magdef=1)																			
KOLS	0.73	53.4	Lg	09:29:59.415	0.9	T__						---			259884	FDSN	SK	--	BUD	iLoc	HHN	???	_
TRPA	0.85	115.5	Lg	09:29:59.879	-3.6	T__						---			259888	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.16	240.2	Sn	09:30:12.334	-0.5	T__						---			259889	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.19	239.0	Sn	09:30:13.896	0.3	T__						---			259890	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
2022/09/28	11:53:59.87	1.04	1.05	47.3577	16.3629	7.3	4.6	152	0.0f		13	7	175	0.35	1.71	sx	BUD	18004014	BUD			245

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	18004014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
RONA	0.35	352.5	Pg	11:54:07.084	0.0					T__						259949	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.35	352.5	Lg	11:54:12.598	0.6					T__						259948	FDSN	OE	--	BUD	iLoc	HHN	???	_		
SOP	0.35	22.1	Pg	11:54:06.938	-0.3					T__		80.1			___	ML	1.2	259950	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.35	22.1	Lg	11:54:13.183	0.8					T__						259951	FDSN	HU	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 1.2 magdef=1)																						
				(Station ML: 1.2 magdef=1)																						
ARSA	0.58	259.7	Pg	11:54:10.699	-0.5					T__		53.1			___	ML	1.5	259953	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.58	259.7	Lg	11:54:19.281	0.8					T__						259952	FDSN	OE	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 1.5 magdef=1)																						
				(Station ML: 1.5 magdef=1)																						
EGYH	0.66	84.5	Lg	11:54:24.390	0.9					T__						259959	FDSN	HU	--	BUD	iLoc	HHN	???	_		
CONA	0.66	329.5	Pg	11:54:14.716	1.6					T__		48.6			___	ML	1.6	259947	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.66	329.5	Lg	11:54:20.304	-1.6					T__						259958	FDSN	OE	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 1.6 magdef=1)																						
				(Station ML: 1.6 magdef=1)																						
MODS	1.19	30.9	Pn	11:54:23.335	-0.5					T__						259954	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	1.19	30.9	Sn	11:54:39.038	-1.6					T__						259955	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	1.71	0.7	Pn	11:54:30.931	0.0					T__		35.3			___	ML	2.0	259957	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.71	0.7	Sn	11:54:53.791	0.4					T__						259956	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 2.0 magdef=1)																						
				(Station ML: 2.0 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/28	14:24:12.81	0.86	0.63	47.8444	16.5900	8.4	5.0	167	11.5		12.5	9	5	146	0.16	1.23	ke	BUD	18004020	BUD			193

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.9	3 BUD	18004020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
SOP	0.16	187.6	Pg	14:24:16.313	-0.5					T__		59.5			___	ML	0.5	260091	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 0.5 magdef=1)																						
				(Station ML: 0.5 magdef=1)																						
RONA	0.25	234.0	Pg	14:24:18.593	0.3					T__						260083	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.25	234.0	Lg	14:24:23.067	1.0					T__						260084	FDSN	OE	--	BUD	iLoc	HHN	???	_		

CONA 0.50 280.0 Pg 14:24:22.457 -0.5 T\_\_ 27.8 --- ML 1.1 260086 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 0.50 280.0 Lg 14:24:29.271 -0.5 T\_\_ --- 260085 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1  
 MODS 0.70 40.8 Pg 14:24:27.237 0.2 T\_\_ --- 260087 FDSN SK -- BUD iLoc HHZ ??? \_  
 MODS 0.70 40.8 Lg 14:24:38.118 0.4 T\_\_ --- 260088 FDSN SK -- BUD iLoc HHN ??? \_  
 KRUC 1.23 354.0 Pn 14:24:35.779 -0.1 T\_\_ 40.1 --- ML 1.8 260090 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 KRUC 1.23 354.0 Sn 14:24:52.152 -0.2 T\_\_ --- 260089 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/29	06:30:13.56	1.98	1.35	48.0206	20.6816	11.9	6.7	152	0.0f	7	5	205	0.15	0.54	sx	BUD	18004022	BUD				270

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.15	314.1	Pg	06:30:17.328	0.2					T__		354.7		---	ML	1.3	260113	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.15	314.1	Lg	06:30:19.555	-0.6					T__				---		260116	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
ABAH	0.46	53.4	Lg	06:30:29.644	-1.5					T__				---		260118	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.48	344.3	Pg	06:30:24.850	1.5					T__		115.9		---	ML	1.7	260114	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.48	344.3	Lg	06:30:29.853	-0.9					T__				---		260117	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
JOS	0.48	348.8	Lg	06:30:29.881	-1.0					T__				---		260115	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
PSZ	0.54	259.3	Lg	06:30:33.303	-0.5					T__				---		260119	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/29	07:35:34.03	0.92	0.34	46.1110	18.0682	5.3	3.9	120	0.0f	8	5	119	0.03	1.12	sx	BUD	18004024	BUD					205

Magnitude Err Nsta Author OrigID  
ML 1.7 0.0 3 BUD 18004024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.03	135.9	Pg	07:35:35.587	0.2					T__		745.9		_c_	ML	1.3	260141	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	135.9	Lg	07:35:36.345	-0.5					T__				---		260146	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
A273A	0.26	222.1	Pg	07:35:39.768	-0.0					T__		465.4		---	ML	1.7	260142	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.26	222.1	Lg	07:35:44.087	0.2					T__				---		260145	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
MORH	0.41	75.2	Lg	07:35:49.300	-0.2					T__				---		260148	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A266A	0.44	18.1	Pg	07:35:43.219	-0.1					T__		147.2		---	ML	1.7	260143	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.44	18.1	Lg	07:35:50.760	0.4					T__				---		260144	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
MPLH	1.12	341.2	Sn	07:36:13.057	-0.1					T__				---		260147	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
2022/09/29	07:56:33.26	0.84	1.19	48.5378	17.4465	5.3	3.0	130	0.0f		13	8	122	0.20	1.50	sx	BUD	18004028	BUD			189

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	18004028

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.20	214.5	Pg	07:56:37.102	-0.7					T__						260210	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	214.5	Lg	07:56:39.622	-2.0					T__						260216	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.35	24.7	Pg	07:56:40.353	-0.5					T__	157.6			---	ML	1.5	260211	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.35	24.7	Lg	07:56:45.502	-1.4					T__				---		260217	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KRUC	0.87	307.4	Lg	07:57:03.048	0.2					T__						260218	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.92	92.2	Pg	07:56:52.769	0.8					T__	13.1			---	ML	1.1	260215	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.92	92.2	Lg	07:57:05.003	-0.3					T__				---		260219	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
RONA	1.14	223.0	Pg	07:56:56.457	0.7					T__						260212	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.14	223.0	Lg	07:57:12.124	1.5					T__						260220	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.22	240.7	Pg	07:56:57.370	0.1					T__	33.0			---	ML	1.7	260214	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.22	240.7	Lg	07:57:14.607	1.5					T__				---		260213	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MORC	1.24	2.9	Lg	07:57:14.898	1.2					T__						260221	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
TREC	1.50	301.1	Sn	07:57:21.801	0.1					T__						260222	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/29	08:01:04.08	1.48	0.53	46.0620	22.8769	11.9	7.7	73	0.0f		7	5	143	0.18	0.99	sx	BUD	18004030	BUD			250

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.18	174.1	Pg	08:01:07.778	0.3					T__		902.2		---	ML	1.8	260246	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	174.1	Lg	08:01:10.042	0.0					T__				---		260245	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
GZR	0.67	186.0	Pg	08:01:16.981	-0.0					T__	36.7			---	ML	1.4	260247	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	186.0	Lg	08:01:25.855	-0.7					T__				---		260248	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
DRGR	0.74	351.1	Lg	08:01:30.639	-0.3					T__						260244	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.88	134.2	Lg	08:01:33.012	-0.7					T__						260249	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.99	243.6	Lg	08:01:37.106	-0.1					T__						260250	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/29	08:06:47.63	0.83	0.84	47.9049	16.0767	5.0	3.8	37	0.0f		12	9	84	0.15	1.49	sx	BUD	18004032	BUD			130

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
CONA	0.15	279.3	Pg	08:06:50.541	-0.2					T__		363.5		---	ML	1.3	260275	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.15	279.3	Lg	08:06:52.623	-0.4					T__				---		260276	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
RONA	0.25	144.1	Pg	08:06:52.294	-0.7					T__				---		260278	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.25	144.1	Lg	08:06:56.311	-0.3					T__				---		260277	FDSN	OE	--	BUD	iLoc	HHN	???	_		
ARSA	0.75	210.0	Pg	08:07:03.761	1.5					T__		47.4		---	ML	1.6	260279	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.75	210.0	Lg	08:07:11.320	-0.4					T__				---		260285	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
MODS	0.93	59.3	Lg	08:07:21.436	0.5					T__				---		260280	FDSN	SK	--	BUD	iLoc	HHN	???	_		
A262A	1.09	163.4	Lg	08:07:24.494	1.3					T__				---		260286	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KRUC	1.18	10.3	Lg	08:07:27.790	0.2					T__				---		260281	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
TREC	1.45	344.5	Sn	08:07:35.605	0.8					T__				---		260283	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
VRAC	1.45	13.5	Sn	08:07:34.729	-0.0					T__				---		260284	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
CKRC	1.49	308.5	Sn	08:07:35.459	-0.5					T__				---		260282	FDSN	CZ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/29	08:24:38.70	1.04	0.72	48.4958	19.3986	8.0	3.9	12	0.0f		9	7	179	0.37	0.84	sx	BUD	18004034	BUD			282

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
VYHS	0.37	269.9	Pg	08:24:46.847	0.4					T__		18.1		---	ML	0.6	260313	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.37	269.9	Lg	08:24:51.239	-0.9					T__				---		260314	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.6 magdef=1)																										
(Station ML: 0.6 magdef=1)																										
HU03A	0.61	167.1	Lg	08:25:00.920	0.3					T__				---		260315	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
PSZ	0.67	150.0	Lg	08:25:02.396	-0.8					T__				---		260316	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.69	152.7	Lg	08:25:03.542	-0.1					T__				---		260312	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KECS	0.72	90.6	Lg	08:25:03.998	-0.0					T__				---		260309	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.76	89.6	Lg	08:25:05.078	-0.1					T__				---		260308	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
HU02A	0.84	116.0	Pg	08:24:56.323	0.3					T__		22.4		---	ML	1.3	260311	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.84	116.0	Lg	08:25:07.863	-1.2					T__				---		260310	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/29	08:47:05.99	3.92	0.52	48.4346	20.7877	24.0	10.2	88	0.0f		6	4	297	0.18	0.83	sx	BUD	18004036	BUD			304

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.18	290.4	Pg	08:47:09.786	0.0					T__		100.5		---	ML	0.8	260335	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.18	290.4	Lg	08:47:12.887	0.2					T__				---		260338	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=1)																										

KECS	0.21	283.7	Pg	08:47:10.170	-0.2	T__				339.3	___	ML	1.4	260336	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	283.7	Lg	08:47:13.734	-0.0	T__					---			260337	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
	(Reading ML: 1.4 magdef=1)																					
	(Station ML: 1.4 magdef=1)																					
PSZ	0.79	229.5	Lg	08:47:34.245	-0.5	T__					---			260339	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.83	228.2	Lg	08:47:36.306	0.7	T__					---			260340	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
2022/09/29	08:58:25.59	0.78	1.39	48.2401	21.2166	4.3	3.7	149	0.0f		22	13	51	0.06	1.77	sx	BUD	18004038	BUD			99

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	10 BUD	18004038

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.06	15.4	Pg	08:58:26.238	-1.1					T__		27475.4		___	ML	2.9	260383	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	15.4	Lg	08:58:27.881	-1.2					T__				---		260384	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 2.9 magdef=1)																								
	(Station ML: 2.9 magdef=0)																								
HU02A	0.48	256.0	Pg	08:58:34.893	-0.9					T__		88.2		___	ML	1.6	260387	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	256.0	Lg	08:58:42.379	-1.2					T__				---		260400	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.6 magdef=1)																								
	(Station ML: 1.6 magdef=0)																								
JOS	0.52	299.8	Pg	08:58:35.696	-0.3					T__		71.8		___	ML	1.6	260386	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	299.8	Lg	08:58:42.945	-1.1					T__				---		260385	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.6 magdef=1)																								
	(Station ML: 1.6 magdef=1)																								
KECS	0.54	296.8	Pg	08:58:36.573	-0.0					T__		161.3		___	ML	2.0	260388	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.54	296.8	Lg	08:58:44.370	-0.6					T__				---		260389	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=1)																								
HU05A	0.69	184.5	Pg	08:58:40.006	-0.1					T__		319.0		___	ML	2.4	260390	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.69	184.5	Lg	08:58:50.012	-1.5					T__				---		260391	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 2.4 magdef=1)																								
	(Station ML: 2.4 magdef=1)																								
HU23A	0.89	227.6	Pg	08:58:43.945	-0.4					T__		249.6		___	ML	2.4	260399	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.4 magdef=1)																								
	(Station ML: 2.4 magdef=0)																								
TRPA	0.89	96.6	Pg	08:58:42.635	-0.3					T__		95.4		___	ML	2.0	260393	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	96.6	Lg	08:58:54.978	-2.7					T__				---		260392	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=1)																								
PSZ	0.94	250.5	Pg	08:58:44.461	-1.0					T__		72.2		___	ML	1.9	260396	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.94	250.5	Lg	08:58:58.411	-1.2					T__				---		260395	FDSN	GE	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=1)																								
ET1H	0.97	248.7	Pg	08:58:44.753	-1.2					T__		51.6		___	ML	1.8	260397	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	248.7	Lg	08:58:59.032	-1.1					T__				---		260402	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=1)																								
KOLS	0.99	44.9	Pg	08:58:44.972	0.5					T__				---		260394	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.99	44.9	Lg	08:58:58.813	-1.6					T__				---		260401	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	1.33	333.1	Pn	08:58:52.933	1.5					T__		18.3		___	ML	1.5	260398	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
VYHS 1.61 280.0 Sn 08:59:19.751 3.0 T__ --- 260403 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.77 144.5 Sn 08:59:21.715 1.0 T__ --- 260404 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/29 13:20:03.99 0.93 0.56 46.4411 17.1954 6.0 3.6 0 5.0f 10 5 151 0.22 1.03 ke BUD 18004042 BUD 186

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Magnitude Err Nsta Author OrigID
ML 1.5 0.0 5 BUD 18004042

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A263A 0.22 22.4 Pg 13:20:08.299 -0.3 T__ 364.1 --- ML 1.5 260522 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A263A 0.22 22.4 Lg 13:20:12.503 0.5 T__ --- 260517 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BEHE 0.29 275.9 Pg 13:20:09.468 -0.7 T__ 168.4 --- ML 1.3 260523 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.29 275.9 Lg 13:20:14.553 0.2 T__ --- 260524 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KOGS 0.65 271.0 Pg 13:20:17.095 0.2 T__ 60.9 --- ML 1.6 260525 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.65 271.0 Lg 13:20:26.436 1.1 T__ --- 260518 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
KOVH 0.72 119.0 Pg 13:20:18.367 -0.1 T__ 41.4 --- ML 1.5 260526 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.72 119.0 Lg 13:20:28.063 -0.2 T__ --- 260519 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 1.03 102.2 Pg 13:20:24.198 0.1 T__ 28.3 --- ML 1.5 260520 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.03 102.2 Lg 13:20:38.029 -0.0 T__ --- 260521 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/09/30 06:39:31.54 0.86 0.91 48.5462 19.3220 6.4 3.2 12 0.0f 17 11 135 0.33 1.70 sx BUD 18004048 BUD 166

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 18004048

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Sta 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 0.33 261.0 Pg 06:39:38.732 0.4 T__ 44.8 --- ML 0.9 260781 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.33 261.0 Lg 06:39:42.813 -0.6 T__ --- 260780 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
HU03A 0.67 163.8 Pg 06:39:46.152 0.6 T__ 63.8 --- ML 1.7 260783 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.67 163.8 Lg 06:39:55.364 -0.2 T__ --- 260782 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 0.74 148.4 Pg 06:39:47.779 0.6 T__ 40.3 --- ML 1.5 260777 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.74 148.4 Lg 06:39:57.228 -1.1 T__ --- 260776 FDSN GE -- BUD iLoc HHN ??? _

```



(Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 ET1H 0.76 151.0 Pg 06:39:48.378 0.8 T\_\_ 24.8 \_\_\_ ML 1.3 260778 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ET1H 0.76 151.0 Lg 06:39:57.983 -0.9 T\_\_ \_\_\_ 260779 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 KECS 0.78 94.2 Lg 06:39:58.405 -0.2 T\_\_ \_\_\_ 260775 FDSN SK -- BUD iLoc EHN ??? \_  
 JOS 0.81 93.1 Pg 06:39:48.126 0.5 T\_\_ \_\_\_ ML 1.8 260774 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 0.81 93.1 Lg 06:39:59.319 -0.5 T\_\_ \_\_\_ 260784 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=0  
 HU02A 0.91 117.4 Pg 06:39:50.206 -0.0 T\_\_ 38.3 \_\_\_ ML 1.6 260786 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.91 117.4 Lg 06:40:02.586 -1.6 T\_\_ \_\_\_ 260785 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 JAVC 1.14 286.6 Sn 06:40:09.441 -1.7 T\_\_ \_\_\_ 260787 FDSN CZ -- BUD iLoc HHN ??? \_  
 ABAH 1.30 100.4 Sn 06:40:15.699 0.6 T\_\_ \_\_\_ 260788 FDSN HU -- BUD iLoc HHN ??? \_  
 MODS 1.37 263.5 Sn 06:40:17.776 0.9 T\_\_ \_\_\_ 260789 FDSN SK -- BUD iLoc HHN ??? \_  
 MORC 1.70 317.2 Sn 06:40:25.437 0.5 T\_\_ \_\_\_ 260790 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/30	08:02:19.14	0.71	0.75	48.8167	16.1992	5.4	3.6	105	0.0f	19	11	74	0.28	1.63	sx	BUD	18004052	BUD				119

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	8 BUD	18004052

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
KRUC	0.28	27.7	Pg	08:02:24.485	-0.1					T__		180.1		_c_	ML	1.3	260888	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	0.28	27.7	Lg	08:02:28.594	-0.2					T__				---		260889	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																										
VRAC	0.56	27.6	Pg	08:02:29.581	-0.2					T__		14.0		---	ML	1.0	260890	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
VRAC	0.56	27.6	Lg	08:02:36.976	-1.0					T__				---		260896	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0)																										
TREC	0.67	315.9	Lg	08:02:42.474	1.5					T__				---		260897	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
MODS	0.84	121.4	Pg	08:02:37.098	0.9					T__				---		260891	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
CONA	0.92	194.3	Pg	08:02:36.390	-0.9					T__		38.5		---	ML	1.6	260882	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.92	194.3	Lg	08:02:49.007	-0.2					T__				---		260883	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																										
JAVC	0.97	86.9	Pg	08:02:39.522	0.6					T__		44.2		---	ML	1.7	260892	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
RONA	1.12	176.6	Pg	08:02:40.279	-1.0					T__				---		260885	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	1.12	176.6	Lg	08:02:55.252	-0.6					T__				---		260884	FDSN	OE	--	BUD	iLoc	HHN	???	_		
CKRC	1.25	270.9	Pg	08:02:43.462	0.9					T__		113.5		---	ML	2.2	260894	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
CKRC	1.25	270.9	Lg	08:02:59.731	0.0					T__				---		260898	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0)																										
MORC	1.30	42.0	Pg	08:02:43.868	0.5					T__		35.9		---	ML	1.8	260893	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
MORC	1.30	42.0	Lg	08:03:01.452	0.0					T__				---		260899	FDSN	CZ	--	BUD	iLoc	HHN	???	_		

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PRU 1.60 317.9 Pn 08:02:48.377 -0.3 T__ 38.7 ___ ML 2.0 260895 FDSN CZ -- BUD iLoc HHZ HHZ _
PRU 1.60 317.9 Sn 08:03:09.065 -0.9 T__ ___ 260900 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ARSA 1.63 196.4 Pn 08:02:49.409 0.3 T__ 43.9 ___ ML 2.0 260886 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.63 196.4 Sn 08:03:11.393 0.5 T__ ___ 260887 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/30	11:46:13.31	1.89	1.42	47.0519	22.2983	20.0	8.3	24	0.0f	7	5	211	0.38	1.90	sx	BUD	18004054	BUD				294

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.38	132.5	Pg	11:46:21.016	-0.2					T__		128.4		___	ML	1.5	260947	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.38	132.5	Lg	11:46:26.311	-1.3					T__				___		260948	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
BSZH	1.41	280.9	Sn	11:46:58.837	-0.6					T__				___		260950	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BZS	1.51	198.5	Pn	11:46:42.573	1.0					T__		31.6		___	ML	1.8	260952	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.51	198.5	Sn	11:47:00.248	-1.7					T__				___		260951	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
GZR	1.69	168.5	Sn	11:47:07.668	1.1					T__				___		260949	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.90	147.0	Sn	11:47:12.701	0.9					T__				___		260953	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/30	13:43:28.73	1.56	0.96	46.0865	21.7321	13.1	5.9	118	0.0f	7	4	213	0.48	1.56	sx	BUD	18004060	BUD					283

Magnitude Err Nsta Author OrigID  
ML 1.5 0.0 3 BUD 18004060

Sta	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	0.48	189.8	Pg	13:43:38.661	0.5					T__		66.1		___	ML	1.4	261162	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.48	189.8	Lg	13:43:44.285	-0.9					T__				___		261163	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
DRGR	0.98	43.5	Pg	13:43:48.533	0.3					T__		60.6		___	ML	1.8	261160	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.98	43.5	Lg	13:44:01.862	-0.8					T__				___		261161	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
GZR	1.01	133.1	Pg	13:43:48.792	0.9					T__		26.1		___	ML	1.5	261165	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.01	133.1	Lg	13:44:02.084	0.1					T__				___		261164	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
LOT	1.56	113.4	Sn	13:44:17.738	-1.1					T__				___		261166	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/30	17:02:16.92	0.82	1.02	46.1240	17.0158	4.4	3.2	1	8.5	6.9	30	22	78	0.19	1.78	ke	BUD	18004064	BUD			143

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	10 BUD	18004064

Sta	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	0.19	79.3	Pg	17:02:21.016	-0.3					T__		1123.8		___	ML	1.9	261305	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.19	79.3	Lg	17:02:24.969	0.6					T__				---		261306	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
BEHE	0.38	334.4	Pg	17:02:24.522	-0.4					T__		873.1		_c_	ML	2.3	261304	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.38	334.4	Lg	17:02:30.027	-0.3					T__				---		261307	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
A263A	0.56	21.7	Lg	17:02:36.089	0.2					T__				---		261308	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A273A	0.60	110.1	Pg	17:02:28.787	-0.1					T__		687.3		---	ML	2.7	261309	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.60	110.1	Lg	17:02:37.551	0.8					T__				---		261310	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
A265A	0.62	60.7	Pg	17:02:28.896	-0.5					T__		1210.4		---	ML	2.9	261311	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=0)																									
KOGS	0.62	301.7	Pg	17:02:29.908	0.7					T__		224.2		---	ML	2.2	261302	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.62	301.7	Lg	17:02:37.139	-0.2					T__				---		261303	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BADH	0.75	24.7	Lg	17:02:42.652	0.7					T__				---		261313	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	0.76	92.3	Pg	17:02:31.095	-0.8					T__		657.9		---	ML	2.7	261312	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
PTJ	0.76	253.8	Pg	17:02:31.515	-0.4					T__		145.1		---	ML	2.1	261299	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.76	253.8	Lg	17:02:40.937	-2.0					T__				---		261300	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A261A	0.83	6.3	Lg	17:02:46.105	1.6					T__				---		261314	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A266A	0.95	64.7	Sn	17:02:49.693	-0.6					T__				---		261315	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	1.11	18.8	Sn	17:02:54.107	-0.0					T__				---		261317	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CRES	1.13	255.2	Pn	17:02:38.673	-0.3					T__		71.6		---	ML	2.0	261301	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.13	255.2	Lg	17:02:52.970	-2.1					T__				---		261316	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
MORH	1.13	84.8	Pg	17:02:36.861	-1.9					T__		93.3		---	ML	2.1	261319	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.13	84.8	Lg	17:02:54.463	0.6					T__				---		261318	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A267A	1.30	50.4	Lg	17:03:00.757	0.9					T__				---		261320	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BLY	1.38	175.0	Pg	17:02:43.483	0.8					T__		95.8		---	ML	2.2	261322	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.38	175.0	Sn	17:03:02.144	1.3					T__				---		261321	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU22A	1.48	81.3	Lg	17:03:06.127	0.7					T__				---		261324	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

A272A	1.48	64.6	Lg	17:03:05.861	0.2	T__	---	261323	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CSKK	1.51	34.2	Sn	17:03:05.633	1.7	T__	---	261325	FDSN	HU	--	BUD	iLoc	HHN	???	_
A271A	1.62	49.9	Lg	17:03:10.823	0.4	T__	---	261326	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
OBKA	1.75	283.6	Lg	17:03:14.055	1.1	T__	---	261327	FDSN	OE	--	BUD	iLoc	HHN	???	_
HU09A	1.78	31.2	Lg	17:03:16.113	0.5	T__	---	261328	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/30	17:12:19.30	3.99	0.85	45.5003	16.1157	24.9	11.6	142	3.7	15.5	8	5	299	0.34	1.49	ke	BUD	18004066	BUD			319

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	3 BUD	18004066

Sta	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	0.34	344.6	Pg	17:12:26.419	0.4					T__		796.9		---	ML	2.1	261372	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.34	344.6	Lg	17:12:30.792	-0.1					T__				---		261373	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PTJ	0.42	345.8	Pg	17:12:27.237	-0.7					T__		75.1		---	ML	1.3	261366	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.42	345.8	Lg	17:12:33.644	-0.5					T__				---		261367	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
CRES	0.57	305.4	Pg	17:12:30.186	-0.1					T__		57.7		---	ML	1.6	261369	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.57	305.4	Lg	17:12:39.033	0.5					T__				---		261368	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOGS	0.95	5.6	Lg	17:12:51.440	1.3					T__				---		261370	FDSN	SL	--	BUD	iLoc	BHN	???	_	
OBKA	1.49	313.3	Sn	17:13:06.898	0.0					T__				---		261371	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/10/01	00:29:36.37	0.89	0.85	47.9764	19.4721	5.4	2.7	0	1.2	10.9	15	10	112	0.11	1.49	ke	BUD	18004070	BUD					133

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	5 BUD	18004070

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.11	130.2	Pg	00:29:39.257	0.3					T__		291.8		---	ML	1.1	261463	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.11	130.2	Lg	00:29:40.663	-0.3					T__				---		261469	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ET1H	0.29	109.8	Pg	00:29:42.562	0.0					T__		110.6		---	ML	1.1	261464	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.29	109.8	Lg	00:29:46.853	-0.2					T__				---		261465	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.29	101.4	Pg	00:29:43.055	0.2					T__		66.6		---	ML	0.9	261467	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.29	101.4	Lg	00:29:47.693	0.0					T__				---		261466	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
HU10A	0.33	246.9	Pg	00:29:43.466	0.2					T__		82.2		---	ML	1.1	261461	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.33	246.9	Lg	00:29:48.651	-0.1					T__				---		261462	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									

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(Station ML: 1.1 magdef=1
VYHS 0.67 320.9 Lg 00:29:58.732 -0.9 T__
HU02A 0.72 77.9 Pg 00:29:51.272 0.1 T__ 28.3 --- ML 1.4 261468 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.72 77.9 Lg 00:30:01.168 -1.1 T__ --- 261471 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
JOS 0.88 53.5 Lg 00:30:08.029 1.2 T__ --- 261472 FDSN ZJ -- BUD iLoc HHE ??? _
HU08A 1.18 243.0 Sn 00:30:15.902 -0.7 T__ --- 261473 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 1.23 74.2 Sn 00:30:16.928 -0.9 T__ --- 261474 FDSN HU -- BUD iLoc HHN ??? _
JAVC 1.49 307.0 Sn 00:30:26.108 1.7 T__ --- 261475 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/02 05:52:53.03 0.75 0.78 48.2935 16.8428 3.2 2.8 80 5.3 6.6 58 38 47 0.20 2.55 ke BUD 18004078 BUD 77

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Magnitude Err Nsta Author OrigID
ML 2.7 0.2 34 BUD 18004078

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Sta 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 0.20 119.2 Pg 05:52:58.037 0.7 T__ --- 261847 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.20 119.2 Lg 05:53:00.712 -0.0 T__ --- 261872 FDSN SK -- BUD iLoc HHN ??? _
MODS 0.30 74.4 Pg 05:52:59.799 0.4 T__ --- 261846 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.30 74.4 Lg 05:53:04.245 -0.1 T__ --- 261873 FDSN SK -- BUD iLoc HHN ??? _
SOP 0.64 197.5 Pg 05:53:05.732 -0.0 T__ 509.2 --- ML 2.6 261850 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.64 197.5 Lg 05:53:14.077 -0.3 T__ --- 261874 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
RONA 0.70 211.9 Pg 05:53:06.655 -0.3 T__ --- 261852 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.70 211.9 Lg 05:53:16.479 0.2 T__ --- 261853 FDSN OE -- BUD iLoc HHN ??? _
CONA 0.75 241.3 Pg 05:53:07.480 -0.5 T__ 593.1 --- ML 2.7 261857 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.75 241.3 Lg 05:53:17.833 -0.0 T__ --- 261875 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
KRUC 0.82 339.1 Pg 05:53:09.316 0.5 T__ 603.6 --- ML 2.7 261848 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.82 339.1 Lg 05:53:20.582 -0.3 T__ --- 261849 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
EGYH 0.94 159.2 Pn 05:53:13.465 0.7 T__ 444.5 --- ML 2.7 261877 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.94 159.2 Lg 05:53:25.188 0.3 T__ --- 261876 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A260A 1.01 185.3 Pn 05:53:13.898 0.0 T__ 532.6 --- ML 2.8 261860 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A260A 1.01 185.3 Sn 05:53:28.268 -0.2 T__ --- 261878 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
VRAC 1.03 350.9 Pg 05:53:12.833 0.4 T__ 120.9 --- ML 2.2 261855 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.03 350.9 Lg 05:53:26.857 -0.5 T__ --- 261854 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
SR0 1.10 115.4 Pn 05:53:14.634 -0.4 T__ 1686.0 --- ML 3.3 261851 FDSN SK -- BUD iLoc EHZ EHZ _
SR0 1.10 115.4 Sn 05:53:30.720 0.2 T__ --- 261879 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=0

```

HU08A	1.13	139.4	Pn	05:53:14.667	-0.8	T__	293.0	___	ML	2.6	261859	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.13	139.4	Sn	05:53:30.023	-1.3	T__		---			261880	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
MPLH	1.22	157.0	Pn	05:53:16.271	-0.4	T__	223.1	___	ML	2.5	261862	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.22	157.0	Sn	05:53:32.686	-0.8	T__		---			261881	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
HU09A	1.22	121.8	Pg	05:53:17.372	0.2	T__	491.0	___	ML	2.9	261858	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.22	121.8	Sn	05:53:34.481	0.8	T__		---			261882	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
CSKK	1.33	133.7	Pn	05:53:18.393	0.1	T__	295.6	___	ML	2.7	261861	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
VYHS	1.34	80.7	Pn	05:53:17.708	-0.7	T__	59.6	___	ML	2.0	261856	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
TREC	1.34	318.7	Pn	05:53:18.022	-0.4	T__	1285.5	___	ML	3.4	261865	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.34	318.7	Sn	05:53:35.715	-1.0	T__		---			261883	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=0)																			
A261A	1.36	171.1	Pn	05:53:18.713	0.1	T__	253.4	___	ML	2.7	261864	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
ARSA	1.37	221.0	Pn	05:53:18.830	0.0	T__	276.6	___	ML	2.7	261867	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.37	221.0	Sn	05:53:37.400	0.0	T__		---			261884	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
BADH	1.55	163.8	Lg	05:53:45.148	0.7	T__		---			261886	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORC	1.55	17.0	Pn	05:53:21.430	0.1	T__	108.3	___	ML	2.4	261863	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.55	17.0	Sn	05:53:41.935	0.0	T__		---			261885	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
TIH	1.56	152.6	Pg	05:53:23.250	-0.2	T__	299.0	___	ML	2.8	261866	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
BUD	1.68	118.1	Pn	05:53:22.616	-0.4	T__	169.9	___	ML	2.7	261887	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A263A	1.68	168.9	Pn	05:53:23.331	0.3	T__	250.8	___	ML	2.8	261868	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
A267A	1.75	140.0	Pn	05:53:25.502	1.6	T__	152.7	___	ML	2.7	261889	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
CKRC	1.76	288.3	Pg	05:53:25.493	-0.9	T__	578.5	___	ML	3.2	261871	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.76	288.3	Sn	05:53:48.390	1.4	T__		---			261888	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=0)																			
BEHE	1.82	181.5	Pn	05:53:25.739	0.7	T__	189.2	___	ML	2.8	261890	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			

HU03A	1.89	100.9	Pn	05:53:25.798	-0.1	T__	140.4	___	ML	2.7	261891	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:	2.7	magdef=1													
				(Station ML:	2.7	magdef=1													
A266A	2.02	150.8	Pn	05:53:27.925	0.3	T__	182.5	___	ML	2.9	261870	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	2.02	150.8	Pg	05:53:32.855	0.9	T__		---			261892	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
				(Reading ML:	2.9	magdef=1													
				(Station ML:	2.9	magdef=1													
ET1H	2.07	100.4	Pn	05:53:28.683	0.2	T__	37.6	___	ML	2.2	261869	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:	2.2	magdef=1													
				(Station ML:	2.2	magdef=0													
PSZ	2.08	99.3	Pn	05:53:29.963	1.4	T__	59.0	___	ML	2.4	261893	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:	2.4	magdef=1													
				(Station ML:	2.4	magdef=1													
A272A	2.11	136.3	Pg	05:53:34.253	0.3	T__	179.2	___	ML	2.9	261894	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:	2.9	magdef=1													
				(Station ML:	2.9	magdef=0													
PRU	2.27	319.2	Pg	05:53:36.668	0.7	T__	212.1	___	ML	3.1	261895	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:	3.1	magdef=1													
				(Station ML:	3.1	magdef=0													
KOVH	2.37	158.3	Pn	05:53:32.096	-0.4	T__	38.7	___	ML	2.4	261896	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:	2.4	magdef=1													
				(Station ML:	2.4	magdef=1													
MORH	2.41	148.8	Pn	05:53:31.953	-1.2	T__	38.1	___	ML	2.4	261897	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:	2.4	magdef=1													
				(Station ML:	2.4	magdef=1													
KECS	2.44	84.2	Pn	05:53:34.504	1.1	T__	123.0	___	ML	2.9	261898	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
				(Reading ML:	2.9	magdef=1													
				(Station ML:	2.9	magdef=0													
HU02A	2.47	92.6	Pn	05:53:32.956	-1.0	T__	32.2	___	ML	2.4	261900	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	2.47	92.6	Pg	05:53:39.968	-1.8	T__		---			261902	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU02A	2.47	92.6	Lg	05:54:14.441	-2.5	T__		---			261901	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML:	2.4	magdef=1													
				(Station ML:	2.4	magdef=0													
JOS	2.47	83.9	Pn	05:53:34.401	0.5	T__	49.5	___	ML	2.6	261899	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML:	2.6	magdef=1													
				(Station ML:	2.6	magdef=1													
NIE	2.55	62.5	Pn	05:53:36.017	1.0	T__	23.9	___	ML	2.3	261903	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML:	2.3	magdef=1													
				(Station ML:	2.3	magdef=0													

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/02	06:28:10.16	0.81	0.58	48.2840	16.8345	4.2	3.3	161	5.3	8.8	16	10	81	0.20	1.76	ke	BUD	18004080	BUD			97

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	18004080

Sta	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	0.20	116.1	Pg	06:28:14.853	0.4					T__						262000	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.20	116.1	Lg	06:28:17.912	0.0					T__						261999	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.31	73.0	Pg	06:28:16.789	0.1					T__						261997	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.31	73.0	Lg	06:28:21.125	-0.6					T__						261998	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.69	211.9	Pg	06:28:23.645	-0.3					T__						262002	FDSN	OE	--	BUD	iLoc	HHZ	???	_

RONA	0.69	211.9	Lg	06:28:33.085	0.1	T__										262007	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.74	241.7	Pg	06:28:24.869	-0.1	T__	56.0									1.7	262006	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.74	241.7	Lg	06:28:34.747	0.0	T__											262008	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					
KRUC	0.83	339.7	Pg	06:28:26.293	0.3	T__	34.9										262001	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.83	339.7	Lg	06:28:37.577	-0.6	T__											262009	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
VRAC	1.04	351.3	Lg	06:28:44.461	-0.4	T__											262003	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MPLH	1.21	156.6	Sn	06:28:50.110	-0.4	T__											262010	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.35	80.3	Pg	06:28:37.668	0.7	T__	15.4										262005	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	1.35	80.3	Sn	06:28:53.079	-0.9	T__											262004	FDSN	SK	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
ARSA	1.36	221.0	Sn	06:28:54.081	-0.1	T__											262011	FDSN	OE	--	BUD	iLoc	HHN	???	_
CKRC	1.76	288.7	Sn	06:29:05.261	1.2	T__											262012	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2022/10/02 08:17:35.06 0.74 1.06 48.3084 16.8376 3.0 2.8 104 6.0 6.2 41 25 60 0.21 2.47 ke BUD 18004082 BUD 86

Magnitude Err Nsta Author OrigID

ML 2.4 0.1 17 BUD 18004082

Sta	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	0.21	122.3	Pg	08:17:39.878	0.3					T__						262083	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.21	122.3	Lg	08:17:42.945	-0.2					T__						262084	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.30	77.3	Pg	08:17:41.576	0.1					T__						262086	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.30	77.3	Lg	08:17:46.086	-0.3					T__						262085	FDSN	SK	--	BUD	iLoc	HHN	???	_
SOP	0.65	196.8	Pg	08:17:47.693	-0.4					T__	205.7					262087	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.65	196.8	Lg	08:17:56.603	-0.2					T__						262088	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.2 magdef=1																				
				(Station ML: 2.2 magdef=1																				
RONA	0.71	211.0	Pg	08:17:48.934	-0.3					T__						262090	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.71	211.0	Lg	08:17:59.433	0.8					T__						262089	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.76	240.2	Pg	08:17:49.427	-0.7					T__	218.9					262091	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.76	240.2	Lg	08:18:00.164	0.1					T__						262092	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.3 magdef=1																				
				(Station ML: 2.3 magdef=1																				
KRUC	0.81	338.9	Pg	08:17:51.253	0.7					T__	166.8					262093	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.81	338.9	Lg	08:18:02.245	-0.1					T__						262094	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.2 magdef=1																				
				(Station ML: 2.2 magdef=1																				
EGYH	0.95	159.4	Pn	08:17:55.581	0.6					T__	239.6					262095	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.95	159.4	Sn	08:18:08.837	0.0					T__						262096	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.4 magdef=1																				
				(Station ML: 2.4 magdef=1																				
VRAC	1.01	350.9	Pg	08:17:54.759	0.6					T__	41.0					262099	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.01	350.9	Lg	08:18:08.727	-0.2					T__						262098	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.7 magdef=1																				
				(Station ML: 1.7 magdef=0																				
A260A	1.03	185.0	Sn	08:18:10.334	-0.4					T__						262097	FDSN	ZJ	00	BUD	iLoc	HHN	???	_



HU08A	1.14	139.8	Sn	08:18:11.777	-1.7	T__								262100	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	1.23	157.2	Pg	08:18:00.018	0.6	T__	112.5							2.2	262102	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.23	157.2	Sn	08:18:14.662	-1.1	T__									262101	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
HU09A	1.24	122.3	Pn	08:17:59.433	0.6	T__	256.0							2.6	262103	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.24	122.3	Sn	08:18:16.159	0.3	T__									262104	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																							
(Station ML: 2.6 magdef=1)																							
TREC	1.33	318.4	Pn	08:17:59.762	-0.5	T__	422.9							2.9	262107	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.33	318.4	Sn	08:18:16.342	-1.9	T__									262108	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																							
(Station ML: 2.9 magdef=0)																							
VYHS	1.34	81.3	Pn	08:17:59.835	-0.6	T__	26.5							1.7	262106	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.34	81.3	Sn	08:18:18.496	-0.1	T__									262123	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=0)																							
CSKK	1.35	134.1	Sn	08:18:17.145	-1.4	T__									262105	FDSN	HU	--	BUD	iLoc	HHN	???	_
A261A	1.37	171.1	Lg	08:18:20.294	-0.4	T__									262122	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ARSA	1.38	220.4	Pn	08:18:00.419	-0.5	T__	119.2							2.3	262110	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.38	220.4	Sn	08:18:18.898	-0.6	T__									262109	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																							
(Station ML: 2.3 magdef=1)																							
A262A	1.46	188.4	Sn	08:18:21.308	-0.1	T__									262111	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MORC	1.54	17.3	Pn	08:18:03.250	0.1	T__	49.4							2.1	262113	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.54	17.3	Lg	08:18:25.617	-0.2	T__									262112	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=0)																							
CKRC	1.76	287.9	Pn	08:18:07.239	1.2	T__	233.0							2.8	262115	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.76	287.9	Lg	08:18:31.049	-1.3	T__									262114	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																							
(Station ML: 2.8 magdef=0)																							
HU03A	1.89	101.3	Pn	08:18:09.394	1.5	T__	70.2							2.4	262121	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																							
(Station ML: 2.4 magdef=1)																							
OBKA	2.38	221.7	Pg	08:18:21.226	2.0	T__	62.6							2.6	262120	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	2.38	221.7	Lg	08:18:55.261	4.0	T__									262119	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																							
(Station ML: 2.6 magdef=0)																							
MORH	2.43	148.9	Pn	08:18:14.908	-0.3	T__	32.5							2.4	262116	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																							
(Station ML: 2.4 magdef=1)																							
HU02A	2.47	92.9	Pn	08:18:16.223	0.3	T__	30.8							2.4	262117	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																							
(Station ML: 2.4 magdef=1)																							
JOS	2.47	84.3	Pn	08:18:16.223	0.3	T__	35.9							2.4	262118	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																							
(Station ML: 2.4 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/02	08:28:26.61	0.66	0.70	48.3048	16.8395	3.3	3.1	129	5.4	0.6	25	14	59	0.21	1.76	ke	BUD	18004084	BUD			85

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.3 8 BUD 18004084

Sta	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	0.21	121.7	Pg	08:28:31.193	0.1					T__						262197	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.21	121.7	Lg	08:28:34.286	-0.3					T__						262198	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.30	76.6	Pg	08:28:32.970	0.0					T__						262200	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.30	76.6	Lg	08:28:37.447	-0.5					T__						262199	FDSN	SK	--	BUD	iLoc	HHN	???	_	
SOP	0.65	197.0	Pg	08:28:39.056	-0.5					T__		45.4			ML	1.5	262201	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.65	197.0	Lg	08:28:48.393	0.1					T__						262208	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
RONA	0.71	211.3	Pg	08:28:41.006	0.3					T__						262202	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.71	211.3	Lg	08:28:50.343	0.2					T__						262209	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.76	240.5	Pg	08:28:41.198	-0.4					T__		51.3			ML	1.6	262203	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.76	240.5	Lg	08:28:51.381	-0.2					T__						262204	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KRUC	0.81	338.9	Pg	08:28:42.620	0.5					T__		56.4			ML	1.7	262206	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.81	338.9	Lg	08:28:53.706	-0.3					T__						262205	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
EGYH	0.95	159.4	Lg	08:28:59.916	1.1					T__						262210	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VRAC	1.02	350.9	Pg	08:28:46.097	0.3					T__		15.4			ML	1.3	262207	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.02	350.9	Lg	08:29:00.123	-0.5					T__						262211	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
MPLH	1.23	157.1	Sn	08:29:06.127	-1.2					T__						262212	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TREC	1.33	318.4	Pn	08:28:51.209	-0.7					T__		103.1			ML	2.3	262214	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.33	318.4	Sn	08:29:08.500	-1.5					T__						262213	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
VYHS	1.34	81.2	Pg	08:28:53.298	0.0					T__		12.1			ML	1.3	262215	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.34	81.2	Sn	08:29:10.436	0.2					T__						262216	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ARSA	1.38	220.6	Pg	08:28:53.314	0.0					T__		43.2			ML	1.9	262218	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.38	220.6	Sn	08:29:10.922	-0.2					T__						262217	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORC	1.54	17.2	Sn	08:29:16.273	1.1					T__						262219	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.76	288.0	Pn	08:28:58.420	0.7					T__		104.4			ML	2.5	262221	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.76	288.0	Sn	08:29:21.706	1.3					T__						262220	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/10/02 08:34:04.18 0.65 0.76 48.3002 16.8399 3.3 3.2 107 5.3 0.6 24 15 58 0.20 1.76 ke BUD 18004086 BUD 84

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.4 7 BUD 18004086

Sta	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	0.20	120.6	Pg	08:34:08.905	0.3					T__						262275	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.20	120.6	Lg	08:34:11.699	-0.3					T__						262293	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.30	75.7	Pg	08:34:10.741	0.2					T__						262277	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.30	75.7	Lg	08:34:15.241	-0.3					T__						262276	FDSN	SK	--	BUD	iLoc	HHN	???	_	
SOP	0.65	197.1	Lg	08:34:24.888	-0.8					T__						262294	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.70	211.5	Pg	08:34:18.724	0.5					T__						262279	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.70	211.5	Lg	08:34:27.352	-0.2					T__						262278	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.75	240.8	Pg	08:34:19.108	-0.1					T__		51.6			ML	1.6	262280	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.75	240.8	Lg	08:34:29.077	0.0					T__						262281	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KRUC	0.82	339.0	Pg	08:34:20.368	0.6					T__		82.6			ML	1.9	262282	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.82	339.0	Lg	08:34:30.849	-0.9					T__						262295	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A260A	1.02	185.1	Lg	08:34:37.425	-0.4					T__						262296	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VRAC	1.02	350.9	Pg	08:34:23.901	0.5					T__		15.7			ML	1.3	262283	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.02	350.9	Lg	08:34:37.814	-0.5					T__						262284	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
MPLH	1.23	157.1	Pn	08:34:28.447	0.5					T__		50.6			ML	1.9	262286	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.23	157.1	Sn	08:34:44.004	-0.8					T__						262285	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU09A	1.23	122.0	Sn	08:34:44.554	-0.4					T__						262297	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TREC	1.34	318.6	Pn	08:34:28.886	-0.6					T__		170.1			ML	2.5	262290	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.34	318.6	Sn	08:34:45.684	-2.0					T__						262289	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
VYHS	1.34	81.0	Pg	08:34:31.296	0.2					T__		11.2			ML	1.3	262287	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ARSA	1.38	220.7	Sn	08:34:48.241	-0.4					T__						262288	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.55	17.1	Sn	08:34:53.817	0.9					T__						262298	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.76	288.1	Pn	08:34:36.189	0.9					T__		117.9			ML	2.5	262292	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.76	288.1	Sn	08:34:59.123	1.0					T__						262291	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/02	08:41:32.29	0.75	1.34	48.3194	16.8407	4.6	3.4	133	8.1	8.6	18	11	85	0.21	1.75	ke	BUD	18004088	BUD			131

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	18004088

Sta	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	0.21	125.1	Pg	08:41:37.404	0.4					T__						262341	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.21	125.1	Lg	08:41:40.416	-0.3					T__						262342	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.30	79.3	Pg	08:41:39.102	0.4					T__						262344	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.30	79.3	Lg	08:41:43.557	-0.0					T__						262343	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.72	210.7	Pg	08:41:47.191	0.5					T__						262345	FDSN	OE	--	BUD	iLoc	HHZ	???	_

RONA	0.72	210.7	Lg	08:41:56.667	0.4	T__									262346	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.76	239.5	Pg	08:41:47.227	-0.3	T__				42.8					1.6	262347	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.76	239.5	Lg	08:41:57.506	-0.1	T__										262353	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
JAVC	0.77	45.3	Lg	08:41:59.908	0.2	T__										262352	FDSN	CZ	--	BUD	iLoc	HHN	???	_
KRUC	0.80	338.5	Pg	08:41:48.907	1.3	T__				45.5					1.6	262348	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.80	338.5	Lg	08:41:59.186	-0.2	T__										262354	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
VRAC	1.00	350.7	Lg	08:42:06.125	-0.0	T__										262355	FDSN	CZ	--	BUD	iLoc	HHN	???	_
TREC	1.32	318.0	Pn	08:41:54.357	-2.7	T__				189.0					2.5	262350	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.32	318.0	Sn	08:42:14.662	-0.3	T__										262349	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																								
(Station ML: 2.5 magdef=1)																								
ARSA	1.39	220.2	Pg	08:42:02.026	3.0	T__				46.7					1.9	262351	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.39	220.2	Sn	08:42:17.080	0.5	T__										262356	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
MORC	1.53	17.3	Sn	08:42:21.974	1.9	T__										262357	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.75	287.5	Sn	08:42:27.013	1.5	T__										262358	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/02	08:54:50.26	0.92	0.52	48.3074	16.8592	4.5	3.9	157	5.0f		9	5	98	0.20	0.82	ke	BUD	18004090	BUD			195

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZST	0.20	124.3	Pg	08:54:54.663	0.1					T__						262383	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.20	124.3	Lg	08:54:57.758	-0.1					T__						262384	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.29	76.5	Pg	08:54:56.498	0.2					T__						262385	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.29	76.5	Lg	08:55:00.844	-0.2					T__						262390	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.72	212.1	Pg	08:55:05.167	0.6					T__						262386	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.72	212.1	Lg	08:55:13.676	-0.4					T__						262391	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.77	240.8	Lg	08:55:14.726	-0.9					T__						262389	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	0.82	338.0	Pg	08:55:06.199	0.4					T__		44.2			1.6	262388	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.82	338.0	Lg	08:55:17.446	-0.3					T__						262387	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/02	09:10:08.94	0.74	0.57	48.3110	16.8456	3.9	3.3	146	7.3	7.5	21	11	87	0.21	1.76	ke	BUD	18004092	BUD			129

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	7 BUD	18004092

Sta	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	0.21	123.7	Pg	09:10:13.630	0.1					T__						262428	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.21	123.7	Lg	09:10:16.752	-0.3					T__						262429	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.29	77.6	Pg	09:10:15.310	0.1					T__						262431	FDSN	SK	--	BUD	iLoc	HHZ	???	_

MODS	0.29	77.6	Lg	09:10:19.802	-0.3	T__									262430	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.71	211.3	Pg	09:10:23.444	0.2	T__									262432	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.71	211.3	Lg	09:10:33.186	0.5	T__									262433	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.76	240.2	Pg	09:10:23.572	-0.5	T__	71.1								262435	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.76	240.2	Lg	09:10:33.834	-0.3	T__									262434	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
KRUC	0.81	338.5	Pg	09:10:25.070	0.7	T__	78.1								262437	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.81	338.5	Lg	09:10:36.244	-0.0	T__									262436	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
VRAC	1.01	350.6	Pg	09:10:28.466	0.4	T__	20.6								262439	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.01	350.6	Lg	09:10:42.598	-0.2	T__									262438	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=0)																							
TREC	1.33	318.1	Pn	09:10:33.377	-0.6	T__	153.1								262443	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.33	318.1	Sn	09:10:50.395	-1.6	T__									262442	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																							
(Station ML: 2.4 magdef=1)																							
VYHS	1.34	81.4	Pg	09:10:36.062	0.6	T__	20.4								262440	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.34	81.4	Sn	09:10:52.130	0.0	T__									262441	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
ARSA	1.39	220.5	Pg	09:10:36.007	0.3	T__	58.1								262444	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.39	220.5	Sn	09:10:53.317	0.1	T__									262445	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
MORC	1.54	17.1	Lg	09:10:59.233	-0.2	T__									262446	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.76	287.8	Pn	09:10:40.243	0.4	T__	122.4								262448	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.76	287.8	Sn	09:11:03.250	0.8	T__									262447	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																							
(Station ML: 2.6 magdef=0)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/02	09:10:34.60	0.90	0.43	48.3099	16.8565	4.1	3.9	137	5.0f		10	6	97	0.20	1.01	ke	BUD	18004094	BUD			134

Magnitude Err Nsta Author OrigID

Sta	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	0.20	124.6	Pg	09:10:39.062	0.1					T__						262480	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.20	124.6	Lg	09:10:42.111	-0.2					T__						262481	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.29	77.1	Pg	09:10:40.870	0.2					T__						262483	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.29	77.1	Lg	09:10:45.252	-0.2					T__						262482	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.72	211.8	Pg	09:10:48.986	0.1					T__						262484	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.72	211.8	Lg	09:10:58.664	0.3					T__						262485	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.77	240.6	Lg	09:10:59.357	-0.6					T__						262486	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	0.81	338.1	Pg	09:10:50.675	0.6					T__	72.9					262487	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.81	338.1	Lg	09:11:01.649	-0.4					T__						262488	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
VRAC	1.01	350.2	Lg	09:11:07.939	-0.5					T__						262489	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/02	12:25:20.43	0.89	0.82	48.4361	16.8906	6.0	5.1	110	10.9	11.1	11	8	130	0.27	1.75	ke	BUD	18004096	BUD			176

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.27	103.5	Pg	12:25:26.949	0.6					T__						262510	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.27	103.5	Lg	12:25:30.098	-0.9					T__						262518	FDSN	SK	--	BUD	iLoc	HHN	???	_
ZST	0.28	149.4	Pg	12:25:26.652	0.2					T__						262519	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.28	149.4	Lg	12:25:30.377	-0.8					T__						262514	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	0.71	332.6	Lg	12:25:44.252	-0.2					T__						262511	FDSN	CZ	--	BUD	iLoc	HHN	???	_
RONA	0.84	208.6	Lg	12:25:48.195	-0.0					T__						262515	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.86	234.0	Pg	12:25:37.613	0.1					T__		38.3				262520	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.86	234.0	Lg	12:25:48.897	0.2					T__						262512	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								
TREC	1.26	313.4	Sn	12:26:00.596	-0.5					T__						262513	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ARSA	1.50	218.3	Sn	12:26:07.598	0.7					T__						262516	FDSN	OE	--	BUD	iLoc	HHN	???	_
CKRC	1.75	283.6	Lg	12:26:15.861	-1.5					T__						262517	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/02	12:32:58.15	0.74	0.46	48.4150	16.9033	4.1	3.2	85	9.0	7.2	19	14	50	0.25	1.77	ke	BUD	18004098	BUD			96

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.7	3 BUD	18004098

Sta	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	0.25	99.3	Pg	12:33:04.049	0.3					T__						262554	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.25	99.3	Lg	12:33:07.819	-0.3					T__						262553	FDSN	SK	--	BUD	iLoc	HHN	???	_
ZST	0.26	148.7	Pg	12:33:03.619	-0.1					T__						262551	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.26	148.7	Lg	12:33:07.527	-0.5					T__						262552	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.68	48.6	Lg	12:33:22.399	0.0					T__						262561	FDSN	CZ	--	BUD	iLoc	HHN	???	_
KRUC	0.73	332.7	Pg	12:33:12.690	0.5					T__		99.3				262558	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.73	332.7	Lg	12:33:22.842	-0.1					T__						262557	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
SOP	0.77	197.7	Lg	12:33:23.866	0.2					T__						262562	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	0.82	209.9	Lg	12:33:25.690	0.2					T__						262555	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.85	235.4	Lg	12:33:26.055	-0.2					T__						262556	FDSN	OE	--	BUD	iLoc	HHN	???	_
VRAC	0.92	347.2	Pg	12:33:15.684	0.2					T__		28.2				262560	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.92	347.2	Lg	12:33:28.904	-0.2					T__						262559	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU08A	1.20	144.7	Sn	12:33:37.893	0.4					T__						262563	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
TREC	1.28	313.8	Pn	12:33:21.884	-0.4					T__		137.0				262565	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.28	313.8	Sn	12:33:38.610	-1.0					T__						262564	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=1)																								
MPLH	1.32	160.8	Sn	12:33:41.122	0.7					T__						262566	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORC	1.43	16.9	Sn	12:33:43.058	-0.1					T__						262567	FDSN	CZ	--	BUD	iLoc	HHN	???	_

ARSA	1.49	219.1	Sn	12:33:44.921	0.2	T__									262568	FDSN	OE	--	BUD	iLoc	HHE	???	_
CKRC	1.77	284.2	Sn	12:33:51.993	0.4	T__									262569	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/03	06:26:56.08	1.02	1.38	48.5131	17.6059	6.9	3.7	133	0.0f	7	5	146		0.26	1.30	sx	BUD	18004102	BUD			230

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.26	237.6	Pg	06:27:02.610	0.8					T__						262658	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.26	237.6	Lg	06:27:04.056	-2.4					T__						262657	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.35	7.0	Pg	06:27:04.016	0.4					T__	52.4			---	ML	1.0	262659	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.35	7.0	Lg	06:27:08.674	-0.9					T__						262660	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
VVHS	0.82	90.9	Lg	06:27:24.074	-0.5					T__						262662	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.97	304.9	Lg	06:27:28.973	0.0					T__						262663	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.30	244.0	Lg	06:27:38.714	0.2					T__						262661	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/03	09:03:51.65	0.35	1.18	47.7745	19.0680	5.3	3.0	171	0.0A	0.0	14	9	161	0.08	1.22	m	kx	BUD	18004104	BUD			360
2022/10/03	09:03:50.15	0.88	1.73	47.8327	19.1394f				0.0f		14	9	154	0.08	1.27		kx	BUD_GT	18004105	BUD_GT			165

(locality : Sejce-Vác Hungary)  
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 5 BUD 18004105

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
HU10A	0.08	278.8	Pg	09:03:51.485	-0.8					T__		3774.9			---	ML	2.1	262727	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	09:03:53.493	-0.8					T__						262728	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=0)																										
HU03A	0.32	76.9	Pg	09:03:58.232	1.1					T__	96.2			---	ML	1.2	262730	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	0.32	76.9	Lg	09:04:04.979	2.7					T__						262729	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=0)																										
ET1H	0.50	84.3	Pg	09:04:01.124	0.3					T__	35.7			---	ML	1.2	262731	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.50	84.3	Lg	09:04:09.879	1.3					T__						262732	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
PSZ	0.52	80.1	Lg	09:04:10.265	0.6					T__						262738	FDSN	GE	--	BUD	iLoc	HHN	???	_		
HU09A	0.55	249.5	Lg	09:04:06.482	-4.1					T__						262737	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
VVHS	0.69	343.1	Sn	09:04:16.626	-2.6					T__						262733	FDSN	SK	--	BUD	iLoc	HHN	???	_		
HU02A	0.98	72.2	Pn	09:04:09.317	-0.8					T__	27.1			---	ML	1.5	262734	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.98	72.2	Sn	09:04:25.702	-0.3					T__						262739	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
JOS	1.15	54.2	Pg	09:04:13.862	1.0					T__	29.3			---	ML	1.6	262740	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	1.15	54.2	Lg	09:04:31.405	0.8					T__						262736	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 MPLH 1.27 239.2 Sn 09:04:32.048 -1.0 T\_\_ --- 262735 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  
 2022/10/03 15:15:59.62 2.52 0.61 47.8981 16.2568 17.6 8.0 112 0.0f 4 3 213 0.27 1.17 sx BUD 18004106 BUD 301

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 CONA 0.27 276.6 Pg 15:16:05.381 0.3 T\_\_ 69.5 --- ML 0.9 262780 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 0.27 276.6 Lg 15:16:08.594 -0.3 T\_\_ --- 262779 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.9 magdef=1  
 (Station ML: 0.9 magdef=0  
 ARSA 0.82 217.7 Lg 15:16:25.378 -0.3 T\_\_ --- 262782 FDSN OE -- BUD iLoc HHN ??? \_  
 KRUC 1.17 4.5 Lg 15:16:38.955 -0.3 T\_\_ --- 262781 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/10/03 22:47:29.96 0.88 1.12 45.8983 16.0009 6.5 5.1 132 7.1 5.2 12 7 108 0.02 1.87 ke BUD 18004110 BUD 180

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.2 5 BUD 18004110

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 PTJ 0.02 290.7 Pg 22:47:31.676 -0.1 T\_\_ 8321.1 --- ML 2.3 262871 FDSN CR -- BUD iLoc BHZ BHZ \_  
 PTJ 0.02 290.7 Lg 22:47:32.710 -0.6 T\_\_ --- 262872 FDSN CR -- BUD iLoc BHN ??? \_  
 (Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=1  
 ZAG 0.07 187.8 Pg 22:47:32.449 0.5 T\_\_ 19614.3 --- ML 2.8 262874 FDSN CR -- BUD iLoc BHZ BHZ \_  
 ZAG 0.07 187.8 Lg 22:47:33.995 0.5 T\_\_ --- 262873 FDSN CR -- BUD iLoc BHN ??? \_  
 (Reading ML: 2.8 magdef=1  
 (Station ML: 2.8 magdef=0  
 CRES 0.39 259.4 Pg 22:47:38.253 0.6 T\_\_ 58.7 --- ML 1.1 262876 FDSN SL -- BUD iLoc BHZ BHZ \_  
 CRES 0.39 259.4 Lg 22:47:43.694 0.3 T\_\_ --- 262875 FDSN SL -- BUD iLoc BHN ??? \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=0  
 KOGS 0.58 17.4 Pg 22:47:42.128 0.7 T\_\_ 160.5 --- ML 2.0 262869 FDSN SL -- BUD iLoc BHZ BHZ \_  
 KOGS 0.58 17.4 Lg 22:47:50.200 1.3 T\_\_ --- 262870 FDSN SL -- BUD iLoc BHN ??? \_  
 (Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1  
 BEHE 0.79 43.0 Pg 22:47:45.896 0.5 T\_\_ 95.5 --- ML 1.9 262879 FDSN HU -- BUD iLoc HHZ HHZ \_  
 BEHE 0.79 43.0 Sn 22:47:58.714 -0.7 T\_\_ --- 262868 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 ARSA 1.39 346.5 Sn 22:48:12.610 -1.9 T\_\_ --- 262877 FDSN OE -- BUD iLoc HHN ??? \_  
 MORH 1.87 79.3 Sn 22:48:24.578 -1.5 T\_\_ --- 262878 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  
 2022/10/04 06:49:51.36 1.37 0.90 46.1400 22.8063 10.2 7.6 77 0.0f 8 5 141 0.27 0.98 sx BUD 18004112 BUD 257



Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 3 BUD 18004112

Sta	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	0.27	165.2	Pg	06:49:56.676	0.3					T__		681.3		---	ML	1.9	262907	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.27	165.2	Lg	06:49:59.525	-0.6					T__				---		262908	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
DRGR	0.66	354.3	Lg	06:50:14.596	-0.7					T__				---		262910	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.75	181.6	Pg	06:50:06.609	0.9					T__		37.3		---	ML	1.5	262909	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.75	181.6	Lg	06:50:15.191	-1.0					T__				---		262911	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
LOT	0.97	135.4	Pg	06:50:10.129	0.3					T__		60.7		---	ML	1.8	262914	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.97	135.4	Lg	06:50:23.385	-0.6					T__				---		262913	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	0.98	238.2	Lg	06:50:23.390	-0.9					T__				---		262912	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/10/04 07:14:29.08 0.63 1.24 47.3052 17.6923 3.4 2.6 146 0.0f 29 22 67 0.17 1.61 sx BUD 18004114 BUD 71

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 7 BUD 18004114

Sta	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	217.7	Pg	07:14:31.990	-1.1					T__		917.0		---	ML	1.7	262965	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.17	217.7	Lg	07:14:35.751	-0.8					T__				---		262991	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU08A	0.20	51.2	Pg	07:14:33.012	-0.7					T__		1324.8		---	ML	2.0	262963	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.20	51.2	Lg	07:14:37.267	-0.4					T__				---		262974	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
EGYH	0.27	294.7	Pg	07:14:36.628	1.5					T__		2000.2		---	ML	2.4	262975	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
CSKK	0.39	81.3	Pg	07:14:38.490	1.2					T__		257.7		---	ML	1.8	262964	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.39	81.3	Lg	07:14:43.712	-0.6					T__				---		262976	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
TIH	0.43	161.2	Lg	07:14:44.871	0.1					T__				---		262977	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.57	54.3	Lg	07:14:49.789	-0.9					T__				---		262978	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.66	39.4	Lg	07:14:52.534	-1.1					T__				---		262979	FDSN	SK	--	BUD	iLoc	EHN	???	_	
A263A	0.71	201.4	Lg	07:14:54.313	0.7					T__				---		262980	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A266A	0.87	153.1	Lg	07:15:00.180	0.8					T__				---		262981	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BUD	0.92	78.3	Lg	07:15:00.286	-2.5					T__				---		262982	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	1.03	293.2	Pg	07:14:48.607	-0.9					T__				---		262983	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.03	293.2	Lg	07:15:03.542	0.5					T__				---		262966	FDSN	OE	--	BUD	iLoc	HHN	???	_	
BEHE	1.05	217.3	Lg	07:15:04.499	0.6					T__				---		262973	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.11	345.5	Sn	07:15:06.003	-1.8					T__				---		262984	FDSN	SK	--	BUD	iLoc	HHN	???	_	

KOVH	1.25	166.9	Pn	07:14:54.193	0.4	T__	60.1	___	ML	2.0	262972	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.25	166.9	Sn	07:15:11.284	-0.0	T__		---			262971	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MORH	1.27	148.7	Pn	07:14:54.777	0.7	T__	30.6	___	ML	1.7	262968	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.27	148.7	Sn	07:15:12.051	0.2	T__		---			262985	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
KOGS	1.31	229.6	Sn	07:15:13.561	0.8	T__		---			262986	FDSN	SL	--	BUD	iLoc	BHN	???	_
CONA	1.39	297.4	Pn	07:14:54.164	-1.6	T__	47.2	---	ML	1.9	262988	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.39	297.4	Lg	07:15:13.665	-0.5	T__		---			262987	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
VYHS	1.42	32.5	Sn	07:15:15.812	0.3	T__		---			262967	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	1.48	268.7	Sn	07:15:17.732	0.7	T__		---			262989	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	1.56	359.5	Sn	07:15:19.836	0.9	T__		---			262990	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ET1H	1.58	67.9	Sn	07:15:20.779	1.2	T__		---			262969	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.61	66.8	Sn	07:15:23.846	3.5	T__		---			262970	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/04	07:31:58.40	2.04	0.08	46.1086	18.1014	12.8	6.1	131	0.0f		4	3	207	0.02	0.39	sx	BUD	18004116	BUD			316

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.02	182.9	Pg	07:31:59.306	-0.0					T__		885.0		___	ML	1.3	263017	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.02	182.9	Lg	07:32:00.429	-0.1					T__				---		263019	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
A273A	0.28	226.0	Lg	07:32:08.682	-0.0					T__				---		263020	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	0.39	74.0	Lg	07:32:13.137	-0.0					T__				---		263018	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	
2022/10/04	09:22:29.23	0.85	1.91	47.8429	16.0128	8.7	3.9	42	0.0f		7	5	115	0.13	1.49	sx	BUD	18004118	BUD				197

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.13	310.1	Pg	09:22:33.277	1.2					T__		95.4		___	ML	0.6	263054	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	310.1	Lg	09:22:34.966	0.7					T__				---		263057	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
RONA	0.24	126.7	Pg	09:22:34.829	0.5					T__				---		263055	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	126.7	Lg	09:22:39.253	1.4					T__				---		263058	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.68	209.4	Lg	09:22:50.647	-0.3					T__				---		263059	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.25	11.6	Sn	09:23:12.363	0.9					T__				---		263060	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
TREC	1.49	346.7	Pn	09:22:54.303	-3.1					T__	264.3			---	ML	2.8	263056	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/04	10:57:56.79	0.89	0.91	48.4264	19.5531	6.0	3.5	8	0.0f	12	8	119	0.48	2.02	sx	BUD	18004122	BUD				227

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	18004122

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.48	278.3	Pg	10:58:06.709	0.0					T__		13.0		---	ML	0.8	263137	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.48	278.3	Lg	10:58:13.464	-0.5					T__				---		263136	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
PSZ	0.56	155.7	Lg	10:58:17.408	-0.2					T__				---		263138	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.59	158.6	Lg	10:58:17.957	-0.2					T__				---		263139	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.62	84.4	Pg	10:58:09.567	0.3					T__	119.2			---	ML	1.9	263133	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.62	84.4	Lg	10:58:18.295	-0.4					T__				---		263132	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.66	83.6	Pg	10:58:09.933	-0.0					T__		42.2		---	ML	1.5	263130	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	83.6	Lg	10:58:19.281	-0.7					T__				---		263131	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.72	114.8	Pg	10:58:11.795	0.1					T__		29.1		---	ML	1.4	263134	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	114.8	Lg	10:58:21.253	-1.7					T__				---		263135	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
NIE	1.11	26.1	Lg	10:58:33.586	-0.3					T__				---		263140	FDSN	PL	--	BUD	iLoc	BHN	???	_	
TRPA	2.02	97.3	Sn	10:58:59.826	1.9					T__				---		263141	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
2022/10/04	12:49:39.69	2.19	1.24	46.9531	22.3118	16.4	10.9	141	0.0f	7	5	207	0.32	1.59	sx	BUD	18004130	BUD				280

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.32	120.4	Pg	12:49:46.415	0.1					T__		200.7		---	ML	1.5	263277	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.32	120.4	Lg	12:49:50.906	-0.8					T__				---		263283	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
BMR	1.08	47.8	Lg	12:50:16.579	-0.6					T__				---		263279	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DEV	1.15	158.9	Lg	12:50:19.208	1.6					T__				---		263278	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.42	200.1	Sn	12:50:24.686	-1.5					T__				---		263282	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.59	168.1	Pn	12:50:09.860	0.7					T__	23.6			---	ML	1.8	263281	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.59	168.1	Sn	12:50:30.310	-0.2					T__				---		263280	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/04	18:27:35.46	2.96	1.01	45.5070	16.4442	18.7	10.1	162	8.5	12.4	10	7	232	0.45	1.66	ke	BUD	18004136	BUD				281

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 3 BUD 18004136

Sta	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	0.45	315.1	Lg	18:27:51.235	0.4					T__						263429	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.52	320.3	Pg	18:27:46.360	0.3					T__		51.3			ML	1.5	263427	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.52	320.3	Lg	18:27:52.933	-0.8					T__						263428	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CRES	0.76	295.1	Pg	18:27:50.468	0.4					T__		28.9			ML	1.4	263430	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.76	295.1	Lg	18:28:00.182	-1.2					T__						263431	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOGS	0.95	351.9	Pg	18:27:53.189	-0.4					T__		48.5			ML	1.7	263433	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.95	351.9	Sn	18:28:08.600	-0.2					T__						263432	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BEHE	0.99	13.4	Lg	18:28:09.480	1.6					T__						263434	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.30	62.8	Lg	18:28:16.122	-1.0					T__						263435	FDSN	HU	--	BUD	iLoc	HHN	???	_	
OBKA	1.66	307.9	Lg	18:28:28.726	-0.2					T__						263436	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/05	07:52:33.56	1.53	2.97	48.5254	21.4015	10.0	7.3	174	0.0f		8	6	147	0.25	0.86	sx	BUD	18004138	BUD			209

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.25	205.2	Pg	07:52:40.699	1.7					T__		227.0			ML	1.4	263476	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.25	205.2	Lg	07:52:42.379	-1.3					T__						263477	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.57	267.4	Lg	07:52:55.245	1.5					T__						263478	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.61	266.4	Lg	07:52:56.129	1.1					T__						263473	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.71	54.4	Lg	07:52:59.336	0.7					T__						263479	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.71	235.7	Pg	07:52:46.122	-2.2					T__		29.6			ML	1.4	263472	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	235.7	Lg	07:52:57.261	-2.2					T__						263475	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
TRPA	0.86	117.1	Lg	07:52:59.269	-5.1					T__						263474	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
2022/10/05	08:21:34.39	1.00	0.60	48.5397	20.3932	5.3	3.7	2	0.0f		15	9	117	0.08	1.04	sx	BUD	18004140	BUD			205

Magnitude Err Nsta Author OrigID  
ML 1.4 0.2 6 BUD 18004140

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.08	132.6	Pg	08:21:36.568	0.2					T__		1408.6			ML	1.7	263522	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.08	132.6	Lg	08:21:38.047	0.1					T__						263523	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									

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(Station ML: 1.7 magdef=0
JOS 0.11 114.2 Pg 08:21:36.938 0.2 T__ 495.9 --- ML 1.3 263511 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.11 114.2 Lg 08:21:38.322 -0.4 T__ --- 263524 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.43 168.1 Pg 08:21:44.360 0.9 T__ 38.6 --- ML 1.1 263512 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.43 168.1 Lg 08:21:50.109 -0.4 T__ --- 263525 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
ABAH 0.61 113.1 Lg 08:21:56.046 -1.0 T__ --- 263513 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.71 208.4 Pg 08:21:50.240 0.8 T__ 40.4 --- ML 1.5 263515 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.71 208.4 Lg 08:21:59.662 -0.5 T__ --- 263514 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.75 208.0 Pg 08:21:49.217 -0.9 T__ 31.8 --- ML 1.4 263516 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.75 208.0 Lg 08:22:00.684 -0.5 T__ --- 263517 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU03A 0.83 220.1 Lg 08:22:03.825 -0.0 T__ --- 263518 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 0.88 356.0 Lg 08:22:03.606 0.0 T__ --- 263519 FDSN PL -- BUD iLoc BHN ??? _
VYHS 1.04 268.1 Pg 08:21:55.426 0.2 T__ 13.2 --- ML 1.2 263520 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.04 268.1 Lg 08:22:09.887 -0.3 T__ --- 263521 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/05 08:54:59.84 0.63 0.71 47.9596 20.4028 10.1 3.2 143 0.0A 0.0 11 6 198 0.18 0.65 m kx BUD 18004142 BUD 360
2022/10/05 08:54:58.27 0.92 0.82 47.9590 20.3545f 0.0f 11 6 196 0.20 0.68 kx BUD_GT 18004143 BUD_GT 221
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.2 0.2 5 BUD 18004143

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.20 35.0 Pg 08:55:02.592 -0.3 T__ 239.0 --- ML 1.2 263560 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.20 35.0 Lg 08:55:05.678 -1.1 T__ --- 263566 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.31 262.7 Pg 08:55:05.934 0.6 T__ 46.1 --- ML 0.8 263564 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.31 262.7 Lg 08:55:11.229 0.4 T__ --- 263563 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
ET1H 0.33 256.4 Pg 08:55:06.445 0.8 T__ 32.4 --- ML 0.7 263565 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.33 256.4 Lg 08:55:12.014 0.9 T__ --- 263567 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
KECS 0.53 9.4 Pg 08:55:09.586 0.5 T__ 100.9 --- ML 1.8 263561 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.53 9.4 Lg 08:55:16.871 -0.4 T__ --- 263568 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 0.55 12.9 Pg 08:55:09.166 -0.2 T__ 35.8 --- ML 1.4 263562 FDSN ZJ -- BUD iLoc HHZ HHZ _

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JOS 0.55 12.9 Lg 08:55:17.236 -0.7 T\_\_ --- 263569 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 ABAH 0.68 60.0 Lg 08:55:21.802 -1.7 T\_\_ --- 263570 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  
 2022/10/05 10:00:10.75 0.94 0.61 48.1455 16.9303 13.6 3.4 146 0.0f 8 4 157 0.13 0.75 sx BUD 18004146 BUD 187

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 ZST 0.13 66.2 Pg 10:00:14.397 0.5 T\_\_ --- 263716 FDSN SK -- BUD iLoc HHZ ??? \_  
 ZST 0.13 66.2 Lg 10:00:15.983 -0.6 T\_\_ --- 263713 FDSN SK -- BUD iLoc HHN ??? \_  
 MODS 0.33 45.3 Pg 10:00:18.118 0.3 T\_\_ --- 263714 FDSN SK -- BUD iLoc HHZ ??? \_  
 MODS 0.33 45.3 Lg 10:00:22.507 -1.0 T\_\_ --- 263717 FDSN SK -- BUD iLoc HHN ??? \_  
 RONA 0.62 223.9 Pg 10:00:22.990 -0.2 T\_\_ --- 263718 FDSN OE -- BUD iLoc HHZ ??? \_  
 RONA 0.62 223.9 Lg 10:00:31.278 -0.1 T\_\_ --- 263719 FDSN OE -- BUD iLoc HHE ??? \_  
 CONA 0.75 253.5 Pg 10:00:25.726 0.1 T\_\_ 53.7 --- ML 1.6 263720 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 0.75 253.5 Lg 10:00:35.813 0.3 T\_\_ --- 263715 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=0

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/10/05 10:41:03.76 1.15 0.56 46.9243 22.8346 9.1 5.2 154 0.0f 9 5 138 0.16 1.61 sx BUD 18004148 BUD 259

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.1 4 BUD 18004148

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 DRGR 0.16 212.6 Pg 10:41:07.285 0.0 T\_\_ 519.7 --- ML 1.5 263743 FDSN RO -- BUD iLoc HHZ HHZ \_  
 DRGR 0.16 212.6 Lg 10:41:09.951 -0.3 T\_\_ --- 263744 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 CJR 0.57 111.7 Pg 10:41:15.209 0.2 T\_\_ 201.4 --- ML 2.1 263745 FDSN RO -- BUD iLoc HHZ HHZ \_  
 CJR 0.57 111.7 Lg 10:41:22.824 -1.0 T\_\_ --- 263746 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.1 magdef=1  
 (Station ML: 2.1 magdef=1  
 TRPA 1.22 350.7 Sn 10:41:44.954 -0.4 T\_\_ --- 263747 FDSN HU -- BUD iLoc HHN ??? \_  
 GZR 1.53 181.5 Pn 10:41:32.757 0.3 T\_\_ 39.0 --- ML 1.9 263749 FDSN RO -- BUD iLoc HHZ HHZ \_  
 GZR 1.53 181.5 Sn 10:41:52.550 -0.5 T\_\_ --- 263748 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 LOT 1.61 155.9 Pn 10:41:34.071 0.5 T\_\_ 55.2 --- ML 2.1 263750 FDSN RO -- BUD iLoc HHZ HHZ \_  
 LOT 1.61 155.9 Sn 10:41:55.179 0.0 T\_\_ --- 263751 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.1 magdef=1  
 (Station ML: 2.1 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/10/05 12:07:47.91 1.95 0.59 48.5809 20.8716 14.8 4.3 12 0.0f 8 4 249 0.24 0.51 sx BUD 18004150 BUD 317

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.1 4 BUD 18004150

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.24	249.0	Pg	12:07:52.860	0.0					T__		141.0		---	ML	1.1 263812	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.24	249.0	Lg	12:07:56.676	0.0					T__				---		263811	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
KECS	0.27	249.3	Pg	12:07:53.609	0.0					T__		287.4		---	ML	1.5 263809	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.27	249.3	Lg	12:07:57.754	-0.2					T__				---		263810	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
ABAH	0.38	139.2	Pg	12:07:56.037	0.4					T__		66.8		---	ML	1.2 263815	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	139.2	Lg	12:08:01.040	-1.2					T__				---		263816	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
HU02A	0.51	206.9	Pg	12:07:58.922	0.2					T__		32.4		---	ML	1.2 263813	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.51	206.9	Lg	12:08:07.175	0.2					T__				---		263814	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/06	08:12:02.53	1.02	1.34	48.9898	21.2590	8.6	4.9	157	0.0f		13	9	149	0.67	1.45	sx	BUD	18004152	BUD			228

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.2 7 BUD 18004152

Sta	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	0.67	94.5	Pg	08:12:15.228	-0.2					T__				---		263889	FDSN	SK	--	BUD	iLoc	HHZ	???	_
JOS	0.69	224.2	Pg	08:12:14.844	-1.3					T__		61.9		---	ML	1.7 263891	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	224.2	Lg	08:12:25.800	-0.6					T__				---		263893	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
ABAH	0.69	181.1	Pg	08:12:17.583	1.2					T__		74.7		---	ML	1.8 263884	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KECS	0.72	225.6	Pg	08:12:18.039	1.2					T__		154.0		---	ML	2.1 263894	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.72	225.6	Lg	08:12:25.634	-2.0					T__				---		263892	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
NIE	0.76	304.6	Lg	08:12:28.667	0.9					T__				---		263888	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	1.00	209.6	Pg	08:12:21.710	-1.2					T__		48.4		---	ML	1.7 263883	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.00	209.6	Lg	08:12:37.449	-0.0					T__				---		263895	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
TRPA	1.21	134.8	Pg	08:12:25.161	-0.6					T__		62.5		---	ML	2.0 263890	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
PSZ	1.41	220.8	Pn	08:12:28.959	-0.5					T__		62.2		---	ML	2.1 263886	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.41	220.8	Sn	08:12:51.235	2.5					T__				---		263885	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								

(Station ML: 2.1 magdef=1  
 ET1H 1.45 220.3 Pn 08:12:29.762 -0.2 T\_\_ 63.5 \_\_\_ ML 2.1 263887 FDSN HU -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.1 magdef=1  
 (Station ML: 2.1 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/06	09:52:31.24	1.76	0.26	48.5519	20.7299	13.7	8.6	162	0.0f	6	4	181	0.14	1.09	sx	BUD	18004154	BUD				310

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.14	246.1	Pg	09:52:34.455	0.2					T__		109.0		___	ML	0.7	263926	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	246.1	Lg	09:52:36.664	0.0					T__				___		263927	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																									
KECS	0.18	247.1	Pg	09:52:34.957	-0.0					T__		308.8		___	ML	1.3	263924	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	247.1	Lg	09:52:37.632	-0.3					T__				___		263925	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
HU02A	0.45	197.7	Lg	09:52:48.087	-0.1					T__				___		263928	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	1.09	68.9	Lg	09:53:08.610	-0.2					T__				___		263929	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	
2022/10/06	10:35:49.61	0.45	1.00	47.5540	18.4407	6.4	3.1	120	0.0A	0.0	9	7	159	0.09	0.98	m	kx	BUD	18004156	BUD			360
2022/10/06	10:35:47.39	0.92	1.03	47.5577	18.4810f				0.0f		9	7	166	0.10	0.97		kx	BUD_GT	18004157	BUD_GT			203

(locality : Tatabánya Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	320.5	Pg	10:35:50.578	0.5					T__		1754.2		___	ML	1.8	263951	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	10:35:51.536	-1.0					T__				___		263953	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
CSKK	0.25	217.6	Pg	10:35:52.878	0.1					T__		246.1		___	ML	1.4	263952	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	10:35:55.955	-1.6					T__				___		263954	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
SRD	0.28	336.2	Lg	10:35:59.015	0.4					T__				___		263955	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU08A	0.40	251.7	Lg	10:36:01.549	-1.1					T__				___		263956	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.46	51.4	Lg	10:36:06.369	1.4					T__				___		263957	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.75	239.1	Lg	10:36:14.139	0.4					T__				___		263958	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.97	14.1	Lg	10:36:20.093	-1.1					T__				___		263959	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	
2022/10/06	10:42:48.47	0.95	1.29	48.9201	18.2840	5.3	4.9	28	0.0f	9	7	95	0.41	1.63	sx	BUD	18004158	BUD					161

Magnitude Err Nsta Author OrigID



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JAVC	0.41	261.7	Pg	10:42:56.322	-0.8					T__		188.7		___	ML	1.7	263981	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.41	261.7	Lg	10:43:04.254	0.4					T__				---		263982	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	0.56	139.2	Lg	10:43:07.508	-0.6					T__				---		263983	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MODS	0.86	231.0	Lg	10:43:19.711	0.6					T__				---		263984	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORC	0.99	330.8	Pg	10:43:07.305	0.5					T__		94.8		---	ML	2.0	263986	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	0.99	330.8	Lg	10:43:20.627	0.1					T__				---		263985	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
VRAC	1.18	289.9	Lg	10:43:27.237	-0.6					T__				---		263987	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
PSZ	1.47	132.5	Sn	10:43:38.322	2.1					T__				---		263988	FDSN	GE	--	BUD	iLoc	HHE	???	_	
OJC	1.63	36.6	Lg	10:43:39.440	-1.8					T__				---		263989	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
2022/10/07	05:08:08.10	2.08	0.37	46.2963	19.8375	21.2	6.2	157	10.6	7.2	6	4	217	0.08	1.06	ke	BUD	18004164	BUD			272

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU21A	0.08	296.0	Pg	05:08:11.101	0.2					T__		21369.9		_d	ML	2.9	264206	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.08	296.0	Lg	05:08:12.918	-0.3					T__				---		264207	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
HU14A	0.23	47.8	Lg	05:08:17.073	-0.3					T__				---		264208	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
MORH	0.83	264.8	Pg	05:08:24.284	-0.1					T__		33.8		---	ML	1.5	264205	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.83	264.8	Lg	05:08:36.476	-0.1					T__				---		264209	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU01A	1.06	352.0	Sn	05:08:43.792	0.1					T__				---		264210	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/07	08:10:59.25	0.77	0.81	48.5042	20.7563	4.8	3.4	9	0.0f		15	10	84	0.14	1.83	sx	BUD	18004166	BUD			140

Magnitude Err Nsta Author OrigID  
ML 1.4 0.3 4 BUD 18004166

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.14	266.7	Pg	08:11:02.008	-0.4					T__		226.6		---	ML	1.1	264242	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	266.7	Lg	08:11:05.751	0.9					T__				---		264243	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.18	263.4	Pg	08:11:02.391	-0.7					T__		662.5		---	ML	1.6	264245	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	263.4	Lg	08:11:06.737	0.6					T__				---		264244	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.38	122.7	Pg	08:11:06.975	-0.2					T__		72.9		---	ML	1.2	264247	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	122.7	Lg	08:11:13.877	-0.0					T__				---		264246	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 HU02A 0.41 202.1 Lg 08:11:15.742 0.9 T\_\_ --- 264251 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 PSZ 0.82 224.8 Lg 08:11:29.287 0.2 T\_\_ --- 264248 FDSN GE -- BUD iLoc HHN ??? \_  
 ET1H 0.86 223.8 Lg 08:11:30.260 0.3 T\_\_ --- 264252 FDSN HU -- BUD iLoc HHN ??? \_  
 NIE 0.96 342.0 Pg 08:11:18.405 1.0 T\_\_ 37.9 --- ML 1.6 264249 FDSN PL -- BUD iLoc BHZ BHZ \_  
 NIE 0.96 342.0 Lg 08:11:29.981 -1.2 T\_\_ --- 264253 FDSN PL -- BUD iLoc BHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 KOLS 1.09 66.3 Pn 08:11:22.203 0.4 T\_\_ --- 264250 FDSN SK -- BUD iLoc HHZ ??? \_  
 KOLS 1.09 66.3 Lg 08:11:35.532 -1.4 T\_\_ --- 264254 FDSN SK -- BUD iLoc HHN ??? \_  
 VYHS 1.28 270.3 Sn 08:11:41.679 -0.5 T\_\_ --- 264255 FDSN SK -- BUD iLoc HHN ??? \_  
 OJC 1.83 340.3 Sn 08:11:55.171 -0.6 T\_\_ --- 264256 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  
 2022/10/07 08:40:03.79 0.89 1.26 48.4275 17.2716 5.4 3.1 109 0.0f 11 6 95 0.05 1.04 sx BUD 18004168 BUD 169

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 MODS 0.05 175.9 Pg 08:40:05.722 0.2 T\_\_ --- 264284 FDSN SK -- BUD iLoc HHZ ??? \_  
 MODS 0.05 175.9 Lg 08:40:07.328 0.0 T\_\_ --- 264285 FDSN SK -- BUD iLoc HHN ??? \_  
 ZST 0.26 206.1 Pg 08:40:09.086 -0.4 T\_\_ --- 264287 FDSN SK -- BUD iLoc HHZ ??? \_  
 ZST 0.26 206.1 Lg 08:40:13.231 -0.7 T\_\_ --- 264286 FDSN SK -- BUD iLoc HHN ??? \_  
 JAVC 0.51 31.3 Pg 08:40:14.747 0.3 T\_\_ 105.7 --- ML 1.7 264288 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 JAVC 0.51 31.3 Lg 08:40:21.868 -0.8 T\_\_ --- 264291 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 KRUC 0.86 317.9 Pg 08:40:21.747 1.4 T\_\_ 58.9 --- ML 1.7 264289 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 KRUC 0.86 317.9 Lg 08:40:30.220 -2.8 T\_\_ --- 264292 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 RONA 0.98 222.3 Pg 08:40:24.336 1.1 T\_\_ --- 264290 FDSN OE -- BUD iLoc HHZ ??? \_  
 RONA 0.98 222.3 Lg 08:40:36.533 0.5 T\_\_ --- 264293 FDSN OE -- BUD iLoc HHN ??? \_  
 VYHS 1.04 85.8 Lg 08:40:40.001 0.1 T\_\_ --- 264294 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  
 2022/10/07 10:00:31.43 0.92 0.63 48.1196 16.9694 9.3 3.2 135 0.0f 12 7 163 0.12 1.31 sx BUD 18004170 BUD 178

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 ZST 0.12 49.3 Pg 10:00:35.167 0.8 T\_\_ --- 264348 FDSN SK -- BUD iLoc HHZ ??? \_  
 ZST 0.12 49.3 Lg 10:00:36.929 -0.1 T\_\_ --- 264351 FDSN SK -- BUD iLoc HHN ??? \_  
 MODS 0.33 38.9 Pg 10:00:38.600 0.0 T\_\_ --- 264346 FDSN SK -- BUD iLoc HHZ ??? \_  
 MODS 0.33 38.9 Lg 10:00:43.164 -1.1 T\_\_ --- 264347 FDSN SK -- BUD iLoc HHN ??? \_  
 SOP 0.52 212.5 Lg 10:00:48.349 -0.6 T\_\_ --- 264352 FDSN HU -- BUD iLoc HHN ??? \_  
 RONA 0.62 227.4 Pg 10:00:44.400 0.6 T\_\_ --- 264349 FDSN OE -- BUD iLoc HHZ ??? \_  
 RONA 0.62 227.4 Lg 10:00:51.540 -0.6 T\_\_ --- 264353 FDSN OE -- BUD iLoc HHN ??? \_  
 CONA 0.77 256.0 Pg 10:00:47.142 0.5 T\_\_ 97.3 --- ML 1.9 264350 FDSN OE -- BUD iLoc HHZ HHZ \_

```

CONA  0.77 256.0 Lg      10:00:56.272 -0.5      T__          ---          264354      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
KRUC  1.02 338.2 Lg      10:01:05.670 -0.3      T__          ---          264355      FDSN CZ      -- BUD  iLoc  HHN ??? _
ARSA  1.31 228.9 Pg      10:00:56.942 -0.4      T__          69.3      --- ML      2.1 264357      FDSN OE      -- BUD  iLoc  HHZ HHZ _
ARSA  1.31 228.9 Lg      10:01:12.864 -0.2      T__          ---          264356      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/10 08:07:33.09 0.65 0.47 48.0604 20.7124 7.6 4.3 163 0.0A 0.0 8 5 199 0.14 0.57 m kx BUD 18004188 BUD 360
2022/10/10 08:07:31.48 0.95 0.89 48.0471 20.6805f 0.0f 8 5 200 0.13 0.54 kx BUD_GT 18004189 BUD_GT 268
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 18004189

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.13 305.8 Pg 08:07:34.830 0.1 T__ 806.3 _c ML 1.6 264814 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.13 305.8 Lg 08:07:37.067 -0.4 T__ --- 264815 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
ABAH 0.45 56.1 Pg 08:07:41.389 0.6 T__ 144.0 --- ML 1.7 264817 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.45 56.1 Lg 08:07:46.576 -2.0 T__ --- 264816 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
KECS 0.46 343.5 Lg 08:07:47.338 -0.5 T__ --- 264818 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.46 348.2 Pg 08:07:41.491 0.7 T__ 86.4 --- ML 1.5 264820 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.46 348.2 Lg 08:07:47.644 -0.3 T__ --- 264819 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
PSZ 0.54 256.6 Lg 08:07:51.746 -0.2 T__ --- 264821 FDSN GE -- BUD iLoc HHZ ??? _

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/10 08:08:33.86 1.01 0.85 47.2865 17.6572 5.9 3.7 134 0.0f 6 3 163 0.14 0.26 sx BUD 18004190 BUD 273

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.0 3 BUD 18004190

```

```

Sta 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 0.14 214.6 Pg 08:08:37.741 0.4 T__ 278.1 --- ML 1.1 264854 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.14 214.6 Lg 08:08:39.707 -0.6 T__ --- 264858 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
HU08A 0.23 51.3 Pg 08:08:39.564 0.5 T__ 156.7 --- ML 1.1 264855 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.23 51.3 Lg 08:08:42.483 -1.0 T__ --- 264859 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
EGYH 0.26 300.7 Pg 08:08:39.983 0.3 T__ 484.7 --- ML 1.7 264856 FDSN HU -- BUD iLoc HHZ HHZ _

```

EGYH 0.26 300.7 Lg 08:08:43.755 -0.4 T\_\_ --- 264857 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/10	08:52:47.09	2.56	0.39	47.8603	19.8666	17.8	5.2	166	0.0f		9	7	224	0.02	0.94	sx	BUD	18004192	BUD			253

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.02	9.5	Pg	08:52:47.948	-0.0					T__		1414.9		_c_	ML	1.5	264889	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.02	9.5	Lg	08:52:49.044	-0.1					T__				---		264890	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
PSZ	0.06	17.8	Pg	08:52:48.825	-0.3					T__		856.7		---	ML	1.4	264885	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.06	17.8	Lg	08:52:51.673	0.6					T__				---		264884	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU03A	0.18	283.7	Lg	08:52:55.106	0.4					T__				---		264886	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.51	59.1	Lg	08:53:06.549	0.1					T__				---		264891	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.75	33.4	Lg	08:53:13.895	0.4					T__				---		264887	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.78	35.1	Lg	08:53:14.698	0.2					T__				---		264888	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
VYHS	0.94	313.0	Lg	08:53:19.581	-0.2					T__				---		264892	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
2022/10/10	09:09:54.34	2.56	1.57	47.8574	20.1400	21.6	5.9	156	0.0f		7	5	232	0.18	1.08	sx	BUD	18004194	BUD			254

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	290.4	Pg	09:09:59.260	0.6					T__		331.4		---	ML	1.3	264912	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	290.4	Lg	09:10:01.195	-1.1					T__				---		264916	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
ET1H	0.18	277.0	Pg	09:09:59.114	0.5					T__		212.1		---	ML	1.1	264914	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.18	277.0	Lg	09:10:02.236	0.2					T__				---		264913	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
HU02A	0.37	44.2	Lg	09:10:07.157	-1.6					T__				---		264915	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.69	22.6	Lg	09:10:20.617	1.8					T__				---		264917	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
VYHS	1.08	306.6	Sn	09:10:30.924	-1.5					T__				---		264918	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
2022/10/10	11:46:05.02	0.78	0.50	47.8901	16.0702	5.1	3.9	34	0.0f		11	7	82	0.15	1.50	sx	BUD	18004198	BUD			151

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.6 3 BUD 18004198

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

CONA	0.15	285.3	Pg	11:46:08.125	-0.0	T__	352.3	---	ML	1.3	264966	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	285.3	Lg	11:46:10.060	-0.4	T__		---			264967	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
RONA	0.24	141.2	Pg	11:46:09.878	-0.3	T__		---			264969	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.24	141.2	Lg	11:46:13.804	0.1	T__		---			264968	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	0.74	210.3	Pn	11:46:22.751	-0.0	T__	59.7	---	ML	1.7	264971	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	210.3	Lg	11:46:29.616	1.0	T__		---			264970	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MODS	0.94	58.7	Lg	11:46:39.086	0.4	T__		---			264975	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.19	10.3	Pg	11:46:28.634	0.7	T__	89.2	---	ML	2.1	264976	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.19	10.3	Lg	11:46:45.246	-0.2	T__		---			264972	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
VRAC	1.46	13.6	Sn	11:46:52.331	-0.2	T__		---			264974	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.50	309.0	Sn	11:46:53.207	-0.3	T__		---			264973	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/10	19:04:03.23	1.33	0.67	47.4244	18.1695	12.4	4.0	21	9.0f	5	3	222	0.09	0.56	ke	BUD	18004202	BUD				294

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.09	134.7	Pg	19:04:06.152	0.3					T__		124.0		---	ML	0.6	265093	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	134.7	Lg	19:04:07.627	-0.6					T__				---		265094	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
HU08A	0.17	272.5	Pg	19:04:07.449	0.3					T__		61.3		---	ML	0.6	265096	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.17	272.5	Lg	19:04:09.762	-0.6					T__				---		265095	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
TIH	0.56	199.9	Lg	19:04:22.627	-0.1					T__				---		265097	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		
2022/10/11	06:42:20.43	2.01	0.48	47.9475	20.3889	20.2	3.5	143	5.0f	8	5	231	0.20	0.56	ke	BUD	18004204	BUD						248

Magnitude Err Nsta Author OrigID  
ML 1.0 0.2 4 BUD 18004204

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.20	27.5	Pg	06:42:24.832	-0.1					T__		73.4		---	ML	0.7	265153	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	27.5	Lg	06:42:28.137	-0.3					T__				---		265159	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
PSZ	0.33	265.2	Pg	06:42:27.534	-0.3					T__		64.0		---	ML	1.0	265155	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	265.2	Lg	06:42:32.821	-0.5					T__				---		265156	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ET1H	0.35	259.1	Pg	06:42:28.495	0.4					T__		39.7		---	ML	0.9	265160	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

```

ET1H 0.35 259.1 Lg 06:42:33.587 0.0 T__ --- 265157 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.54 6.8 Lg 06:42:39.142 -0.2 T__ --- 265158 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.56 10.3 Pg 06:42:32.245 0.7 T__ 47.9 --- ML 1.5 265154 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/11 08:28:23.05 0.93 1.31 48.5139 17.5101 6.7 3.0 126 0.0f 11 8 129 0.21 1.26 sx BUD 18004208 BUD 203

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.21 227.9 Pg 08:28:27.041 -0.8 T__ --- 265241 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.21 227.9 Lg 08:28:31.314 -0.4 T__ --- 265242 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.36 17.1 Pg 08:28:29.963 -0.9 T__ 131.4 --- ML 1.4 265243 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.36 17.1 Lg 08:28:36.427 -0.5 T__ --- 265247 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
ZST 0.42 220.7 Lg 08:28:37.597 -1.0 T__ --- 265248 FDSN SK -- BUD iLoc HHN ??? _
VYHS 0.88 90.8 Lg 08:28:54.912 1.2 T__ --- 265249 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.92 307.1 Lg 08:28:55.051 0.8 T__ --- 265244 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.15 225.4 Pg 08:28:46.250 0.4 T__ --- 265245 FDSN OE -- BUD iLoc HHZ ??? _
RONA 1.15 225.4 Lg 08:29:02.501 1.7 T__ --- 265250 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.25 242.6 Lg 08:29:05.057 1.3 T__ --- 265246 FDSN OE -- BUD iLoc HHN ??? _
MORC 1.26 1.0 Lg 08:29:06.191 2.0 T__ --- 265251 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/11 09:00:27.66 0.94 0.92 47.9618 16.0717 5.0 3.9 13 0.0f 10 7 67 0.15 1.45 sx BUD 18004212 BUD 119

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.15 256.7 Pg 09:00:30.283 -0.5 T__ 297.1 --- ML 1.2 265329 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.15 256.7 Lg 09:00:32.948 -0.1 T__ --- 265330 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
RONA 0.30 149.9 Pg 09:00:33.405 -0.5 T__ --- 265331 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.30 149.9 Lg 09:00:38.280 0.0 T__ --- 265336 FDSN OE -- BUD iLoc HHN ??? _
SDP 0.43 130.2 Lg 09:00:42.626 0.1 T__ --- 265332 FDSN HU -- BUD iLoc HHN ??? _
ARSA 0.80 207.7 Lg 09:00:55.486 2.2 T__ --- 265337 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.91 62.5 Lg 09:01:00.566 0.5 T__ --- 265333 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.12 10.9 Pg 09:00:49.537 0.4 T__ 56.8 --- ML 1.9 265334 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.12 10.9 Lg 09:01:05.842 0.1 T__ --- 265338 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CKRC 1.45 306.8 Lg 09:01:15.356 0.5 T__ --- 265335 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/11	09:30:00.58	0.77	1.21	48.4240	17.2756	4.5	2.7	114	0.0f	18	11	93	0.05	1.67	sx	BUD	18004214	BUD				147

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	4 BUD	18004214

Sta	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	178.6	Pg	09:30:02.264	-0.0					T__						265371	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.05	178.6	Lg	09:30:03.761	-0.2					T__						265376	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.26	206.9	Pg	09:30:06.409	0.2					T__						265372	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.26	206.9	Lg	09:30:09.220	-1.4					T__						265377	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.51	30.9	Pg	09:30:12.270	1.0					T__	316.4				ML	2.2	265373	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.51	30.9	Lg	09:30:17.200	-2.3					T__						265378	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
KRUC	0.86	317.9	Pg	09:30:18.332	1.1					T__	69.6				ML	1.8	265374	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.86	317.9	Lg	09:30:28.009	-1.9					T__						265379	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SOP	0.88	213.3	Lg	09:30:29.752	-0.1					T__						265380	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.98	222.5	Pg	09:30:20.048	0.1					T__						265375	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.98	222.5	Lg	09:30:33.231	0.5					T__						265381	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VYHS	1.04	85.6	Pg	09:30:21.911	0.3					T__	22.6				ML	1.4	265384	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.04	85.6	Lg	09:30:35.861	-0.8					T__						265383	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CONA	1.07	242.9	Lg	09:30:34.040	-1.5					T__						265382	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.37	7.3	Pn	09:30:27.586	0.6					T__	82.9				ML	2.2	265385	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.37	7.3	Lg	09:30:43.874	-1.1					T__						265386	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
TREC	1.47	307.1	Lg	09:30:47.075	-1.1					T__						265387	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ARSA	1.67	225.8	Lg	09:30:55.092	1.6					T__						265388	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/11	09:35:26.26	0.27	0.85	47.7713	19.0548	4.4	2.4	162	0.0A	0.0	20	12	154	0.08	1.34	m	kx	BUD	18004216	BUD			360
2022/10/11	09:35:24.29	0.83	0.89	47.7791	19.0372f				0.0f		20	12	152	0.07	1.32		kx	BUD_GT	18004217	BUD_GT			160

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	8 BUD	18004217

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	349.3	Pg	09:35:26.640	0.5					T__		5427.2			ML	2.2	265431	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	349.3	Lg	09:35:28.210	0.3					T__						265447	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU03A	0.40	71.6	Pg	09:35:33.122	0.2					T__	197.1				ML	1.7	265432	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.40	71.6	Lg	09:35:39.147	-0.1					T__						265436	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

HU09A	0.46	252.6	Lg	09:35:41.533	-0.3	T__								265448	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	0.57	79.6	Pg	09:35:35.897	-0.6	T__	76.0							265434	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.57	79.6	Lg	09:35:44.443	-0.9	T__								265433	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
PSZ	0.59	76.1	Lg	09:35:45.239	-1.3	T__								265437	FDSN	GE	--	BUD	iLoc	HHN	???	_
CSKK	0.67	231.9	Lg	09:35:47.885	-1.1	T__								265438	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	0.73	349.4	Pn	09:35:40.833	-0.1	T__	16.4							265450	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.73	349.4	Lg	09:35:51.132	1.2	T__								265449	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																						
(Station ML: 1.1 magdef=0)																						
HU02A	1.06	70.5	Pn	09:35:45.173	-0.2	T__	57.7							265435	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.06	70.5	Sn	09:36:00.328	-1.8	T__								265439	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
MPLH	1.18	239.6	Pg	09:35:49.308	1.5	T__	75.8							265441	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.18	239.6	Sn	09:36:05.377	0.3	T__								265440	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
KECS	1.20	53.5	Pg	09:35:48.303	0.2	T__	133.0							265443	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.20	53.5	Sn	09:36:04.445	-0.9	T__								265442	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=0)																						
JOS	1.24	54.0	Pg	09:35:48.347	-0.4	T__	56.5							265445	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.24	54.0	Lg	09:36:07.337	-0.4	T__								265444	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
MODS	1.32	297.4	Sn	09:36:07.528	-1.5	T__								265446	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
2022/10/12	04:18:14.79	0.96	0.72	46.5003	17.2043	5.7	4.7	22	9.9	0.4	11	7	141	0.16	1.04	ke	BUD	18004220	BUD			158

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	18004220

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A263A	0.16	28.5	Pg	04:18:18.228	-0.4					T__		367.4			ML	1.3	265648	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.16	28.5	Lg	04:18:21.520	0.0					T__						265647	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
BEHE	0.30	264.4	Lg	04:18:25.450	-0.2					T__						265655	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A265A	0.42	100.3	Lg	04:18:30.487	1.1					T__						265654	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOGS	0.66	265.8	Lg	04:18:37.673	1.2					T__						265651	FDSN	SL	--	BUD	iLoc	BHN	???	_	
MPLH	0.71	18.8	Pg	04:18:28.800	-0.1					T__	35.2				ML	1.4	265656	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.71	18.8	Lg	04:18:39.944	0.6					T__						265652	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOVH	0.75	123.2	Pg	04:18:29.296	-0.2					T__	49.4				ML	1.6	265650	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.75	123.2	Lg	04:18:38.991	-0.5					T__						265649	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	1.04	105.5	Pg	04:18:34.474	-0.4					T__	27.4				ML	1.5	265657	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_



MORH 1.04 105.5 Lg 04:18:48.972 0.1 T\_\_ --- 265653 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/12	07:28:30.59	0.72	0.81	47.8167	19.1050	10.5	3.5	8	0.0A	0.0	11	7	213	0.06	1.18	m	kx BUD	18004222	BUD			360
2022/10/12	07:28:29.09	0.92	0.85	47.8327	19.1394f				0.0f		11	7	194	0.08	1.15		kx BUD_GT	18004223	BUD_GT			258

(locality : Sejce-Vác Hungary)  
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	4 BUD	18004223

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	07:28:31.716	0.5					T__		474.0		---	ML	1.2	265688	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	07:28:32.866	-0.4					T__				---		265689	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
ET1H	0.50	84.3	Lg	07:28:47.678	0.2					T__				---		265693	FDSN	HU	--	BUD	iLoc	HNN	???	_	
PSZ	0.52	80.1	Lg	07:28:48.860	0.2					T__				---		265694	FDSN	GE	--	BUD	iLoc	HNN	???	_	
VVHS	0.69	343.1	Lg	07:28:52.984	-0.5					T__				---		265695	FDSN	SK	--	BUD	iLoc	HNN	???	_	
HU02A	0.98	72.2	Pg	07:28:49.701	0.5					T__	34.6			---	ML	1.6	265691	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	07:29:02.264	-2.4					T__				---		265690	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
KECS	1.11	53.7	Pg	07:28:51.454	0.2					T__	118.2			---	ML	2.2	265697	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Lg	07:29:08.325	-0.1					T__				---		265696	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
JOS	1.15	54.2	Pg	07:28:51.673	-0.2					T__	42.1			---	ML	1.8	265692	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	07:29:08.238	-0.6					T__				---		265698	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/12	08:34:16.18	2.73	0.88	46.9105	22.8826	21.8	7.4	172	0.0f		8	6	246	0.17	1.59		sx BUD	18004228	BUD				292

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.17	224.8	Pg	08:34:20.012	0.1					T__		722.8		---	ML	1.6	265830	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.17	224.8	Lg	08:34:22.312	-0.7					T__				---		265835	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
CJR	0.53	111.6	Lg	08:34:34.003	-1.0					T__				---		265836	FDSN	RO	--	BUD	iLoc	HNN	???	_	
DEV	1.03	179.2	Lg	08:34:51.201	1.0					T__				---		265837	FDSN	RO	--	BUD	iLoc	HNN	???	_	
GZR	1.52	182.8	Pn	08:34:45.118	0.4					T__	45.3			---	ML	2.0	265833	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.52	182.8	Sn	08:35:04.619	-0.6					T__				---		265832	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									

BZS	1.56	214.6	Sn	08:35:05.496	-0.7	T__								265831	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.59	156.8	Sn	08:35:07.541	0.6	T__								265834	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/12	08:44:27.49	1.40	1.03	48.6142	20.8110	10.6	3.9	179	0.0f	14	9	165		0.22	1.32	sx	BUD	18004230	BUD			206

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	18004230

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.22	236.8	Pg	08:44:32.391	0.4					T__		350.3		---	ML	1.4	265867	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.22	236.8	Lg	08:44:36.299	0.8					T__				---		265874	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.25	238.9	Pg	08:44:32.903	0.2					T__		1322.2		---	ML	2.1	265869	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.25	238.9	Lg	08:44:37.029	0.3					T__				---		265868	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
ABAH	0.43	138.0	Pg	08:44:37.267	1.0					T__		73.9		---	ML	1.4	265872	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	138.0	Lg	08:44:43.037	-0.6					T__				---		265871	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU02A	0.53	201.3	Pg	08:44:38.326	-0.3					T__		51.5		---	ML	1.5	265870	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.53	201.3	Lg	08:44:46.323	-0.7					T__				---		265875	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.93	221.7	Lg	08:45:00.274	-0.6					T__				---		265876	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	220.8	Pg	08:44:47.406	-0.3					T__		48.2		---	ML	1.7	265879	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	220.8	Lg	08:45:01.137	-0.7					T__				---		265878	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOLS	1.02	71.2	Lg	08:45:00.015	-2.7					T__				---		265877	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.25	112.1	Sn	08:45:09.042	-0.7					T__				---		265880	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.32	265.5	Sn	08:45:11.412	-0.0					T__				---		265873	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
2022/10/12	09:10:55.51	0.88	1.01	48.4523	19.1548	8.2	3.2	17	0.0f	12	9	153		0.22	1.25	sx	BUD	18004232	BUD			165

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	3 BUD	18004232

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.22	281.3	Pg	09:11:00.712	0.6					T__		57.9		---	ML	0.7	265912	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	281.3	Lg	09:11:03.869	0.2					T__				---		265917	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU03A	0.62	151.4	Lg	09:11:17.825	-0.2					T__				---		265918	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.73	136.9	Lg	09:11:20.963	-1.2					T__				---		265919	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.75	139.8	Lg	09:11:22.445	0.1					T__				---		265920	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.89	87.5	Lg	09:11:25.408	-1.0					T__				---		265921	FDSN	SK	--	BUD	iLoc	EHN	???	_	

JOS	0.92	86.8	Pg	09:11:15.027	1.2	T__	60.6	---	ML	1.8	265914	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	86.8	Lg	09:11:27.078	-0.5	T__		---			265915	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
HU02A	0.97	109.3	Pg	09:11:16.232	0.7	T__	42.9	---	ML	1.7	265913	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.97	109.3	Lg	09:11:28.982	-1.2	T__		---			265922	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
JAVC	1.06	293.0	Lg	09:11:31.946	-1.4	T__		---			265923	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MODS	1.25	267.1	Sn	09:11:36.917	-1.0	T__		---			265916	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
2022/10/12	09:20:33.27	0.41	0.57	47.2486	18.2841	11.8	3.4	87	0.0A	0.0	7	6	150	0.12	1.31	m	kx	BUD	18004234	BUD		360
2022/10/12	09:20:30.80	1.04	0.63	47.2302	18.2835f				0.0f		7	6	149	0.13	1.33		kx	BUD_GT	18004235	BUD_GT		170
(locality : Iszkaszentgyörgy Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	353.3	Pg	09:20:34.472	0.4					T__		335.5		---	ML	1.2	265945	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:20:36.506	-0.7					T__				---		265944	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU09A	0.41	9.3	Lg	09:20:45.760	-1.1					T__				---		265946	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	1.05	166.2	Lg	09:21:07.116	0.3					T__				---		265947	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.15	186.4	Lg	09:21:11.387	0.6					T__				---		265948	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VVHS	1.32	16.2	Sn	09:21:15.252	-0.0					T__				---		265949	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MODS	1.33	329.7	Sn	09:21:15.252	-0.3					T__				---		265950	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	
2022/10/12	11:38:42.52	1.19	0.81	46.8755	17.3139	7.4	4.5	38	0.0f		11	10	142	0.13	1.28		sx	BUD	18004236	BUD			162

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BADH	0.13	122.7	Lg	11:38:48.528	0.1					T__				---		266017	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A261A	0.14	304.1	Lg	11:38:47.620	-1.1					T__				---		266018	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.33	27.5	Pg	11:38:49.774	0.0					T__		482.7		---	ML	1.9	266010	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.33	27.5	Lg	11:38:55.581	0.1					T__				---		266011	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
HU08A	0.69	36.6	Lg	11:39:08.198	0.2					T__				---		266016	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	0.96	145.1	Lg	11:39:15.202	-0.2					T__				---		266019	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SOP	0.96	327.8	Lg	11:39:15.585	0.9					T__				---		266012	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	1.05	43.2	Sn	11:39:19.620	-0.3					T__				---		266020	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
RONA	1.08	320.3	Lg	11:39:17.843	-0.4					T__				---		266013	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORH	1.13	125.3	Lg	11:39:21.060	-0.5					T__				---		266014	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.28	287.7	Lg	11:39:24.941	1.7					T__				---		266015	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/13	03:36:57.99	1.06	0.66	47.4177	18.2075	7.2	6.6	12	9.0f	4	3	127	0.07	0.25	ke	BUD	18004242	BUD				246

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.07	146.5	Pg	03:37:00.588	0.3					T__		445.4		---	ML	1.1	266164	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	146.5	Lg	03:37:01.937	-0.5					T__				---		266167	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU08A	0.19	274.2	Lg	03:37:05.696	-0.2					T__				---		266165	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.25	28.1	Lg	03:37:07.673	-0.2					T__				---		266166	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/13	05:49:34.76	1.06	1.50	47.4004	18.2647	6.6	5.0	59	9.0f	5	3	165	0.04	0.25	ke	BUD	18004244	BUD					266

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.04	184.4	Pg	05:49:37.103	0.3					T__		1104.8		---	ML	1.4	266183	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.04	184.4	Lg	05:49:38.528	-0.2					T__				---		266184	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU08A	0.23	277.7	Pg	05:49:40.776	0.9					T__		54.9		---	ML	0.7	266186	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.23	277.7	Lg	05:49:42.236	-1.8					T__				---		266185	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU09A	0.25	18.5	Lg	05:49:44.039	-0.7					T__				---		266187	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/13	07:01:13.92	2.07	1.04	48.4526	17.6194	17.6	4.3	127	0.0f	6	4	241	0.24	1.29	sx	BUD	18004248	BUD					299

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.24	251.0	Pg	07:01:19.381	0.1					T__				---		266230	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.24	251.0	Lg	07:01:22.558	-1.2					T__				---		266235	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.41	4.8	Pg	07:01:22.561	-0.1					T__		64.8		---	ML	1.2	266232	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.41	4.8	Lg	07:01:29.134	-0.3					T__				---		266231	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
KRUC	1.01	307.4	Lg	07:01:48.486	0.2					T__				---		266233	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CONA	1.29	246.6	Sn	07:01:58.557	1.3					T__				---		266234	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/13	07:48:10.89	1.10	0.70	47.3857	18.3914	9.1	4.8	135	0.0f	9	8	108	0.09	1.18	sx	BUD	18004250	BUD					186

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	255.8	Pg	07:48:13.211	-0.2					T__		1287.7		---	ML	1.7	266254	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	255.8	Lg	07:48:15.603	-0.2					T__				---		266255	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
HU09A	0.25	358.6	Lg	07:48:20.903	-0.4					T__				---		266257	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	278.3	Lg	07:48:23.560	0.0					T__				---		266256	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.62	249.9	Lg	07:48:34.164	1.1					T__				---		266262	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.12	63.2	Sn	07:48:50.562	0.7					T__				---		266260	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.15	61.8	Sn	07:48:51.202	0.5					T__				---		266261	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.15	14.9	Sn	07:48:50.873	0.2					T__				---		266258	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.18	171.5	Sn	07:48:50.587	-0.9					T__				---		266259	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
2022/10/13	08:13:37.93	3.17	0.50	48.6229	20.4068	19.2	9.6	166	5.0f		8	5	299	0.15	0.83	ke	BUD	18004252	BUD			313

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.4	3 BUD	18004252

Sta	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	0.15	159.4	Pg	08:13:41.001	-0.2					T__		169.5		---	ML	0.9	266290	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.15	159.4	Lg	08:13:43.082	-0.7					T__				---		266293	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.15	145.3	Pg	08:13:41.129	-0.1					T__		53.7		---	ML	0.5	266289	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	145.3	Lg	08:13:44.406	0.5					T__				---		266292	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
HU02A	0.51	171.0	Pg	08:13:49.007	0.5					T__		30.7		---	ML	1.2	266294	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.51	171.0	Lg	08:13:56.749	0.2					T__				---		266295	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.78	206.1	Lg	08:14:05.796	-0.3					T__				---		266291	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.83	205.9	Lg	08:14:07.431	0.3					T__				---		266296	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
2022/10/13	09:13:18.29	0.86	1.11	48.2724	21.2037	6.8	4.2	8	0.0f		19	13	108	0.03	1.80	sx	BUD	18004254	BUD			111

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	18004254

Sta	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	0.03	45.4	Pg	09:13:19.373	-0.2					T__		11596.2		---	ML	2.5	266355	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.03	45.4	Lg	09:13:20.870	-0.0					T__				---		266370	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
HU02A	0.48	251.9	Lg	09:13:35.612	-0.6					T__				---		266362	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.50	297.0	Pg	09:13:28.575	0.3					T__		104.8		---	ML	1.7	266356	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	297.0	Lg	09:13:35.423	-0.5					T__				---		266363	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.52 294.0 Pg 09:13:29.269 0.4 T__ 141.6 ___ ML 1.9 266357 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.52 294.0 Lg 09:13:36.107 -0.8 T__ ___ 266364 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU05A 0.72 183.6 Lg 09:13:44.738 -0.4 T__ ___ 266365 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 0.90 98.5 Pg 09:13:35.642 -0.3 T__ ___ ML 2.0 266367 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.90 98.5 Lg 09:13:49.227 -1.5 T__ ___ 266366 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.95 248.5 Pg 09:13:37.522 -0.7 T__ ___ ML 1.9 266359 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.95 248.5 Lg 09:13:51.217 -1.2 T__ ___ 266358 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 0.97 46.6 Lg 09:13:50.791 -1.8 T__ ___ 266371 FDSN SK -- BUD iLoc HHN ??? _
ET1H 0.98 246.7 Pg 09:13:37.869 -0.8 T__ ___ ML 1.6 266360 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.98 246.7 Lg 09:13:52.458 -0.6 T__ ___ 266361 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU03A 1.14 251.7 Sn 09:13:57.622 -0.1 T__ ___ 266372 FDSN ZJ 00 BUD iLoc HHN ??? _
BSZH 1.16 213.3 Sn 09:13:59.171 0.9 T__ ___ 266373 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.59 278.9 Sn 09:14:10.142 1.1 T__ ___ 266368 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.80 144.9 Sn 09:14:16.934 2.7 T__ ___ 266369 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/13 09:18:46.69 0.95 1.08 48.3941 20.6203 5.1 3.3 59 0.0f 9 5 130 0.12 0.72 sx BUD 18004256 BUD 221

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Magnitude Err Nsta Author OrigID
ML 1.0 0.2 5 BUD 18004256

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.12 332.1 Pg 09:18:49.138 -0.1 T__ 170.6 _c_ ML 0.9 266423 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.12 332.1 Lg 09:18:51.211 -0.1 T__ ___ 266426 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.13 314.9 Pg 09:18:49.675 0.2 T__ ___ ML 1.0 266424 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.13 314.9 Lg 09:18:51.820 0.1 T__ ___ 266428 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.28 193.2 Pg 09:18:52.754 -0.1 T__ ___ ML 0.5 266425 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.28 193.2 Lg 09:18:57.612 -0.2 T__ ___ 266429 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
ABAH 0.42 103.1 Pg 09:18:56.332 0.9 T__ ___ ML 1.2 266427 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.42 103.1 Lg 09:19:00.535 -2.3 T__ ___ 266430 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ET1H 0.72 224.5 Pg 09:19:02.788 0.9 T__ ___ ML 1.4 266431 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/13	10:00:10.38	1.39	1.20	48.0847	17.0094	24.2	3.5	134	0.0f	9	5	199	0.13	0.89	sx	BUD	18004258	BUD				227

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZST	0.13	29.2	Pg	10:00:14.041	0.5					T__						266470	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.13	29.2	Lg	10:00:15.113	-1.2					T__						266474	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.34	31.7	Pg	10:00:17.382	-0.4					T__						266469	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.34	31.7	Lg	10:00:21.801	-1.9					T__						266473	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.62	231.5	Pg	10:00:22.531	-0.2					T__						266471	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.62	231.5	Lg	10:00:31.369	0.4					T__						266472	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.79	258.9	Lg	10:00:35.852	-0.4					T__						266475	FDSN	OE	--	BUD	iLoc	HHE	???	_
JAVC	0.89	29.3	Pg	10:00:30.363	1.7					T__		50.5				266477	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.89	29.3	Lg	10:00:42.683	0.3					T__						266476	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/13	13:42:20.68	0.62	1.18	47.9019	19.2467	3.4	2.2	165	0.0f	38	24	79	0.16	1.74	sx	BUD	18004262	BUD				101

Magnitude Err Nsta Author OrigID  
ML 2.1 0.1 14 BUD 18004262

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU10A	0.16	249.8	Pg	13:42:23.810	-0.7					T__		1995.6				266562	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.16	249.8	Lg	13:42:26.363	-1.3					T__						266599	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
HU03A	0.24	89.4	Pg	13:42:26.393	0.4					T__		1016.6				266564	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.24	89.4	Lg	13:42:30.739	0.7					T__						266563	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
ET1H	0.42	92.9	Pg	13:42:29.497	-0.3					T__		408.1				266568	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.42	92.9	Lg	13:42:35.742	-0.8					T__						266589	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
PSZ	0.44	87.6	Pg	13:42:29.936	-0.4					T__		363.4				266570	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.44	87.6	Lg	13:42:36.618	-0.9					T__						266569	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
BUD	0.44	199.9	Lg	13:42:36.266	-1.4					T__						266590	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU01A	0.61	155.5	Lg	13:42:42.583	-0.9					T__						266591	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
SRD	0.63	262.3	Lg	13:42:43.265	-0.9					T__						266565	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU09A	0.64	246.0	Pg	13:42:34.756	1.1					T__		307.3				266567	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.64	246.0	Lg	13:42:42.388	-1.9					T__						266566	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=0)																								
VYHS	0.65	335.3	Pg	13:42:33.770	-0.3					T__		55.6				266572	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.65	335.3	Lg	13:42:42.754	-1.0					T__						266571	FDSN	SK	--	BUD	iLoc	HHN	???	_

(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=0)																							
HU23A	0.73	110.9	Lg	13:42:47.136	-0.1	T__									266576	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CSKK	0.86	231.4	Lg	13:42:49.838	-2.0	T__									266573	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.89	75.1	Pg	13:42:38.189	-0.8	T__	109.9								266592	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	75.1	Lg	13:42:51.372	-1.4	T__									266578	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
BSZH	0.92	130.7	Lg	13:42:53.310	-0.9	T__									266593	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	1.01	242.7	Pg	13:42:40.416	-0.4	T__	132.1								266575	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.01	242.7	Lg	13:42:55.097	-1.5	T__									266574	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
KECS	1.01	54.5	Pg	13:42:41.512	0.7	T__	155.3								266579	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.01	54.5	Lg	13:42:55.133	-1.5	T__									266594	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																							
(Station ML: 2.3 magdef=1)																							
JOS	1.05	55.0	Pg	13:42:41.950	0.5	T__	68.1								266581	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.05	55.0	Lg	13:42:55.900	-1.9	T__									266580	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=0)																							
A267A	1.09	208.8	Sn	13:42:57.361	-1.5	T__									266577	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU04B	1.10	173.1	Pg	13:42:43.216	0.1	T__	295.5								266596	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04B	1.10	173.1	Sn	13:42:58.262	-0.8	T__									266595	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																							
(Station ML: 2.6 magdef=0)																							
MPLH	1.37	238.3	Pn	13:42:48.670	1.6	T__	48.7								266582	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.37	238.3	Sn	13:43:06.016	0.2	T__									266597	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
EGYH	1.38	250.2	Sn	13:43:08.244	2.1	T__									266583	FDSN	HU	--	BUD	iLoc	HHN	???	_
ABAH	1.39	72.8	Pn	13:42:47.957	0.6	T__	53.4								266598	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.39	72.8	Sn	13:43:07.951	1.5	T__									266587	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
MODS	1.40	290.4	Sn	13:43:05.833	-0.9	T__									266584	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	1.42	312.9	Pn	13:42:48.597	0.8	T__	91.3								266585	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.42	312.9	Sn	13:43:08.390	1.1	T__									266586	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																							
(Station ML: 2.3 magdef=1)																							
MORH	1.74	194.0	Sn	13:43:16.789	1.9	T__									266588	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
2022/10/14	06:34:43.57	1.52	0.45	47.8858	20.5047	17.7	4.3	136	0.0A	0.0	8	5	266	0.24	0.61	m	kx BUD	18004264	BUD			360
2022/10/14	06:34:43.76	0.95	0.77	47.9590	20.3545f				0.0f		8	5	221	0.20	0.55		kx BUD_GT	18004265	BUD_GT			243

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.5	3 BUD	18004265

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



HU02A	0.20	35.0	Pg	06:34:48.660	0.3	T__	236.8	---	ML	1.2	266645	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	06:34:50.815	-1.4	T__		---			266647	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
PSZ	0.31	262.7	Pg	06:34:50.553	-0.3	T__	55.1	---	ML	0.9	266648	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	06:34:56.615	0.3	T__		---			266651	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
ET1H	0.33	256.4	Lg	06:34:57.379	0.7	T__		---			266649	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.53	9.4	Pg	06:34:55.398	0.9	T__	100.3	---	ML	1.8	266646	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.53	9.4	Lg	06:35:02.081	-0.7	T__		---			266650	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JOS	0.55	12.9	Lg	06:35:03.070	-0.3	T__		---			266652	FDSN	ZJ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/14	07:28:25.97	0.76	1.11	48.4208	18.6188	4.6	3.0	12	0.0f		19	13	90	0.16	1.53	sx	BUD	18004266	BUD			117

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	18004266

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.16	63.0	Pg	07:28:30.562	1.0					T__		180.3	---	ML	1.0	266704	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.16	63.0	Lg	07:28:32.901	0.6					T__			---			266705	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=0)																								
JAVC	0.77	305.3	Pg	07:28:41.951	0.2					T__		61.9	---	ML	1.7	266706	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.77	305.3	Lg	07:28:52.121	-1.5					T__			---			266707	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
HU09A	0.80	191.6	Lg	07:28:55.604	0.6					T__			---			266721	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU03A	0.84	127.9	Pg	07:28:43.375	0.0					T__		53.6	---	ML	1.7	266709	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.84	127.9	Lg	07:28:55.273	-0.5					T__			---			266708	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MODS	0.90	267.5	Pg	07:28:44.595	0.5					T__			---			266710	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.90	267.5	Lg	07:28:57.612	-0.3					T__			---			266711	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	0.99	120.0	Pg	07:28:47.163	0.4					T__		45.7	---	ML	1.7	266722	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.99	120.0	Lg	07:29:00.053	-1.5					T__			---			266712	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
ET1H	1.00	122.4	Lg	07:28:59.850	-1.6					T__			---			266713	FDSN	HU	--	BUD	iLoc	HHE	???	_
CSKK	1.09	193.0	Sn	07:29:05.646	1.5					T__			---			266714	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU08A	1.09	205.5	Sn	07:29:04.426	0.1					T__			---			266715	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
KECS	1.24	86.4	Sn	07:29:05.341	-2.8					T__			---			266716	FDSN	SK	--	BUD	iLoc	EHE	???	_
JOS	1.28	85.9	Pg	07:28:51.104	-0.1					T__		19.8	---	ML	1.5	266718	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.28	85.9	Sn	07:29:09.206	0.2					T__			---			266717	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU02A	1.31	102.5	Sn	07:29:10.121	0.4					T__			---			266719	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORC	1.53	332.9	Sn	07:29:15.104	-0.1					T__			---			266720	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/14	07:45:32.72	0.70	0.94	48.2170	18.8036	3.9	3.0	30	0.0f		21	14	71	0.28	1.35	sx	BUD	18004268	BUD			124

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	18004268

Sta	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	0.28	4.5	Pg	07:45:39.330	0.7				T__			100.4		---	ML	1.1	266775	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.28	4.5	Lg	07:45:43.895	0.9				T__					---		266776	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU10A	0.40	158.7	Lg	07:45:48.460	0.6				T__					---		266771	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	0.62	120.1	Lg	07:45:54.990	-0.1				T__					---		266777	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.79	111.8	Pg	07:45:50.614	1.1				T__			43.6		---	ML	1.6	266766	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.79	111.8	Lg	07:46:00.401	-1.1				T__					---		266767	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.79	114.9	Pg	07:45:49.628	0.2				T__			31.5		---	ML	1.4	266769	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.79	114.9	Lg	07:46:00.620	-0.5				T__					---		266768	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CSKK	0.93	203.4	Lg	07:46:06.085	-0.1				T__					---		266778	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.98	217.3	Lg	07:46:07.488	-0.1				T__					---		266781	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	0.99	310.9	Pg	07:45:53.217	0.3				T__			74.6		---	ML	1.9	266780	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.99	310.9	Lg	07:46:07.532	-0.5				T__					---		266779	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
MODS	1.03	279.3	Pg	07:45:54.433	0.9				T__					---		266783	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.03	279.3	Lg	07:46:07.360	-1.9				T__					---		266782	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	1.14	269.6	Sn	07:46:11.426	-0.8				T__					---		266784	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	1.15	76.0	Sn	07:46:11.978	-0.6				T__					---		266772	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	1.16	94.1	Pn	07:45:55.252	-1.0				T__			35.6		---	ML	1.7	266770	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.16	94.1	Sn	07:46:12.530	-0.2				T__					---		266785	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	1.19	75.8	Pg	07:45:56.859	0.6				T__			30.7		---	ML	1.6	266774	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.19	75.8	Sn	07:46:12.927	-0.6				T__					---		266773	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MPLH	1.35	219.7	Sn	07:46:19.384	1.9				T__					---		266786	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
2022/10/14	07:59:33.60	1.15	0.73	48.5976	20.7980	9.8	3.8	0	0.0f		15	10	164	0.20	1.31	sx	BUD	18004270	BUD			205

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	5 BUD	18004270

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.20	239.4	Pg	07:59:38.125	0.3				T__			430.2		---	ML	1.5	266825	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	239.4	Lg	07:59:41.503	0.4				T__					---		266832	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.24 241.2 Pg 07:59:38.727 0.2 T__ 1838.5 ___ ML 2.2 266826 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 241.2 Lg 07:59:42.690 0.3 T__ ___ 266833 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ABAH 0.42 135.6 Pg 07:59:42.872 0.6 T__ 73.9 ___ ML 1.3 266827 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.42 135.6 Lg 07:59:49.245 -0.3 T__ ___ 266834 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU02A 0.51 201.0 Lg 07:59:52.157 -0.4 T__ ___ 266835 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.91 222.0 Lg 08:00:06.514 0.2 T__ ___ 266836 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.95 221.1 Pg 07:59:53.645 0.2 T__ 21.9 ___ ML 1.4 266829 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.95 221.1 Lg 08:00:06.354 -0.9 T__ ___ 266828 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOLS 1.03 70.5 Lg 08:00:07.859 -1.4 T__ ___ 266837 FDSN SK -- BUD iLoc HHN ??? _
HU03A 1.06 229.5 Sn 08:00:09.730 -1.4 T__ ___ 266838 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 1.25 111.3 Sn 08:00:15.381 -0.5 T__ ___ 266839 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.31 266.2 Pn 07:59:59.087 -0.1 T__ 14.3 ___ ML 1.4 266830 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.31 266.2 Sn 08:00:17.528 0.2 T__ ___ 266831 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/14 08:06:49.20 0.98 1.12 48.5580 19.3184 7.0 3.4 5 0.0f 13 8 167 0.33 1.13 sx BUD 18004272 BUD 195

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Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 18004272

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Sta 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 0.33 258.9 Pg 08:06:56.617 0.6 T__ 53.4 ___ ML 0.9 266882 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.33 258.9 Lg 08:07:00.853 -0.2 T__ ___ 266883 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
HU10A 0.74 195.8 Lg 08:07:14.951 -1.2 T__ ___ 266884 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.75 148.8 Pg 08:07:06.217 1.2 T__ 43.9 ___ ML 1.6 266879 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.75 148.8 Lg 08:07:15.565 -0.9 T__ ___ 266880 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.77 151.2 Pg 08:07:07.341 1.9 T__ 39.4 ___ ML 1.5 266881 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.77 151.2 Lg 08:07:15.841 -1.1 T__ ___ 266885 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.78 95.1 Lg 08:07:16.133 -0.3 T__ ___ 266876 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.81 93.9 Pg 08:07:06.018 0.7 T__ 45.2 ___ ML 1.6 266878 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.81 93.9 Lg 08:07:16.755 -0.8 T__ ___ 266877 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.92 118.0 Pg 08:07:08.005 -0.0 T__ 54.5 ___ ML 1.7 266874 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.92 118.0 Lg 08:07:20.458 -1.3 T__ ___ 266875 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1

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(Station ML: 1.7 magdef=0  
 JAVC 1.13 286.1 Sn 08:07:27.681 -1.0 T\_\_ --- 266886 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/14	08:08:22.19	1.02	0.64	48.5296	19.3327	8.4	3.4	6	0.0f	11	6	187	0.33	0.89		sx	BUD	18004274	BUD			301

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	18004274

Sta	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	264.0	Pg	08:08:29.406	0.3					T__		33.4		---	ML	0.7	266919	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	264.0	Lg	08:08:33.677	-0.5					T__				---		266920	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=0)																									
PSZ	0.72	148.2	Pg	08:08:38.355	0.9					T__		45.8		---	ML	1.6	266922	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.72	148.2	Lg	08:08:48.016	-0.4					T__				---		266921	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
ET1H	0.74	150.8	Lg	08:08:48.322	-0.6					T__				---		266925	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.77	93.0	Pg	08:08:37.745	0.2					T__		117.6		---	ML	2.0	266923	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.77	93.0	Lg	08:08:48.830	-0.2					T__				---		266924	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
JOS	0.80	92.0	Pg	08:08:38.661	0.5					T__		48.0		---	ML	1.6	266927	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	92.0	Lg	08:08:49.847	-0.3					T__				---		266926	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
HU02A	0.89	116.7	Pg	08:08:40.389	-0.2					T__		29.4		---	ML	1.5	266928	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	116.7	Lg	08:08:53.305	-1.1					T__				---		266929	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/14	10:18:39.52	0.33	0.87	47.5529	18.4268	4.4	3.2	112	0.0A	0.0	11	9	129	0.09	1.52	m	kx	BUD	18004276	BUD			360
2022/10/14	10:18:37.22	0.91	0.64	47.5577	18.4810f				0.0f	11	9	104	0.10	1.49		kx	BUD_GT	18004277	BUD_GT				147

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.10	320.5	Pg	10:18:40.170	0.3					T__		1067.2		---	ML	1.6	266959	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	10:18:41.649	-0.8					T__				---		266962	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
CSKK	0.25	217.6	Pg	10:18:42.744	0.1					T__		185.8		---	ML	1.3	266960	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	10:18:47.547	0.1					T__				---		266963	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
SRO	0.28	336.2	Lg	10:18:49.043	0.6					T__				---		266964	FDSN	SK	--	BUD	iLoc	EHN	???	_	

HU10A	0.46	51.4	Lg	10:18:54.790	-0.0	T__	---	266965	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VYHS	0.97	14.1	Lg	10:19:10.852	-0.2	T__	---	266966	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.99	70.6	Lg	10:19:12.421	-0.3	T__	---	266967	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.02	68.8	Lg	10:19:14.185	0.1	T__	---	266961	FDSN	GE	--	BUD	iLoc	HHN	???	_
MORH	1.35	175.2	Sn	10:19:21.759	0.1	T__	---	266968	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	1.49	66.9	Lg	10:19:28.362	-1.7	T__	---	266969	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/10/14 11:20:54.02 1.13 1.06 48.9501 21.2898 11.9 3.9 158 0.0f 16 11 157 0.65 1.69 sx BUD 18004278 BUD 195

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.3 4 BUD 18004278

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOLS	0.65	91.1	Pg	11:21:06.390	-0.1					T__						267009	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.65	91.1	Lg	11:21:16.469	-0.5					T__						267008	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.66	182.9	Lg	11:21:18.660	0.7					T__						267005	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.67	227.8	Pg	11:21:06.828	-0.6					T__		48.3			ML	1.6	267000	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	227.8	Lg	11:21:16.177	-1.3					T__						267001	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.71	229.0	Pg	11:21:09.385	1.3					T__		101.1			ML	1.9	267003	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.71	229.0	Lg	11:21:17.127	-1.6					T__						267002	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	0.97	211.8	Pg	11:21:13.183	-0.7					T__		31.0			ML	1.5	267004	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.97	211.8	Lg	11:21:27.133	-1.1					T__						267010	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KWP	1.15	53.2	Lg	11:21:31.399	-1.2					T__						267011	FDSN	PL	--	BUD	iLoc	HHN	???	_	
TRPA	1.17	134.2	Sn	11:21:34.585	0.4					T__						267012	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.39	222.5	Pn	11:21:21.071	0.3					T__		46.0			ML	1.9	267006	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.39	222.5	Sn	11:21:39.859	0.0					T__						267013	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	1.43	221.9	Sn	11:21:42.544	1.8					T__						267007	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MEZ	1.54	105.7	Lg	11:21:46.204	0.9					T__						267014	FDSN	UA	--	BUD	iLoc	BHN	???	_	
VYHS	1.69	255.2	Lg	11:21:50.057	-0.2					T__						267015	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  
 2022/10/14 11:37:03.89 1.73 0.67 47.8763 20.1393 16.6 3.5 158 0.0f 10 6 211 0.17 0.85 sx BUD 18004280 BUD 224

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 4 BUD 18004280

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.17	284.4	Pg	11:37:08.527	0.4					T__		324.4			_c_ ML	1.3	267044	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.17	284.4	Lg	11:37:10.316	-1.3					T__						267049	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

ET1H	0.18	271.0	Pg	11:37:08.600	0.4	T__	355.4	___	ML	1.4	267045	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.18	271.0	Lg	11:37:11.046	-0.5	T__		---			267050	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
HU02A	0.36	46.3	Pg	11:37:11.758	0.1	T__	93.6	___	ML	1.3	267046	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	46.3	Lg	11:37:16.981	-0.8	T__		---			267051	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
KECS	0.65	20.8	Lg	11:37:27.076	0.2	T__		---			267052	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.68	23.2	Pg	11:37:17.748	0.3	T__	37.8	___	ML	1.5	267047	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	23.2	Lg	11:37:27.987	0.2	T__		---			267053	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
ABAH	0.85	59.9	Lg	11:37:34.619	0.1	T__		---			267048	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
2022/10/15	21:50:56.25	1.02	0.57	47.4654	18.2118	6.0	4.4	131	5.0f	6	5	110	0.11	0.66	ke	BUD	18004286	BUD			182	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.11	162.1	Pg	21:50:59.123	0.3					T__		339.3		---	ML	1.1	267239	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	162.1	Lg	21:51:00.556	-0.7					T__				---		267240	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU08A	0.20	260.2	Lg	21:51:03.487	-0.6					T__				---		267241	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.35	11.1	Lg	21:51:09.183	-0.3					T__				---		267242	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.54	237.4	Lg	21:51:15.568	0.3					T__				---		267244	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.66	54.8	Lg	21:51:20.168	-0.1					T__				---		267243	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/10/17	07:39:20.91	0.94	1.23	48.3775	19.5377	7.3	3.7	12	0.0f	9	6	155	0.48	0.71	sx	BUD	18004290	BUD			283			

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 3 BUD 18004290

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.48	284.3	Pg	07:39:31.204	0.4					T__		23.0		---	ML	1.0	267338	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	284.3	Lg	07:39:37.269	-0.8					T__				---		267337	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.52	152.4	Lg	07:39:39.919	-0.4					T__				---		267335	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.55	155.7	Lg	07:39:40.722	-0.2					T__				---		267336	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.64	80.1	Lg	07:39:43.212	-0.2					T__				---		267332	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	79.6	Pg	07:39:34.297	-0.1					T__		55.7		---	ML	1.6	267331	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	79.6	Lg	07:39:45.060	0.4					T__				---		267330	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.71	110.8	Pg	07:39:37.108	1.5					T__		40.1		---	ML	1.5	267334	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	110.8	Lg	07:39:44.337	-2.4					T__				---		267333	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/17	07:48:24.37	0.72	1.25	47.1349	17.8461	4.0	3.0	116	0.0f		20	16	88	0.21	1.59	sx	BUD	18004292	BUD			109

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	18004292

Sta	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	0.21	279.7	Pg	07:48:29.036	-0.2					T__		280.5		---	ML	1.3	267375	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.21	279.7	Lg	07:48:33.052	-0.2					T__				---		267379	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
TIH	0.24	172.2	Pg	07:48:29.277	-0.4					T__		1191.5		---	ML	2.0	267376	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.24	172.2	Lg	07:48:33.293	-0.6					T__				---		267378	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
HU08A	0.30	10.1	Lg	07:48:35.791	-0.6					T__				---		267380	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.36	50.9	Pg	07:48:31.947	-0.2					T__		158.4		---	ML	1.5	267377	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.36	50.9	Lg	07:48:37.811	-0.9					T__				---		267381	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
BADH	0.42	217.9	Lg	07:48:39.025	-0.5					T__				---		267382	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.62	35.7	Lg	07:48:48.100	0.4					T__				---		267383	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A265A	0.71	182.8	Lg	07:48:49.109	0.2					T__				---		267384	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.75	24.9	Lg	07:48:50.022	-2.1					T__				---		267385	FDSN	SK	--	BUD	iLoc	EHN	???	_	
A262A	0.94	253.8	Lg	07:48:56.323	0.7					T__				---		267386	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	1.06	170.4	Lg	07:48:59.826	-1.3					T__				---		267387	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	1.07	47.8	Sn	07:49:01.575	-0.5					T__				---		267389	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.07	148.9	Lg	07:48:59.685	-1.6					T__				---		267388	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.30	343.0	Sn	07:49:05.560	-2.3					T__				---		267390	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.51	25.8	Pn	07:48:54.634	1.9					T__		16.0		---	ML	1.5	267392	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.51	25.8	Sn	07:49:12.546	-0.7					T__				---		267391	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
ET1H	1.56	60.8	Sn	07:49:15.939	1.6					T__				---		267393	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.59	59.8	Sn	07:49:17.007	1.8					T__				---		267394	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/17	08:21:54.49	3.24	0.63	46.9109	22.8595	26.8	7.6	169	0.0f		7	5	250	0.16	1.59	sx	BUD	18004294	BUD			295

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.16	220.5	Pg	08:21:57.891	-0.1					T__		309.9		---	ML	1.2	267418	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.16	220.5	Lg	08:22:00.401	-0.6					T__				---		267419	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
CJR	0.54	111.0	Lg	08:22:13.047	-0.8					T__				---		267423	FDSN	RO	--	BUD	iLoc	HHN	???	_	

GZR	1.52	182.2	Pn	08:22:23.293	0.3	T__	32.0	___	ML	1.8	267421	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.52	182.2	Sn	08:22:43.855	0.4	T__		---			267420	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
BZS	1.56	214.1	Sn	08:22:44.499	0.2	T__		---			267424	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.59	156.3	Sn	08:22:45.943	0.5	T__		---			267422	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/17	08:54:28.03	0.84	1.76	48.5016	17.4563	6.0	3.6	129	0.0f		8	4	133	0.17	0.92	sx	BUD	18004296	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	3 BUD	18004296

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.17	223.0	Pg	08:54:31.044	-1.1					T__						267473	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.17	223.0	Lg	08:54:34.497	-1.1					T__						267474	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.38	21.6	Pg	08:54:34.698	-1.6					T__	113.2				ML	1.4	267476	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	21.6	Lg	08:54:41.044	-1.7					T__						267475	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KRUC	0.90	309.0	Pg	08:54:45.883	0.6					T__	47.2				ML	1.7	267478	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.90	309.0	Lg	08:54:59.718	1.2					T__						267477	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	0.92	90.0	Pn	08:54:50.461	2.3					T__	17.2				ML	1.2	267480	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.92	90.0	Lg	08:55:00.823	1.0					T__						267479	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/17	08:57:26.49	0.20	0.97	47.8826	19.4376	3.6	1.9	165	0.0A	0.0	26	16	82	0.11	1.53	m	kx	BUD	18004298	BUD			360
2022/10/17	08:57:24.27	0.80	1.00	47.8920	19.4049f				0.0f		26	16	82	0.13	1.51		kx	BUD_GT	18004299	BUD_GT			120
(locality : Bercel Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	10 BUD	18004299

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU03A	0.13	84.8	Pg	08:57:28.393	0.9					T__	2543.0				ML	2.1	267533	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	84.8	Lg	08:57:29.558	-0.5					T__						267532	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU10A	0.26	259.9	Pg	08:57:30.602	0.5					T__	953.8				ML	2.0	267530	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.26	259.9	Lg	08:57:35.421	0.6					T__						267529	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	0.31	92.2	Pg	08:57:30.763	-0.5					T__	165.0				ML	1.4	267534	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	92.2	Lg	08:57:36.044	-0.4					T__						267535	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									



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(Station ML: 1.4 magdef=0
PSZ 0.33 85.2 Lg 08:57:36.907 -0.6 T__ --- 267536 FDSN GE -- BUD iLoc HHN ??? _
BUD 0.48 212.3 Lg 08:57:42.489 -0.1 T__ --- 267531 FDSN HU -- BUD iLoc HHN ??? _
VYHS 0.71 327.9 Pn 08:57:40.401 -0.3 T__ 29.0 --- ML 1.4 267538 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.71 327.9 Lg 08:57:49.076 -0.3 T__ --- 267537 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU02A 0.79 72.6 Pg 08:57:39.156 -1.5 T__ 83.3 --- ML 1.9 267539 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 72.6 Lg 08:57:51.906 -1.1 T__ --- 267547 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BSZH 0.83 135.1 Lg 08:57:53.111 -1.6 T__ --- 267548 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.93 50.3 Pg 08:57:43.574 0.7 T__ 164.0 --- ML 2.2 267541 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.93 50.3 Lg 08:57:56.586 -0.4 T__ --- 267540 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
CSKK 0.94 236.1 Pn 08:57:44.115 0.5 T__ 117.0 --- ML 2.1 267550 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.94 236.1 Lg 08:57:57.368 -0.8 T__ --- 267549 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.97 51.1 Pg 08:57:43.654 0.1 T__ 73.2 --- ML 1.9 267542 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 51.1 Lg 08:57:57.068 -1.6 T__ --- 267543 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU08A 1.10 245.8 Pg 08:57:47.328 1.2 T__ 149.0 --- ML 2.3 267551 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 1.10 245.8 Sn 08:58:02.991 0.0 T__ --- 267552 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
ABAH 1.29 71.1 Lg 08:58:09.015 -0.7 T__ --- 267553 FDSN HU -- BUD iLoc HHN ??? _
MPLH 1.46 240.9 Sn 08:58:12.570 0.9 T__ --- 267544 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.50 289.5 Sn 08:58:14.959 1.5 T__ --- 267554 FDSN SK -- BUD iLoc HHN ??? _
JAVC 1.51 310.6 Pg 08:57:57.228 2.6 T__ 112.9 --- ML 2.4 267546 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.51 310.6 Lg 08:58:16.586 -1.0 T__ --- 267545 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/17 09:33:11.02 0.99 0.66 47.8751 16.0610 6.6 3.9 42 0.0f 8 4 127 0.14 1.21 sx BUD 18004300 BUD 206

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Magnitude Err Nsta Author OrigID
ML 1.6 0.5 3 BUD 18004300

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.14 291.7 Pg 09:33:14.056 -0.1 T__ 143.3 --- ML 0.9 267592 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.14 291.7 Lg 09:33:16.787 0.4 T__ --- 267593 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
RONA 0.24 137.8 Pg 09:33:15.983 -0.0 T__ --- 267594 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.24 137.8 Lg 09:33:19.759 0.3 T__ --- 267595 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.72 210.4 Pg 09:33:23.935 -1.1 T__ 47.4 --- ML 1.6 267597 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.72 210.4 Lg 09:33:34.819 0.7 T__ --- 267596 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1

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(Station ML: 1.6 magdef=1  
 KRUC 1.21 10.5 Pg 09:33:34.314 0.1 T\_\_ 56.5 \_\_\_ ML 1.9 267599 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 KRUC 1.21 10.5 Lg 09:33:51.503 -0.5 T\_\_ \_\_\_ 267598 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/17	10:04:28.53	0.95	0.90	48.4398	19.5471	7.6	3.5	7	0.0f	10	6	167	0.48	0.73	sx	BUD	18004302	BUD				286

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	18004302

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
VYHS	0.48	276.8	Pg	10:04:39.036	0.7					T__		18.3		___	ML	0.9 267634	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	276.8	Lg	10:04:43.935	-1.5					T__				___		267635	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																								
PSZ	0.57	155.9	Lg	10:04:50.040	0.3					T__				___		267632	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.60	158.7	Lg	10:04:49.759	-0.6					T__				___		267633	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.63	85.7	Pg	10:04:41.044	-0.0					T__	109.1			___	ML	1.9 267629	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	85.7	Lg	10:04:50.562	0.0					T__				___		267628	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																								
JOS	0.66	84.8	Pg	10:04:42.329	0.6					T__		49.3		___	ML	1.6 267630	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	84.8	Lg	10:04:51.445	-0.3					T__				___		267631	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																								
HU02A	0.73	115.6	Pg	10:04:44.016	0.4					T__		42.2		___	ML	1.5 267626	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	115.6	Lg	10:04:53.654	-1.3					T__				___		267627	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/17	23:31:58.05	0.94	1.89	46.2581	16.4753	10.3	5.1	150	22.6	9.2	11	8	127	0.25	1.36	ke	BUD	18004310	BUD				181

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	18004310

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOGS	0.25	320.7	Pg	23:32:03.574	-0.6					T__		54.0		___	ML	0.7 267875	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.25	320.7	Lg	23:32:08.192	-0.4					T__				___		267876	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																								
BEHE	0.30	44.3	Pg	23:32:05.220	0.1					T__		226.9		___	ML	1.5 267874	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																								
PTJ	0.50	225.3	Sn	23:32:15.826	-2.0					T__				___		267881	FDSN	CR	--	BUD	iLoc	BHN	???	_
A262A	0.61	3.4	Pn	23:32:11.164	-0.2					T__		112.1		___	ML	1.9 267877	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.61	3.4	Lg	23:32:20.401	1.7					T__				___		267882	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1																								

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(Station ML: 1.9 magdef=1
CRES 0.83 239.0 Pg 23:32:14.979 1.3 T__ 26.1 ___ ML 1.4 267879 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.83 239.0 Lg 23:32:27.188 0.6 T__ ___ 267880 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A261A 0.84 33.5 Lg 23:32:27.389 1.4 T__ ___ 267878 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 1.14 98.0 Sn 23:32:32.227 -1.4 T__ ___ 267883 FDSN HU -- BUD iLoc HHN ??? _
OBKA 1.36 281.4 Lg 23:32:45.335 3.4 T__ ___ 267884 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/18 02:41:31.30 1.27 0.64 46.2325 16.5580 8.5 4.9 155 5.0f 9 5 190 0.28 0.87 ke BUD 18004312 BUD 263

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD 18004312

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BEHE 0.28 32.3 Pg 02:41:36.849 -0.4 T__ 260.1 ___ ML 1.5 267913 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.28 32.3 Lg 02:41:40.932 -0.4 T__ ___ 267919 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOGS 0.30 315.4 Pg 02:41:36.918 -0.6 T__ 51.8 _d_ ML 0.9 267914 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.30 315.4 Lg 02:41:41.711 0.1 T__ ___ 267920 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
A262A 0.63 358.1 Pg 02:41:44.410 0.5 T__ 124.4 ___ ML 1.9 267921 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A262A 0.63 358.1 Lg 02:41:53.368 1.2 T__ ___ 267917 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A263A 0.66 51.8 Pg 02:41:44.704 0.1 T__ 96.0 ___ ML 1.9 267915 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CRES 0.87 242.5 Pg 02:41:48.351 0.3 T__ 36.8 ___ ML 1.5 267918 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.87 242.5 Lg 02:42:00.759 0.1 T__ ___ 267916 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/18 07:58:41.84 0.63 0.56 48.0762 20.6910 7.3 3.7 144 0.0A 0.0 11 8 191 0.12 1.31 m kx BUD 18004314 BUD 360
2022/10/18 07:58:39.65 0.94 0.70 48.0471 20.6805f 0.0f 11 8 196 0.13 1.31 kx BUD_GT 18004315 BUD_GT 264

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 3 BUD 18004315

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.13 305.8 Pg 07:58:43.055 0.2 T__ 441.2 ___ ML 1.3 267952 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.13 305.8 Lg 07:58:44.534 -1.1 T__ ___ 267957 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

ABAH 0.45 56.1 Lg 07:58:55.553 -1.2 T__ 267958 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.46 343.5 Pg 07:58:49.683 0.8 T__ 128.6 --- ML 1.7 267953 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.46 343.5 Lg 07:58:55.727 -0.3 T__ --- 267954 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.46 348.2 Lg 07:58:55.544 -0.6 T__ --- 267955 FDSN ZJ -- BUD iLoc HHN ??? _
PSZ 0.54 256.6 Lg 07:58:59.896 -0.2 T__ --- 267959 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.57 253.1 Lg 07:59:00.584 0.1 T__ --- 267956 FDSN HU -- BUD iLoc HHN ??? _
HU10A 1.14 260.4 Sn 07:59:18.899 0.0 T__ --- 267960 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.31 290.6 Pg 07:59:06.710 0.7 T__ 18.8 --- ML 1.5 267962 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.31 290.6 Sn 07:59:24.458 0.9 T__ --- 267961 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/18 08:13:55.56 1.08 0.82 47.3600 18.3560 8.8 4.5 152 0.0f 10 8 107 0.07 1.18 sx BUD 18004316 BUD 210

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```

Magnitude Err Nsta Author OrigID

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.07 272.8 Pg 08:13:57.516 -0.0 T__ 1254.4 _c ML 1.6 267987 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 272.8 Lg 08:13:59.488 -0.1 T__ --- 267988 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU09A 0.28 3.7 Lg 08:14:06.335 -0.5 T__ --- 267989 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.30 283.8 Pg 08:14:03.428 1.3 T__ 101.6 --- ML 1.1 267993 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.30 283.8 Lg 08:14:06.422 -1.1 T__ --- 267994 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU10A 0.66 42.5 Lg 08:14:19.938 -0.2 T__ --- 267995 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.15 62.6 Sn 08:14:35.149 -0.2 T__ --- 267991 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.16 170.1 Sn 08:14:35.076 -0.5 T__ --- 267990 FDSN HU -- BUD iLoc HHE ??? _
VYHS 1.18 15.7 Sn 08:14:35.169 -1.0 T__ --- 267996 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.18 61.2 Sn 08:14:36.463 0.2 T__ --- 267992 FDSN GE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/18 09:51:50.28 0.80 1.36 48.4095 19.1040 4.6 3.7 14 0.0f 19 12 101 0.20 1.43 sx BUD 18004318 BUD 148

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```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 7 BUD 18004318

```

```

Sta 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 0.20 295.5 Pg 09:51:54.887 0.4 T__ 98.6 _c ML 0.8 268044 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.20 295.5 Lg 09:51:57.699 -0.1 T__ --- 268047 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
HU10A 0.57 185.8 Lg 09:52:11.950 0.7 T__ --- 268048 FDSN ZJ 00 BUD iLoc HHN ??? _
HU03A 0.61 146.6 Lg 09:52:11.576 -0.5 T__ --- 268041 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.72 132.6 Pg 09:52:05.514 -0.1 T__ 58.8 --- ML 1.7 268040 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.72 132.6 Lg 09:52:15.812 -0.9 T__ --- 268039 FDSN GE -- BUD iLoc HHN ??? _

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```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.74 135.6 Lg 09:52:15.552 -1.3 T__ --- 268049 FDSN HU -- BUD iLoc HHN ??? _
SR0 0.80 221.9 Lg 09:52:17.964 -1.3 T__ --- 268050 FDSN SK -- BUD iLoc EHN ??? _
KECS 0.92 84.9 Pg 09:52:07.906 -0.7 T__ 130.7 --- ML 2.1 268033 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.92 84.9 Lg 09:52:20.852 -1.5 T__ --- 268034 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 0.96 84.3 Pg 09:52:08.326 -1.0 T__ 47.3 --- ML 1.7 268035 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.96 84.3 Lg 09:52:21.874 -1.7 T__ --- 268036 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.99 106.3 Pg 09:52:10.955 0.3 T__ 43.1 --- ML 1.7 268037 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.99 106.3 Lg 09:52:23.883 -1.8 T__ --- 268038 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.05 295.9 Lg 09:52:25.146 -2.5 T__ --- 268051 FDSN CZ -- BUD iLoc HHN ??? _
NIE 1.28 37.5 Pn 09:52:16.762 1.3 T__ 30.8 --- ML 1.7 268043 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.28 37.5 Lg 09:52:33.779 0.9 T__ --- 268042 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 1.43 93.8 Pg 09:52:19.624 1.4 T__ 57.1 --- ML 2.1 268046 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.43 93.8 Sn 09:52:38.905 2.0 T__ --- 268045 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/18 10:26:45.59 2.74 1.01 47.7777 20.1747 20.4 4.7 163 0.0f 9 6 254 0.23 0.76 sx BUD 18004320 BUD 269

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```

Magnitude Err Nsta Author OrigID
ML 1.6 0.0 3 BUD 18004320

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.23 296.5 Pg 10:26:51.600 0.8 T__ 428.3 --- ML 1.6 268085 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.23 296.5 Lg 10:26:54.312 -0.6 T__ --- 268088 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.24 306.8 Pg 10:26:51.454 0.3 T__ 394.2 _c_ ML 1.6 268084 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.24 306.8 Lg 10:26:54.777 -0.8 T__ --- 268090 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.41 288.3 Lg 10:26:59.640 -1.2 T__ --- 268091 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.42 34.2 Pg 10:26:54.595 -0.0 T__ 92.3 --- ML 1.4 268087 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.42 34.2 Lg 10:27:00.328 -1.3 T__ --- 268086 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.74 16.3 Lg 10:27:12.392 0.8 T__ --- 268089 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.76 18.6 Lg 10:27:13.182 0.9 T__ --- 268092 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

```

2022/10/18 16:12:00.23 1.00 0.90 47.3850 18.2476 7.1 4.9 75 7.3 5.7 7 6 138 0.02 1.20 ke BUD 18004326 BUD 212

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.02	158.2	Pg	16:12:02.332	0.4					T__		10468.0		_c_	ML	2.4	268220	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	158.2	Lg	16:12:02.880	-0.6					T__				---		268221	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
HU08A	0.22	282.0	Lg	16:12:08.649	-0.4					T__				---		268224	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.27	19.8	Lg	16:12:10.502	-0.2					T__				---		268225	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.47	159.9	Lg	16:12:16.407	-0.8					T__				---		268226	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
VVHS	1.18	19.4	Sn	16:12:38.765	-0.7					T__				---		268223	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.20	166.8	Sn	16:12:40.671	0.8					T__				---		268222	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  
 2022/10/19 07:22:20.63 0.75 0.82 46.5041 17.2138 3.2 2.9 174 9.5 5.3 41 25 55 0.15 1.84 ke BUD 18004332 BUD 64

Magnitude Err Nsta Author OrigID  
 ML 2.3 0.1 18 BUD 18004332

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A263A	0.15	27.0	Pg	07:22:23.830	-0.5					T__		4809.4		---	ML	2.4	268392	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.15	27.0	Lg	07:22:27.399	0.3					T__				---		268415	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
BEHE	0.30	263.8	Pg	07:22:26.504	-0.7					T__		1603.4		---	ML	2.4	268388	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.30	263.8	Lg	07:22:31.452	-0.2					T__				---		268389	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A264A	0.35	171.3	Pg	07:22:27.938	-0.1					T__		1099.1		---	ML	2.3	268393	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.35	171.3	Lg	07:22:33.899	1.0					T__				---		268394	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
BADH	0.35	30.5	Pg	07:22:27.378	-0.6					T__		907.8		---	ML	2.2	268396	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.35	30.5	Lg	07:22:32.865	-0.3					T__				---		268395	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
A265A	0.41	101.0	Pg	07:22:29.129	-0.0					T__		1292.6		---	ML	2.6	268397	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.41	101.0	Lg	07:22:36.424	1.4					T__				---		268398	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
A262A	0.59	307.6	Pg	07:22:32.755	0.2					T__		409.1		---	ML	2.4	268412	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.59	307.6	Lg	07:22:41.245	0.8					T__				---		268413	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
TIH	0.61	49.5	Lg	07:22:42.069	0.1					T__				---		268401	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOGS	0.67	265.5	Pg	07:22:33.536	-0.2					T__		361.5		---	ML	2.4	268390	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.67	265.5	Lg	07:22:43.762	1.2					T__				---		268391	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A273A	0.72	144.4	Pn	07:22:34.898	-0.7					T__		450.0		---	ML	2.6	268416	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 2.6 magdef=1)		(Station ML: 2.6 magdef=0)																		
A266A	0.73	87.9	Sn	07:22:46.925	-0.1	T__						268417	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KOVH	0.74	123.8	Pg	07:22:34.584	-0.7	T__	260.0		ML	2.3	268403	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.74	123.8	Lg	07:22:44.782	-0.5	T__					268402	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)		(Station ML: 2.3 magdef=1)																		
EGYH	0.92	5.0	Pg	07:22:39.876	1.3	T__	350.8		ML	2.6	268404	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.6 magdef=1)		(Station ML: 2.6 magdef=0)																		
A267A	0.98	62.7	Sn	07:22:52.317	-1.0	T__					268418	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.03	105.8	Pn	07:22:39.112	-0.6	T__	97.3		_c_ ML	2.1	268408	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	1.03	105.8	Sn	07:22:53.244	-1.1	T__					268419	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)		(Station ML: 2.1 magdef=0)																		
HU08A	1.05	27.4	Pg	07:22:40.800	-0.2	T__	228.1		ML	2.4	268421	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU08A	1.05	27.4	Sn	07:22:55.188	0.1	T__					268420	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)		(Station ML: 2.4 magdef=1)																		
PTJ	1.05	235.8	Pg	07:22:39.941	-0.8	T__	158.4		ML	2.3	268399	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	1.05	235.8	Sn	07:22:54.549	-1.2	T__					268400	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)		(Station ML: 2.3 magdef=1)																		
CSKK	1.12	39.5	Pn	07:22:41.418	0.3	T__	145.0		ML	2.3	268409	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	1.12	39.5	Sn	07:22:57.286	0.3	T__					268410	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)		(Station ML: 2.3 magdef=1)																		
SOP	1.26	339.4	Pn	07:22:43.706	0.5	T__	99.9		ML	2.2	268423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	1.26	339.4	Lg	07:23:01.015	-0.3	T__					268422	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)		(Station ML: 2.2 magdef=1)																		
RONA	1.35	332.7	Pn	07:22:44.709	0.1	T__					268407	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.35	332.7	Lg	07:23:04.502	0.4	T__					268424	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	1.38	303.4	Pn	07:22:44.746	-0.3	T__	98.9		ML	2.3	268406	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.3 magdef=1)		(Station ML: 2.3 magdef=1)																		
HU09A	1.39	34.7	Sn	07:23:04.246	0.7	T__					268426	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CRES	1.40	241.6	Pn	07:22:44.193	-1.3	T__	75.7		ML	2.2	268405	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	1.40	241.6	Lg	07:23:06.068	0.2	T__					268425	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)		(Station ML: 2.2 magdef=0)																		
CONA	1.70	327.6	Pn	07:22:50.360	0.8	T__	47.8		ML	2.1	268411	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	1.70	327.6	Sn	07:23:12.435	1.6	T__					268427	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)		(Station ML: 2.1 magdef=0)																		
BLY	1.76	180.7	Lg	07:23:14.758	-0.6	T__					268428	FDSN	MN	--	BUD	iLoc	HHN	???	_	
OBKA	1.84	271.1	Lg	07:23:21.230	2.0	T__					268414	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/19	10:16:47.57	1.60	0.52	48.2993	19.9439	11.9	3.9	124	0.0f		11	7	236	0.38	1.10	sx	BUD	18004338	BUD			237
Magnitude	Err	Nsta	Author	OrigID																		

ML 1.2 0.1 4 BUD 18004338

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.38	185.0	Lg	10:17:02.112	-0.3					T__						268555	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.41	62.8	Pg	10:16:56.384	0.6					T__		134.5		---	ML	1.6	268551	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.41	62.8	Lg	10:17:02.186	0.0					T__						268554	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.42	186.6	Pg	10:16:56.749	0.0					T__		53.0		---	ML	1.2	268552	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.42	186.6	Lg	10:17:03.359	-0.0					T__						268553	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.43	114.3	Pg	10:16:57.303	0.6					T__		40.4		---	ML	1.1	268558	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	114.3	Lg	10:17:02.854	-0.9					T__						268559	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.44	63.4	Pg	10:16:55.873	-0.7					T__		51.1		---	ML	1.2	268557	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.44	63.4	Lg	10:17:03.250	-0.1					T__						268556	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.87	89.7	Lg	10:17:18.344	-0.1					T__						268560	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU05A	1.10	132.5	Sn	10:17:26.317	0.3					T__						268561	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/19	13:25:37.03	1.79	0.81	46.5258	17.1968	8.9	4.2	9	15.0	18.4	10	7	131	0.14	1.05	ke	BUD	18004344	BUD			199

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 3 BUD 18004344

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A263A	0.14	35.3	Pg	13:25:41.238	0.2					T__		588.0		---	ML	1.5	268672	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.14	35.3	Lg	13:25:43.256	-0.7					T__						268676	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
BEHE	0.30	259.3	Pg	13:25:43.101	-0.5					T__		242.5		---	ML	1.5	268673	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.30	259.3	Lg	13:25:48.533	0.4					T__						268677	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A264A	0.37	170.0	Pg	13:25:44.732	-0.2					T__		359.0		---	ML	1.9	268674	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.37	170.0	Lg	13:25:50.785	0.5					T__						268678	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A265A	0.43	103.5	Lg	13:25:52.634	0.6					T__						268679	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOGS	0.66	263.6	Lg	13:26:00.000	1.3					T__						268680	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	0.76	124.6	Lg	13:26:01.916	-0.4					T__						268681	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.05	106.7	Lg	13:26:11.462	-0.8					T__						268675	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
2022/10/19	14:57:47.73	0.80	0.86	46.5092	17.2475	4.1	3.6	19	13.0	8.3	19	14	74	0.14	1.76	ke	BUD	18004346	BUD			98



Magnitude Err Nsta Author OrigID  
 ML 1.7 0.0 5 BUD 18004346

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A263A	0.14	19.4	Pg	14:57:51.555	0.0					T__		1063.8		___	ML	1.7	268753	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.14	19.4	Lg	14:57:54.709	0.4					T__				---		268755	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
BEHE	0.33	263.4	Pg	14:57:54.029	-0.8					T__		312.3		___	ML	1.7	268754	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.33	263.4	Lg	14:57:58.721	-1.0					T__				---		268758	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
BADH	0.33	27.5	Lg	14:58:00.086	0.1					T__				---		268765	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A264A	0.35	175.2	Pg	14:57:55.261	0.1					T__		259.8		___	ML	1.7	268757	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.35	175.2	Lg	14:58:01.195	1.0					T__				---		268759	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
A265A	0.39	102.4	Lg	14:58:00.068	-1.4					T__				---		268766	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.69	16.8	Lg	14:58:11.737	0.1					T__				---		268767	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOGS	0.69	265.3	Pg	14:58:01.235	0.0					T__		76.7		___	ML	1.8	268756	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.69	265.3	Lg	14:58:11.003	0.6					T__				---		268760	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
KOVH	0.73	125.2	Lg	14:58:12.396	0.6					T__				---		268761	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.91	3.6	Lg	14:58:19.163	0.6					T__				---		268768	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.01	106.4	Pg	14:58:06.518	-0.7					T__		28.1		___	ML	1.5	268752	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.01	106.4	Lg	14:58:21.180	-0.5					T__				---		268769	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
PTJ	1.07	236.3	Lg	14:58:22.429	-1.1					T__				---		268770	FDSN	CR	--	BUD	iLoc	BHN	???	_	
ARSA	1.40	302.7	Lg	14:58:33.373	1.6					T__				---		268763	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CRES	1.42	241.9	Sn	14:58:32.204	0.4					T__				---		268762	FDSN	SL	--	BUD	iLoc	BHN	???	_	
BLY	1.76	181.5	Sn	14:58:40.942	0.8					T__				---		268764	FDSN	MN	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/20	07:32:14.51	0.36	0.64	47.3205	18.2826	4.5	3.7	84	0.0A	0.0	9	7	108	0.05	1.24	m	kx BUD	18004348	BUD			360
2022/10/20	07:32:12.38	0.96	0.66	47.3167	18.3081f				0.0f		9	7	107	0.06	1.24		kx BUD_GT	18004349	BUD_GT			138

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	07:32:14.242	0.0					T__		2990.8		___	ML	1.9	268831	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	07:32:15.491	-0.6					T__				---		268837	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU08A	0.29	293.8	Pg	07:32:19.628	1.0					T__		192.0		___	ML	1.4	268832	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.29	293.8	Lg	07:32:23.206	-0.6					T__				---		268838	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU09A	0.33	8.9	Lg	07:32:24.608	-0.7					T__				---		268839	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

MORH	1.13	168.1	Lg	07:32:50.087	-1.0	T__	---	268835	FDSN	HU	--	BUD	iLoc	HHN	???	_
ET1H	1.20	61.4	Sn	07:32:53.634	0.2	T__	---	268836	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.23	60.1	Sn	07:32:54.540	-0.2	T__	---	268833	FDSN	GE	--	BUD	iLoc	HHN	???	_
KOVH	1.24	186.7	Lg	07:32:54.978	-0.2	T__	---	268834	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
2022/10/20	08:00:02.97	0.96	0.75	48.4128	17.2950	7.7	3.0	98	0.0f	17	11	167	0.04	1.77	sx	BUD	18004350	BUD				189

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	4 BUD	18004350

Sta	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	196.6	Pg	08:00:04.205	-0.3				T__					_c_	268871	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.04	196.6	Lg	08:00:05.721	-0.3				T__					---	268880	FDSN	SK	--	BUD	iLoc	HHN	???	_		
ZST	0.25	210.7	Lg	08:00:11.632	-1.3				T__					---	268872	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.51	29.0	Lg	08:00:21.440	-0.6				T__					---	268881	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
KRUC	0.88	317.8	Pg	08:00:19.860	-0.0				T__		64.3			---	ML	1.8	268874	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.88	317.8	Lg	08:00:31.692	-1.2				T__					---	268873	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SOP	0.88	214.4	Lg	08:00:32.693	0.5				T__					---	268882	FDSN	HU	--	BUD	iLoc	HHN	???	_		
RONA	0.98	223.6	Pg	08:00:22.501	0.1				T__					---	268875	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.98	223.6	Lg	08:00:36.159	1.0				T__					---	268876	FDSN	OE	--	BUD	iLoc	HHN	???	_		
VRAC	1.01	332.9	Pg	08:00:22.246	0.2				T__		22.1			---	ML	1.4	268879	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.01	332.9	Lg	08:00:36.522	-0.4				T__					---	268883	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CONA	1.07	243.7	Pg	08:00:22.974	-1.2				T__		67.8			---	ML	1.9	268878	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.07	243.7	Lg	08:00:38.677	0.6				T__					---	268877	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORC	1.37	6.7	Lg	08:00:48.496	0.8				T__					---	268884	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
ARSA	1.67	226.4	Pn	08:00:33.823	0.4				T__		68.2			---	ML	2.3	268886	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.67	226.4	Sn	08:00:55.880	0.3				T__					---	268885	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
A019A	1.77	237.7	Sn	08:00:58.803	0.5				T__					---	268887	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
2022/10/20	08:24:49.12	1.07	0.86	47.7541	19.1187	8.0	3.7	3	0.0f	9	6	160	0.11	1.01	sx	BUD	18004352	BUD				247

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3 BUD	18004352

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.11	323.5	Pg	08:24:52.604	0.7				T__			1165.8		---	ML	1.7	268935	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.11	323.5	Lg	08:24:53.558	-0.9				T__					---	268938	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU03A	0.36	65.0	Lg	08:25:02.469	-0.2				T__					---	268937	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		

ET1H	0.52	75.9	Lg	08:25:07.997	-0.5	T__									268936	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.55	72.2	Pg	08:25:01.845	0.8	T__					56.0				1.6	268940	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.55	72.2	Lg	08:25:09.274	-0.5	T__										268939	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
CSKK	0.70	236.4	Lg	08:25:14.345	-0.6	T__										268943	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	1.01	68.2	Pg	08:25:10.334	0.3	T__					42.1				1.7	268942	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.01	68.2	Sn	08:25:24.392	-1.3	T__										268941	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/20	08:32:32.46	1.53	1.17	48.4829	17.6122	12.4	3.4	119	0.0f		10	8	223	0.25	1.30	sx	BUD	18004354	BUD			230

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.25	244.0	Pg	08:32:37.888	-0.1					T__						268968	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.25	244.0	Lg	08:32:41.284	-1.2					T__						268972	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.38	5.9	Pg	08:32:40.900	0.3					T__		244.3			ML	1.7	268970	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	5.9	Lg	08:32:44.888	-2.1					T__						268973	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ZST	0.44	230.0	Lg	08:32:48.204	-0.7					T__						268969	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.99	306.2	Lg	08:33:06.171	0.1					T__						268971	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.07	321.2	Lg	08:33:08.408	0.2					T__						268974	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.18	228.9	Lg	08:33:12.214	1.1					T__						268975	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.30	245.3	Lg	08:33:15.615	1.0					T__						268976	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.30	358.0	Lg	08:33:15.723	1.1					T__						268977	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/20	08:59:50.10	0.95	1.43	48.2160	21.2003	6.9	4.0	164	0.0f		16	9	154	0.08	1.34	sx	BUD	18004356	BUD			205

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 6 BUD 18004356

Sta	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	0.08	18.1	Pg	08:59:51.235	-1.1					T__		16161.2			ML	2.7	269008	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.08	18.1	Lg	08:59:52.751	-1.7					T__						269023	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
HU02A	0.46	258.5	Pg	09:00:00.000	0.1					T__		77.7			ML	1.5	269010	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	258.5	Lg	09:00:07.668	0.2					T__						269009	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.52	302.7	Pg	09:00:00.584	-0.0					T__		91.7			ML	1.7	269011	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	302.7	Lg	09:00:07.449	-1.2					T__						269012	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.55	299.6	Lg	09:00:08.399	-1.1					T__						269013	FDSN	SK	--	BUD	iLoc	EHN	???	_	

TRPA	0.90	95.0	Pg	09:00:07.230	-0.4	T__	100.5	---	ML	2.0	269015	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.90	95.0	Lg	09:00:20.304	-2.1	T__		---			269014	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
PSZ	0.93	251.7	Lg	09:00:23.079	-0.4	T__		---			269018	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.95	249.8	Pg	09:00:09.129	-0.9	T__	50.1	---	ML	1.7	269020	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.95	249.8	Lg	09:00:24.978	0.9	T__		---			269019	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
KOLS	1.01	44.4	Pg	09:00:10.736	1.3	T__		---			269016	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	1.01	44.4	Lg	09:00:22.933	-2.8	T__		---			269017	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	1.34	334.0	Pn	09:00:17.967	1.8	T__	39.5	---	ML	1.8	269021	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.34	334.0	Sn	09:00:34.656	-0.1	T__		---			269022	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/20	09:57:58.61	0.51	0.69	47.2508	18.3091	6.4	5.0	77	0.0A	0.0	5	4	128	0.12	1.23	m	kx	BUD	18004360	BUD		360
2022/10/20	09:57:56.23	1.07	0.31	47.2302	18.2835f				0.0f		5	4	128	0.13	1.26		kx	BUD_GT	18004361	BUD_GT		251
(locality : Iszkaszentgyörgy Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	353.3	Pg	09:57:59.643	0.1					T__		286.5		---	ML	1.1	269096	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:58:02.181	-0.5					T__				---		269097	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU08A	0.32	309.6	Lg	09:58:08.891	0.1					T__				---		269098	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	1.15	186.4	Lg	09:58:36.305	0.1					T__				---		269099	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.26	58.3	Sn	09:58:38.341	-0.3					T__				---		269100	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
2022/10/20	11:08:57.94	0.86	1.11	47.8793	16.0396	6.4	3.8	40	0.0f		10	7	88	0.13	1.49		sx	BUD	18004362	BUD		161

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.13	292.3	Pg	11:09:01.113	0.3					T__		192.3		---	ML	0.9	269121	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	292.3	Lg	11:09:02.300	-0.5					T__				---		269129	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.25	136.0	Pg	11:09:03.021	-0.2					T__				---		269123	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.25	136.0	Lg	11:09:06.737	-0.1					T__				---		269122	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.72	209.3	Pg	11:09:11.813	-0.1					T__	60.7			---	ML	1.7	269124	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.72	209.3	Lg	11:09:20.961	0.0					T__				---		269128	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KRUC	1.21	11.2	Lg	11:09:37.468	-1.4					T__				---		269125	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

TREC	1.46	345.7	Sn	11:09:44.716	-0.8	T__	---	269127	FDSN	CZ	--	BUD	iLoc	HHN	???	_
JAVC	1.46	47.4	Sn	11:09:47.930	2.3	T__	---	269130	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.49	309.8	Sn	11:09:45.885	-0.3	T__	---	269126	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/20	11:50:48.30	1.53	1.73	46.3449	22.9279	18.3	5.3	90	0.0f	6	3	204	0.47	1.17	sx	BUD	18004364	BUD				314

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	18004364

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.47	341.6	Pg	11:50:58.039	0.1					T__		37.5		---	ML	1.2	269150	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.47	341.6	Lg	11:51:05.379	-0.4					T__				---		269153	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
GZR	0.96	186.4	Pg	11:51:06.642	0.1					T__		40.5		---	ML	1.6	269155	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.96	186.4	Lg	11:51:19.642	-0.3					T__				---		269154	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
BZS	1.17	231.9	Pg	11:51:09.822	-1.1					T__		39.6		---	ML	1.7	269151	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.17	231.9	Lg	11:51:29.980	2.7					T__				---		269152	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/21	07:14:38.42	1.07	1.71	48.4124	19.1105	7.9	4.9	21	0.0f	10	8	132	0.72	1.28	sx	BUD	18004370	BUD					159

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	0.72	133.0	Lg	07:15:04.254	-0.5					T__				---		269286	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.74	136.0	Lg	07:15:03.513	-1.4					T__				---		269287	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.92	85.1	Lg	07:15:08.507	-1.9					T__				---		269288	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.95	84.5	Pg	07:14:59.538	2.2					T__		39.5		---	ML	1.6	269285	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.95	84.5	Lg	07:15:10.531	-1.1					T__				---		269289	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.99	106.6	Pg	07:15:00.132	1.4					T__		63.0		---	ML	1.8	269291	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	106.6	Lg	07:15:11.772	-1.9					T__				---		269290	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JAVC	1.05	295.6	Lg	07:15:14.697	-1.2					T__				---		269292	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MODS	1.22	268.9	Sn	07:15:19.797	-0.2					T__				---		269293	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	1.28	37.5	Lg	07:15:19.693	-1.2					T__				---		269294	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	
2022/10/21	07:57:47.18	1.17	0.71	48.4279	17.4719	9.7	3.4	123	0.0f	10	8	185	0.14	1.69	sx	BUD	18004374	BUD					235

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.14	247.3	Pg	07:57:50.249	-0.4					T__						269337	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.14	247.3	Lg	07:57:53.554	-0.0					T__						269338	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.34	226.9	Lg	07:57:59.462	-0.6					T__						269340	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.45	16.9	Pg	07:57:56.695	-0.0					T__		88.9			ML	1.5	269339	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.45	16.9	Lg	07:58:03.895	-0.3					T__						269341	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
KRUC	0.95	312.1	Lg	07:58:19.383	-0.2					T__						269342	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.05	327.0	Lg	07:58:23.163	0.5					T__						269343	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.07	227.7	Lg	07:58:23.657	1.2					T__						269344	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.19	245.7	Lg	07:58:26.992	1.1					T__						269345	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A262A	1.69	202.5	Sn	07:58:40.252	-0.0					T__						269346	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/21	10:32:41.22	1.49	0.64	48.6121	19.6724	8.5	5.2	126	0.0f		10	8	176	0.56	1.09	sx	BUD	18004378	BUD			251

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.56	103.1	Pg	10:32:52.829	0.5					T__		82.9			ML	1.7	269432	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.56	103.1	Lg	10:33:01.158	0.4					T__						269427	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.59	101.1	Pg	10:32:53.226	0.3					T__		68.2			ML	1.7	269428	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.59	101.1	Lg	10:33:01.596	-0.3					T__						269429	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.71	167.9	Lg	10:33:06.943	-0.2					T__						269430	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.75	169.7	Lg	10:33:07.528	-0.4					T__						269431	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.75	130.5	Lg	10:33:07.173	-1.3					T__						269433	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.88	209.9	Lg	10:33:13.132	-0.0					T__						269435	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	0.91	26.9	Lg	10:33:10.516	-0.7					T__						269434	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	1.09	106.3	Lg	10:33:18.679	-0.2					T__						269436	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
2022/10/21	21:49:10.88	0.74	0.71	47.4044	19.9609	3.7	2.6	111	12.0f		24	16	78	0.23	1.49	ke	BUD	18004380	BUD			97

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	8 BUD	18004380

Sta	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	0.23	116.6	Pg	21:49:15.811	-0.7					T__		194.3			ML	1.2	269508	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.23	116.6	Lg	21:49:20.175	-0.3					T__						269509	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU01A	0.24	255.6	Pg	21:49:16.817	0.2					T__		109.1			ML	1.0	269510	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.24	255.6	Lg	21:49:20.907	0.2					T__						269511	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									

(Station ML: 1.0 magdef=0																	
HU23A	0.31	39.7	Pg	21:49:18.058	0.3	T__	164.0	___ ML	1.4 269507	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.31	39.7	Lg	21:49:22.559	-0.1	T__		___	269514	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1																	
(Station ML: 1.4 magdef=1																	
HU13A	0.42	173.1	Pg	21:49:21.049	0.9	T__	89.8	___ ML	1.4 269513	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU13A	0.42	173.1	Lg	21:49:25.710	-0.8	T__		___	269512	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1																	
(Station ML: 1.4 magdef=1																	
ET1H	0.48	352.8	Pg	21:49:21.052	-0.1	T__	41.3	___ ML	1.2 269505	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.48	352.8	Lg	21:49:28.265	-0.1	T__		___	269506	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1																	
(Station ML: 1.2 magdef=1																	
PSZ	0.52	355.0	Pg	21:49:21.874	-0.2	T__	61.3	___ ML	1.5 269504	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	355.0	Lg	21:49:29.580	-0.4	T__		___	269503	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1																	
(Station ML: 1.5 magdef=1																	
HU03A	0.56	334.1	Lg	21:49:31.405	0.6	T__		___	269516	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU04B	0.69	211.3	Pg	21:49:24.554	-0.6	T__	104.9	___ ML	1.9 269515	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04B	0.69	211.3	Lg	21:49:34.816	-0.8	T__		___	269517	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1																	
(Station ML: 1.9 magdef=0																	
HU05A	0.81	79.1	Lg	21:49:39.177	-0.0	T__		___	269518	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.81	27.7	Pg	21:49:26.822	-0.8	T__	42.2	___ ML	1.6 269501	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.81	27.7	Lg	21:49:38.673	-0.7	T__		___	269502	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1																	
(Station ML: 1.6 magdef=1																	
A272A	0.95	226.2	Sn	21:49:43.379	-0.1	T__		___	269519	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A267A	1.11	246.1	Sn	21:49:47.955	0.6	T__		___	269520	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	1.16	19.4	Sn	21:49:49.667	1.0	T__		___	269521	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
HU22A	1.22	208.2	Sn	21:49:51.478	1.4	T__		___	269522	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	1.24	43.5	Sn	21:49:51.164	0.5	T__		___	269523	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.49	217.7	Lg	21:49:59.941	-1.4	T__		___	269524	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
2022/10/22	00:03:00.18	0.94	0.60	46.4541	16.2077	5.8	5.3	142	8.3	4.6	11	6	109	0.03	0.92	ke	BUD	18004382	BUD			218

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	5 BUD	18004382

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOGS	0.03	101.4	Pg	00:03:01.972	0.0					T__		5879.0		___ ML	2.2 269563	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.03	101.4	Lg	00:03:02.958	-0.3					T__				___	269564	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1																								
(Station ML: 2.2 magdef=0																								
BEHE	0.39	87.4	Pg	00:03:08.460	0.1					T__		210.5		___ ML	1.7 269566	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BEHE	0.39	87.4	Lg	00:03:14.325	0.5					T__				___	269565	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1																								
(Station ML: 1.7 magdef=1																								
A262A	0.47	28.1	Pg	00:03:09.446	-0.1					T__		189.1		___ ML	1.9 269567	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A262A	0.47	28.1	Lg	00:03:16.418	0.5					T__				___	269568	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1																								

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(Station ML: 1.9 magdef=1
A264A 0.81 111.0 Sn 00:03:29.067 -0.8 T__
CRES 0.82 220.0 Pg 00:03:16.280 0.5 T__ 48.2 --- ML 1.6 269569 FDSN SL -- BUD iLoc HHZ HHZ _
CRES 0.82 220.0 Lg 00:03:27.752 -0.2 T__ --- 269572 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ARSA 0.92 329.7 Pg 00:03:17.110 -0.7 T__ 94.1 --- ML 2.0 269570 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.92 329.7 Lg 00:03:30.363 0.6 T__ --- 269571 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/22	09:19:54.85	0.82	0.88	47.1275	19.7736	5.1	3.5	80	9.0	4.8	13	10	113	0.23	1.53	ke	BUD	18004386	BUD			144

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	18004386

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU13A	0.23	128.0	Pg	09:19:59.972	-0.2					T__		279.9		---	ML	1.4	269677	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU13A	0.23	128.0	Lg	09:20:04.026	-0.1					T__				---		269676	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU01A	0.24	334.4	Lg	09:20:05.969	1.5					T__				---		269678	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU04B	0.39	216.3	Pg	09:20:02.260	-0.8					T__		243.4		---	ML	1.8	269679	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
HU14A	0.71	162.7	Lg	09:20:20.687	0.6					T__				---		269680	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.75	5.0	Pg	09:20:10.334	-0.3					T__		51.4		---	ML	1.6	269674	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.75	5.0	Lg	09:20:21.043	-0.4					T__				---		269681	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU21A	0.80	182.2	Lg	09:20:22.996	0.0					T__				---		269682	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.80	5.9	Pg	09:20:10.964	-0.7					T__		91.9		---	ML	1.9	269672	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.80	5.9	Lg	09:20:22.531	-0.7					T__				---		269673	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
HU02A	1.12	26.8	Sn	09:20:32.538	0.3					T__				---		269675	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.20	220.9	Sn	09:20:35.657	1.5					T__				---		269684	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ABAH	1.53	39.7	Lg	09:20:46.359	-0.0					T__				---		269683	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
2022/10/22	19:50:38.34	0.61	0.92	46.5016	17.2269	2.9	2.8	163	10.0	0.4	48	31	51	0.15	1.75	ke	BUD	18004388	BUD			59

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	22 BUD	18004388

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A263A	0.15	23.5	Pg	19:50:41.795	-0.3					T__		3827.0		---	ML	2.3	269792	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.15	23.5	Lg	19:50:45.342	0.5					T__				---		269811	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1																									



(Station ML: 2.3 magdef=1																				
BEHE	0.31	264.4	Pg	19:50:44.662	-0.4	T__	1047.9	---	ML	2.2	269790	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BEHE	0.31	264.4	Lg	19:50:49.482	-0.2	T__		---			269791	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1																				
(Station ML: 2.2 magdef=1																				
A264A	0.34	172.7	Pg	19:50:45.785	0.1	T__	482.7	---	ML	1.9	269793	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A264A	0.34	172.7	Lg	19:50:51.637	1.1	T__		---			269812	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1																				
(Station ML: 1.9 magdef=0																				
BADH	0.35	29.0	Pg	19:50:45.429	-0.2	T__	703.2	---	ML	2.1	269795	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BADH	0.35	29.0	Lg	19:50:50.916	0.1	T__		---			269813	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1																				
(Station ML: 2.1 magdef=1																				
A265A	0.40	100.9	Pg	19:50:47.200	0.5	T__	896.5	---	ML	2.4	269796	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.4 magdef=1																				
(Station ML: 2.4 magdef=1																				
A261A	0.45	353.2	Pg	19:50:46.898	-0.8	T__	262.5	---	ML	2.0	269794	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.0 magdef=1																				
(Station ML: 2.0 magdef=0																				
A262A	0.60	307.2	Pg	19:50:50.359	-0.0	T__	287.9	---	ML	2.3	269814	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.3 magdef=1																				
(Station ML: 2.3 magdef=1																				
TIH	0.61	48.8	Pg	19:50:50.441	-0.0	T__	761.6	---	ML	2.7	269815	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.7 magdef=1																				
(Station ML: 2.7 magdef=0																				
KOGS	0.68	265.8	Pg	19:50:51.381	-0.2	T__	214.9	---	ML	2.2	269816	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.68	265.8	Lg	19:51:01.935	1.4	T__		---			269817	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1																				
(Station ML: 2.2 magdef=1																				
A273A	0.71	144.8	Pg	19:50:52.915	0.5	T__	298.8	---	ML	2.4	269819	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A273A	0.71	144.8	Sn	19:51:03.688	-1.8	T__		---			269818	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1																				
(Station ML: 2.4 magdef=1																				
A266A	0.72	87.7	Pg	19:50:52.796	0.3	T__	367.7	---	ML	2.5	269801	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A266A	0.72	87.7	Sn	19:51:04.482	-1.1	T__		---			269821	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1																				
(Station ML: 2.5 magdef=0																				
KOVH	0.73	124.0	Pg	19:50:52.513	-0.3	T__	137.7	---	ML	2.0	269798	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.73	124.0	Lg	19:51:02.811	0.2	T__		---			269820	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1																				
(Station ML: 2.0 magdef=0																				
A260A	0.86	335.6	Pg	19:50:55.763	0.6	T__	282.0	---	ML	2.4	269797	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A260A	0.86	335.6	Sn	19:51:08.253	-0.9	T__		---			269822	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1																				
(Station ML: 2.4 magdef=0																				
EGYH	0.92	4.4	Pn	19:50:57.717	0.4	T__	258.5	---	ML	2.4	269799	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.4 magdef=1																				
(Station ML: 2.4 magdef=0																				
A267A	0.97	62.3	Pg	19:50:57.215	0.1	T__	153.1	---	ML	2.2	269806	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A267A	0.97	62.3	Sn	19:51:12.443	0.6	T__		---			269805	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1																				
(Station ML: 2.2 magdef=1																				
MORH	1.02	105.8	Pg	19:50:57.032	-1.1	T__	63.6	_c_	ML	1.9	269808	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	

MORH	1.02	105.8	Lg	19:51:12.480	-0.2	T__										269823	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=0)																								
HU08A	1.05	26.9	Lg	19:51:13.831	0.3	T__										269804	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PTJ	1.06	236.2	Lg	19:51:12.988	-0.2	T__										269824	FDSN	CR	--	BUD	iLoc	BHN	???	_
ZAG	1.09	232.4	Lg	19:51:13.926	0.3	T__										269825	FDSN	CR	--	BUD	iLoc	BHN	???	_
CSKK	1.12	39.0	Pg	19:50:59.863	-0.0	T__										269809	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.12	39.0	Sn	19:51:15.255	-0.2	T__			133.0			ML	2.2			269826	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
A272A	1.22	77.9	Sn	19:51:18.798	0.7	T__										269827	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
SOP	1.27	339.1	Pn	19:51:02.474	0.4	T__			74.2			ML	2.1			269803	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	1.27	339.1	Sn	19:51:18.743	-0.5	T__										269828	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
A271A	1.28	58.8	Pn	19:51:01.506	-0.8	T__			151.9			ML	2.4			269810	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=1)																								
HU22A	1.33	96.8	Lg	19:51:23.438	1.1	T__										269829	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
RONA	1.36	332.4	Pn	19:51:03.186	-0.2	T__										269807	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.36	332.4	Sn	19:51:21.646	0.2	T__										269830	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	1.39	303.3	Pn	19:51:02.766	-1.0	T__			82.3			ML	2.2			269802	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.39	303.3	Sn	19:51:22.833	0.6	T__										269832	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
CRES	1.40	241.9	Pn	19:51:03.021	-1.0	T__			83.5			ML	2.2			269800	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.40	241.9	Lg	19:51:23.454	-0.3	T__										269831	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
SRO	1.51	29.1	Lg	19:51:29.085	0.3	T__										269833	FDSN	SK	--	BUD	iLoc	EHN	???	_
CONA	1.70	327.4	Pn	19:51:08.709	0.5	T__			91.3			ML	2.4			269835	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.70	327.4	Lg	19:51:35.952	3.4	T__										269834	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=1)																								
A019A	1.74	303.6	Lg	19:51:35.837	2.4	T__										269837	FDSN	Z3	00	BUD	iLoc	HH2	???	_
BLY	1.75	181.0	Lg	19:51:34.501	1.5	T__										269836	FDSN	MN	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/22	20:59:57.38	0.69	0.98	46.4999	17.2199	3.3	3.2	6	11.9	0.3	68	45	51	0.16	3.58	ke	BUD	18004390	BUD			60

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	35 BUD	18004390

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A263A	0.16	24.9	Pg	21:00:00.659	-0.7					T__		5849.8			ML	2.5	269991	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.16	24.9	Lg	21:00:03.923	-0.3					T__						269992	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
BEHE	0.31	264.6	Pg	21:00:03.332	-0.7					T__		2146.3			ML	2.5	269993	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.31	264.6	Lg	21:00:08.477	-0.2					T__						269994	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									

A264A	0.34	171.9	Pg	21:00:04.661	0.0	T__	1117.9	_c_ ML	2.3	269996	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.34	171.9	Lg	21:00:10.325	0.7	T__		---		270057	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.3 magdef=1)																	
	(Station ML: 2.3 magdef=1)																	
BADH	0.35	29.6	Pg	21:00:04.139	-0.6	T__	1344.2	___ ML	2.4	269995	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.35	29.6	Lg	21:00:09.411	-0.7	T__		---		270058	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.4 magdef=1)																	
	(Station ML: 2.4 magdef=1)																	
A265A	0.40	100.5	Pg	21:00:05.986	0.2	T__	1592.3	___ ML	2.6	269997	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.40	100.5	Lg	21:00:13.449	1.8	T__		---		269998	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.6 magdef=1)																	
	(Station ML: 2.6 magdef=1)																	
A261A	0.45	353.8	Pg	21:00:05.805	-0.9	T__	490.1	___ ML	2.3	269999	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.45	353.8	Lg	21:00:14.702	1.4	T__		---		270028	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.3 magdef=1)																	
	(Station ML: 2.3 magdef=0)																	
A262A	0.60	307.7	Pg	21:00:09.557	0.3	T__	482.0	___ ML	2.5	270000	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.5 magdef=1)																	
	(Station ML: 2.5 magdef=1)																	
TIH	0.61	48.9	Pg	21:00:09.369	-0.2	T__	1745.2	___ ML	3.1	270001	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 3.1 magdef=1)																	
	(Station ML: 3.1 magdef=0)																	
KOGS	0.67	265.9	Pg	21:00:09.529	-1.0	T__	462.5	___ ML	2.5	270002	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.67	265.9	Sn	21:00:20.882	-1.1	T__		---		270029	FDSN	SL	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.5 magdef=1)																	
	(Station ML: 2.5 magdef=1)																	
A273A	0.72	144.4	Pn	21:00:11.679	-0.3	T__	484.5	___ ML	2.6	270003	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.6 magdef=1)																	
	(Station ML: 2.6 magdef=1)																	
A266A	0.72	87.6	Pn	21:00:11.835	-0.2	T__	732.5	___ ML	2.8	270005	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.72	87.6	Sn	21:00:23.407	0.1	T__		---		270031	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.8 magdef=1)																	
	(Station ML: 2.8 magdef=1)																	
KOVH	0.74	123.7	Pg	21:00:11.355	-0.6	T__	259.6	___ ML	2.3	270004	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.74	123.7	Lg	21:00:21.785	0.0	T__		---		270030	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.3 magdef=1)																	
	(Station ML: 2.3 magdef=1)																	
A260A	0.86	336.0	Pn	21:00:14.564	0.4	T__	764.0	___ ML	2.9	270006	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.86	336.0	Sn	21:00:26.958	0.6	T__		---		270032	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.9 magdef=1)																	
	(Station ML: 2.9 magdef=0)																	
EGYH	0.92	4.7	Pg	21:00:16.609	1.3	T__	536.2	___ ML	2.7	270007	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.7 magdef=1)																	
	(Station ML: 2.7 magdef=1)																	
A267A	0.98	62.3	Pg	21:00:16.022	-0.3	T__	263.0	___ ML	2.5	270008	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.98	62.3	Lg	21:00:30.835	-0.4	T__		---		270033	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.5 magdef=1)																	
	(Station ML: 2.5 magdef=1)																	
MORH	1.03	105.6	Pn	21:00:15.901	-0.2	T__	109.7	_c_ ML	2.1	270009	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.03	105.6	Sn	21:00:30.148	-0.4	T__		---		270034	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																	
	(Station ML: 2.1 magdef=0)																	
HU08A	1.05	27.1	Pn	21:00:17.083	0.5	T__	290.9	___ ML	2.5	270010	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU08A	1.05	27.1	Lg	21:00:32.298	-0.3	T__	---	270036	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
PTJ	1.05	236.2	Pg	21:00:16.128	-1.3	T__	134.5	---	ML	2.2	270011	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.05	236.2	Sn	21:00:31.635	-0.4	T__	---	---	---	270035	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
ZAG	1.09	232.3	Sn	21:00:33.834	1.6	T__	---	---	---	270037	FDSN	CR	--	BUD	iLoc	BHN	???	_	
CSKK	1.12	39.2	Pn	21:00:18.224	0.6	T__	236.0	---	ML	2.5	270012	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.12	39.2	Sn	21:00:34.137	0.8	T__	---	---	---	270038	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A272A	1.23	77.9	Lg	21:00:37.364	-2.5	T__	---	---	---	270039	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SOP	1.27	339.3	Pg	21:00:21.287	-0.4	T__	111.1	---	ML	2.3	270013	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
A271A	1.29	58.8	Pn	21:00:20.516	0.7	T__	209.7	---	ML	2.5	270014	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A271A	1.29	58.8	Lg	21:00:41.067	-0.9	T__	---	---	---	270040	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
HU22A	1.33	96.7	Pn	21:00:20.580	0.3	T__	184.0	---	ML	2.5	270015	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	1.33	96.7	Lg	21:00:41.971	-1.3	T__	---	---	---	270041	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
RONA	1.36	332.6	Pn	21:00:21.530	0.4	T__	---	---	---	270016	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
ARSA	1.39	303.4	Pn	21:00:21.550	-0.1	T__	102.5	---	ML	2.3	270017	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.39	303.4	Lg	21:00:42.192	1.2	T__	---	---	---	270042	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
HU09A	1.39	34.5	Sn	21:00:40.892	1.0	T__	---	---	---	270044	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CRES	1.40	241.8	Pn	21:00:20.603	-1.4	T__	97.0	---	ML	2.3	270018	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.40	241.8	Lg	21:00:43.034	0.5	T__	---	---	---	270043	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
SRO	1.51	29.2	Pg	21:00:26.533	0.2	T__	401.2	---	ML	2.9	270046	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	1.51	29.2	Sn	21:00:45.011	2.1	T__	---	---	---	270045	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
BUD	1.58	50.8	Sn	21:00:45.560	0.9	T__	---	---	---	270047	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	1.70	327.6	Pn	21:00:26.761	0.6	T__	68.6	---	ML	2.3	270019	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
HU21A	1.74	94.6	Lg	21:00:56.152	-0.9	T__	---	---	---	270049	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BLY	1.75	180.8	Pn	21:00:26.504	-0.2	T__	129.4	---	ML	2.6	270020	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.75	180.8	Lg	21:00:54.048	2.2	T__	---	---	---	270048	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
OBKA	1.84	271.3	Pg	21:00:29.961	-0.8	T__	94.9	---	ML	2.5	270021	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.84	271.3	Lg	21:00:56.519	0.6	T__	---	---	---	270050	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MODS	1.88	1.2	Pn	21:00:28.939	0.6	T__	---	---	---	270022	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
HU03A	2.15	48.3	Pn	21:00:32.975	1.2	T__	126.2	---	ML	2.8	270051	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

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(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
FRGS 2.25 125.6 Pn 21:00:33.784 0.5 T__ 59.0 ___ ML 2.5 270023 FDSN SJ -- BUD iLoc BHZ BHZ _
FRGS 2.25 125.6 Lg 21:01:11.736 0.4 T__ ___ 270052 FDSN SJ -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ET1H 2.27 51.7 Pn 21:00:33.337 -0.2 T__ 63.4 ___ ML 2.6 270024 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
PSZ 2.31 51.1 Sn 21:01:04.825 1.8 T__ ___ 270053 FDSN GE -- BUD iLoc HHN ??? _
JAVC 2.38 7.2 Pn 21:00:37.311 1.8 T__ 147.4 ___ ML 3.0 270025 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
KRUC 2.62 348.1 Pn 21:00:38.847 0.2 T__ 79.1 ___ ML 2.9 270026 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
VRAC 2.84 351.7 Pn 21:00:42.183 0.5 T__ 24.1 ___ ML 2.5 270027 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ABAH 3.27 55.2 Pg 21:00:58.513 -2.0 T__ 87.3 ___ ML 3.3 270054 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=0
MORC 3.29 3.7 Sn 21:01:27.333 0.0 T__ ___ 270055 FDSN CZ -- BUD iLoc HHN ??? _
NIE 3.58 34.2 Sn 21:01:36.027 1.2 T__ ___ 270056 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
2022/10/22 22:42:37.35 1.29 0.91 46.0022 17.2226 9.2 4.9 5 8.6 6.4 15 8 182 0.16 1.28 ke BUD 18004392 BUD 222

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 7 BUD 18004392

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A264A 0.16 16.5 Pg 22:42:41.147 -0.1 T__ 174.5 ___ ML 1.0 270186 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A264A 0.16 16.5 Lg 22:42:44.762 0.8 T__ ___ 270187 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
A265A 0.58 43.1 Pg 22:42:49.514 0.5 T__ 103.5 ___ ML 1.8 270196 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A265A 0.58 43.1 Lg 22:42:56.464 -0.5 T__ ___ 270195 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOVH 0.62 81.7 Pg 22:42:50.505 0.7 T__ 38.7 ___ ML 1.4 270185 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.62 81.7 Lg 22:42:59.817 1.7 T__ ___ 270188 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A263A 0.64 5.7 Pg 22:42:50.814 0.6 T__ 115.6 ___ ML 1.9 270190 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A263A 0.64 5.7 Lg 22:42:59.495 0.4 T__ ___ 270197 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 0.81 303.8 Pg 22:42:53.389 0.4 T__ 77.6 ___ ML 1.8 270189 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.81 303.8 Lg 22:43:04.575 0.9 T__ ___ 270191 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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PTJ 0.88 264.2 Lg 22:43:06.708 -0.5 T__ 270198 FDSN CR -- BUD iLoc BHE ??? _
MORH 1.01 77.3 Pg 22:42:56.275 -0.7 T__ 50.6 --- ML 1.8 270184 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.01 77.3 Sn 22:43:11.978 -0.1 T__ --- 270192 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A267A 1.28 42.2 Pn 22:43:00.520 -1.0 T__ 181.7 --- ML 2.5 270194 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A267A 1.28 42.2 Sn 22:43:17.648 -1.2 T__ --- 270193 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/22 23:34:58.13 2.58 0.55 46.5615 17.1872 12.4 6.3 160 21.5 16.6 10 7 155 0.12 1.07 ke BUD 18004394 BUD 238

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Magnitude Err Nsta Author OrigID
ML 1.5 0.5 4 BUD 18004394

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A263A 0.12 48.0 Pg 23:35:02.525 -0.2 T__ 120.9 --- ML 0.7 270247 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A263A 0.12 48.0 Lg 23:35:05.951 -0.0 T__ --- 270248 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
BEHE 0.30 252.3 Lg 23:35:10.449 0.4 T__ 270249 FDSN HU -- BUD iLoc HHN ??? _
A264A 0.41 169.9 Pg 23:35:06.989 0.0 T__ 110.3 --- ML 1.5 270251 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A264A 0.41 169.9 Lg 23:35:12.595 -0.4 T__ --- 270250 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A265A 0.44 107.8 Lg 23:35:15.051 0.9 T__ 270252 FDSN ZJ 00 BUD iLoc HHN ??? _
A273A 0.78 145.7 Pg 23:35:13.113 -0.4 T__ 163.6 --- ML 2.1 270254 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOVH 0.79 126.5 Pg 23:35:13.857 -0.0 T__ 37.5 --- ML 1.5 270255 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.79 126.5 Sn 23:35:25.432 0.3 T__ --- 270253 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 1.07 108.5 Lg 23:35:33.477 -0.6 T__ --- 270256 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
2022/10/22 23:51:24.40 0.80 0.51 46.5191 17.2255 3.7 3.4 62 9.3 5.7 17 12 88 0.14 1.38 ke BUD 18004396 BUD 136

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 6 BUD 18004396

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A263A 0.14 26.8 Pg 23:51:27.838 0.0 T__ 283.4 --- ML 1.1 270294 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A263A 0.14 26.8 Lg 23:51:30.696 0.4 T__ --- 270301 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
BEHE 0.31 261.2 Lg 23:51:35.308 -0.4 T__ 270295 FDSN HU -- BUD iLoc HHN ??? _
BADH 0.33 30.6 Lg 23:51:35.879 -0.5 T__ --- 270302 FDSN HU -- BUD iLoc HHN ??? _
A264A 0.36 172.9 Pg 23:51:31.611 -0.4 T__ 148.9 --- ML 1.5 270296 FDSN ZJ 00 BUD iLoc HHZ HHZ _

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A264A 0.36 172.9 Lg      23:51:37.253 0.1      T__          ---          270303      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A265A 0.41 103.3 Pg      23:51:32.989 0.2      T__      138.8      --- ML      1.6 270297      FDSN ZJ      00 BUD      iLoc HHZ HHZ _
A265A 0.41 103.3 Lg      23:51:38.814 0.2      T__          ---          270304      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A261A 0.44 353.1 Pg      23:51:33.072 -0.3     T__      85.0      --- ML      1.4 270298      FDSN ZJ      00 BUD      iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOGS 0.68 264.3 Pg      23:51:37.824 0.1      T__      91.9      --- ML      1.8 270299      FDSN SL      -- BUD      iLoc BHZ BHZ _
KOGS 0.68 264.3 Lg      23:51:47.264 0.6      T__          ---          270305      FDSN SL      -- BUD      iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
KOVH 0.74 125.1 Pg      23:51:38.778 -0.4     T__      40.1      --- ML      1.5 270300      FDSN HU      -- BUD      iLoc HHZ HHZ _
KOVH 0.74 125.1 Lg      23:51:49.459 0.4      T__          ---          270306      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
EGYH 0.90 4.6 Sn         23:51:56.637 0.3      T__          ---          270307      FDSN HU      -- BUD      iLoc HHN ??? _
MORH 1.03 106.7 Lg      23:51:58.363 0.1      T__          ---          270308      FDSN HU      -- BUD      iLoc HHN ??? _
HU08A 1.03 27.4 Lg       23:51:58.072 -1.1     T__          ---          270309      FDSN ZJ      00 BUD      iLoc HHN ??? _
ARSA 1.38 302.7 Sn      23:52:08.848 0.7      T__          ---          270310      FDSN OE      -- 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
2022/10/23 07:00:33.50 0.96 0.78 46.5500 17.1992 11.5 5.2 179 14.0f 7 6 139 0.12 1.05 ke BUD 18004402 BUD 205

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A263A 0.12 41.3 Pg 07:00:36.810 -0.3 T__ 252.9 --- ML 1.0 270443 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A263A 0.12 41.3 Lg 07:00:40.353 0.6 T__ --- 270442 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
BEHE 0.30 254.9 Lg 07:00:44.661 -0.1 T__ --- 270444 FDSN HU -- BUD iLoc HHN ??? _
A265A 0.43 106.7 Lg 07:00:49.447 0.8 T__ --- 270446 FDSN ZJ 00 BUD iLoc HHN ??? _
KOGS 0.66 261.5 Lg 07:00:56.385 1.0 T__ --- 270447 FDSN SL -- BUD iLoc BHN ??? _
KOVH 0.78 126.2 Lg 07:00:59.077 -0.1 T__ --- 270448 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.05 108.0 Sn 07:01:07.885 -0.4 T__ --- 270445 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
2022/10/24 05:20:00.14 0.80 1.01 48.1693 22.1430 5.3 4.3 21 10.8 8.0 23 13 78 0.24 1.55 ke BUD 18004408 BUD 141

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Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 8 BUD 18004408

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU07A 0.24 219.3 Pg 05:20:06.458 1.0 T__ 731.7 --- ML 1.8 270575 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU07A 0.24 219.3 Lg 05:20:12.018 2.0 T__ --- 270574 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

TRPA	0.27	98.2	Pg	05:20:05.044	-0.7	T__	452.8	---	ML	1.7	270572	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.27	98.2	Lg	05:20:08.531	-2.1	T__		---			270573	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
ABAH	0.62	282.2	Pg	05:20:12.279	-0.1	T__	85.2	---	ML	1.8	270564	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.62	282.2	Lg	05:20:21.227	-0.5	T__		---			270563	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KOLS	0.77	6.4	Pg	05:20:15.577	0.8	T__		---			270576	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.77	6.4	Lg	05:20:26.405	0.1	T__		---			270577	FDSN	SK	--	BUD	iLoc	HNN	???	_
HU05A	0.92	228.0	Pg	05:20:18.613	-0.2	T__	202.1	---	ML	2.3	270565	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.92	228.0	Lg	05:20:32.801	1.3	T__		---			270580	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
MEZ	0.98	68.8	Pg	05:20:18.822	-0.3	T__		---			270579	FDSN	UA	--	BUD	iLoc	BHZ	???	_
MEZ	0.98	68.8	Lg	05:20:31.759	-1.0	T__		---			270578	FDSN	UA	--	BUD	iLoc	BHN	???	_
BMR	1.04	118.1	Pn	05:20:20.346	-0.3	T__	167.3	---	ML	2.3	270582	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BMR	1.04	118.1	Lg	05:20:33.420	-1.4	T__		---			270581	FDSN	RO	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
HU02A	1.08	268.1	Pn	05:20:20.674	-0.7	T__	41.7	---	ML	1.7	270567	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.08	268.1	Sn	05:20:36.340	-0.1	T__		---			270566	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
JOS	1.12	287.6	Pg	05:20:21.408	-0.6	T__	73.8	---	ML	2.0	270568	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.12	287.6	Sn	05:20:37.439	0.3	T__		---			270569	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
KECS	1.15	286.5	Pn	05:20:21.881	-0.3	T__	135.1	---	ML	2.3	270571	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.15	286.5	Sn	05:20:38.351	0.4	T__		---			270570	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
DRGR	1.43	164.2	Sn	05:20:45.787	0.8	T__		---			270583	FDSN	RO	--	BUD	iLoc	HNN	???	_
PSZ	1.53	261.4	Sn	05:20:48.498	1.1	T__		---			270584	FDSN	GE	--	BUD	iLoc	HNN	???	_
ET1H	1.55	260.1	Lg	05:20:52.368	0.6	T__		---			270585	FDSN	HU	--	BUD	iLoc	HNN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/10/24 06:08:28.84 1.03 1.52 47.3516 18.2229 7.3 4.9 168 5.0f 6 4 157 0.03 0.75 ke BUD 18004410 BUD 225

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.03	65.8	Pg	06:08:30.613	0.4					T__		1226.6		_c	ML	1.5	270616	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	65.8	Lg	06:08:31.109	-0.4					T__						270619	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU08A	0.22	291.5	Pg	06:08:34.587	1.1					T__		224.5		---	ML	1.3	270617	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.22	291.5	Lg	06:08:35.176	-2.1					T__						270620	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU09A	0.31	20.6	Lg	06:08:39.814	-0.6					T__						270618	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
BADH	0.75	223.4	Lg	06:08:53.400	-0.7					T__						270621	FDSN	HU	--	BUD	iLoc	HNN	???	_	



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/24	09:07:13.21	0.40	0.83	47.5654	18.4315	6.1	3.6	123	0.0A	0.0	8	5	138	0.08	1.02	m	kx BUD	18004412	BUD			360
2022/10/24	09:07:10.94	0.95	0.56	47.5577	18.4810f				0.0f		8	5	147	0.10	0.99		kx BUD_GT	18004413	BUD_GT			203

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	18004413

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.10	320.5	Pg	09:07:14.059	0.5					T__		1359.8		---	ML	1.7	270702	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	320.5	Lg	09:07:15.429	-0.7					T__				---		270705	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
CSKK	0.25	217.6	Pg	09:07:16.588	0.2					T__		306.1		---	ML	1.5	270703	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	217.6	Lg	09:07:20.076	-1.0					T__				---		270706	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU08A	0.40	251.7	Lg	09:07:26.137	-0.0					T__				---		270707	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.97	14.1	Pn	09:07:31.332	0.5					T__		18.0		---	ML	1.3	270704	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	14.1	Lg	09:07:44.424	-0.3					T__				---		270708	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
ET1H	0.99	70.6	Sn	09:07:47.258	0.2					T__				---		270709	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
2022/10/24	09:27:15.63	0.84	0.43	47.7897	16.1526	8.2	3.4	28	6.6	8.9	10	7	86	0.13	1.61	ke	BUD	18004414	BUD			172

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	
RONA	0.13	132.8	Pg	09:27:18.761	-0.0					T__				_c_		270737	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.13	132.8	Lg	09:27:20.906	-0.1					T__				---		270736	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.24	305.4	Pg	09:27:20.687	-0.1					T__		59.6		---	ML	0.7	270734	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.24	305.4	Lg	09:27:24.376	0.1					T__				---		270735	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																									
SOP	0.29	111.1	Pg	09:27:21.765	0.0					T__		58.3		---	ML	0.9	270738	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.29	111.1	Lg	09:27:26.119	0.2					T__				---		270739	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
ARSA	0.69	218.6	Lg	09:27:37.787	0.1					T__				---		270740	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.95	51.8	Sn	09:27:48.743	-0.7					T__				---		270741	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TREC	1.57	343.9	Sn	09:28:05.343	0.7					T__				---		270742	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.61	310.6	Sn	09:28:05.255	-0.2					T__				---		270743	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/25	06:45:13.41	3.10	0.52	46.8752	22.8365	26.4	9.9	170	0.0f		7	4	289	0.12	1.57	sx	BUD	18004418	BUD			315

Magnitude Err Nsta Author OrigID  
ML 1.6 0.7 3 BUD 18004418

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.12	225.9	Pg	06:45:16.508	0.3					T__		321.9		---	ML	1.1	270918	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.12	225.9	Lg	06:45:18.084	-0.5					T__				---		270919	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
GZR	1.48	181.6	Pn	06:45:41.016	-0.4					T__		20.7		---	ML	1.6	270921	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.48	181.6	Sn	06:46:02.169	0.7					T__				---		270920	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
BZS	1.52	214.4	Sn	06:46:02.067	-0.2					T__				---		270922	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.57	155.2	Pn	06:45:42.338	-0.3					T__		76.9		---	ML	2.3	270924	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.57	155.2	Sn	06:46:03.796	0.1					T__				---		270923	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/25	08:09:19.59	2.88	1.23	45.7749	18.4133	19.7	7.3	175	0.0f		7	5	238	0.38	1.07	sx	BUD	18004420	BUD			276

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.38	325.2	Pg	08:09:28.064	0.2					T__		49.4		---	ML	1.1	270964	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.38	325.2	Lg	08:09:33.012	-0.8					T__				---		270963	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MORH	0.47	20.0	Pg	08:09:29.506	0.1					T__		42.7		---	ML	1.2	270961	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.47	20.0	Lg	08:09:35.806	-1.2					T__				---		270962	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A266A	0.76	352.2	Lg	08:09:48.384	1.8					T__				---		270966	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A264A	0.87	296.6	Lg	08:09:48.583	-0.7					T__				---		270967	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU21A	1.07	58.2	Sn	08:09:57.805	0.3					T__				---		270965	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/25	08:30:35.95	1.17	0.33	47.9226	20.4687	15.9	3.8	135	0.0A	0.0	10	5	253	0.20	0.58	m	kx	BUD	18004422	BUD			360
2022/10/25	08:30:35.48	0.93	0.89	47.9590	20.3545f				0.0f		10	5	221	0.20	0.55		kx	BUD_GT	18004423	BUD_GT			243

(locality : Eger-III. Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
ML 1.1 0.2 5 BUD 18004423

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	08:30:39.723	-0.4					T__		161.0		---	ML	1.1	270994	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	08:30:42.507	-1.5					T__				---		270999	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									

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(Station ML: 1.1 magdef=1
PSZ 0.31 262.7 Pg 08:30:43.018 0.4 T__ 43.9 ___ ML 0.8 270997 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.31 262.7 Lg 08:30:48.021 0.0 T__ ___ 271000 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
ET1H 0.33 256.4 Pg 08:30:44.223 1.3 T__ 34.4 ___ ML 0.8 270998 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.33 256.4 Lg 08:30:48.642 0.3 T__ ___ 271001 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
KECS 0.53 9.4 Pg 08:30:46.825 0.6 T__ 98.1 ___ ML 1.8 270995 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.53 9.4 Lg 08:30:53.947 -0.5 T__ ___ 271002 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 0.55 12.9 Pg 08:30:47.072 0.5 T__ 23.0 ___ ML 1.2 270996 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 12.9 Lg 08:30:53.682 -1.4 T__ ___ 271003 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/25 09:03:28.60 0.94 0.80 48.5385 19.3710 6.0 3.4 6 0.0f 13 7 131 0.36 1.07 sx BUD 18004424 BUD 241

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 18004424

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Sta 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 0.36 263.1 Pg 09:03:36.317 0.3 T__ 20.3 ___ ML 0.6 271082 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.36 263.1 Lg 09:03:40.973 -0.5 T__ ___ 271083 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
PSZ 0.71 150.4 Pg 09:03:45.009 1.2 T__ 43.5 ___ ML 1.5 271078 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.71 150.4 Lg 09:03:54.065 -0.6 T__ ___ 271077 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.74 152.9 Pg 09:03:44.041 -0.1 T__ 27.8 ___ ML 1.4 271079 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.74 152.9 Lg 09:03:55.216 0.1 T__ ___ 271080 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.74 93.9 Pg 09:03:43.931 0.5 T__ 114.5 ___ ML 2.0 271075 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.74 93.9 Lg 09:03:53.937 -0.6 T__ ___ 271074 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 0.78 92.7 Pg 09:03:44.625 0.6 T__ 43.4 ___ ML 1.6 271072 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.78 92.7 Lg 09:03:55.398 -0.3 T__ ___ 271073 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.88 118.0 Pg 09:03:46.926 0.3 T__ 44.3 ___ ML 1.6 271076 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.88 118.0 Lg 09:03:58.429 -1.7 T__ ___ 271084 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 1.07 34.4 Lg 09:04:04.199 -0.2 T__ ___ 271081 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
2022/10/25	10:00:31.55	0.82	0.73	48.1296	16.9530	5.6	3.1	136	0.0f	15	11	87	0.12	1.52	sx	BUD	18004426	BUD				152

Magnitude	Err	Nsta	Author	OrigID

Sta	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	56.3	Pg	10:00:35.034	0.5					T__						271121	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.12	56.3	Lg	10:00:36.933	-0.3					T__						271126	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.33	41.5	Pg	10:00:38.719	0.1					T__						271119	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.33	41.5	Lg	10:00:43.284	-1.1					T__						271120	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.62	226.0	Pg	10:00:43.806	-0.1					T__						271124	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.62	226.0	Lg	10:00:51.803	-0.4					T__						271123	FDSN	OE	--	BUD	iLoc	HHN	???	_
EGYH	0.76	160.1	Lg	10:00:58.075	0.0					T__						271128	FDSN	HU	--	BUD	iLoc	HHN	???	_
CONA	0.76	255.0	Pg	10:00:47.801	1.2					T__		26.0				271127	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.76	255.0	Lg	10:00:55.233	-1.4					T__						271125	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
JAVC	0.87	32.9	Lg	10:01:03.386	0.5					T__						271129	FDSN	CZ	--	BUD	iLoc	HHN	???	_
KRUC	1.00	338.6	Lg	10:01:06.158	0.5					T__						271122	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	1.20	348.7	Lg	10:01:11.840	-0.2					T__						271130	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ARSA	1.31	228.2	Lg	10:01:13.805	0.7					T__						271131	FDSN	OE	--	BUD	iLoc	HHN	???	_
VYHS	1.31	73.1	Sn	10:01:15.116	-0.2					T__						271132	FDSN	SK	--	BUD	iLoc	HHN	???	_
TREC	1.52	320.8	Sn	10:01:19.732	-0.7					T__						271133	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/25	11:09:56.41	0.93	0.92	48.6578	21.4661	5.6	4.5	179	0.0f	16	10	107	0.39	1.37	sx	BUD	18004428	BUD				166

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	18004428

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
ABAH	0.39	202.7	Pg	11:10:05.368	0.9					T__		86.6				271164	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	202.7	Lg	11:10:10.371	-0.9					T__						271169	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
KOLS	0.60	62.4	Lg	11:10:17.238	-0.6					T__						271170	FDSN	SK	--	BUD	iLoc	HHN	???	_
JOS	0.64	255.6	Pg	11:10:09.129	0.0					T__		51.3				271166	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	255.6	Lg	11:10:18.624	-0.1					T__						271165	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KECS	0.67	255.3	Pg	11:10:09.531	-0.3					T__		133.0				271168	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.67	255.3	Lg	11:10:19.866	-0.1					T__						271171	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
HU02A	0.83	229.8	Pg	11:10:13.219	-0.2					T__		43.3				271167	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	229.8	Lg	11:10:24.650	-1.5					T__						271172	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
TRPA	0.89	126.0	Pg	11:10:13.345	-0.3					T__		510.8				271173	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	126.0	Lg	11:10:26.127	-2.0					T__						271174	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																								
(Station ML: 2.7 magdef=0)																								

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NIE 1.08 315.2 Pg 11:10:17.425 0.6 T__ 21.4 --- ML 1.4 271176 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.08 315.2 Lg 11:10:32.106 -0.8 T__ --- 271175 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 1.28 235.4 Sn 11:10:39.741 0.1 T__ --- 271177 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.32 234.4 Sn 11:10:40.895 0.5 T__ --- 271178 FDSN HU -- BUD iLoc HHN ??? _
MEZ 1.37 95.3 Sn 11:10:42.509 0.9 T__ --- 271179 FDSN UA -- 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
2022/10/26 07:58:15.49 0.32 0.65 46.8488 17.2735 5.0 2.6 48 0.0A 0.0 13 10 142 0.14 1.44 m kx BUD 18004432 BUD 360
2022/10/26 07:58:14.25 0.91 1.25 46.8548 17.2699f 0.0f 13 10 147 0.13 1.44 kx BUD_GT 18004433 BUD_GT 175
(locality : Várvolgy Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 2.0 0.3 3 BUD 18004433

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A261A 0.13 319.5 Pg 07:58:18.610 1.1 T__ 6125.3 --- ML 2.4 271253 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A261A 0.13 319.5 Lg 07:58:20.186 0.0 T__ --- 271254 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
BADH 0.15 109.5 Lg 07:58:20.415 -0.3 T__ --- 271255 FDSN HU -- BUD iLoc HHE ??? _
A263A 0.22 171.8 Lg 07:58:21.954 -1.0 T__ --- 271262 FDSN ZJ 00 BUD iLoc HHE ??? _
MPLH 0.37 30.2 Pg 07:58:22.271 0.1 T__ 499.8 --- ML 2.0 271256 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.37 30.2 Lg 07:58:26.784 -1.5 T__ --- 271263 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TIH 0.43 83.7 Lg 07:58:28.818 -1.4 T__ --- 271264 FDSN HU -- BUD iLoc HHN ??? _
A266A 0.76 115.3 Lg 07:58:41.211 0.3 T__ --- 271257 FDSN ZJ 00 BUD iLoc HHE ??? _
KOVH 0.96 142.9 Pg 07:58:33.177 -0.4 T__ 63.1 --- ML 1.8 271259 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.96 142.9 Lg 07:58:45.686 -1.5 T__ --- 271258 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
RONA 1.07 322.3 Lg 07:58:49.042 -0.9 T__ --- 271260 FDSN OE -- BUD iLoc HHN ??? _
MORH 1.14 123.5 Sn 07:58:52.093 -1.0 T__ --- 271261 FDSN HU -- BUD iLoc HHE ??? _
CONA 1.44 318.8 Lg 07:59:04.005 2.8 T__ --- 271265 FDSN OE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/26 08:14:59.51 0.81 1.35 48.7781 21.6497 5.6 3.4 158 0.0f 19 12 77 0.44 1.88 sx BUD 18004434 BUD 108

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```

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 6 BUD 18004434

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Sta 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 0.44 69.1 Pg 08:15:07.559 -0.6 T__ --- 271312 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.44 69.1 Lg 08:15:14.972 -0.5 T__ --- 271321 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.55 209.6 Lg 08:15:19.683 -0.3 T__ --- 271307 FDSN HU -- BUD iLoc HHN ??? _
JOS 0.79 249.4 Pg 08:15:15.812 0.7 T__ 108.6 --- ML 2.0 271303 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.79 249.4 Lg 08:15:25.636 -1.3 T__ --- 271319 FDSN ZJ -- BUD iLoc HHN ??? _

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```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KECS 0.83 249.5 Pg 08:15:16.177 0.2 T__ 236.1 ___ ML 2.3 271305 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.83 249.5 Lg 08:15:26.731 -1.5 T__ ___ 271304 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
TRPA 0.88 137.3 Pg 08:15:17.054 0.5 T__ 81.0 ___ ML 1.9 271313 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.88 137.3 Lg 08:15:31.844 1.0 T__ ___ 271314 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 1.00 229.2 Pg 08:15:18.259 -1.7 T__ 63.9 ___ ML 1.9 271306 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.00 229.2 Lg 08:15:32.976 -1.9 T__ ___ 271315 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.09 306.3 Pg 08:15:20.121 -0.0 T__ 28.1 ___ ML 1.6 271311 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.09 306.3 Lg 08:15:34.437 -1.9 T__ ___ 271310 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
KWP 1.10 38.7 Pg 08:15:20.948 0.6 T__ 87.7 ___ ML 2.1 271316 FDSN PL -- BUD iLoc HHZ HHZ _
KWP 1.10 38.7 Lg 08:15:37.235 0.8 T__ ___ 271320 FDSN PL -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MEZ 1.26 101.4 Sn 08:15:41.465 -0.7 T__ ___ 271317 FDSN UA -- BUD iLoc BHN ??? _
PSZ 1.45 234.3 Sn 08:15:49.336 2.5 T__ ___ 271308 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.49 233.5 Sn 08:15:49.774 2.1 T__ ___ 271309 FDSN HU -- BUD iLoc HHN ??? _
OJC 1.88 320.8 Sn 08:15:57.998 0.6 T__ ___ 271318 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
2022/10/26 08:58:31.86 1.16 1.27 48.9751 21.3518 8.4 5.0 156 0.0f 10 6 150 0.61 1.02 sx BUD 18004436 BUD 243

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 4 BUD 18004436

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOLS 0.61 93.6 Pg 08:58:43.770 0.2 T__ 271359 FDSN SK -- BUD iLoc HHZ ??? _
ABAH 0.68 186.3 Pg 08:58:46.392 0.9 T__ 53.8 ___ ML 1.6 271361 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.68 186.3 Lg 08:58:56.325 -0.4 T__ ___ 271360 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.72 228.6 Pg 08:58:47.309 1.2 T__ 32.3 ___ ML 1.4 271354 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.72 228.6 Lg 08:58:57.151 0.3 T__ ___ 271355 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.76 229.7 Pg 08:58:47.620 0.7 T__ 95.9 ___ ML 1.9 271356 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.76 229.7 Lg 08:58:55.982 -2.1 T__ ___ 271362 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 0.82 303.1 Lg 08:58:58.497 -0.5 T__ 271358 FDSN PL -- BUD iLoc BHN ??? _
HU02A 1.02 213.1 Pg 08:58:51.290 -1.3 T__ 34.6 ___ ML 1.6 271357 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.02 213.1 Lg 08:59:06.226 -1.2 T__ ___ 271363 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/26	09:16:15.82	0.31	0.59	47.2398	18.2600	4.0	3.0	104	0.0A	0.0	12	10	106	0.12	1.67	m	kx BUD	18004438	BUD			360
2022/10/26	09:16:13.77	0.94	0.91	47.2302	18.2835f				0.0f		12	10	107	0.13	1.68		kx BUD_GT	18004439	BUD_GT			128

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.13	353.3	Pg	09:16:17.665	0.6					T__		386.5		---	ML	1.3	271415	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:16:18.931	-1.3					T__				---		271424	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU08A	0.32	309.6	Lg	09:16:24.729	-1.6					T__				---		271421	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TIH	0.42	219.1	Lg	09:16:28.523	-0.9					T__				---		271422	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.51	263.5	Pg	09:16:25.407	1.0					T__		56.9		---	ML	1.5	271418	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	09:16:31.632	-0.8					T__				---		271423	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	1.05	166.2	Lg	09:16:49.646	-0.2					T__				---		271420	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.15	186.4	Lg	09:16:53.851	0.1					T__				---		271419	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.26	58.3	Sn	09:16:55.282	-0.9					T__				---		271425	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.29	57.1	Sn	09:16:58.142	0.6					T__				---		271426	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MODS	1.33	329.7	Sn	09:16:57.911	-0.6					T__				---		271416	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	1.68	346.1	Sn	09:17:08.514	0.7					T__				---		271417	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/27	08:29:18.36	0.96	0.86	48.5156	17.4523	9.5	3.4	129	0.0f		6	4	141	0.18	1.22		sx BUD	18004440	BUD			209

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.18	219.4	Pg	08:29:22.751	0.1					T__				---		271471	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.18	219.4	Lg	08:29:25.197	-1.0					T__				---		271473	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.37	22.7	Pg	08:29:26.512	0.1					T__		95.0		---	ML	1.3	271472	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	22.7	Lg	08:29:32.026	-0.6					T__				---		271474	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
VYHS	0.92	90.8	Lg	08:29:50.438	0.1					T__				---		271475	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	1.22	241.7	Lg	08:29:58.840	0.9					T__				---		271476	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/27	08:57:37.97	0.93	0.46	48.4981	19.3950	5.8	3.5	5	0.0f		12	8	123	0.37	1.10		sx BUD	18004442	BUD			225

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	18004442

Sta	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	269.6	Pg	08:57:45.757	0.1	T__					25.9	---	ML	0.7	271507	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.37	269.6	Lg	08:57:51.052	-0.3	T__									271506	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																							
(Station ML: 0.7 magdef=1)																							
HU03A	0.61	167.0	Lg	08:58:00.362	0.4	T__									271508	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.67	149.9	Lg	08:58:02.300	-0.3	T__									271505	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.70	152.6	Lg	08:58:03.197	0.1	T__									271509	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.73	90.8	Pg	08:57:52.732	0.3	T__					117.7	---	ML	2.0	271503	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.73	90.8	Lg	08:58:03.286	-0.1	T__									271510	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
JOS	0.76	89.7	Pg	08:57:53.280	0.2	T__					54.4	---	ML	1.7	271501	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.76	89.7	Lg	08:58:04.637	0.1	T__									271502	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
HU02A	0.84	116.1	Pg	08:57:55.252	-0.1	T__					29.7	---	ML	1.4	271504	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	116.1	Lg	08:58:07.194	-1.2	T__									271511	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
NIE	1.10	32.6	Lg	08:58:14.693	0.0	T__									271512	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
2022/10/27	09:12:46.06	0.95	1.21	48.2210	21.2304	5.6	3.6	155	0.0f		16	9	154	0.08	1.55	sx	BUD	18004444	BUD			171

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	18004444

Sta	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	0.08	4.7	Pg	09:12:48.031	-0.1					T__		19396.7			ML	2.8	271549	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.08	4.7	Lg	09:12:49.547	-0.6					T__						271555	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
HU02A	0.48	258.4	Pg	09:12:57.048	0.7					T__		73.9			ML	1.5	271550	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	258.4	Lg	09:13:02.782	-1.4					T__						271551	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.54	301.1	Pg	09:12:57.504	0.7					T__		101.2			ML	1.8	271552	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	301.1	Lg	09:13:04.251	-0.8					T__						271561	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.56	298.1	Pg	09:12:57.956	0.6					T__		137.9			ML	2.0	271553	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.56	298.1	Lg	09:13:05.032	-0.9					T__						271556	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
TRPA	0.88	95.4	Pg	09:13:02.793	-0.4					T__		79.6			ML	1.9	271554	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.88	95.4	Lg	09:13:16.378	-1.4					T__						271562	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	0.95	251.8	Lg	09:13:19.076	-1.1					T__						271563	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	249.9	Pg	09:13:06.571	0.1					T__		36.3			ML	1.6	271559	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	249.9	Lg	09:13:20.010	-0.7					T__						271558	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									



```

(Station ML: 1.6 magdef=1
KOLS 0.99 43.8 Pg 09:13:06.486 1.4 T__ --- 271557 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.99 43.8 Lg 09:13:18.683 -2.5 T__ --- 271564 FDSN SK -- BUD iLoc HHN ??? _
MEZ 1.55 78.3 Sn 09:13:37.064 1.3 T__ --- 271560 FDSN UA -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/27 09:35:55.69 0.73 1.40 48.8500 20.5038 5.9 3.2 79 0.0f 20 15 98 0.36 2.15 sx BUD 18004446 BUD 130

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 6 BUD 18004446

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.36 176.2 Pg 09:36:03.542 0.7 T__ 273.1 --- ML 1.7 271609 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.36 176.2 Lg 09:36:09.312 1.0 T__ --- 271610 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.37 181.9 Pg 09:36:03.432 0.3 T__ 616.5 --- ML 2.1 271611 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.37 181.9 Lg 09:36:09.093 0.3 T__ --- 271613 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
NIE 0.58 346.8 Pg 09:36:07.231 0.5 T__ 38.3 --- ML 1.4 271615 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.58 346.8 Lg 09:36:13.969 -1.2 T__ --- 271614 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU02A 0.73 178.9 Pg 09:36:11.065 0.3 T__ 126.3 --- ML 2.0 271612 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.73 178.9 Lg 09:36:21.034 -1.0 T__ --- 271617 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.74 138.3 Pg 09:36:11.320 0.9 T__ 91.1 --- ML 1.9 271616 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.02 203.8 Sn 09:36:30.630 -1.7 T__ --- 271619 FDSN GE -- BUD iLoc HHN ??? _
HU11A 1.03 154.2 Lg 09:36:29.572 -1.8 T__ --- 271618 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.06 203.7 Sn 09:36:31.255 -2.0 T__ --- 271620 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.16 252.8 Sn 09:36:33.606 -2.2 T__ --- 271623 FDSN SK -- BUD iLoc HHN ??? _
KOLS 1.17 85.3 Pn 09:36:19.276 -0.1 T__ --- 271622 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.17 85.3 Lg 09:36:33.664 -1.6 T__ --- 271621 FDSN SK -- BUD iLoc HHN ??? _
HU10A 1.41 225.1 Sn 09:36:43.157 1.3 T__ --- 271625 FDSN ZJ 00 BUD iLoc HHN ??? _
OJC 1.45 341.7 Sn 09:36:42.927 0.1 T__ --- 271624 FDSN PL -- BUD iLoc BHN ??? _
TRPA 1.53 117.2 Pg 09:36:25.987 0.9 T__ 69.7 --- ML 2.2 271626 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JAVC 1.87 271.3 Lg 09:36:58.141 0.0 T__ --- 271627 FDSN CZ -- BUD iLoc HHN ??? _
MORC 2.15 296.7 Lg 09:37:07.234 2.9 T__ --- 271628 FDSN CZ -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/27 11:45:00.32 0.72 1.01 47.3209 18.4060 4.2 3.6 149 0.0f 22 16 102 0.11 1.64 sx BUD 18004448 BUD 121

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 18004448

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	293.2	Pg	11:45:02.647	-0.5					T__		5934.9		---	ML	2.4	271675	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	293.2	Lg	11:45:05.541	-0.3					T__				---		271676	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.4 magdef=1)		(Station ML: 2.4 magdef=0)																			
HU09A	0.32	357.1	Lg	11:45:12.217	-0.8					T__				---		271690	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.35	288.8	Pg	11:45:08.638	0.9					T__		301.0		---	ML	1.7	271692	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.35	288.8	Lg	11:45:12.947	-0.9					T__				---		271691	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)		(Station ML: 1.7 magdef=1)																			
BUD	0.45	68.6	Lg	11:45:16.323	-1.4					T__				---		271680	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SR0	0.50	352.8	Lg	11:45:20.432	1.3					T__				---		271677	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.61	256.0	Pg	11:45:14.114	1.3					T__		119.2		---	ML	1.9	271679	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.61	256.0	Lg	11:45:21.527	-0.7					T__				---		271678	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)		(Station ML: 1.9 magdef=1)																			
HU10A	0.67	38.1	Lg	11:45:25.088	-0.1					T__				---		271681	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.12	171.5	Lg	11:45:37.999	-0.8					T__				---		271693	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.14	60.1	Pn	11:45:23.319	-0.2					T__		36.2		---	ML	1.7	271695	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.14	60.1	Sn	11:45:39.679	-0.2					T__				---		271694	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)		(Station ML: 1.7 magdef=1)																			
PSZ	1.17	58.8	Pn	11:45:24.065	0.0					T__		54.2		---	ML	1.9	271685	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.17	58.8	Sn	11:45:40.864	0.1					T__				---		271684	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)		(Station ML: 1.9 magdef=1)																			
VYHS	1.21	13.7	Pn	11:45:24.503	-0.0					T__		22.2		---	ML	1.5	271683	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.21	13.7	Sn	11:45:40.702	-0.9					T__				---		271696	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)		(Station ML: 1.5 magdef=0)																			
KOVH	1.25	189.8	Sn	11:45:42.780	0.2					T__				---		271688	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.30	324.6	Sn	11:45:42.178	-1.7					T__				---		271682	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	1.48	285.6	Sn	11:45:47.583	-0.7					T__				---		271686	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	1.62	342.5	Sn	11:45:53.038	1.3					T__				---		271689	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
HU02A	1.64	60.0	Sn	11:45:54.449	2.1					T__				---		271687	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/10/27 12:33:52.45 1.42 0.87 47.9263 20.1285 18.4 3.3 153 0.0f 8 4 201 0.16 0.63 sx BUD 18004450 BUD 229

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 4 BUD 18004450

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.16	267.2	Pg	12:33:56.923	0.5					T__		344.5		---	ML	1.3	271727	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.16	267.2	Lg	12:33:58.639	-1.1					T__				---		271730	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)		(Station ML: 1.3 magdef=1)																			
ET1H	0.18	254.8	Pg	12:33:57.041	0.3					T__		398.8		---	ML	1.4	271728	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.18	254.8	Lg	12:33:59.634	-0.4					T__				---		271731	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)		(Station ML: 1.4 magdef=1)																			

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HU02A 0.33 53.5 Pg      12:34:00.109  0.4      T__      65.2      ___ ML      1.0 271729      FDSN ZJ      00 BUD      iLoc HHZ HHZ _
HU02A 0.33 53.5 Lg      12:34:04.236 -1.2      T__      ___      ___      271732      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
JOS   0.63 25.6 Pg      12:34:05.793  0.6      T__      23.9      ___ ML      1.2 271734      FDSN ZJ      -- BUD      iLoc HHZ HHZ _
JOS   0.63 25.6 Lg      12:34:14.630 -0.2      T__      ___      ___      271733      FDSN ZJ      -- BUD      iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

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Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/27 16:18:36.59 0.79 0.49 47.6956 16.0040 4.2 3.6 18 6.9 6.8 17 11 99 0.20 1.60 ke BUD 18004456 BUD 143

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Magnitude Err Nsta Author OrigID
ML 1.6 0.4 4 BUD 18004456

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.20 88.7 Pg 16:18:41.091 0.2 T__ ___ 272000 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.20 88.7 Lg 16:18:43.976 -0.0 T__ ___ 272001 FDSN OE -- BUD iLoc HHN ??? _
CONA 0.25 337.7 Pg 16:18:42.101 0.2 T__ ___ 150.2 ___ ML 1.2 272003 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 337.7 Lg 16:18:45.954 0.3 T__ ___ 272002 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
SOP 0.37 91.7 Pg 16:18:44.375 0.1 T__ ___ 98.4 ___ ML 1.3 272004 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.37 91.7 Lg 16:18:49.268 -0.2 T__ ___ 272005 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ARSA 0.55 216.4 Pg 16:18:47.397 0.0 T__ ___ 125.9 ___ ML 1.9 272007 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.55 216.4 Lg 16:18:53.724 -0.7 T__ ___ 272006 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ZST 0.89 55.5 Lg 16:19:07.077 -0.4 T__ ___ 272009 FDSN SK -- BUD iLoc HHN ??? _
EGYH 0.94 106.7 Sn 16:19:10.334 0.4 T__ ___ 272008 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.09 51.1 Pn 16:18:58.001 -0.3 T__ ___ 272011 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.09 51.1 Sn 16:19:13.485 -0.2 T__ ___ 272010 FDSN SK -- BUD iLoc HHN ??? _
MPLH 1.17 116.2 Sn 16:19:15.830 0.3 T__ ___ 272012 FDSN HU -- BUD iLoc HHN ??? _
KOGS 1.26 172.2 Sn 16:19:19.055 1.3 T__ ___ 272013 FDSN SL -- BUD iLoc BHN ??? _
KRUC 1.39 10.7 Pn 16:19:02.208 -0.2 T__ ___ 37.0 ___ ML 1.8 272015 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.39 10.7 Sn 16:19:20.687 -0.4 T__ ___ 272014 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CKRC 1.60 315.4 Lg 16:19:28.116 0.3 T__ ___ 272016 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/27 16:42:25.54 1.05 0.43 47.6857 16.0207 5.2 5.0 154 12.0 9.8 7 4 132 0.19 1.09 ke BUD 18004458 BUD 250

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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
RONA 0.19 85.6 Pg 16:42:30.219 0.2 T__ ___ 272040 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.19 85.6 Lg 16:42:33.012 -0.2 T__ ___ 272041 FDSN OE -- BUD iLoc HHN ??? _

```

CONA	0.27	336.2	Pg	16:42:31.771	0.4	T__	35.1	---	ML	0.6	272042	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	336.2	Lg	16:42:34.856	-0.6	T__		---			272045	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																			
(Station ML: 0.6 magdef=1)																			
ARSA	0.55	218.0	Pg	16:42:36.390	-0.0	T__	37.5	---	ML	1.4	272043	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.55	218.0	Lg	16:42:43.584	0.0	T__		---			272044	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
MODS	1.09	50.3	Sn	16:43:01.553	-0.1	T__		---			272046	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
2022/10/27	18:05:43.19	1.79	0.44	47.9560	16.4823	20.4	6.2	31	18.6	12.3	7	4	195	0.28	1.49	ke	BUD	18004460	BUD			262

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.28	169.3	Pg	18:05:49.482	-0.2					T__		41.7		---	ML	0.7	272069	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	169.3	Lg	18:05:54.430	0.3					T__				---		272068	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
RONA	0.29	206.1	Pg	18:05:49.519	-0.4					T__				---		272070	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.29	206.1	Lg	18:05:54.777	0.3					T__				---		272071	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.42	266.4	Pg	18:05:51.911	-0.2					T__	30.3			---	ML	0.9	272067	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.42	266.4	Lg	18:05:58.630	0.4					T__				---		272066	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
TREC	1.49	334.1	Sn	18:06:28.190	0.1					T__				---		272072	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/28	03:49:53.07	0.82	0.79	48.5377	17.5341	4.9	2.8	118	4.7	9.1	17	10	76	0.24	1.27	ke	BUD	18004462	BUD			150

Magnitude Err Nsta Author OrigID  
ML 1.4 0.4 4 BUD 18004462

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.24	226.2	Pg	03:49:58.584	0.4					T__				---		272104	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.24	226.2	Lg	03:50:01.396	-0.8					T__				---		272117	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.33	15.7	Pg	03:50:00.136	-0.0					T__	81.8			---	ML	1.1	272107	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.33	15.7	Lg	03:50:04.564	-1.0					T__				---		272108	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ZST	0.45	220.3	Pg	03:50:02.273	0.1					T__				---		272106	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.45	220.3	Lg	03:50:08.408	-0.6					T__				---		272105	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	0.87	92.4	Lg	03:50:23.189	0.2					T__				---		272111	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.92	305.3	Pg	03:50:10.919	0.3					T__	48.1			---	ML	1.7	272109	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.92	305.3	Lg	03:50:22.933	-1.1					T__				---		272118	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VRAC	0.99	321.5	Pg	03:50:12.671	0.9					T__	11.0			---	ML	1.1	272113	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.99	321.5	Lg	03:50:25.745	-0.4					T__				---		272112	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU08A 1.14 166.5 Sn 03:50:31.134 -0.5 T__ --- 272119 FDSN ZJ 00 BUD iLoc HHN ??? _
RONA 1.18 225.1 Pn 03:50:16.762 0.5 T__ --- 272110 FDSN OE -- BUD iLoc HHZ ??? _
RONA 1.18 225.1 Sn 03:50:31.771 -1.0 T__ --- 272120 FDSN OE -- BUD iLoc HHN ??? _
MORC 1.24 0.3 Lg 03:50:34.144 0.9 T__ --- 272116 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.27 242.0 Pn 03:50:17.711 0.1 T__ 41.0 --- ML 1.8 272115 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.27 242.0 Lg 03:50:35.605 1.0 T__ --- 272114 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/28 07:43:06.97 1.57 0.64 46.8688 22.8980 14.3 6.5 175 0.0f 9 6 134 0.15 1.70 sx BUD 18004464 BUD 228

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 3 BUD 18004464

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.15 239.0 Pg 07:43:10.079 -0.3 T__ 1220.2 --- ML 1.8 272164 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.15 239.0 Lg 07:43:12.525 -0.7 T__ --- 272170 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CJR 0.51 107.7 Lg 07:43:24.303 -0.7 T__ --- 272171 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.48 183.3 Pn 07:43:35.313 0.4 T__ 62.7 --- ML 2.1 272167 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.48 183.3 Sn 07:43:54.668 -0.3 T__ --- 272168 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BZS 1.54 215.8 Pn 07:43:36.409 0.8 T__ 41.4 --- ML 2.0 272166 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.54 215.8 Sn 07:43:56.859 0.6 T__ --- 272165 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
LOT 1.54 156.6 Sn 07:43:56.786 0.1 T__ --- 272169 FDSN RO -- BUD iLoc HHN ??? _
MEZ 1.70 14.0 Lg 07:44:03.168 -0.4 T__ --- 272172 FDSN UA -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/28 09:30:19.16 0.81 1.11 48.6034 21.3787 5.7 3.9 149 0.0f 15 10 101 0.32 1.42 sx BUD 18004466 BUD 161

Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 18004466

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.32 196.8 Pg 09:30:25.782 -0.1 T__ 82.6 --- ML 1.1 272206 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.32 196.8 Lg 09:30:32.099 0.5 T__ --- 272205 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
JOS 0.57 259.4 Pg 09:30:30.164 -0.4 T__ 54.4 --- ML 1.6 272207 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.57 259.4 Lg 09:30:38.928 -0.2 T__ --- 272208 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.61 258.9 Lg 09:30:40.462 0.0 T__ --- 272211 FDSN SK -- BUD iLoc EHN ??? _

```

KOLS	0.68	60.5	Pg	09:30:32.698	0.5	T__									272218	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.68	60.5	Lg	09:30:42.558	-0.7	T__									272217	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.75	230.1	Pg	09:30:34.035	-0.6	T__				41.3				ML	1.5	272210	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.75	230.1	Lg	09:30:44.917	-1.3	T__									272209	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)				(Station ML: 1.5 magdef=1)																				
TRPA	0.91	121.0	Lg	09:30:49.080	-2.4	T__									272212	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	1.08	319.3	Pg	09:30:39.147	-0.4	T__				29.9				ML	1.6	272215	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1)				(Station ML: 1.6 magdef=1)																				
PSZ	1.21	235.9	Sn	09:31:01.935	1.5	T__									272213	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.24	234.8	Pn	09:30:44.479	0.7	T__				38.6				ML	1.8	272214	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.24	234.8	Sn	09:31:01.874	0.7	T__									272219	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)				(Station ML: 1.8 magdef=0)																				
MEZ	1.42	92.8	Sn	09:31:04.126	-1.5	T__									272216	FDSN	UA	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/28	09:50:56.88	0.99	0.43	46.1522	18.2998	9.2	3.7	157	0.0f		6	4	170	0.15	1.15	sx	BUD	18004468	BUD			257

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.15	245.4	Pg	09:51:00.684	0.1					T__		509.4			ML	1.4	272247	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	245.4	Lg	09:51:03.670	0.1					T__						272248	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)				(Station ML: 1.4 magdef=1)																					
MORH	0.25	75.2	Pg	09:51:02.647	0.3					T__		171.1			ML	1.2	272244	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	75.2	Lg	09:51:06.244	-0.6					T__						272245	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)				(Station ML: 1.2 magdef=1)																					
A266A	0.37	356.3	Lg	09:51:11.192	0.1					T__						272246	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	1.15	333.1	Sn	09:51:36.230	-0.4					T__						272249	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
2022/10/28	10:13:08.73	1.16	0.60	48.7959	20.0939	6.1	5.6	69	0.0f		11	8	121	0.41	0.93	sx	BUD	18004470	BUD			232

Magnitude Err Nsta Author OrigID  
ML 1.4 0.0 3 BUD 18004470

Sta	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	140.2	Pg	10:13:17.017	0.1					T__		188.8			ML	1.7	272275	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.41	140.2	Lg	10:13:23.061	-0.1					T__						272276	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)				(Station ML: 1.7 magdef=1)																					
JOS	0.42	135.3	Pg	10:13:17.437	0.2					T__		85.4			ML	1.4	272274	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	135.3	Lg	10:13:23.536	-0.1					T__						272282	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)				(Station ML: 1.4 magdef=1)																					
NIE	0.64	12.2	Lg	10:13:29.342	-0.6					T__						272278	FDSN	PL	--	BUD	iLoc	BHN	???	_	

HU02A	0.73	156.8	Pg	10:13:24.595	0.7	T__	33.3	---	ML	1.4	272277	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	156.8	Lg	10:13:34.491	-0.8	T__		---			272283	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
VYHS	0.89	250.6	Lg	10:13:39.640	0.2	T__		---			272281	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	0.89	188.7	Lg	10:13:40.517	-0.2	T__		---			272279	FDSN	GE	--	BUD	iLoc	HHN	???	_
ABAH	0.91	122.9	Lg	10:13:40.871	0.4	T__		---			272284	FDSN	HU	--	BUD	iLoc	HHN	???	_
ET1H	0.93	189.3	Lg	10:13:40.590	-1.1	T__		---			272280	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
2022/10/28	10:18:48.63	1.23	0.67	48.9270	19.3737	8.3	4.6	157	0.0f		11	7	191	0.56	1.11	sx	BUD	18004472	BUD			259

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	4 BUD	18004472

Sta	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	219.6	Pg	10:18:59.835	-0.2					T__		23.0		---	ML	1.2	272321	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.56	219.6	Lg	10:19:08.782	0.5					T__				---		272320	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
NIE	0.78	50.7	Lg	10:19:15.356	0.8					T__				---		272319	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KECS	0.86	120.7	Pg	10:19:05.532	-0.2					T__	130.6			---	ML	2.1	272315	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.86	120.7	Lg	10:19:18.606	0.2					T__				---		272314	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	0.88	118.8	Pg	10:19:05.879	-0.2					T__	35.8			---	ML	1.5	272312	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.88	118.8	Lg	10:19:19.318	0.1					T__				---		272313	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	1.07	160.8	Pn	10:19:10.444	-0.5					T__	49.5			---	ML	1.8	272322	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.07	160.8	Lg	10:19:26.676	-0.0					T__				---		272317	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	1.10	162.3	Lg	10:19:28.867	1.5					T__				---		272318	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	1.11	136.0	Lg	10:19:27.041	0.1					T__				---		272316	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/10/28	10:40:55.86	0.95	0.75	48.3906	17.3321	5.8	3.0	127	0.0f		13	8	134	0.04	1.09	sx	BUD	18004474	BUD					192

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	3 BUD	18004474

Sta	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	245.0	Pg	10:40:57.443	0.1					T__				---		272353	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	245.0	Lg	10:40:58.822	-0.1					T__				---		272359	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.25	218.3	Pg	10:41:00.748	-0.6					T__				---		272354	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.25	218.3	Lg	10:41:04.455	-1.2					T__				---		272355	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.52	25.5	Pg	10:41:06.409	-0.4					T__	124.1			---	ML	1.8	272356	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	25.5	Lg	10:41:14.452	-0.7					T__				---		272360	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									

```

(Station ML: 1.8 magdef=1
KRUC 0.91 317.6 Pg 10:41:13.256 -0.2 T__ 48.0 --- ML 1.7 272358 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.91 317.6 Lg 10:41:27.115 0.2 T__ --- 272361 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
RONA 0.98 225.5 Pg 10:41:16.177 0.9 T__ --- 272357 FDSN OE -- BUD iLoc HHZ ??? _
VYHS 1.01 83.5 Lg 10:41:31.581 0.8 T__ --- 272362 FDSN SK -- BUD iLoc HHN ??? _
VRAC 1.04 332.3 Pg 10:41:15.877 0.3 T__ 13.2 --- ML 1.2 272364 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.04 332.3 Lg 10:41:30.923 0.1 T__ --- 272363 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CONA 1.09 245.4 Lg 10:41:32.592 1.2 T__ --- 272365 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/30 11:56:50.21 1.32 0.89 45.5623 16.4462 13.8 7.1 39 10.0f 9 6 144 0.42 1.81 ke BUD 18004480 BUD 226

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 3 BUD 18004480

```

```

Sta 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 0.42 309.6 Pg 11:56:58.849 0.3 T__ 653.0 --- ML 2.3 272515 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.42 309.6 Lg 11:57:05.404 0.9 T__ --- 272514 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
PTJ 0.48 316.0 Pg 11:56:59.853 -0.2 T__ 87.6 --- ML 1.6 272512 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.48 316.0 Lg 11:57:06.555 -0.7 T__ --- 272513 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CRES 0.74 291.2 Pg 11:57:04.126 -0.2 T__ 59.6 --- ML 1.7 272516 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.74 291.2 Lg 11:57:14.589 -0.9 T__ --- 272517 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
BLY 0.97 147.1 Lg 11:57:21.539 0.4 T__ --- 272518 FDSN MN -- BUD iLoc HHN ??? _
KOVH 1.27 64.9 Lg 11:57:30.172 -0.7 T__ --- 272519 FDSN HU -- BUD iLoc HHN ??? _
ARSA 1.81 339.6 Lg 11:57:48.500 1.3 T__ --- 272520 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/10/30 19:15:28.40 1.38 1.12 45.5124 16.2705 9.8 7.4 35 5.0f 9 6 159 0.45 1.56 ke BUD 18004482 BUD 279

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD 18004482

```

```

Sta 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 0.45 331.9 Pg 19:15:36.745 -0.8 T__ 48.7 --- ML 1.2 272545 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.45 331.9 Lg 19:15:43.152 -1.1 T__ --- 272546 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CRES 0.65 299.1 Pg 19:15:41.830 0.8 T__ 26.0 --- ML 1.3 272547 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.65 299.1 Lg 19:15:50.568 0.0 T__ --- 272550 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1

```



```

(Station ML: 1.3 magdef=1
KOGS 0.94 359.1 Lg 19:16:00.331 1.7 T__ --- 272551 FDSN SL -- BUD iLoc BHE ??? _
BLY 1.00 139.4 Lg 19:15:59.619 -0.9 T__ --- 272552 FDSN MN -- BUD iLoc HHE ??? _
BEHE 1.02 20.0 Pg 19:15:48.992 0.8 T__ 81.3 --- ML 2.0 272553 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 1.02 20.0 Lg 19:16:01.355 -0.5 T__ --- 272548 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
OBKA 1.56 310.3 Lg 19:16:19.508 0.8 T__ --- 272549 FDSN OE -- BUD iLoc HHE ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/31	03:06:53.40	0.70	0.97	45.5024	18.3426	4.8	3.2	2	11.8	0.2	98	54	119	0.55	3.43	ke	BUD	18004486	BUD			172

```

Magnitude Err Nsta Author OrigID
ML 3.3 0.1 52 BUD 18004486

```

Sta	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	0.55	318.5	Pg	03:07:04.354	-0.2					T__		4845.8		---	ML	3.5	272887	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.55	318.5	Lg	03:07:12.278	0.3					T__				---		272888	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.5 magdef=1)																									
(Station ML: 3.5 magdef=0)																									
KOVH	0.61	343.9	Pg	03:07:05.070	-0.6					T__		887.0		_d_	ML	2.8	272892	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
MORH	0.74	16.3	Pg	03:07:07.855	-0.1					T__		2447.7		_d_	ML	3.3	272894	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.74	16.3	Lg	03:07:17.761	-1.0					T__				---		272900	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=1)																									
A264A	0.99	312.1	Pg	03:07:12.070	-0.4					T__		2454.1		---	ML	3.4	272885	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.99	312.1	Lg	03:07:25.628	0.3					T__				---		272901	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.4 magdef=1)																									
(Station ML: 3.4 magdef=1)																									
HU22A	0.99	33.4	Pg	03:07:12.781	0.1					T__		3184.5		---	ML	3.6	272898	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.6 magdef=1)																									
(Station ML: 3.6 magdef=0)																									
A265A	1.00	337.7	Pg	03:07:12.748	-0.0					T__		1485.8		---	ML	3.2	272890	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A265A	1.00	337.7	Lg	03:07:26.817	0.9					T__				---		272902	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=1)																									
A266A	1.02	357.0	Pg	03:07:13.411	0.1					T__		5085.2		---	ML	3.8	272893	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	1.02	357.0	Sn	03:07:28.228	0.3					T__				---		272903	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.8 magdef=1)																									
(Station ML: 3.8 magdef=0)																									
FRGS	1.09	107.9	Pn	03:07:14.225	-0.3					T__		1673.1		_c_	ML	3.3	272924	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	1.09	107.9	Sn	03:07:29.600	0.0					T__				---		272925	FDSN	SJ	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=1)																									
BLY	1.11	227.8	Pn	03:07:14.244	-0.6					T__		1768.5		---	ML	3.4	272889	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.11	227.8	Sn	03:07:29.134	-1.0					T__				---		272904	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.4 magdef=1)																									
(Station ML: 3.4 magdef=1)																									
HU21A	1.28	48.9	Pn	03:07:16.683	-0.4					T__		956.7		---	ML	3.2	272926	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	1.28	48.9	Lg	03:07:36.731	-0.8					T__				---		272927	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 3.2 magdef=1																					
(Station ML: 3.2 magdef=1																					
A272A	1.32	19.0	Pn	03:07:17.324	-0.3	T__	1112.5	___	ML	3.3	272928	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
A272A	1.32	19.0	Pg	03:07:19.245	0.3	T__		---			272929	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_		
A272A	1.32	19.0	Lg	03:07:37.373	-1.4	T__		---			272905	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.3 magdef=1																					
(Station ML: 3.3 magdef=1																					
A263A	1.34	328.2	Pn	03:07:16.914	-1.1	T__	1616.0	___	ML	3.5	272930	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
A263A	1.34	328.2	Pg	03:07:19.749	0.7	T__		---			272931	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_		
A263A	1.34	328.2	Lg	03:07:37.338	0.9	T__		---			272906	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.5 magdef=1																					
(Station ML: 3.5 magdef=1																					
TIH	1.43	347.6	Pg	03:07:20.884	0.2	T__	1660.8	___	ML	3.5	272932	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
TIH	1.43	347.6	Lg	03:07:39.546	-0.4	T__		---			272908	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 3.5 magdef=1																					
(Station ML: 3.5 magdef=0																					
BADH	1.44	335.4	Pn	03:07:18.389	-0.9	T__	1371.2	___	ML	3.4	272891	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
BADH	1.44	335.4	Lg	03:07:39.478	-0.0	T__		---			272907	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 3.4 magdef=1																					
(Station ML: 3.4 magdef=1																					
A267A	1.45	3.8	Pn	03:07:19.476	0.1	T__	900.7	___	ML	3.3	272895	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
A267A	1.45	3.8	Pg	03:07:21.831	0.7	T__		---			272911	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_		
A267A	1.45	3.8	Lg	03:07:41.551	-1.3	T__		---			272910	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.3 magdef=1																					
(Station ML: 3.3 magdef=1																					
BEHE	1.46	312.1	Pn	03:07:18.603	-1.0	T__	2032.7	___	ML	3.6	272884	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
BEHE	1.46	312.1	Pg	03:07:21.073	-0.0	T__		---			272933	FDSN	HU	--	BUD	iLoc	HHZ	???	_		
BEHE	1.46	312.1	Lg	03:07:41.373	1.5	T__		---			272909	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 3.6 magdef=1																					
(Station ML: 3.6 magdef=0																					
HU04B	1.52	29.8	Pg	03:07:22.742	-0.7	T__	989.0	___	ML	3.3	272934	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU04B	1.52	29.8	Lg	03:07:44.229	-1.5	T__		---			272935	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.3 magdef=1																					
(Station ML: 3.3 magdef=1																					
HU14A	1.54	51.4	Pg	03:07:24.192	0.5	T__	686.2	___	ML	3.2	272937	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU14A	1.54	51.4	Lg	03:07:45.552	0.0	T__		---			272936	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.2 magdef=1																					
(Station ML: 3.2 magdef=1																					
A261A	1.67	330.7	Pg	03:07:23.893	-1.2	T__	1101.8	___	ML	3.5	272915	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
A261A	1.67	330.7	Lg	03:07:50.333	3.7	T__		---			272914	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.5 magdef=1																					
(Station ML: 3.5 magdef=0																					
ZAG	1.68	282.0	Pg	03:07:25.177	0.6	T__	1932.2	___	ML	3.7	272879	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_		
ZAG	1.68	282.0	Lg	03:07:46.449	-0.2	T__		---			272912	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 3.7 magdef=1																					
(Station ML: 3.7 magdef=0																					
A271A	1.69	11.5	Pn	03:07:22.358	-0.4	T__	649.7	___	ML	3.3	272899	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
A271A	1.69	11.5	Lg	03:07:49.546	-0.2	T__		---			272913	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 3.3 magdef=1																					
(Station ML: 3.3 magdef=1																					
PTJ	1.71	284.5	Pn	03:07:21.866	-1.3	T__	751.2	___	ML	3.3	272880	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_		
PTJ	1.71	284.5	Sn	03:07:46.187	1.2	T__		---			272881	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 3.3 magdef=1																					

(Station ML: 3.3 magdef=1																				
KOGS	1.74	303.7	Pn	03:07:21.950	-1.5	T__	522.0	---	ML	3.2	272883	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	1.74	303.7	Lg	03:07:48.009	-0.0	T__		---			272938	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.2 magdef=1																				
(Station ML: 3.2 magdef=1																				
MPLH	1.76	341.8	Pn	03:07:23.877	0.2	T__	409.9	---	ML	3.1	272939	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	1.76	341.8	Pg	03:07:25.742	-1.0	T__	410.2	---	ML	3.1	272916	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.1 magdef=1																				
(Station ML: 3.1 magdef=0																				
A262A	1.86	317.9	Pn	03:07:24.255	-0.8	T__	453.5	---	ML	3.2	272886	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.2 magdef=1																				
(Station ML: 3.2 magdef=1																				
CSKK	1.86	358.3	Pn	03:07:25.620	0.5	T__	273.3	---	ML	3.0	272897	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 3.0 magdef=1																				
(Station ML: 3.0 magdef=0																				
HU13A	1.89	37.7	Pn	03:07:26.712	1.2	T__	527.1	---	ML	3.3	272941	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU13A	1.89	37.7	Pg	03:07:30.052	0.2	T__		---			272940	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU13A	1.89	37.7	Lg	03:07:56.862	-0.5	T__		---			272942	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.3 magdef=1																				
(Station ML: 3.3 magdef=1																				
HU08A	1.95	351.6	Pn	03:07:28.243	1.9	T__	439.2	---	ML	3.2	272896	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU08A	1.95	351.6	Lg	03:07:58.123	0.8	T__		---			272945	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.2 magdef=1																				
(Station ML: 3.2 magdef=1																				
HU06A	1.96	51.2	Pn	03:07:26.113	-0.4	T__	541.7	---	ML	3.3	272946	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU06A	1.96	51.2	Pg	03:07:32.099	1.2	T__		---			272947	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU06A	1.96	51.2	Lg	03:07:59.383	0.0	T__		---			272948	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.3 magdef=1																				
(Station ML: 3.3 magdef=1																				
BANR	1.97	92.5	Pg	03:07:30.650	1.5	T__	2550.5	---	ML	4.0	272944	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BANR	1.97	92.5	Lg	03:07:58.123	-0.1	T__		---			272943	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 4.0 magdef=1																				
(Station ML: 4.0 magdef=0																				
BUD	2.04	13.1	Pg	03:07:32.540	0.2	T__	635.4	---	ML	3.4	272951	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BUD	2.04	13.1	Lg	03:07:59.320	-2.1	T__		---			272952	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.4 magdef=1																				
(Station ML: 3.4 magdef=1																				
EGYH	2.04	340.3	Pn	03:07:28.548	1.0	T__	307.6	---	ML	3.1	272918	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
EGYH	2.04	340.3	Pg	03:07:31.250	-0.8	T__		---			272917	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 3.1 magdef=1																				
(Station ML: 3.1 magdef=1																				
HU01A	2.04	25.2	Pn	03:07:27.437	-0.2	T__	666.8	---	ML	3.5	272954	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU01A	2.04	25.2	Pg	03:07:32.919	-0.0	T__		---			272955	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU01A	2.04	25.2	Lg	03:08:01.368	-0.6	T__		---			272953	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.5 magdef=1																				
(Station ML: 3.5 magdef=1																				
CRES	2.05	280.1	Pn	03:07:27.883	0.2	T__	275.7	---	ML	3.1	272882	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	2.05	280.1	Pg	03:07:31.721	0.8	T__		---			272949	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
CRES	2.05	280.1	Sn	03:07:55.035	1.8	T__		---			272950	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.1 magdef=1																				
(Station ML: 3.1 magdef=0																				
A260A	2.11	328.1	Pn	03:07:29.264	0.7	T__	395.6	---	ML	3.3	272956	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A260A	2.11	328.1	Lg	03:08:03.289	3.3	T__		---			272957	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

	(Reading ML: 3.3 magdef=1																			
	(Station ML: 3.3 magdef=1																			
HU09A	2.14	0.7 Pn	03:07:29.390	0.5	T__	510.6	___ ML	3.4	272959	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
HU09A	2.14	0.7 Lg	03:08:04.172	-0.1	T__		___		272958	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
	(Reading ML: 3.4 magdef=1																			
	(Station ML: 3.4 magdef=1																			
BSZH	2.24	35.8 Pg	03:07:36.854	0.0	T__	386.3	___ ML	3.3	272960	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
BSZH	2.24	35.8 Lg	03:08:09.493	1.0	T__		___		272961	FDSN	HU	--	BUD	iLoc	HHE	???	_			
	(Reading ML: 3.3 magdef=1																			
	(Station ML: 3.3 magdef=1																			
BZS	2.30	86.0 Pn	03:07:30.805	-0.4	T__	167.9	___ ML	3.0	272963	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_			
BZS	2.30	86.0 Pg	03:07:37.484	1.9	T__		___		272964	FDSN	RO	--	BUD	iLoc	HHZ	???	_			
BZS	2.30	86.0 Lg	03:08:08.737	-0.1	T__		___		272962	FDSN	RO	--	BUD	iLoc	HHE	???	_			
	(Reading ML: 3.0 magdef=1																			
	(Station ML: 3.0 magdef=0																			
SR0	2.31	359.5 Pn	03:07:31.939	0.6	T__	1023.8	___ ML	3.8	272965	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_			
	(Reading ML: 3.8 magdef=1																			
	(Station ML: 3.8 magdef=0																			
HU10A	2.39	11.0 Pg	03:07:39.122	0.0	T__	339.9	___ ML	3.4	272966	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 3.4 magdef=1																			
	(Station ML: 3.4 magdef=1																			
SOP	2.50	331.2 Pn	03:07:33.080	-0.9	T__	111.1	___ ML	2.9	272919	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 2.9 magdef=1																			
	(Station ML: 2.9 magdef=0																			
HU03A	2.55	19.4 Pg	03:07:42.273	-0.5	T__	277.4	___ ML	3.4	272967	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 3.4 magdef=1																			
	(Station ML: 3.4 magdef=1																			
ET1H	2.60	23.3 Pg	03:07:42.462	-1.5	T__	138.2	___ ML	3.1	272968	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 3.1 magdef=1																			
	(Station ML: 3.1 magdef=0																			
RONA	2.61	328.0 Pn	03:07:35.055	-0.4	T__		___		272921	FDSN	OE	--	BUD	iLoc	HHZ	???	_			
ARSA	2.62	312.9 Pn	03:07:34.651	-0.9	T__	103.0	___ ML	3.0	272920	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 3.0 magdef=1																			
	(Station ML: 3.0 magdef=0																			
PSZ	2.64	23.3 Pg	03:07:44.352	-0.6	T__	250.6	___ ML	3.4	272969	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 3.4 magdef=1																			
	(Station ML: 3.4 magdef=1																			
HU05A	2.81	42.3 Pg	03:07:48.007	0.1	T__	267.4	___ ML	3.5	272970	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 3.5 magdef=1																			
	(Station ML: 3.5 magdef=0																			
OBKA	2.83	292.2 Pn	03:07:37.486	-1.0	T__	121.2	___ ML	3.2	272922	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 3.2 magdef=1																			
	(Station ML: 3.2 magdef=1																			
MODS	2.96	346.1 Pn	03:07:40.509	0.2	T__		___		272971	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
CONA	2.97	325.8 Pn	03:07:39.819	-0.6	T__	86.8	___ ML	3.1	272923	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 3.1 magdef=1																			
	(Station ML: 3.1 magdef=0																			
VYHS	3.01	6.3 Pg	03:07:50.842	-0.1	T__	31.1	___ ML	2.7	272972	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 2.7 magdef=1																			
	(Station ML: 2.7 magdef=0																			
HU02A	3.02	29.0 Pg	03:07:50.653	-1.7	T__	100.7	___ ML	3.2	272973	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
	(Reading ML: 3.2 magdef=1																			
	(Station ML: 3.2 magdef=1																			

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DRGR  3.30 65.4 Pn      03:07:44.793 -0.2          T__      81.9      ___ ML   3.2 272974    FDSN RO      -- BUD  iLoc  HHZ HHZ  _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
ABAH  3.43 34.4 Pn      03:07:46.873  0.2          T__      90.2      ___ ML   3.4 272976    FDSN HU      -- BUD  iLoc  HHZ HHZ  _
ABAH  3.43 34.4 Pg      03:07:58.592 -0.9          T__              ___      272975    FDSN HU      -- BUD  iLoc  HHZ ???  _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/10/31 10:44:50.30  0.70  1.06 48.6707  18.5750  6.2  3.9 18  0.0f      15   9 116  0.25  1.36  sx BUD      18004490    BUD                    152

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Magnitude Err Nsta Author      OrigID
ML      1.8 0.1   6 BUD      18004490

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Sta  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 0.25 135.5 Lg      10:45:01.152  1.7          T__              ___      273162    FDSN SK      -- BUD  iLoc  HHE ???  _
JAVC 0.63 287.8 Pg      10:45:04.000  0.7          T__      56.7      ___ ML   1.6 273163    FDSN CZ      -- BUD  iLoc  HHZ HHZ  _
JAVC 0.63 287.8 Lg      10:45:12.745 -0.4          T__              ___      273164    FDSN CZ      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
MODS 0.91 251.5 Pg      10:45:09.084  0.3          T__              ___      273166    FDSN SK      -- BUD  iLoc  HHZ ???  _
MODS 0.91 251.5 Lg      10:45:22.915  0.2          T__              ___      273165    FDSN SK      -- BUD  iLoc  HHE ???  _
PSZ  1.16 130.0 Pn      10:45:13.559 -0.3          T__      38.8      ___ ML   1.7 273167    FDSN GE      -- BUD  iLoc  HHZ HHZ  _
PSZ  1.16 130.0 Sn      10:45:29.525 -0.9          T__              ___      273168    FDSN GE      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 1.17 132.0 Sn      10:45:29.525 -1.2          T__              ___      273169    FDSN HU      -- BUD  iLoc  HHN ???  _
KECS 1.28 97.7 Pn      10:45:15.593  0.1          T__      96.1      ___ ML   2.2 273171    FDSN SK      -- BUD  iLoc  EHZ EHZ  _
KECS 1.28 97.7 Sn      10:45:31.966 -1.4          T__              ___      273170    FDSN SK      -- BUD  iLoc  EHN ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MORC 1.30 328.9 Pg      10:45:14.983  0.6          T__      41.6      ___ ML   1.8 273172    FDSN CZ      -- BUD  iLoc  HHZ HHZ  _
MORC 1.30 328.9 Lg      10:45:33.186  0.7          T__              ___      273173    FDSN CZ      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS  1.32 96.9 Pn      10:45:14.271 -1.7          T__      35.3      ___ ML   1.8 273175    FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS  1.32 96.9 Sn      10:45:33.084 -1.1          T__              ___      273174    FDSN ZJ      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE  1.36 56.0 Pg      10:45:16.711  0.8          T__      24.9      ___ ML   1.7 273176    FDSN PL      -- BUD  iLoc  BHZ BHZ  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/10/31 10:50:58.02  0.69  0.90 48.7014  18.6663  4.6  3.6 10  0.0f      26  17 89  0.24  1.88  sx BUD      18004492    BUD                    132

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Magnitude Err Nsta Author      OrigID
ML      1.9 0.1  11 BUD      18004492

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Sta  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	151.4	Pg	10:51:03.031	0.0	T__	161.0	___	ML	1.2	273242	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.24	151.4	Lg	10:51:06.938	0.2	T__		---			273244	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=0)																			
JAVC	0.68	283.8	Pg	10:51:11.677	-0.3	T__	97.4	___	ML	1.9	273245	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU10A	0.89	164.5	Lg	10:51:28.813	-1.3	T__		---			273238	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
SRO	0.92	195.0	Pg	10:51:17.127	0.7	T__	555.8	---	ML	2.8	273243	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
MODS	0.98	251.0	Pg	10:51:17.880	0.1	T__		---			273246	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.98	251.0	Lg	10:51:31.538	-1.1	T__		---			273247	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU03A	1.01	141.7	Pg	10:51:19.172	0.2	T__	103.8	---	ML	2.1	273235	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.01	141.7	Lg	10:51:33.852	0.1	T__		---			273236	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
HU09A	1.08	190.2	Sn	10:51:34.843	-1.2	T__		---			273248	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	1.13	133.2	Pn	10:51:21.436	0.2	T__	69.7	---	ML	2.0	273232	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.13	133.2	Sn	10:51:37.102	-0.4	T__		---			273250	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
ET1H	1.15	135.2	Pn	10:51:21.436	0.0	T__	50.9	---	ML	1.8	273234	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.15	135.2	Sn	10:51:37.541	-0.3	T__		---			273233	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ZST	1.16	244.7	Sn	10:51:36.686	-1.3	T__		---			273249	FDSN	SK	--	BUD	iLoc	HHN	???	_
KECS	1.23	99.6	Pg	10:51:22.897	0.6	T__	126.4	---	ML	2.3	273240	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.23	99.6	Sn	10:51:37.869	-1.9	T__		---			273239	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
JOS	1.26	98.7	Pn	10:51:22.239	-0.6	T__	50.2	---	ML	1.9	273241	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.26	98.7	Sn	10:51:40.754	0.2	T__		---			273254	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
NIE	1.29	55.7	Pn	10:51:23.895	0.5	T__	29.5	---	ML	1.7	273252	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.29	55.7	Lg	10:51:40.620	0.0	T__		---			273253	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
MORC	1.30	326.0	Pg	10:51:22.467	0.2	T__	61.0	---	ML	2.0	273251	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU02A	1.37	114.4	Pn	10:51:23.773	-0.6	T__	45.0	---	ML	1.9	273237	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.37	114.4	Sn	10:51:43.749	0.5	T__		---			273255	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
EGYH	1.57	215.4	Sn	10:51:48.638	0.6	T__		---			273256	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.88	238.6	Pn	10:51:33.802	2.4	T__		---			273257	FDSN	OE	--	BUD	iLoc	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/31	12:04:24.04	2.00	0.45	46.8832	22.7822	15.9	11.6	143	0.0f		8	5	189	0.10	1.76	sx	BUD	18004494	BUD			301

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.5 3 BUD 18004494

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.10	208.1	Pg	12:04:26.512	0.0					T__		298.8		_c	ML	1.1 273297	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.10	208.1	Lg	12:04:28.758	0.1					T__				---		273298	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																								
GZR	1.49	180.1	Pn	12:04:52.239	0.1					T__		30.0		---	ML	1.8 273300	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.49	180.1	Sn	12:05:11.777	-0.5					T__				---		273299	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
BZS	1.50	213.0	Sn	12:05:12.555	0.0					T__				---		273303	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.59	154.1	Pn	12:04:53.846	0.3					T__		59.0		---	ML	2.2 273302	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.59	154.1	Sn	12:05:14.589	-0.3					T__				---		273301	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
ABAH	1.76	324.1	Lg	12:05:22.112	-0.7					T__				---		273304	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  
 2022/10/31 13:05:56.98 0.86 0.48 47.8741 16.0636 6.2 3.8 32 0.0f 9 7 81 0.15 1.51 sx BUD 18004496 BUD 153

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CONA	0.15	291.8	Pg	13:06:00.249	0.1					T__		324.1		---	ML	1.2 273327	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	291.8	Lg	13:06:02.185	-0.2					T__				---		273328	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
RONA	0.23	137.9	Pg	13:06:01.877	-0.1					T__				---		273330	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.23	137.9	Lg	13:06:05.821	0.4					T__				---		273329	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	0.72	210.6	Lg	13:06:19.773	-0.3					T__				---		273331	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.95	58.0	Lg	13:06:31.068	0.0					T__				---		273332	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.21	10.4	Sn	13:06:37.385	-0.9					T__				---		273333	FDSN	CZ	--	BUD	iLoc	HHN	???	_
TREC	1.47	345.1	Sn	13:06:45.241	0.4					T__				---		273335	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.51	309.6	Sn	13:06:45.897	0.3					T__				---		273334	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/10/31 14:27:36.41 1.52 1.55 48.6592 20.8526 8.3 6.9 78 0.0f 9 6 169 0.26 0.98 sx BUD 18004498 BUD 270

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.3 3 BUD 18004498

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.26	231.9	Pg	14:27:42.653	0.8					T__		176.6		---	ML	1.3 273411	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.26	231.9	Lg	14:27:45.784	-0.3					T__				---		273417	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KECS	0.30	234.3	Pg	14:27:43.256	0.7					T__		486.8		---	ML	1.8 273413	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.30	234.3	Lg	14:27:47.565	0.3					T__				---		273412	FDSN	SK	--	BUD	iLoc	EHN	???	_

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 ABAH 0.45 144.5 Lg 14:27:53.220 0.1 T\_\_  
 HU02A 0.58 202.2 Lg 14:27:54.959 -2.8 T\_\_  
 NIE 0.84 334.6 Lg 14:28:02.829 -1.5 T\_\_  
 PSZ 0.98 221.2 Pg 14:27:57.589 0.6 T\_\_ 35.6 --- ML 1.6 273414 FDSN GE -- BUD iLoc HHZ HHZ \_  
 PSZ 0.98 221.2 Lg 14:28:09.896 -1.6 T\_\_ --- 273416 FDSN GE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/31	17:17:15.99	2.14	0.86	45.9136	16.8937	16.6	5.3	35	16.5	10.1	15	8	230	0.37	1.25	ke	BUD	18004500	BUD			262

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	7 BUD	18004500

Sta	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	0.37	48.1	Pg	17:17:23.112	-0.8					T__		408.3		---	ML	1.9	273464	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.37	48.1	Lg	17:17:31.000	1.7					T__				---		273463	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
BEHE	0.56	351.7	Pg	17:17:27.644	0.3					T__		135.9		---	ML	1.9	273461	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.56	351.7	Lg	17:17:34.254	-0.9					T__				---		273462	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
A273A	0.64	89.4	Pg	17:17:28.667	-0.2					T__		175.8		---	ML	2.1	273458	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.64	89.4	Sn	17:17:39.951	-0.3					T__				---		273466	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
KOGS	0.70	320.3	Sn	17:17:41.248	-0.3					T__				---		273465	FDSN	SL	--	BUD	iLoc	BHN	???	_	
A263A	0.78	21.7	Pg	17:17:31.588	0.2					T__		315.1		---	ML	2.4	273460	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.78	21.7	Lg	17:17:41.265	-0.7					T__				---		273467	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0																									
A265A	0.81	50.5	Pg	17:17:32.026	0.1					T__		218.6		---	ML	2.3	273459	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.81	50.5	Lg	17:17:42.507	-0.2					T__				---		273468	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
KOVH	0.86	77.8	Pg	17:17:32.985	0.1					T__		82.1		---	ML	1.9	273455	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.86	77.8	Lg	17:17:44.926	0.7					T__				---		273469	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
MORH	1.25	75.5	Pn	17:17:39.047	0.2					T__		25.2		---	ML	1.6	273456	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.25	75.5	Lg	17:17:56.275	-1.5					T__				---		273457	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/02	09:07:16.27	1.34	1.04	48.6431	21.4401	8.4	6.9	163	0.0f		9	7	105	0.37	1.08	sx	BUD	18004502	BUD			168



Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.37	201.1	Pg	09:07:24.610	0.7					T__		89.4		---	ML	1.3	273558	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	201.1	Lg	09:07:29.762	-0.7					T__				---		273553	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
JOS	0.62	256.5	Lg	09:07:37.451	-0.4					T__				---		273555	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
KOLS	0.62	61.9	Lg	09:07:37.627	-0.9					T__				---		273554	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KECS	0.65	256.2	Lg	09:07:38.746	-0.4					T__				---		273552	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.80	229.8	Pg	09:07:33.049	0.2					T__		41.1		---	ML	1.6	273550	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.80	229.8	Lg	09:07:43.712	-1.5					T__				---		273551	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
TRPA	0.89	124.6	Lg	09:07:46.789	-1.4					T__				---		273556	FDSN	HU	--	BUD	iLoc	HNN	???	_	
NIE	1.08	316.4	Lg	09:07:52.712	-0.0					T__				---		273557	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
2022/11/02	09:27:40.48	0.85	0.90	47.3554	18.4695	5.6	4.6	132	0.0f	10	7	114		0.14	1.17	sx	BUD	18004504	BUD			213

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3 BUD	18004504

Sta	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	273.2	Pg	09:27:44.424	0.5					T__		1084.3		---	ML	1.7	273587	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.14	273.2	Lg	09:27:46.177	-1.0					T__				---		273588	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
HU09A	0.29	348.3	Lg	09:27:51.308	-0.8					T__				---		273589	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU08A	0.38	281.8	Lg	09:27:54.952	-0.1					T__				---		273596	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU10A	0.62	37.0	Lg	09:28:03.031	-0.4					T__				---		273590	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	1.12	59.2	Pn	09:28:04.053	0.6					T__		38.3		---	ML	1.7	273594	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.12	59.2	Sn	09:28:19.610	0.0					T__				---		273595	FDSN	GE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
MORH	1.15	174.0	Lg	09:28:18.734	-1.1					T__				---		273591	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	1.17	12.1	Pn	09:28:04.491	0.4					T__		15.3		---	ML	1.3	273593	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	12.1	Sn	09:28:19.391	-1.3					T__				---		273592	FDSN	SK	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/02	09:30:04.60	0.75	0.74	46.4966	17.2060	3.9	2.9	168	9.7	3.3	31	20	65	0.16	1.39	ke	BUD	18004506	BUD			112

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	12 BUD	18004506

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A263A	0.16	27.5	Pg	09:30:07.792	-0.7					T__		1816.9		---	ML	2.0	273718	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.16	27.5	Lg	09:30:11.243	-0.1					T__				---		273737	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	

(Reading ML: 2.0 magdef=1																					
(Station ML: 2.0 magdef=1																					
BEHE	0.30	265.1	Pg	09:30:10.371	-0.7	T__	555.3	___ ML	1.9	273716	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
BEHE	0.30	265.1	Lg	09:30:15.678	0.2	T__		---		273738	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1																					
(Station ML: 1.9 magdef=0																					
A264A	0.34	170.2	Lg	09:30:17.700	1.0	T__		---		273739	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
BADH	0.36	30.7	Lg	09:30:18.069	0.6	T__		---		273729	FDSN	HU	--	BUD	iLoc	HHN	???	_			
A265A	0.41	99.8	Pg	09:30:13.279	0.1	T__	425.0	___ ML	2.1	273719	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
A265A	0.41	99.8	Lg	09:30:20.144	1.0	T__		---		273740	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 2.1 magdef=1																					
(Station ML: 2.1 magdef=1																					
A261A	0.46	355.1	Lg	09:30:21.743	1.2	T__		---		273741	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
A262A	0.59	308.5	Pg	09:30:16.062	-0.4	T__	215.7	___ ML	2.2	273746	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
(Reading ML: 2.2 magdef=1																					
(Station ML: 2.2 magdef=1																					
TIH	0.62	49.3	Lg	09:30:25.154	-1.0	T__		---		273730	FDSN	HU	--	BUD	iLoc	HHN	???	_			
KOGS	0.66	266.1	Pg	09:30:17.579	-0.0	T__	119.3	___ ML	1.9	273742	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_			
KOGS	0.66	266.1	Lg	09:30:27.534	1.2	T__		---		273717	FDSN	SL	--	BUD	iLoc	BHN	???	_			
(Reading ML: 1.9 magdef=1																					
(Station ML: 1.9 magdef=1																					
MPLH	0.71	18.6	Pg	09:30:17.860	-0.9	T__	103.0	___ ML	1.9	273725	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
MPLH	0.71	18.6	Lg	09:30:29.327	0.1	T__		---		273724	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1																					
(Station ML: 1.9 magdef=1																					
A266A	0.73	87.3	Pg	09:30:19.212	0.1	T__	237.6	___ ML	2.3	273723	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
A266A	0.73	87.3	Sn	09:30:31.171	-1.1	T__		---		273722	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 2.3 magdef=1																					
(Station ML: 2.3 magdef=0																					
KOVH	0.74	123.1	Pg	09:30:19.087	-0.2	T__	98.9	___ ML	1.9	273721	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
KOVH	0.74	123.1	Lg	09:30:28.655	-0.6	T__		---		273720	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1																					
(Station ML: 1.9 magdef=1																					
EGYH	0.92	5.3	Pn	09:30:23.915	0.2	T__	195.7	___ ML	2.3	273743	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
EGYH	0.92	5.3	Sn	09:30:37.919	0.8	T__		---		273731	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.3 magdef=1																					
(Station ML: 2.3 magdef=0																					
MORH	1.03	105.3	Pg	09:30:22.927	-1.7	T__	33.7	___ ML	1.6	273728	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
MORH	1.03	105.3	Lg	09:30:38.217	-0.4	T__		---		273744	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.6 magdef=1																					
(Station ML: 1.6 magdef=0																					
PTJ	1.04	236.0	Pg	09:30:23.945	-0.6	T__	78.5	___ ML	2.0	273726	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_			
PTJ	1.04	236.0	Lg	09:30:38.808	-0.2	T__		---		273727	FDSN	CR	--	BUD	iLoc	BHN	???	_			
(Reading ML: 2.0 magdef=1																					
(Station ML: 2.0 magdef=1																					
HU08A	1.06	27.5	Lg	09:30:40.176	0.0	T__		---		273732	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
CSKK	1.13	39.4	Pn	09:30:27.282	0.8	T__	67.3	___ ML	2.0	273734	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
CSKK	1.13	39.4	Sn	09:30:41.891	-0.2	T__		---		273733	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.0 magdef=1																					
(Station ML: 2.0 magdef=1																					
RONA	1.35	333.0	Sn	09:30:47.812	0.1	T__		---		273745	FDSN	OE	--	BUD	iLoc	HHE	???	_			
ARSA	1.38	303.8	Lg	09:30:48.335	0.2	T__		---		273736	FDSN	OE	--	BUD	iLoc	HHN	???	_			
CRES	1.39	241.7	Lg	09:30:49.648	0.1	T__		---		273735	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
2022/11/02	09:34:03.25	0.80	1.09	48.5052	20.7699	4.6	3.3	13	0.0f		18	10	84	0.15	1.29	sx	BUD	18004508	BUD			155

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	8 BUD	18004508

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.15	266.6	Pg	09:34:06.719	0.2					T__		526.6		___	ML	1.4	273804	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	266.6	Lg	09:34:10.097	0.9					T__				---		273816	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.19	263.5	Pg	09:34:07.303	0.0					T__		1238.4		___	ML	1.9	273805	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	263.5	Lg	09:34:11.010	0.6					T__				---		273817	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.38	123.6	Pg	09:34:11.649	0.6					T__		111.1		___	ML	1.4	273808	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	123.6	Lg	09:34:17.894	0.2					T__				---		273807	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.42	203.2	Pg	09:34:12.598	0.4					T__		49.5		___	ML	1.2	273806	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	203.2	Lg	09:34:20.176	1.2					T__				---		273818	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
PSZ	0.83	225.2	Pg	09:34:20.706	-0.1					T__		60.1		___	ML	1.7	273809	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.83	225.2	Lg	09:34:34.327	1.0					T__				---		273810	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	0.96	341.4	Pg	09:34:22.239	0.8					T__		30.0		___	ML	1.5	273811	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.96	341.4	Lg	09:34:36.427	1.2					T__				---		273815	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU03A	0.99	232.9	Pg	09:34:24.321	0.6					T__		99.2		___	ML	2.0	273812	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.99	232.9	Lg	09:34:38.563	0.4					T__				---		273819	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
KOLS	1.08	66.2	Lg	09:34:40.261	-0.4					T__				---		273814	FDSN	SK	--	BUD	iLoc	HNN	???	_	
TRPA	1.24	107.0	Sn	09:34:42.655	-2.5					T__				---		273820	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	1.29	270.2	Pn	09:34:27.991	-0.5					T__		20.7		___	ML	1.5	273813	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	270.2	Sn	09:34:44.424	-2.0					T__				---		273821	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/02	09:36:13.80	0.88	0.73	47.4052	18.4491	8.2	4.3	142	0.0f		9	7	111	0.13	1.20	sx	BUD	18004510	BUD			190

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	251.9	Pg	09:36:17.501	0.4					T__		625.2		___	ML	1.5	273855	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

CSKK	0.13	251.9	Lg	09:36:19.656	-0.6	T__	---	273860	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU09A	0.24	349.1	Lg	09:36:23.444	-0.2	T__	---	273856	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
HU08A	0.36	274.4	Lg	09:36:28.153	0.5	T__	---	273861	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
HU10A	0.59	41.0	Lg	09:36:36.238	0.5	T__	---	273862	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
PSZ	1.10	61.7	Pn	09:36:36.445	-0.2	T__	---	48.3	ML	1.8	273858	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.10	61.7	Sn	09:36:52.780	0.2	T__	---	273863	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
VYHS	1.12	13.3	Sn	09:36:51.637	-1.3	T__	---	273857	FDSN	SK	--	BUD	iLoc	HHN	???	_			
MORH	1.20	173.5	Sn	09:36:54.047	-0.7	T__	---	273859	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
2022/11/02	09:47:59.63	0.79	0.90	48.5207	18.7318	6.9	3.1	20	0.0f		16	11	154	0.07	1.26	sx	BUD	18004512	BUD			188

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	18004512

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.07	111.0	Pg	09:48:01.915	0.5					T__		1651.6		_c_	ML	1.7	273901	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.07	111.0	Lg	09:48:03.184	0.3					T__				---		273902	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
HU10A	0.70	164.0	Lg	09:48:24.616	-0.7					T__				---		273905	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
JAVC	0.78	296.1	Pg	09:48:16.677	1.0					T__		100.2		---	ML	1.9	273903	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.78	296.1	Lg	09:48:27.569	-0.2					T__				---		273904	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.85	136.4	Pg	09:48:18.770	1.5					T__		334.6		---	ML	2.5	273896	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.85	136.4	Lg	09:48:29.835	0.1					T__				---		273909	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
MODS	0.98	261.9	Lg	09:48:32.858	-1.5					T__				---		273910	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.98	127.3	Pg	09:48:20.815	0.5					T__		54.7		---	ML	1.8	273895	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.98	127.3	Lg	09:48:34.583	-0.4					T__				---		273906	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	1.17	91.2	Lg	09:48:38.673	-1.1					T__				---		273899	FDSN	SK	--	BUD	iLoc	EHN	???	_	
CSKK	1.20	195.5	Sn	09:48:40.761	0.1					T__				---		273908	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JDS	1.20	90.5	Sn	09:48:39.403	-1.3					T__				---		273900	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU08A	1.22	206.8	Sn	09:48:40.400	-0.7					T__				---		273907	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	1.26	107.8	Pn	09:48:23.992	-0.6					T__		34.7		---	ML	1.7	273898	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.26	107.8	Sn	09:48:42.544	0.3					T__				---		273897	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/02	10:04:41.87	0.25	1.22	46.8744	17.3027	3.3	2.6	37	0.0A	0.0	18	12	58	0.14	1.33	m	kx	BUD	18004514	BUD			360
2022/11/02	10:04:39.73	0.85	2.06	46.9790	17.3040f				0.0f		18	12	70	0.11	1.25		kx	BUD_GT	18004515	BUD_GT			116

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

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.2 6 BUD 18004515

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.11	255.8	Pg	10:04:44.076	1.5					T__		6605.5		___	ML	2.4	273995	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.11	255.8	Lg	10:04:46.586	1.6					T__				---		273994	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
BADH	0.21	146.3	Pg	10:04:44.805	0.3					T__		1595.6		---	ML	2.1	273992	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.21	146.3	Lg	10:04:46.748	-1.4					T__				---		273993	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
MPLH	0.25	40.0	Lg	10:04:53.387	3.5					T__				---		273998	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A263A	0.34	178.7	Pg	10:04:44.967	-2.0					T__		3030.0		---	ML	2.7	273996	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.34	178.7	Lg	10:04:48.772	-3.5					T__				---		273997	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1 Station ML: 2.7 magdef=0)																									
TIH	0.41	100.9	Pg	10:04:49.080	0.7					T__		486.2		---	ML	2.1	273985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.41	100.9	Lg	10:04:55.636	0.6					T__				---		273986	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
CSKK	0.76	59.2	Lg	10:05:06.301	-1.4					T__				---		273989	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A266A	0.80	124.1	Lg	10:05:08.476	0.7					T__				---		273990	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOGS	0.90	234.2	Lg	10:05:08.446	-0.7					T__				---		273999	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	1.05	148.1	Pn	10:04:59.054	-1.4					T__		51.4		---	ML	1.8	274001	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.05	148.1	Lg	10:05:12.575	-2.9					T__				---		274000	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
MORH	1.20	129.1	Pn	10:05:02.779	0.3					T__		36.0		---	ML	1.7	274002	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.20	129.1	Sn	10:05:19.090	-0.9					T__				---		273987	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
ZST	1.23	353.7	Lg	10:05:22.635	-0.2					T__				---		273991	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	1.25	283.2	Sn	10:05:25.528	4.6					T__				---		273988	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/02 13:01:12.97 1.16 0.49 47.9366 16.1120 7.8 4.5 33 0.0f 6 4 142 0.17 1.14 sx BUD 18004520 BUD 245

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	267.3	Pg	13:01:16.620	0.1					T__		122.4		___	ML	0.9	274063	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	267.3	Lg	13:01:18.848	-0.3					T__				---		274064	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0)																									
RONA	0.27	152.3	Pg	13:01:18.245	-0.3					T__				---		274065	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.27	152.3	Lg	13:01:23.175	0.7					T__				---		274067	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.79	210.4	Lg	13:01:38.303	-0.0					T__				---		274066	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.14	9.4	Lg	13:01:51.835	0.1					T__				---		274068	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/02	13:04:39.25	0.98	0.36	47.8622	16.0618	6.9	3.9	31	0.0f	6	4	121	0.15	0.96	sx	BUD	18004522	BUD				206

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.15	296.2	Pg	13:04:42.343	-0.1					T__		98.2		---	ML	0.7	274084	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	296.2	Lg	13:04:44.790	0.0					T__				---		274085	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
RONA	0.23	135.7	Pg	13:04:43.913	-0.1					T__				---		274086	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	135.7	Lg	13:04:47.346	-0.1					T__				---		274089	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.71	211.0	Lg	13:05:02.483	0.5					T__				---		274087	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.96	57.4	Lg	13:05:13.950	0.4					T__				---		274088	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	
2022/11/03	03:46:43.29	0.81	0.70	48.5577	17.6772	4.3	2.8	95	5.9	7.3	24	15	113	0.30	1.61	ke	BUD	18004528	BUD				150

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 7 BUD 18004528

Sta	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	0.30	359.2	Pg	03:46:49.720	-0.0					T__		362.6		---	ML	1.7	274247	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.30	359.2	Lg	03:46:54.604	-0.2					T__				---		274254	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MODS	0.32	235.5	Pg	03:46:50.139	0.0					T__				---		274243	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	235.5	Lg	03:46:54.942	-0.5					T__				---		274244	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.53	226.8	Pg	03:46:53.810	-0.1					T__				---		274246	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.53	226.8	Lg	03:47:01.515	-0.4					T__				---		274245	FDSN	SK	--	BUD	iLoc	HHN	???	_	
SRO	0.86	150.0	Pg	03:47:00.894	0.6					T__		347.8		---	ML	2.5	274249	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.86	150.0	Lg	03:47:12.854	-1.1					T__				---		274248	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
KRUC	0.99	301.3	Pg	03:47:02.757	0.7					T__		62.3		---	ML	1.8	274250	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.99	301.3	Lg	03:47:15.839	-0.7					T__				---		274255	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU09A	1.03	152.5	Sn	03:47:18.730	-0.4					T__				---		274257	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VRAC	1.04	316.8	Pg	03:47:03.578	0.7					T__		15.9		---	ML	1.3	274252	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.04	316.8	Lg	03:47:17.592	-0.3					T__				---		274256	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU08A	1.14	171.5	Sn	03:47:21.774	0.1					T__				---		274259	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SOP	1.15	221.0	Pn	03:47:05.586	-0.4					T__		55.3		---	ML	1.9	274258	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
EGYH	1.16	191.6	Sn	03:47:22.221	-0.1					T__				---		274260	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORC	1.22	355.9	Pg	03:47:06.194	-0.4					T__		56.5		---	ML	1.9	274262	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

MORC	1.22	355.9	Sn	03:47:23.467	-0.4	T__									274261	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
RONA	1.26	227.6	Pn	03:47:07.102	-0.4	T__									274251	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.26	227.6	Lg	03:47:25.508	1.0	T__									274263	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.37	243.2	Pn	03:47:09.586	0.6	T__			63.4						274253	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.37	243.2	Lg	03:47:27.954	0.2	T__									274264	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							
MPLH	1.39	183.9	Lg	03:47:30.041	-0.6	T__									274265	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.61	112.5	Sn	03:47:35.495	1.9	T__									274266	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/03	08:43:29.18	0.81	0.88	48.8476	21.8366	6.4	3.7	169	0.0f		17	11	95	0.30	1.16	sx	BUD	18004534	BUD			147

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	18004534

Sta	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	0.30	73.3	Pg	08:43:35.386	0.2					T__						274389	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.30	73.3	Lg	08:43:40.060	-0.3					T__						274390	FDSN	SK	--	BUD	iLoc	HHN	???	_
HOLU	0.48	131.3	Lg	08:43:48.189	1.2					T__						274397	FDSN	UA	--	BUD	iLoc	MHZ	???	_
STZU	0.55	71.7	Lg	08:43:48.235	0.0					T__						274399	FDSN	UA	--	BUD	iLoc	MHZ	???	_
ABAH	0.68	215.9	Lg	08:43:53.729	-0.2					T__						274400	FDSN	HU	--	BUD	iLoc	HHN	???	_
TRPA	0.86	146.7	Pg	08:43:46.869	1.1					T__		62.5				274392	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.86	146.7	Lg	08:43:59.139	-0.7					T__						274391	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
JOS	0.93	248.2	Pg	08:43:48.533	1.0					T__		41.4				274385	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.93	248.2	Lg	08:44:01.132	-0.2					T__						274393	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KECS	0.97	248.4	Lg	08:44:02.577	-0.1					T__						274402	FDSN	SK	--	BUD	iLoc	EHN	???	_
KWP	0.97	35.7	Lg	08:44:03.189	1.4					T__						274401	FDSN	PL	--	BUD	iLoc	HHN	???	_
HU02A	1.14	230.7	Pn	08:43:51.089	-1.3					T__		45.3				274387	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.14	230.7	Sn	08:44:07.522	-1.2					T__						274386	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
NIE	1.16	300.1	Pg	08:43:51.892	0.8					T__		37.5				274388	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.16	300.1	Lg	08:44:07.997	0.0					T__						274394	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MEZ	1.16	106.1	Pg	08:43:52.328	0.7					T__						274396	FDSN	UA	--	BUD	iLoc	BHZ	???	_
MEZ	1.16	106.1	Lg	08:44:08.616	-0.5					T__						274395	FDSN	UA	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/03	09:57:44.25	1.08	1.05	47.3418	18.3872	6.5	4.9	83	0.0f		9	8	111	0.09	1.27	sx	BUD	18004538	BUD			171

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	283.9	Pg	09:57:46.780	0.1					T__		2158.6		---	ML	1.9	274481	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	283.9	Lg	09:57:47.784	-1.3					T__				---		274486	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
HU09A	0.30	359.4	Lg	09:57:56.165	-0.0					T__				---		274482	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	286.0	Lg	09:57:57.163	0.0					T__				---		274487	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.60	253.8	Lg	09:58:07.437	1.5					T__				---		274485	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.14	171.0	Lg	09:58:22.365	-1.1					T__				---		274488	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.17	59.9	Sn	09:58:25.380	0.7					T__				---		274483	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOVH	1.27	189.1	Sn	09:58:27.206	0.2					T__				---		274484	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.27	324.5	Sn	09:58:26.295	-0.9					T__				---		274489	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
2022/11/03	10:00:03.27	1.02	0.83	48.4146	17.3142	7.7	2.9	113	0.0f		12	7	183	0.05	1.09	sx	BUD	18004540	BUD			238

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	3 BUD	18004540

Sta	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	210.9	Pg	10:00:04.395	-0.5					T__				_c_		274516	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.05	210.9	Lg	10:00:06.532	-0.0					T__				---		274517	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.26	213.0	Lg	10:00:12.879	-0.6					T__				---		274518	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.50	27.9	Pg	10:00:14.102	0.2					T__		221.2		---	ML	2.0	274519	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.50	27.9	Lg	10:00:21.698	-0.3					T__				---		274522	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KRUC	0.89	317.1	Pg	10:00:20.517	0.2					T__		58.4		---	ML	1.8	274520	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.89	317.1	Lg	10:00:32.641	-0.8					T__				---		274523	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
RONA	0.99	224.0	Pg	10:00:23.033	0.2					T__				---		274521	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.99	224.0	Lg	10:00:37.248	1.4					T__				---		274515	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VRAC	1.01	332.3	Lg	10:00:36.447	-0.9					T__				---		274524	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.09	243.9	Pg	10:00:24.832	0.1					T__		57.8		---	ML	1.9	274513	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.09	243.9	Lg	10:00:40.097	1.3					T__				---		274514	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/03	10:21:48.18	1.21	0.97	48.8000	20.1069	11.8	4.0	79	0.0f		9	6	182	0.40	0.91	sx	BUD	18004542	BUD			294

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD	18004542

Sta	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	141.5	Lg	10:22:02.528	-0.0					T__				---		274550	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.42	136.5	Pg	10:21:57.188	0.6					T__		96.0		---	ML	1.4	274549	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	136.5	Lg	10:22:02.556	-0.4					T__				---		274554	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									



```

(Station ML: 1.4 magdef=1
NIE 0.63 11.5 Pg 10:22:00.682 0.5 T__ 30.8 --- ML 1.3 274555 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.63 11.5 Lg 10:22:07.970 -1.2 T__ --- 274553 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.73 157.5 Pg 10:22:03.661 0.3 T__ 47.2 --- ML 1.6 274551 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.73 157.5 Lg 10:22:13.018 -1.7 T__ --- 274556 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.89 189.2 Lg 10:22:20.094 -0.2 T__ --- 274552 FDSN GE -- BUD iLoc HHN ??? _
ABAH 0.91 123.4 Lg 10:22:19.372 -0.4 T__ --- 274557 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
2022/11/03 12:03:27.39 2.98 0.71 46.8852 22.8876 26.3 7.0 175 0.0f 9.8 17 9 178 0.09 1.80 ke BUD 18004546 BUD 188

```

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.15 232.4 Pg 12:03:30.785 -0.0 T__ 503.6 --- ML 1.4 274579 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.15 232.4 Lg 12:03:33.323 -0.4 T__ --- 274584 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
CJR 0.52 109.1 Lg 12:03:45.045 -0.8 T__ --- 274585 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.49 183.0 Pn 12:03:55.909 0.4 T__ 40.3 --- ML 1.9 274582 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.49 183.0 Sn 12:04:15.264 -0.5 T__ --- 274581 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 1.55 215.3 Sn 12:04:16.944 0.0 T__ --- 274580 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.56 156.6 Sn 12:04:18.405 0.9 T__ --- 274583 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/03 19:53:39.19 1.08 0.68 45.8455 16.1145 10.1 4.8 156 5.0 9.8 17 9 178 0.09 1.80 ke BUD 18004546 BUD 188

```

Magnitude Err Nsta Author OrigID  
ML 1.8 0.3 8 BUD 18004546

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZAG 0.09 258.3 Pg 19:53:41.623 0.3 T__ 1256.9 --- ML 1.7 274629 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.09 258.3 Lg 19:53:43.056 0.1 T__ --- 274630 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PTJ 0.12 301.1 Pg 19:53:41.738 -0.4 T__ 237.5 --- ML 1.0 274627 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.12 301.1 Lg 19:53:43.756 -0.8 T__ --- 274628 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
CRES 0.46 267.8 Pg 19:53:48.924 0.7 T__ 90.6 --- ML 1.5 274632 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.46 267.8 Lg 19:53:55.150 0.2 T__ --- 274631 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOGS 0.61 8.9 Pg 19:53:51.466 0.2 T__ 76.1 --- ML 1.7 274623 FDSN SL -- BUD iLoc BHZ BHZ _

```

KOGS 0.61 8.9 Lg 19:53:59.171 -0.0 T\_\_ --- 274624 FDSN SL -- BUD iLoc BHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 BEHE 0.78 36.1 Pg 19:53:55.519 0.8 T\_\_ 149.6 --- ML 2.1 274622 FDSN HU -- BUD iLoc HHZ HHZ \_  
 BEHE 0.78 36.1 Sn 19:54:07.862 -1.0 T\_\_ --- 274621 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.1 magdef=1  
 (Station ML: 2.1 magdef=1  
 A264A 0.88 68.6 Pg 19:53:56.089 -0.4 T\_\_ 169.3 --- ML 2.2 274626 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 A264A 0.88 68.6 Lg 19:54:07.701 -0.4 T\_\_ --- 274625 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=0  
 OBKA 1.27 302.0 Pg 19:54:03.009 0.1 T\_\_ 51.3 --- ML 1.9 274633 FDSN OE -- BUD iLoc HHZ HHZ \_  
 OBKA 1.27 302.0 Lg 19:54:21.342 1.0 T\_\_ --- 274634 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 KOVH 1.41 79.3 Sn 19:54:24.119 -0.3 T\_\_ --- 274635 FDSN HU -- BUD iLoc HHN ??? \_  
 MORH 1.80 77.3 Pg 19:54:14.372 1.2 T\_\_ 38.6 --- ML 2.1 274637 FDSN HU -- BUD iLoc HHZ HHZ \_  
 MORH 1.80 77.3 Lg 19:54:36.648 -0.3 T\_\_ --- 274636 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.1 magdef=1  
 (Station ML: 2.1 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/04	00:43:31.88	0.73	0.60	47.9876	16.8997	4.1	2.6	121	8.3	6.6	25	15	95	0.25	1.92	ke	BUD	18004550	BUD			118

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	8 BUD	18004550

Sta	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	0.25	33.0	Pg	00:43:37.641	0.4					T__						274739	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.25	33.0	Lg	00:43:41.133	-0.3					T__						274760	FDSN	SK	--	BUD	iLoc	HHN	???	_
SOP	0.38	217.2	Pg	00:43:39.503	-0.2					T__	131.3				1.5	274742	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.38	217.2	Lg	00:43:44.415	-0.6					T__						274743	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																				
MODS	0.46	33.1	Pg	00:43:41.393	-0.0					T__						274738	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.46	33.1	Lg	00:43:47.633	-1.1					T__						274761	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.50	234.9	Pg	00:43:41.685	-0.3					T__						274746	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.50	234.9	Lg	00:43:48.227	-0.6					T__						274762	FDSN	OE	--	BUD	iLoc	HHN	???	_
EGYH	0.64	152.8	Lg	00:43:54.759	0.7					T__						274747	FDSN	HU	--	BUD	iLoc	HHN	???	_
CONA	0.70	265.5	Pg	00:43:45.958	0.1					T__	81.4				1.8	274750	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.70	265.5	Lg	00:43:55.599	0.5					T__						274749	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																				
A260A	0.72	190.6	Pg	00:43:46.031	-0.2					T__	174.8				2.1	274751	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.72	190.6	Lg	00:43:56.001	0.2					T__						274752	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																				
HU08A	0.89	128.5	Lg	00:44:02.720	-0.3					T__						274748	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.93	151.9	Lg	00:44:02.793	-0.6					T__						274753	FDSN	HU	--	BUD	iLoc	HHN	???	_
A261A	1.05	170.7	Lg	00:44:07.321	0.3					T__						274754	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KRUC	1.13	342.9	Pg	00:43:53.874	0.5					T__	70.9				2.0	274740	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.13	342.9	Sn	00:44:08.819	-0.8					T__						274741	FDSN	CZ	--	BUD	iLoc	HHN	???	_

```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A262A 1.15 192.8 Pn 00:43:54.650 0.4 T__ 125.2 ___ ML 2.2 274756 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A262A 1.15 192.8 Lg 00:44:08.892 -0.8 T__ ___ 274755 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ARSA 1.19 232.1 Pg 00:43:55.526 0.7 T__ 74.5 ___ ML 2.0 274757 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.19 232.1 Lg 00:44:10.535 0.8 T__ ___ 274758 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VRAC 1.34 351.4 Pn 00:43:57.242 0.4 T__ 14.5 ___ ML 1.4 274745 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.34 351.4 Sn 00:44:14.698 -0.1 T__ ___ 274744 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
CKRC 1.92 296.7 Pg 00:44:06.774 -1.2 T__ 120.1 ___ ML 2.6 274759 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/04 07:51:40.63 0.37 0.51 47.3089 18.3512 4.8 3.7 82 0.0A 0.0 11 7 110 0.08 1.23 m kx BUD 18004552 BUD 360
2022/11/04 07:51:39.32 0.91 0.92 47.3167 18.3081f 0.0f 11 7 107 0.06 1.24 kx BUD_GT 18004553 BUD_GT 159
(locality : Magyaralmás Hungary)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 18004553

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.06 325.1 Pg 07:51:41.156 0.0 T__ 2231.9 ___ ML 1.8 274825 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 325.1 Lg 07:51:42.726 -0.3 T__ ___ 274830 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 0.29 293.8 Pg 07:51:46.323 0.8 T__ 164.1 ___ ML 1.3 274827 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.29 293.8 Lg 07:51:50.888 0.1 T__ ___ 274826 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU09A 0.33 8.9 Pg 07:51:46.670 0.4 T__ 177.5 ___ ML 1.5 274828 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.33 8.9 Lg 07:51:51.545 -0.7 T__ ___ 274831 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.54 254.6 Pg 07:51:52.075 1.5 T__ 73.3 ___ ML 1.7 274832 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.54 254.6 Lg 07:51:58.685 -0.3 T__ ___ 274833 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 1.13 168.1 Lg 07:52:16.400 -1.6 T__ 274834 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.23 60.1 Pg 07:52:03.870 -1.3 T__ 58.2 ___ ML 1.9 274829 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
KOVH 1.24 186.7 Sn 07:52:20.282 -0.7 T__ ___ 274835 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
2022/11/04	08:40:06.48	0.89	1.22	47.8665	19.3955	7.1	2.8	164	0.0f	13	8	144	0.14	0.99	sx	BUD	18004554	BUD				170

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	18004554

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU03A	0.14	74.8	Pg	08:40:11.029	1.1					T__		360.2		___	ML	1.3	274897	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.14	74.8	Lg	08:40:13.819	1.2					T__				---		274895	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU10A	0.25	265.3	Pg	08:40:12.907	0.8					T__		668.1		___	ML	1.8	274901	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.25	265.3	Lg	08:40:15.649	-1.0					T__				---		274896	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
PSZ	0.34	81.0	Pg	08:40:14.250	0.1					T__		167.8		___	ML	1.5	274902	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.34	81.0	Lg	08:40:18.788	-1.2					T__				---		274898	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU01A	0.54	163.7	Lg	08:40:26.455	-0.5					T__				---		274903	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.72	251.9	Lg	08:40:31.009	-2.0					T__				---		274904	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.80	70.9	Pg	08:40:23.769	0.6					T__		58.1		___	ML	1.7	274899	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.80	70.9	Lg	08:40:33.871	-1.8					T__				---		274905	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.96	49.4	Lg	08:40:39.710	-0.2					T__				---		274906	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.99	50.1	Pg	08:40:26.104	-0.1					T__		34.2		___	ML	1.6	274900	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.99	50.1	Lg	08:40:40.528	-1.1					T__				---		274907	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/04	11:13:34.45	1.30	1.00	47.5487	18.5654	7.4	5.6	132	0.0f	7	6	161	0.15	1.20	sx	BUD	18004556	BUD				260

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.15	306.0	Pg	11:13:38.225	0.2					T__		2104.5		___	ML	2.0	274933	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.15	306.0	Lg	11:13:40.161	-1.1					T__				---		274935	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
CSKK	0.28	228.2	Lg	11:13:45.597	-0.2					T__				---		274936	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SR0	0.31	327.3	Lg	11:13:48.018	1.1					T__				---		274937	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.79	241.9	Lg	11:14:02.911	0.6					T__				---		274938	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.97	67.1	Lg	11:14:09.493	-0.2					T__				---		274939	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MODS	1.20	314.1	Sn	11:14:14.461	-1.0					T__				---		274934	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	
2022/11/05	12:04:17.78	1.13	0.38	47.6778	16.7026	8.0	5.6	12	12.2	9.1	8	6	121	0.10	0.91	ke	BUD	18004560	BUD				213

Magnitude	Err	Nsta	Author	OrigID	Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.10	273.3	Pg		12:04:20.938	0.1									T__		135.3		---	ML	0.7	274989	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.10	273.3	Lg		12:04:22.828	-0.2									T__				---			274990	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																														
(Station ML: 0.7 magdef=0)																														
RONA	0.28	274.7	Pg		12:04:23.878	0.0									T__				---			274988	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.28	274.7	Lg		12:04:27.772	-0.3									T__				---			274993	FDSN	OE	--	BUD	iLoc	HHN	???	_
EGYH	0.50	121.2	Lg		12:04:35.627	0.1									T__				---			274994	FDSN	HU	--	BUD	iLoc	HHN	???	_
CONA	0.62	294.2	Lg		12:04:39.224	0.6									T__				---			274995	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.80	28.8	Lg		12:04:45.490	-0.3									T__				---			274992	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	0.91	242.3	Lg		12:04:46.707	-0.2									T__				---			274991	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/06	07:14:45.34	1.33	0.50	47.5599	18.4124	14.0	4.2	105	10.0f		5	3	222	0.08	0.36	ke	BUD	18004566	BUD			318

Magnitude	Err	Nsta	Author	OrigID	Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.08	345.6	Pg		07:14:48.158	0.2									T__		343.7		---	ML	1.1	275272	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.08	345.6	Lg		07:14:49.838	-0.4									T__				---			275273	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																														
(Station ML: 1.1 magdef=1)																														
CSKK	0.22	207.7	Pg		07:14:50.569	0.2									T__		70.7		---	ML	0.8	275275	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.22	207.7	Lg		07:14:54.056	-0.5									T__				---			275274	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																														
(Station ML: 0.8 magdef=1)																														
HU08A	0.36	248.9	Lg		07:14:58.577	-0.1									T__				---			275276	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/07	08:23:44.27	0.72	1.43	48.4514	18.6985	5.0	3.2	23	0.0f		21	15	116	0.64	1.70	sx	BUD	18004574	BUD			145

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	6 BUD	18004574

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L						
HU10A	0.64	160.4	Lg	08:24:07.375	-0.5														---			275484	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
SRD	0.69	202.2	Lg	08:24:08.486	-0.9														---			275485	FDSN	SK	--	BUD	iLoc	EHN	???	_
JAVC	0.79	301.3	Pg	08:24:01.281	0.7							88.9		---	ML	1.9	275487	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_					
JAVC	0.79	301.3	Lg	08:24:11.360	-1.5									---			275486	FDSN	CZ	--	BUD	iLoc	HHN	???	_					
(Reading ML: 1.9 magdef=1)																														
(Station ML: 1.9 magdef=1)																														
HU03A	0.81	131.9	Pg	08:24:02.702	1.5							116.5		---	ML	2.0	275477	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
(Reading ML: 2.0 magdef=1)																														
(Station ML: 2.0 magdef=1)																														
HU09A	0.84	194.7	Lg	08:24:14.310	-0.4													---			275478	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MODS	0.95	265.8	Pg	08:24:05.130	1.6													---			275479	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.95	265.8	Lg	08:24:17.163	-0.8													---			275490	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.96	123.2	Pg	08:24:05.231	0.7							59.8		---	ML	1.8	275489	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_					

PSZ	0.96	123.2	Lg	08:24:16.698	-2.2	T__									275488	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=0)																							
ZST	1.10	257.1	Lg	08:24:21.128	-1.4	T__									275480	FDSN	SK	--	BUD	iLoc	HHN	???	_
CSKK	1.13	195.3	Pg	08:24:07.084	0.5	T__	81.8								275482	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.13	195.3	Sn	08:24:23.079	-0.4	T__									275481	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=0)																							
HU08A	1.15	207.3	Sn	08:24:23.411	-0.5	T__									275483	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	1.19	87.8	Sn	08:24:22.964	-2.1	T__									275491	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	1.23	87.2	Pg	08:24:09.832	1.4	T__	57.4								275492	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.23	87.2	Sn	08:24:23.782	-2.1	T__									275493	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
HU02A	1.26	104.4	Pn	08:24:09.175	-0.1	T__	51.4								275495	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.26	104.4	Sn	08:24:26.485	-0.5	T__									275494	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
MORC	1.53	330.6	Sn	08:24:33.799	0.3	T__									275496	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ABAH	1.70	94.3	Sn	08:24:40.462	2.8	T__									275476	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
2022/11/07	10:02:35.54	1.01	0.31	48.5464	20.7883	7.7	3.8	9	0.0f		11	6	149	0.17	0.93	sx	BUD	18004578	BUD			236

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	6 BUD	18004578

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.17	253.1	Pg	10:02:39.157	-0.1					T__		209.1			ML	1.1	275554	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	253.1	Lg	10:02:42.681	0.6					T__						275561	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
KECS	0.21	252.7	Pg	10:02:39.567	-0.4					T__	614.0				ML	1.7	275553	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	252.7	Lg	10:02:43.804	0.4					T__						275562	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.39	129.6	Pg	10:02:43.548	-0.1					T__	81.0				ML	1.3	275556	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	129.6	Lg	10:02:50.578	0.1					T__						275557	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.46	202.6	Pg	10:02:45.127	-0.2					T__	40.3				ML	1.2	275555	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	202.6	Lg	10:02:52.723	-0.0					T__						275563	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.87	223.9	Pg	10:02:53.609	-0.2					T__	56.7				ML	1.7	275559	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	223.9	Lg	10:03:07.066	0.2					T__						275558	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
NIE	0.93	339.9	Pn	10:02:55.909	-0.0					T__	30.5				ML	1.5	275560	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/07	12:34:11.12	1.36	1.14	46.1444	16.3969	11.7	5.4	123	11.0f	8	6	192	0.32	1.33	ke	BUD	18004580	BUD				250

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.32	341.6	Lg	12:34:21.655	-0.7					T__						275607	FDSN	SL	--	BUD	iLoc	BHN	???	_	
PTJ	0.38	231.7	Pg	12:34:18.462	-0.7					T__		61.5			ML	1.1	275610	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.38	231.7	Lg	12:34:24.597	-0.5					T__						275609	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
BEHE	0.42	38.7	Lg	12:34:26.184	0.4					T__						275608	FDSN	HU	--	BUD	iLoc	HNN	???	_	
CRES	0.73	244.4	Pg	12:34:26.402	1.4					T__		53.3			ML	1.6	275605	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.73	244.4	Lg	12:34:37.139	1.1					T__						275606	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ARSA	1.26	331.8	Lg	12:34:50.479	-0.6					T__						275611	FDSN	OE	--	BUD	iLoc	HNN	???	_	
OBKA	1.33	286.6	Lg	12:34:55.385	1.2					T__						275612	FDSN	OE	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/07	13:12:41.60	2.11	1.03	47.8515	20.1760	18.5	4.1	162	0.0f	8	6	220	0.20	0.84	sx	BUD	18004584	BUD				237

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.20	289.6	Pg	13:12:46.606	0.1					T__		343.4			_c ML	1.4	275694	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	289.6	Lg	13:12:49.930	-0.4					T__						275689	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.36	40.7	Pg	13:12:49.866	0.4					T__		83.7			ML	1.2	275687	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	40.7	Lg	13:12:54.338	-1.2					T__						275692	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU03A	0.39	277.9	Lg	13:12:56.243	-0.0					T__						275690	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
KECS	0.67	18.0	Lg	13:13:06.458	1.3					T__						275688	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.69	20.5	Lg	13:13:04.780	-1.2					T__						275693	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
ABAH	0.84	57.7	Lg	13:13:11.460	-0.6					T__						275691	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/07	13:27:04.85	1.37	0.84	48.6218	21.4155	8.3	6.5	10	0.0f	10	6	162	0.35	0.90	sx	BUD	18004586	BUD				224

Magnitude Err Nsta Author OrigID  
ML 1.4 0.2 4 BUD 18004586

Sta	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	199.8	Pg	13:27:12.517	0.5					T__		76.3			ML	1.1	275721	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.35	199.8	Lg	13:27:18.013	-0.2					T__						275720	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									

JOS	0.60	258.1	Pg	13:27:17.029	0.3	T__	39.7	___	ML	1.4	275725	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	258.1	Lg	13:27:25.282	-0.5	T__		---			275724	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
KECS	0.63	257.7	Pg	13:27:18.107	0.6	T__	106.1	___	ML	1.9	275726	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	257.7	Lg	13:27:26.469	-0.6	T__		---			275722	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KOLS	0.65	60.9	Lg	13:27:27.310	-0.6	T__		---			275727	FDSN	SK	--	BUD	iLoc	HHE	???	_
HU02A	0.78	230.2	Pg	13:27:20.927	0.0	T__	32.2	___	ML	1.4	275729	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	230.2	Lg	13:27:31.736	-1.2	T__		---			275728	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
TRPA	0.90	122.9	Lg	13:27:35.474	-1.4	T__		---			275723	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
2022/11/08	07:30:22.40	0.81	0.91	47.3279	18.3417	5.9	4.4	24	0.0f		13	9	109	0.07	1.78	sx	BUD	18004588	BUD			203

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	3 BUD	18004588

Sta	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	302.5	Pg	07:30:25.088	0.7					T__		3956.5		___	ML	2.1	275782	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	302.5	Lg	07:30:25.909	-0.6					T__				---		275785	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU08A	0.30	290.2	Pg	07:30:29.638	0.7					T__	162.6			___	ML	1.4	275787	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.30	290.2	Lg	07:30:33.034	-1.4					T__				---		275786	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MPLH	0.57	254.2	Lg	07:30:41.293	-1.6					T__				---		275794	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.13	169.3	Lg	07:31:00.672	-0.6					T__				---		275790	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.21	60.1	Pn	07:30:46.743	0.1					T__	50.8			___	ML	1.9	275783	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.21	60.1	Pg	07:30:47.173	-0.6					T__				---		275789	FDSN	GE	--	BUD	iLoc	HHZ	???	_	
PSZ	1.21	60.1	Sn	07:31:04.409	0.7					T__				---		275788	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOVH	1.25	187.7	Sn	07:31:05.560	0.9					T__				---		275784	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.27	326.0	Sn	07:31:04.750	-0.4					T__				---		275791	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	1.44	285.8	Lg	07:31:09.133	-0.4					T__				---		275792	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.78	290.6	Sn	07:31:18.009	0.1					T__				---		275793	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/08	09:35:44.57	1.04	1.06	48.8833	21.0086	6.7	4.5	148	0.0f		12	7	126	0.50	1.22	sx	BUD	18004590	BUD			225

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	18004590

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.50	218.9	Pg	09:35:54.777	0.3					T__		82.1		___	ML	1.6	275846	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_



JOS	0.50	218.9	Lg	09:36:02.784	0.8	T__								275850	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
KECS	0.53	221.1	Pg	09:35:55.270	0.1	T__	114.4							275847	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.53	221.1	Lg	09:36:02.994	-0.2	T__								275851	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
ABAH	0.61	165.3	Pg	09:35:57.717	1.0	T__	70.0							275848	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.61	165.3	Lg	09:36:05.258	-1.6	T__								275849	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
NIE	0.71	319.3	Lg	09:36:07.925	-0.2	T__								275852	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	0.83	203.1	Pg	09:36:02.362	0.8	T__	47.0							275855	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	203.1	Lg	09:36:12.697	-1.6	T__								275856	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
KOLS	0.84	86.1	Pg	09:36:00.894	0.4	T__								275854	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.84	86.1	Lg	09:36:12.653	-1.3	T__								275853	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.22	218.0	Sn	09:36:25.233	-0.9	T__								275857	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/08	10:46:40.22	0.43	0.61	47.7961	19.1456	9.5	3.1	170	0.0A	0.0	13	7	170	0.10	1.17	m	kx	BUD	18004592	BUD		360
2022/11/08	10:46:38.50	0.90	0.75	47.8327	19.1394f				0.0f		13	7	164	0.08	1.15		kx	BUD_GT	18004593	BUD_GT		198
(locality : Sejce-Vác Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	18004593

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	278.8	Pg	10:46:41.119	0.4					T__		3128.0			ML	2.0	275891	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	10:46:43.256	0.6					T__						275893	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU03A	0.32	76.9	Pg	10:46:46.232	0.8					T__	193.7				ML	1.5	275892	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	10:46:50.486	-0.2					T__						275894	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.52	80.1	Pg	10:46:49.573	-0.2					T__	46.6				ML	1.4	275896	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.1	Lg	10:46:56.402	-1.6					T__						275895	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU08A	0.92	244.4	Lg	10:47:10.191	-1.0					T__						275897	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.2	Pg	10:46:59.149	0.5					T__	35.1				ML	1.6	275899	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	10:47:12.880	-1.2					T__						275898	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	1.11	53.7	Pg	10:47:00.915	0.3					T__	110.5				ML	2.2	275900	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Sn	10:47:17.203	-0.2					T__						275901	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	1.15	54.2	Pg	10:47:01.560	0.3					T__	38.3				ML	1.7	275903	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS 1.15 54.2 Sn 10:47:17.994 -0.3 T\_\_ --- 275902 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/08	11:15:14.75	1.00	1.00	45.9573	22.6752	5.4	4.8	27	0.0f		9	5	116	0.18	0.92	sx	BUD	18004594	BUD			229

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	18004594

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.18	114.8	Pg	11:15:18.076	-0.0					T__		830.5		---	ML	1.7	275935	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	114.8	Lg	11:15:20.523	-0.0					T__				---		275939	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
GZR	0.57	172.8	Pg	11:15:26.202	0.5					T__		28.7		---	ML	1.3	275936	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.57	172.8	Lg	11:15:34.053	0.2					T__				---		275940	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
BZS	0.82	245.7	Pg	11:15:30.529	-0.2					T__		26.3		---	ML	1.4	275937	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.82	245.7	Lg	11:15:41.667	-0.6					T__				---		275941	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
DRGR	0.83	1.7	Pg	11:15:32.209	0.7					T__		50.8		---	ML	1.7	275938	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.83	1.7	Lg	11:15:42.325	-1.8					T__				---		275942	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
LOT	0.92	123.2	Lg	11:15:44.644	-1.2					T__				---		275943	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/08	12:38:05.07	0.81	0.70	47.8741	16.0318	4.8	4.5	7	0.0f		15	10	86	0.13	1.49	sx	BUD	18004596	BUD			161

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	3 BUD	18004596

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.13	295.4	Pg	12:38:08.143	0.3					T__		403.8		---	ML	1.3	276013	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	295.4	Lg	12:38:09.768	-0.1					T__				---		276021	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
RONA	0.25	134.3	Pg	12:38:10.042	-0.3					T__				---		276015	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.25	134.3	Lg	12:38:13.840	-0.1					T__				---		276014	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.40	118.1	Lg	12:38:19.245	0.2					T__				---		276016	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.71	209.1	Pg	12:38:19.099	0.2					T__		94.6		---	ML	1.9	276017	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.71	209.1	Lg	12:38:27.480	-0.4					T__				---		276022	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
MODS	0.97	58.6	Pg	12:38:25.782	1.0					T__				---		276019	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.97	58.6	Lg	12:38:38.636	-1.1					T__				---		276018	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	11.4	Pg	12:38:28.192	-0.1					T__		65.1		---	ML	2.0	276020	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

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KRUC  1.21 11.4 Sn      12:38:45.684 -0.8      T__      ---      276023      FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TREC  1.47 345.9 Sn    12:38:52.810  0.1      T__      ---      276025      FDSN CZ      -- BUD  iLoc  HHN ??? _
JAVC  1.47  47.3 Sn    12:38:53.891  1.0      T__      ---      276026      FDSN CZ      -- BUD  iLoc  HHN ??? _
VRAC  1.48  14.4 Sn    12:38:52.422 -0.7      T__      ---      276027      FDSN CZ      -- BUD  iLoc  HHN ??? _
CKRC  1.49 310.1 Lg     12:38:54.474  1.1      T__      ---      276024      FDSN CZ      -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/11/09 08:54:50.55  1.37  1.03 48.7926  20.1211 10.6  5.8 87  0.0f      8  5 180  0.39  0.89  sx BUD      18004598      BUD      306

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Magnitude Err Nsta Author      OrigID
ML      1.6 0.2  3 BUD      18004598

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
KECS 0.39 141.9 Pg      08:54:58.952  0.5      T__      144.6      ___ ML  1.6 276748  FDSN SK  -- BUD  iLoc  EHZ EHZ _
KECS 0.39 141.9 Lg      08:55:03.980 -0.6      T__      ___      276753  FDSN SK  -- BUD  iLoc  EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS  0.41 136.8 Pg      08:54:59.367  0.6      T__      58.7      ___ ML  1.2 276749  FDSN ZJ  -- BUD  iLoc  HHZ HHZ _
JOS  0.41 136.8 Lg      08:55:04.817 -0.2      T__      ___      276750  FDSN ZJ  -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
NIE  0.64  10.5 Lg      08:55:10.930 -0.8      T__      ___      276746  FDSN PL  -- BUD  iLoc  BHN ??? _
HU02A 0.72 158.0 Lg      08:55:15.059 -1.7      T__      ___      276751  FDSN ZJ  00 BUD  iLoc  HHN ??? _
PSZ  0.89 189.9 Pg      08:55:09.972  0.7      T__      50.1      ___ ML  1.7 276752  FDSN GE  -- BUD  iLoc  HHZ HHZ _
PSZ  0.89 189.9 Lg      08:55:21.899 -0.6      T__      ___      276747  FDSN GE  -- BUD  iLoc  HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2022/11/09 09:27:31.59  3.07  1.08 46.8867  22.8649 26.7  7.1 172  0.0f      7  5 240  0.14  1.57  sx BUD      18004600      BUD      288

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Magnitude Err Nsta Author      OrigID

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
DRGR 0.14 228.0 Pg      09:27:34.765 -0.0      T__      486.3      ___ ML  1.4 276775  FDSN RO  -- BUD  iLoc  HHZ HHZ _
DRGR 0.14 228.0 Lg      09:27:36.591 -1.0      T__      ___      276776  FDSN RO  -- BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
CJR  0.53 108.7 Lg      09:27:49.044 -1.5      T__      75.9      ___ ML  2.2 276777  FDSN RO  -- BUD  iLoc  HHN ??? _
GZR  1.50 182.4 Pn      09:28:00.438  0.7      T__      ___      276780  FDSN RO  -- BUD  iLoc  HHZ HHZ _
GZR  1.50 182.4 Sn      09:28:20.158  0.2      T__      ___      276779  FDSN RO  -- BUD  iLoc  HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BZS  1.54 214.7 Sn      09:28:20.742 -0.2      T__      ___      276778  FDSN RO  -- BUD  iLoc  HHN ??? _
LOT  1.57 156.1 Sn      09:28:22.860  0.9      T__      ___      276781  FDSN RO  -- BUD  iLoc  HHN ??? _

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp

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2022/11/09 10:06:51.11 1.61 0.29 48.5451 20.7516 11.9 3.9 8 0.0f 9 5 236 0.15 0.85 sx BUD 18004602 BUD 308

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 4 BUD 18004602

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
JOS	0.15	250.8	Pg	10:06:54.509	0.2					T__		150.6		---	ML	0.9 276811	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	250.8	Lg	10:06:57.204	0.3					T__				---		276812	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								
KECS	0.19	250.8	Pg	10:06:54.847	-0.2					T__		431.8		---	ML	1.5 276805	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	250.8	Lg	10:06:58.101	-0.1					T__				---		276806	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
ABAH	0.41	127.3	Pg	10:06:59.677	0.1					T__		185.5		---	ML	1.7 276807	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	127.3	Lg	10:07:06.186	-0.5					T__				---		276808	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
HU02A	0.45	199.7	Pg	10:07:00.745	0.1					T__		127.3		---	ML	1.7 276810	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	199.7	Lg	10:07:08.016	0.0					T__				---		276809	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
PSZ	0.85	222.7	Lg	10:07:21.662	-0.2					T__				---		276813	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2022/11/09 10:37:18.60 0.79 0.78 46.9078 16.7871 3.6 3.3 119 6.4 11.8 29 21 54 0.18 1.59 ke BUD 18004604 BUD 83

Magnitude Err Nsta Author OrigID  
ML 2.3 0.1 6 BUD 18004604

Sta	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	0.18	256.3	Pg	10:37:22.111	-0.5					T__		1845.7		---	ML	2.1 276871	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.18	256.3	Lg	10:37:25.508	0.1					T__				---		276891	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
A261A	0.25	79.7	Lg	10:37:27.608	-0.2					T__				---		276865	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A260A	0.38	351.6	Lg	10:37:33.085	1.4					T__				---		276870	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BEHE	0.44	181.1	Pg	10:37:27.480	-0.1					T__		569.2		---	ML	2.3 276872	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.44	181.1	Lg	10:37:34.017	0.4					T__				---		276875	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																								
A263A	0.45	126.2	Lg	10:37:33.889	-0.2					T__				---		276869	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BADH	0.48	102.0	Lg	10:37:36.080	0.9					T__				---		276866	FDSN	HU	--	BUD	iLoc	HHN	???	_
MPLH	0.58	62.7	Pg	10:37:30.109	-0.1					T__		231.1		---	ML	2.2 276863	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.58	62.7	Lg	10:37:38.928	0.2					T__				---		276864	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
KOGS	0.59	219.0	Pg	10:37:30.456	0.2					T__		329.1		---	ML	2.3 276874	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.59	219.0	Lg	10:37:38.746	0.7					T__				---		276876	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																								
EGYH	0.63	35.9	Lg	10:37:40.146	-0.3					T__				---		276877	FDSN	HU	--	BUD	iLoc	HHN	???	_

TIH	0.76	90.2	Sn	10:37:46.232	-0.1	T__										276867	FDSN	HU	--	BUD	iLoc	HHN	???	_
SOP	0.79	348.7	Lg	10:37:45.210	0.4	T__										276878	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	0.86	337.3	Pn	10:37:34.802	-1.5	T__										276873	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.86	337.3	Lg	10:37:47.547	0.6	T__										276879	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	0.93	292.1	Pn	10:37:37.412	0.1	T__										276881	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.93	292.1	Lg	10:37:47.345	-0.9	T__										276880	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=1)																								
HU08A	0.94	55.6	Lg	10:37:51.637	0.3	T__										276868	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A266A	1.09	110.1	Lg	10:37:56.428	1.9	T__										276882	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PTJ	1.15	209.8	Sn	10:37:55.503	-1.2	T__										276883	FDSN	CR	--	BUD	iLoc	BHN	???	_
CONA	1.20	328.7	Pg	10:37:42.183	-0.0	T__										276885	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.20	328.7	Lg	10:37:58.032	0.3	T__										276884	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=0)																								
ZST	1.31	9.3	Lg	10:38:02.416	0.3	T__										276886	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORH	1.46	117.7	Lg	10:38:05.816	-0.2	T__										276887	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.50	12.6	Pg	10:37:47.720	-0.7	T__										276888	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.50	12.6	Sn	10:38:06.582	1.4	T__										276889	FDSN	SK	--	BUD	iLoc	HHN	???	_
OBKA	1.59	256.3	Lg	10:38:09.934	0.0	T__										276890	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/09	10:49:55.48	1.05	1.11	45.9878	22.3262	6.1	5.2	150	0.0f		9	5	144	0.42	1.15	sx	BUD	18004606	BUD			230

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	18004606

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.42	104.3	Lg	10:50:09.085	-0.2					T__						276931	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.62	233.5	Pg	10:50:07.595	-0.1					T__		44.5			ML	1.5	276926	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.62	233.5	Lg	10:50:16.433	-0.2					T__						276925	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
GZR	0.67	151.9	Pg	10:50:08.800	0.4					T__		61.3			ML	1.7	276927	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	151.9	Lg	10:50:18.204	0.3					T__						276928	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.85	18.2	Pg	10:50:12.270	-0.2					T__		67.8			ML	1.8	276923	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.85	18.2	Lg	10:50:27.133	2.0					T__						276924	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
LOT	1.15	117.6	Pg	10:50:17.163	-0.2					T__		77.0			ML	2.0	276930	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.15	117.6	Lg	10:50:32.282	-1.7					T__						276929	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/09	12:05:34.58	1.07	1.00	47.8322	19.8341	7.1	3.9	176	0.0f		14	9	147	0.10	1.62	sx	BUD	18004610	BUD			208

Magnitude	Err	Nsta	Author	OrigID

ML 1.7 0.1 5 BUD 18004610

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
PSZ	0.10	25.2	Pg	12:05:36.755	-0.5					T__		1247.0		---	ML	1.7 277003	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	0.10	25.2	Lg	12:05:39.202	-0.5					T__				---		277013	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
HU03A	0.17	294.5	Pg	12:05:38.253	-0.4					T__		654.6		---	ML	1.6 277005	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU03A	0.17	294.5	Lg	12:05:42.160	0.4					T__				---		277004	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
HU23A	0.34	124.4	Lg	12:05:47.837	-0.0					T__				---		277014	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU02A	0.55	57.7	Pg	12:05:46.615	0.4					T__		47.8		---	ML	1.5 277006	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	0.55	57.7	Lg	12:05:53.481	-1.6					T__				---		277007	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=0)																										
HU10A	0.55	271.7	Lg	12:05:55.179	0.1					T__				---		277008	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KECS	0.78	33.6	Pg	12:05:51.454	1.2					T__		125.3		---	ML	2.0 277010	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	0.78	33.6	Lg	12:06:02.118	-0.1					T__				---		277009	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=0)																										
JOS	0.81	35.2	Pg	12:05:51.911	1.1					T__		61.1		---	ML	1.7 277011	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.81	35.2	Lg	12:06:02.501	-0.7					T__				---		277012	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
ABAH	1.05	63.3	Lg	12:06:10.399	-1.4					T__				---		277015	FDSN	HU	--	BUD	iLoc	HHN	???	_		
NIE	1.62	10.8	Sn	12:06:27.493	1.5					T__				---		277016	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
2022/11/09	13:52:26.42	1.24	1.21	48.8787	20.6777	10.0	5.7	86	0.0f		9	7	126	0.39	1.09	sx	BUD	18004612	BUD			237

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.39	193.5	Pg	13:52:35.267	0.9					T__		134.3		---	ML	1.5 277061	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.39	193.5	Lg	13:52:40.709	0.3					T__				---		277066	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
KECS	0.42	197.9	Pg	13:52:35.377	0.6					T__		128.9		---	ML	1.6 277062	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	0.42	197.9	Lg	13:52:41.037	-0.1					T__				---		277067	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
NIE	0.59	335.5	Lg	13:52:45.474	-0.7					T__				---		277068	FDSN	PL	--	BUD	iLoc	BHN	???	_		
ABAH	0.69	147.2	Lg	13:52:50.249	-1.4					T__				---		277064	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU02A	0.76	187.7	Lg	13:52:52.221	-1.8					T__				---		277063	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KOLS	1.05	86.4	Lg	13:53:02.958	0.5					T__				---		277065	FDSN	SK	--	BUD	iLoc	HHN	???	_		
PSZ	1.09	208.8	Sn	13:53:03.688	-1.2					T__				---		277069	FDSN	GE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/10	08:07:48.99	0.98	0.74	46.7708	21.2810	4.5	3.7	27	5.6		7.6	36	23	79	0.16	2.26	ke	BUD	18004614	BUD			105

Magnitude	Err	Nsta	Author	OrigID																															
ML	2.4	0.2	14 BUD	18004614	Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L						
					HU24A	0.16	329.0	Pg	08:07:52.239	-0.5					T__		6068.6		_c_	ML	2.5	277197	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU24A	0.16	329.0	Lg	08:07:55.709	-0.1					T__				---			277198	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					(Reading ML: 2.5 magdef=1)																														
					(Station ML: 2.5 magdef=1)																														
					HU06A	0.49	263.5	Pg	08:07:59.233	-0.2					T__		660.2		---	ML	2.5	277200	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU06A	0.49	263.5	Lg	08:08:07.869	0.9					T__				---			277201	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					(Reading ML: 2.5 magdef=1)																														
					(Station ML: 2.5 magdef=1)																														
					HU05A	0.79	352.9	Pg	08:08:04.720	-0.4					T__		742.9		---	ML	2.8	277204	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU05A	0.79	352.9	Lg	08:08:16.232	-0.3					T__				---			277199	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					(Reading ML: 2.8 magdef=1)																														
					(Station ML: 2.8 magdef=0)																														
					BSZH	0.87	307.7	Lg	08:08:19.295	0.0					T__				---			277205	FDSN	HU	--	BUD	iLoc	HHN	???	_					
					HU13A	0.88	284.7	Pn	08:08:06.782	-1.2					T__		244.0		---	ML	2.4	277226	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU13A	0.88	284.7	Lg	08:08:18.503	-1.1					T__				---			277227	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					(Reading ML: 2.4 magdef=1)																														
					(Station ML: 2.4 magdef=1)																														
					HU14A	0.89	249.1	Pg	08:08:07.376	0.4					T__		526.1		---	ML	2.7	277202	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU14A	0.89	249.1	Lg	08:08:20.925	1.2					T__				---			277203	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					(Reading ML: 2.7 magdef=1)																														
					(Station ML: 2.7 magdef=1)																														
					DRGR	0.98	88.3	Pg	08:08:07.851	-0.6					T__		192.6		---	ML	2.3	277195	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_					
					DRGR	0.98	88.3	Lg	08:08:21.509	-0.8					T__				---			277196	FDSN	RO	--	BUD	iLoc	HHN	???	_					
					(Reading ML: 2.3 magdef=1)																														
					(Station ML: 2.3 magdef=1)																														
					HU23A	1.12	321.4	Sn	08:08:25.964	-1.0					T__				---			277206	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					HU21A	1.16	248.3	Sn	08:08:28.375	0.5					T__				---			277228	FDSN	ZJ	00	BUD	iLoc	HHE	???	_					
					BZS	1.18	168.5	Pn	08:08:11.644	-0.4					T__		41.6		---	ML	1.8	277208	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_					
					BZS	1.18	168.5	Lg	08:08:27.420	-0.1					T__				---			277207	FDSN	RO	--	BUD	iLoc	HHN	???	_					
					(Reading ML: 1.8 magdef=1)																														
					(Station ML: 1.8 magdef=0)																														
					HU01A	1.27	297.4	Sn	08:08:30.755	0.0					T__				---			277210	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					HU07A	1.29	19.3	Sn	08:08:31.286	0.2					T__				---			277209	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					DEV	1.43	127.7	Sn	08:08:34.159	-0.5					T__				---			277211	FDSN	RO	--	BUD	iLoc	HHN	???	_					
					HU02A	1.45	339.5	Pn	08:08:15.190	-0.6					T__		48.5		---	ML	2.0	277213	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_					
					HU02A	1.45	339.5	Sn	08:08:35.057	-0.1					T__				---			277212	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
					(Reading ML: 2.0 magdef=1)																														
					(Station ML: 2.0 magdef=0)																														
					PSZ	1.49	321.1	Sn	08:08:36.144	-0.0					T__				---			277214	FDSN	GE	--	BUD	iLoc	HHN	???	_					
					ABAH	1.53	359.0	Pn	08:08:17.344	0.5					T__		66.3		---	ML	2.2	277216	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					ABAH	1.53	359.0	Sn	08:08:36.333	-0.7					T__				---			277215	FDSN	HU	--	BUD	iLoc	HHN	???	_					
					(Reading ML: 2.2 magdef=1)																														
					(Station ML: 2.2 magdef=1)																														
					CJR	1.59	91.2	Lg	08:08:40.108	-1.1					T__				---			277217	FDSN	RO	--	BUD	iLoc	HHN	???	_					
					TRPA	1.61	31.7	Pn	08:08:19.083	1.2					T__		57.3		---	ML	2.2	277219	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_					
					TRPA	1.61	31.7	Sn	08:08:39.606	0.6					T__				---			277218	FDSN	HU	--	BUD	iLoc	HHN	???	_					
					(Reading ML: 2.2 magdef=1)																														
					(Station ML: 2.2 magdef=1)																														

GZR	1.73	142.4	Pn	08:08:20.900	1.2	T__	97.1	---	ML	2.4	277221	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.73	142.4	Lg	08:08:43.833	-0.7	T__		---			277220	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
KECS	1.80	342.9	Pg	08:08:24.780	0.3	T__	120.9	---	ML	2.6	277222	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
JOS	1.80	344.1	Pn	08:08:21.433	0.9	T__	38.9	---	ML	2.1	277223	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.80	344.1	Pg	08:08:24.793	0.3	T__		---			277224	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
LOT	2.18	126.5	Pg	08:08:30.667	-0.1	T__	148.8	---	ML	2.9	277229	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	2.18	126.5	Lg	08:08:58.852	-0.6	T__		---			277225	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
KOLS	2.26	16.8	Pg	08:08:33.548	1.3	T__		---			277230	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
2022/11/10	09:26:31.65	0.95	0.51	48.5242	20.8116	4.8	4.7	21	0.0f		12	8	86	0.18	1.22	sx	BUD	18004616	BUD			165

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	18004616

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	261.2	Pg	09:26:35.459	-0.1					T__		333.3		---	ML	1.3	277283	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	261.2	Lg	09:26:39.001	0.4					T__				---		277284	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.22	259.4	Pg	09:26:35.952	-0.3					T__		900.3		---	ML	1.9	277286	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	259.4	Lg	09:26:39.969	0.1					T__				---		277285	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.37	128.5	Lg	09:26:45.888	0.2					T__				---		277288	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.45	205.5	Pg	09:26:41.339	0.2					T__		42.0		---	ML	1.2	277282	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	205.5	Lg	09:26:48.606	0.2					T__				---		277289	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.86	225.7	Lg	09:27:02.812	-0.0					T__				---		277290	FDSN	GE	--	BUD	iLoc	HHN	???	_	
NIE	0.96	339.5	Pg	09:26:50.370	0.7					T__		19.1		---	ML	1.3	277287	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.96	339.5	Lg	09:27:02.677	-0.6					T__				---		277291	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOLS	1.05	66.5	Lg	09:27:07.253	-0.8					T__				---		277292	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.22	108.2	Sn	09:27:12.393	-0.7					T__				---		277293	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
2022/11/10	09:47:46.22	1.00	1.28	48.2587	21.2135	7.6	3.9	173	0.0f		14	8	151	0.04	1.31	sx	BUD	18004620	BUD			203

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	18004620



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.04	25.0	Pg	09:47:47.656	0.0					T__		11459.1		---	ML	2.5 277366	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.04	25.0	Lg	09:47:48.734	-0.4					T__				---		277371	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																								
(Station ML: 2.5 magdef=0)																								
HU02A	0.48	253.7	Pg	09:47:56.475	0.0					T__		50.2		---	ML	1.3 277368	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	253.7	Lg	09:48:04.601	0.3					T__				---		277369	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
JOS	0.51	298.1	Pg	09:47:57.188	0.7					T__		56.0		---	ML	1.5 277367	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	298.1	Lg	09:48:04.163	-0.1					T__				---		277374	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
KECS	0.53	295.1	Pg	09:47:57.735	0.7					T__		138.7		---	ML	1.9 277370	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.53	295.1	Lg	09:48:05.149	-0.1					T__				---		277377	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
TRPA	0.90	97.7	Pg	09:48:03.776	0.1					T__		76.1		---	ML	1.9 277373	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.90	97.7	Lg	09:48:15.900	-2.5					T__				---		277372	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
PSZ	0.95	249.4	Lg	09:48:20.091	-0.3					T__				---		277379	FDSN	GE	--	BUD	iLoc	HHN	???	_
KOLS	0.97	45.8	Pg	09:48:06.781	1.9					T__				---		277375	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.97	45.8	Lg	09:48:19.125	-1.6					T__				---		277378	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	1.31	332.9	Pg	09:48:08.852	-2.1					T__		25.6		---	ML	1.6 277376	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/10	11:02:00.23	3.44	0.46	46.8800	22.8580	27.4	11.2	177	0.0f		6	4	287	0.13	1.57	sx	BUD	18004622	BUD			313

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.13	228.8	Pg	11:02:03.122	-0.2					T__		299.9		---	ML	1.1 277429	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.13	228.8	Lg	11:02:05.824	-0.1					T__				---		277430	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
GZR	1.49	182.2	Pn	11:02:28.466	0.2					T__		26.3		---	ML	1.7 277432	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.49	182.2	Sn	11:02:48.478	0.0					T__				---		277431	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
BZS	1.53	214.7	Sn	11:02:50.082	0.7					T__				---		277433	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.57	155.8	Sn	11:02:50.214	-0.2					T__				---		277434	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/10	12:11:56.41	0.78	0.52	47.3548	18.4216	4.9	3.8	155	0.0f		13	11	100	0.11	1.29	sx	BUD	18004624	BUD			112

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	274.4	Pg	12:11:59.105	-0.1					T__		2644.1		---	ML	2.0	277477	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	274.4	Lg	12:12:01.405	-0.6					T__				---		277485	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU09A	0.29	354.7	Lg	12:12:07.696	-0.2					T__				---		277479	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU08A	0.35	282.9	Lg	12:12:10.143	0.2					T__				---		277478	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
A267A	0.41	174.2	Lg	12:12:11.640	-0.4					T__				---		277480	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
BUD	0.43	72.3	Lg	12:12:12.597	-0.4					T__				---		277486	FDSN	HU	--	BUD	iLoc	HNN	???	_	
MPLH	0.63	253.2	Lg	12:12:19.236	0.3					T__				---		277481	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU10A	0.64	39.2	Lg	12:12:20.097	-0.0					T__				---		277487	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	1.14	59.9	Pn	12:12:20.258	0.5					T__		48.9		---	ML	1.8	277483	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.14	59.9	Sn	12:12:36.447	0.2					T__				---		277488	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MORH	1.15	172.3	Sn	12:12:35.450	-0.7					T__				---		277482	FDSN	HU	--	BUD	iLoc	HNN	???	_	
MODS	1.28	323.3	Sn	12:12:39.139	-0.3					T__				---		277489	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KOVH	1.29	190.0	Sn	12:12:40.489	0.9					T__				---		277484	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/10	12:21:02.60	0.92	0.96	47.8767	16.0783	6.3	4.0	30	0.0f		7	5	82	0.15	1.20	sx	BUD	18004626	BUD			158

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	289.6	Pg	12:21:05.989	0.1					T__		264.3		---	ML	1.2	277508	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	289.6	Lg	12:21:08.837	0.5					T__				---		277509	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
RONA	0.23	140.2	Pg	12:21:07.449	-0.0					T__				---		277511	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	140.2	Lg	12:21:11.247	0.4					T__				---		277510	FDSN	OE	--	BUD	iLoc	HNN	???	_	
ARSA	0.73	211.2	Lg	12:21:25.855	-0.1					T__				---		277512	FDSN	OE	--	BUD	iLoc	HNN	???	_	
MODS	0.94	57.8	Lg	12:21:37.102	0.8					T__				---		277513	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KRUC	1.20	10.0	Sn	12:21:42.142	-1.6					T__				---		277514	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/11	08:00:10.26	0.79	1.29	48.2596	18.8158	4.7	3.2	21	0.0f		19	14	129	0.44	1.39	sx	BUD	18004630	BUD			160

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 4 BUD 18004630

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.44	161.8	Pg	08:00:21.472	2.0					T__		170.8		---	ML	1.7	277582	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.44	161.8	Lg	08:00:25.526	-1.2					T__				---		277591	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SRO	0.56	217.2	Lg	08:00:29.528	-1.5					T__				---		277592	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU03A	0.63	123.8	Lg	08:00:33.268	0.1					T__				---		277593	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU09A	0.69	205.3	Lg	08:00:33.554	-1.9					T__				---		277594	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	

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PSZ 0.80 114.9 Pg 08:00:28.046 0.8 T__ 47.5 ___ ML 1.6 277583 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.80 114.9 Lg 08:00:37.395 -2.0 T__ ___ 277584 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JAVC 0.97 308.7 Pg 08:00:30.638 0.6 T__ 88.0 ___ ML 2.0 277596 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.97 308.7 Lg 08:00:44.077 -0.8 T__ ___ 277595 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU08A 1.02 216.3 Lg 08:00:44.603 -1.9 T__ ___ 277597 FDSN ZJ 00 BUD iLoc HHN ??? _
MODS 1.03 276.9 Pg 08:00:32.939 1.8 T__ ___ 277590 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.03 276.9 Lg 08:00:46.103 -0.8 T__ ___ 277598 FDSN SK -- BUD iLoc HHN ??? _
HU01A 1.06 149.1 Sn 08:00:47.126 -0.8 T__ ___ 277599 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 1.14 78.0 Sn 08:00:49.007 -0.7 T__ ___ 277586 FDSN SK -- BUD iLoc EHN ??? _
ZST 1.15 267.5 Sn 08:00:49.327 -0.7 T__ ___ 277600 FDSN SK -- BUD iLoc HHN ??? _
HU02A 1.15 96.2 Sn 08:00:49.446 -0.7 T__ ___ 277585 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 1.17 77.7 Pg 08:00:34.035 0.6 T__ 50.8 ___ ML 1.9 277588 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.17 77.7 Sn 08:00:50.322 -0.3 T__ ___ 277587 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 1.39 218.8 Sn 08:00:56.311 0.4 T__ ___ 277589 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
2022/11/11 08:32:26.68 0.96 0.69 46.9317 17.3679 5.1 4.4 35 0.0f 8 5 127 0.15 1.06 sx BUD 18004632 BUD 191

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 3 BUD 18004632

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BADH 0.15 150.3 Lg 08:32:32.383 -0.7 T__ 277652 FDSN HU -- BUD iLoc HHN ??? _
A261A 0.15 277.8 Pg 08:32:30.646 0.3 T__ 1225.4 ___ ML 1.8 277649 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A261A 0.15 277.8 Lg 08:32:32.770 -0.6 T__ ___ 277653 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MPLH 0.27 26.1 Pg 08:32:33.008 0.4 T__ 145.0 ___ ML 1.2 277655 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.27 26.1 Lg 08:32:36.575 -0.8 T__ ___ 277654 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KOVH 0.98 148.8 Pg 08:32:47.247 0.6 T__ 34.6 ___ ML 1.6 277650 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.98 148.8 Lg 08:32:59.893 -0.6 T__ ___ 277656 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 1.06 316.9 Lg 08:33:01.862 0.0 T__ ___ 277651 FDSN OE -- 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
2022/11/11 08:43:42.19 0.76 0.63 48.9681 19.3447 5.3 4.2 37 0.0f 15 8 104 0.77 1.43 sx BUD 18004634 BUD 144

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 7 BUD 18004634

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Sta 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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NIE	0.77	53.9	Pg	08:43:56.968	0.2	T__	58.1	---	ML	1.7	277696	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.77	53.9	Lg	08:44:09.056	1.3	T__		---			277697	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
KECS	0.90	122.3	Pg	08:44:00.292	0.3	T__	177.2	---	ML	2.2	277693	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.90	122.3	Lg	08:44:12.818	-0.5	T__		---			277698	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
JOS	0.92	120.4	Pg	08:44:00.620	0.2	T__	63.6	---	ML	1.8	277692	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.92	120.4	Lg	08:44:13.584	-0.5	T__		---			277699	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JAVC	1.11	265.0	Pg	08:44:04.986	0.4	T__	84.1	---	ML	2.0	277701	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.11	265.0	Sn	08:44:20.689	-0.4	T__		---			277700	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
PSZ	1.11	160.6	Pn	08:44:05.879	0.8	T__	56.3	---	ML	1.9	277695	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.11	160.6	Sn	08:44:20.669	-0.5	T__		---			277702	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU02A	1.15	136.7	Pn	08:44:05.149	-0.5	T__	38.2	---	ML	1.7	277694	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.15	136.7	Lg	08:44:21.253	-0.6	T__		---			277703	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
OJC	1.29	13.1	Pg	08:44:06.756	-0.8	T__	58.0	---	ML	2.0	277705	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.29	13.1	Lg	08:44:24.138	0.1	T__		---			277704	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MORC	1.43	305.2	Lg	08:44:28.274	-0.2	T__		---			277706	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/11	09:16:31.11	1.39	1.68	46.0786	18.3426	13.0	4.1	166	0.0f	6	4	216	0.17	0.51	sx	BUD	18004636	BUD				280

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.17	273.4	Pg	09:16:35.076	-0.1					T__		665.3		---	ML	1.6	277738	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.17	273.4	Lg	09:16:37.924	-0.4					T__				---		277737	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	0.25	56.8	Pg	09:16:36.902	0.2					T__		333.7		---	ML	1.5	277735	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	56.8	Lg	09:16:40.846	-0.3					T__				---		277736	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A266A	0.45	353.1	Lg	09:16:46.308	-1.6					T__				---		277739	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A265A	0.51	312.5	Lg	09:16:51.942	2.4					T__				---		277740	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/11/11	09:24:24.88	1.03	0.52	48.5379	20.8106	9.0	5.3	6	0.0f	9	7	129	0.19	1.22	sx	BUD	18004638	BUD						211

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 3 BUD 18004638

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.19	256.9	Pg	09:24:28.712	-0.1					T__		402.7		___	ML	1.4 277763	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	256.9	Lg	09:24:32.245	0.4					T__				---		277764	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
KECS	0.22	255.9	Pg	09:24:29.223	-0.3					T__		1620.3		___	ML	2.1 277766	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	255.9	Lg	09:24:33.505	0.3					T__				---		277765	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
ABAH	0.37	130.1	Lg	09:24:39.841	0.6					T__				---		277768	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.46	204.7	Lg	09:24:41.594	-0.5					T__				---		277767	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.87	225.0	Lg	09:24:57.115	0.8					T__				---		277769	FDSN	GE	--	BUD	iLoc	HHN	???	_
NIE	0.94	339.3	Pn	09:24:45.465	0.0					T__		28.4		---	ML	1.5 277770	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
TRPA	1.22	108.8	Sn	09:25:06.135	-0.3					T__				---		277771	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  
 2022/11/11 10:07:43.02 0.95 0.91 48.3900 20.6152 5.5 3.3 60 0.0f 8 4 127 0.12 0.43 sx BUD 18004640 BUD 218

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.0 4 BUD 18004640

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.12	334.5	Pg	10:07:45.816	0.2					T__		478.4		_c_	ML	1.3 277846	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	334.5	Lg	10:07:47.304	-0.4					T__				---		277847	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
KECS	0.13	317.3	Pg	10:07:46.231	0.4					T__		385.5		___	ML	1.2 277849	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.13	317.3	Lg	10:07:47.858	-0.3					T__				---		277848	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
HU02A	0.27	192.7	Pg	10:07:49.432	0.3					T__		41.2		___	ML	0.7 277850	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.27	192.7	Lg	10:07:53.463	-0.5					T__				---		277851	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																								
ABAH	0.43	102.5	Pg	10:07:52.512	0.7					T__		65.7		___	ML	1.3 277853	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	102.5	Lg	10:07:57.529	-1.7					T__				---		277852	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/11 10:23:14.30 0.95 0.30 47.8717 16.0516 7.7 3.9 33 0.0f 7 4 157 0.14 1.21 sx BUD 18004642 BUD 235

Magnitude Err Nsta Author OrigID

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

CONA	0.14	294.0	Pg	10:23:17.491	0.2	T__				89.6	---	ML	0.6	277877	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	294.0	Lg	10:23:19.186	-0.3	T__					---			277878	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																						
(Station ML: 0.6 magdef=1)																						
RONA	0.24	136.1	Pg	10:23:19.290	-0.0	T__					---			277880	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.24	136.1	Lg	10:23:23.062	0.2	T__					---			277879	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.96	58.1	Lg	10:23:48.633	-0.0	T__					---			277881	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.21	10.7	Pg	10:23:37.854	0.3	T__				46.6	---	ML	1.8	277883	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	10.7	Sn	10:23:55.380	-0.3	T__					---			277882	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/11	10:25:02.03	1.28	0.68	48.9285	19.7595	11.5	4.3	83	0.0f		10	6	186	0.60	1.29	sx	BUD	18004644	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	18004644

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
NIE	0.60	35.7	Pg	10:25:13.858	0.4					T__		33.2		---	ML	1.4	277915	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.60	35.7	Lg	10:25:22.002	-0.1					T__				---		277916	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
JOS	0.67	129.7	Pg	10:25:15.465	0.1					T__		47.6		---	ML	1.6	277909	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	129.7	Lg	10:25:25.508	0.0					T__				---		277910	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.95	147.5	Pg	10:25:21.527	-0.0					T__		35.9		---	ML	1.6	277912	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.95	147.5	Lg	10:25:35.112	-0.3					T__				---		277911	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.01	174.9	Pg	10:25:24.376	1.1					T__		46.7		---	ML	1.7	277914	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.01	174.9	Sn	10:25:37.303	-1.3					T__				---		277913	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	1.17	122.2	Lg	10:25:42.164	0.4					T__				---		277917	FDSN	HU	--	BUD	iLoc	HHN	???	_	
OJC	1.29	1.1	Pg	10:25:27.468	-0.1					T__		74.1		---	ML	2.1	277918	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/11	13:03:52.00	1.08	0.98	48.3327	19.8877	6.9	3.7	118	0.0f		13	7	169	0.41	1.12	sx	BUD	18004648	BUD			224

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	18004648

Sta	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	179.4	Pg	13:04:01.497	0.4					T__		194.2		---	ML	1.7	278125	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	179.4	Lg	13:04:08.107	0.2					T__				---		278126	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

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(Station ML: 1.7 magdef=1
KECS 0.43 69.1 Pg 13:04:01.460 0.8 T__ 286.9 --- ML 1.9 278119 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.43 69.1 Lg 13:04:06.975 -0.3 T__ --- 278127 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.46 69.2 Pg 13:04:01.825 0.5 T__ 157.7 --- ML 1.8 278120 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.46 69.2 Lg 13:04:07.486 -1.0 T__ --- 278129 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU03A 0.47 204.3 Lg 13:04:08.229 -1.0 T__ --- 278128 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.48 116.1 Pg 13:04:02.191 0.1 T__ 102.4 --- ML 1.6 278122 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 116.1 Lg 13:04:09.786 -0.1 T__ --- 278121 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ABAH 0.90 91.8 Pg 13:04:10.809 0.9 T__ 106.5 --- ML 2.0 278123 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.90 91.8 Lg 13:04:22.458 -1.6 T__ --- 278130 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 1.12 13.9 Pg 13:04:13.986 0.8 T__ 88.5 --- ML 2.1 278124 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.12 13.9 Lg 13:04:28.046 -1.5 T__ --- 278131 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/12 01:08:08.62 1.27 0.88 45.5373 16.3000 9.1 5.9 16 5.0f 12 8 155 0.36 1.77 ke BUD 18004656 BUD 229

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 18004656

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZAG 0.36 323.0 Pg 01:08:15.483 -0.4 T__ 395.4 --- ML 1.9 278333 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.36 323.0 Lg 01:08:21.673 0.7 T__ --- 278332 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PTJ 0.44 327.9 Pg 01:08:16.287 -1.3 T__ 77.2 --- ML 1.4 278330 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.44 327.9 Lg 01:08:23.152 -0.9 T__ --- 278331 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
CRES 0.66 296.3 Pg 01:08:22.185 0.8 T__ 76.4 --- ML 1.7 278334 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.66 296.3 Lg 01:08:31.533 0.5 T__ --- 278335 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOGS 0.91 357.8 Pg 01:08:26.457 0.2 T__ 62.9 --- ML 1.8 278336 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.91 357.8 Lg 01:08:39.513 1.4 T__ --- 278337 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A264A 0.93 47.7 Lg 01:08:39.634 0.2 T__ --- 278340 FDSN ZJ 00 BUD iLoc HHN ??? _
BEHE 0.99 19.4 Pg 01:08:28.557 0.7 T__ 160.5 --- ML 2.3 278338 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
BLY 1.01 141.3 Lg 01:08:40.333 -0.6 T__ --- 278341 FDSN MN -- BUD iLoc HHN ??? _
MORH 1.77 66.7 Sn 01:09:02.958 -0.3 T__ --- 278339 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
2022/11/13	09:24:05.99	1.28	0.52	45.9032	16.0140	7.9	4.6	69	5.0f	7	4	177	0.03	0.57	ke	BUD	18004664	BUD				277

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	18004664

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.03	276.7	Pg	09:24:07.220	-0.3					T__		421.0		___	ML	1.0	278633	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	276.7	Lg	09:24:08.364	-0.6					T__				---		278634	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ZAG	0.08	193.9	Pg	09:24:07.728	-0.2					T__		2352.7		___	ML	1.9	278636	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	193.9	Lg	09:24:09.457	0.1					T__				---		278635	FDSN	CR	--	BUD	iLoc	BHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
CRES	0.40	259.0	Pg	09:24:14.262	0.5					T__		68.3		___	ML	1.2	278638	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	259.0	Lg	09:24:20.110	0.4					T__				---		278637	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KOGS	0.57	16.7	Lg	09:24:25.093	0.4					T__				---		278639	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	
2022/11/14	09:36:39.50	0.41	1.16	46.8578	17.2660	4.9	3.3	63	0.0A	0.0	11	8	148	0.15	1.15	m	kx	BUD	18004670	BUD			360
2022/11/14	09:36:37.98	0.92	1.02	46.8902	17.3220f				0.0f		11	8	116	0.13	1.13		kx	BUD_GT	18004671	BUD_GT			206
(locality : Uzsa Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	3 BUD	18004671

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BADH	0.13	129.3	Pg	09:36:40.553	-0.7					T__		1183.2		___	ML	1.7	278743	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BADH	0.13	129.3	Lg	09:36:43.446	-0.6					T__				---		278746	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A261A	0.13	297.5	Pg	09:36:42.598	1.3					T__		2855.2		___	ML	2.1	278744	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	297.5	Lg	09:36:44.818	0.8					T__				---		278745	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A263A	0.25	181.1	Lg	09:36:45.887	-1.8					T__				---		278747	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.32	27.9	Pg	09:36:44.077	-0.9					T__		244.1		---	ML	1.6	278742	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	27.9	Lg	09:36:51.196	0.8					T__				---		278748	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
TIH	0.39	88.4	Lg	09:36:54.201	1.6					T__				---		278749	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.80	53.2	Lg	09:37:07.235	-0.1					T__				---		278750	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	0.97	145.9	Lg	09:37:11.547	0.3					T__				---		278751	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.13	126.0	Sn	09:37:16.995	0.3					T__				---		278752	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
2022/11/14	09:41:29.06	0.80	0.94	48.4927	20.7947	5.2	3.4	11	0.0f		13	8	84	0.17	1.22	sx	BUD	18004672	BUD			154

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	5 BUD	18004672

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	271.2	Pg	09:41:31.981	-0.7					T__		270.5		---	ML	1.2	278783	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	271.2	Lg	09:41:35.614	0.1					T__				---		278791	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KECS	0.21	267.5	Lg	09:41:36.920	0.1					T__				---		278784	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.36	123.4	Pg	09:41:36.226	-0.2					T__		84.5		---	ML	1.2	278787	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.36	123.4	Lg	09:41:43.274	0.5					T__				---		278786	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
HU02A	0.41	206.0	Pg	09:41:37.942	0.1					T__		44.7		---	ML	1.1	278785	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.41	206.0	Lg	09:41:45.228	0.6					T__				---		278792	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
PSZ	0.83	226.7	Pg	09:41:47.236	0.6					T__		107.1		---	ML	2.0	278788	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.83	226.7	Lg	09:41:59.561	0.3					T__				---		278793	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
NIE	0.98	340.8	Pg	09:41:48.478	0.9					T__		24.6		---	ML	1.4	278789	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KOLS	1.07	65.2	Pn	09:41:51.874	0.5					T__				---		278790	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.07	65.2	Lg	09:42:04.236	-2.0					T__				---		278794	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.22	106.6	Sn	09:42:08.964	-1.6					T__				---		278795	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
2022/11/14	10:02:27.87	0.94	1.30	48.8738	21.3009	7.5	4.2	155	0.0f		13	7	134	0.58	1.34	sx	BUD	18004674	BUD			234

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	18004674

Sta	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	0.58	184.0	Pg	10:02:40.681	1.2					T__		66.6		---	ML	1.6	278833	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.58	184.0	Lg	10:02:48.241	-0.9					T__				---		278835	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
JOS	0.63	233.4	Pg	10:02:41.119	0.7					T__		48.3		---	ML	1.5	278830	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	233.4	Lg	10:02:48.606	-1.3					T__				---		278836	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KOLS	0.64	84.3	Pg	10:02:39.659	-0.6					T__				---		278834	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.64	84.3	Lg	10:02:51.016	0.3					T__				---		278837	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.67	234.4	Pg	10:02:40.791	-0.4					T__		86.4		---	ML	1.8	278831	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.67	234.4	Lg	10:02:48.934	-2.2					T__				---		278838	FDSN	SK	--	BUD	iLoc	EHN	???	_	

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.85 310.0 Lg 10:02:57.367 1.2 T__ --- 278839 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.91 214.7 Pg 10:02:44.771 -1.8 T__ 32.6 --- ML 1.5 278832 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.91 214.7 Lg 10:02:59.926 -0.4 T__ --- 278840 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
PSZ 1.34 225.0 Pn 10:02:54.328 0.4 T__ 45.9 --- ML 1.9 278842 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.34 225.0 Sn 10:03:13.829 1.4 T__ --- 278841 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/15 09:29:36.09 2.76 0.55 46.8975 22.8571 23.0 7.7 168 0.0f 7 5 246 0.15 1.54 sx BUD 18004676 BUD 314

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.15 223.5 Pg 09:29:39.188 -0.2 T__ 349.9 --- ML 1.2 278901 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.15 223.5 Lg 09:29:41.772 -0.4 T__ --- 278902 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CJR 0.54 109.6 Lg 09:29:54.637 -0.7 T__ --- 278906 FDSN RO -- BUD iLoc HHN ??? _
DEV 1.02 178.2 Lg 09:30:10.028 0.3 T__ --- 278907 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.51 182.2 Pn 09:30:05.021 0.6 T__ 42.3 --- ML 2.0 278905 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.51 182.2 Sn 09:30:24.814 0.1 T__ --- 278904 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BZS 1.54 214.3 Sn 09:30:25.636 0.1 T__ --- 278903 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/15 09:31:54.30 0.88 1.24 47.8958 19.4125 8.6 2.5 162 0.0f 14 8 150 0.13 0.96 sx BUD 18004678 BUD 163

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Magnitude Err Nsta Author OrigID  
ML 2.1 0.1 7 BUD 18004678

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.13 86.3 Pg 09:31:58.504 1.1 T__ 2929.2 --- ML 2.1 278980 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.13 86.3 Lg 09:31:59.972 0.1 T__ --- 278981 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU10A 0.27 259.3 Pg 09:32:01.205 1.0 T__ 998.7 --- ML 2.1 278974 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.27 259.3 Lg 09:32:03.944 -1.1 T__ --- 278977 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
PSZ 0.33 85.8 Pg 09:32:02.083 0.4 T__ 219.0 --- ML 1.5 278983 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 85.8 Lg 09:32:06.457 -0.8 T__ --- 278982 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
BUD 0.49 212.6 Lg 09:32:12.299 -0.5 T__ --- 278984 FDSN HU -- BUD iLoc HHN ??? _

```

HU09A	0.74	250.1	Pg	09:32:10.097	0.8	T__	154.9	___	ML	2.1	278985	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.74	250.1	Lg	09:32:18.965	-2.5	T__		---			278978	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
HU02A	0.78	72.7	Pg	09:32:09.713	-0.8	T__	74.6	___	ML	1.8	278975	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	72.7	Lg	09:32:21.728	-1.1	T__		---			278979	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KECS	0.93	50.3	Pg	09:32:14.318	1.5	T__	109.3	___	ML	2.1	278986	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
JOS	0.96	51.1	Pg	09:32:13.995	0.5	T__	51.9	___	ML	1.8	278976	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.96	51.1	Lg	09:32:27.593	-0.9	T__		---			278987	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/15	09:55:12.84	1.22	0.82	48.4374	17.4763	9.8	3.3	122	0.0f		10	6	209	0.15	1.19	sx	BUD	18004680	BUD			274

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.15	244.4	Pg	09:55:15.885	-0.5					T__						279021	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.15	244.4	Lg	09:55:18.889	-0.6					T__						279026	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.35	226.1	Pg	09:55:19.866	-0.4					T__						279022	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.35	226.1	Lg	09:55:26.092	0.1					T__						279027	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.44	16.9	Pg	09:55:22.239	0.0					T__		93.1		___	ML	1.5	279023	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.44	16.9	Lg	09:55:28.794	-0.7					T__				---		279028	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KRUC	0.95	311.5	Pg	09:55:31.278	0.2					T__		70.0		___	ML	1.9	279025	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.95	311.5	Lg	09:55:45.082	0.0					T__				---		279024	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
RONA	1.08	227.4	Lg	09:55:49.788	1.4					T__				---		279029	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.19	245.4	Lg	09:55:52.981	1.2					T__				---		279030	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/16	05:34:08.02	1.31	1.83	47.1328	22.8950	22.4	5.0	117	5.0f		8	5	186	0.36	1.79	ke	BUD	18004684	BUD			309

Magnitude Err Nsta Author OrigID  
ML 2.0 0.2 3 BUD 18004684

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.36	200.3	Pg	05:34:15.776	0.2					T__		279.6		___	ML	1.8	279108	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.36	200.3	Lg	05:34:19.573	-2.1					T__				---		279109	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BMR	0.68	36.8	Pg	05:34:22.075	0.8					T__		140.9		___	ML	2.0	279111	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BMR	0.68	36.8	Lg	05:34:29.379	-2.6					T__				---		279110	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
GZR 1.74 182.7 Pg 05:34:41.028 -0.2 T__ 45.7 ___ ML 2.1 279112 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.74 182.7 Sn 05:35:02.172 0.1 T__ ___ 279113 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BZS 1.76 210.7 Sn 05:35:03.962 1.7 T__ ___ 279114 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.79 159.9 Sn 05:35:04.838 1.5 T__ ___ 279115 FDSN RO -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/16	08:05:05.13	0.26	1.01	46.9007	17.3015	3.0	2.7	41	0.0A	0.0	18	14	71	0.14	1.26	m	kx BUD	18004686	BUD			360
2022/11/16	08:05:02.50	0.88	1.34	46.8548	17.2699f				0.0f		18	14	68	0.13	1.26		kx BUD_GT	18004687	BUD_GT			117

(locality : Várvölgy Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 BUD	18004687

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
A261A	0.13	319.5	Lg	08:05:09.531	1.1					T__						279188	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BADH	0.15	109.5	Lg	08:05:09.765	0.8					T__						279189	FDSN	HU	--	BUD	iLoc	HHN	???	_
A263A	0.22	171.8	Lg	08:05:13.058	1.9					T__						279174	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.37	30.2	Pg	08:05:08.417	-2.0					T__		863.5				279190	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.37	30.2	Lg	08:05:14.926	-1.6					T__						279191	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																								
TIH	0.43	83.7	Lg	08:05:18.040	-0.4					T__						279175	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	0.73	37.5	Pg	08:05:18.440	1.1					T__		141.1				279177	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.73	37.5	Lg	08:05:27.497	-1.7					T__						279176	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																								
A266A	0.76	115.3	Lg	08:05:30.626	1.4					T__						279179	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KOGS	0.81	240.3	Sn	08:05:34.125	0.9					T__						279180	FDSN	SL	--	BUD	iLoc	BHN	???	_
CSKK	0.85	52.7	Lg	08:05:31.275	-2.3					T__						279178	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	0.96	142.9	Pg	08:05:22.186	0.3					T__		66.4				279187	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.96	142.9	Lg	08:05:36.574	1.1					T__						279186	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																								
RONA	1.07	322.3	Lg	08:05:39.203	1.0					T__						279181	FDSN	OE	--	BUD	iLoc	HHN	???	_
HU09A	1.09	43.6	Sn	08:05:39.847	-0.8					T__						279182	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.14	123.5	Pg	08:05:26.301	1.0					T__		47.8				279184	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.14	123.5	Lg	08:05:43.392	1.4					T__						279183	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
ARSA	1.26	289.0	Sn	08:05:44.597	0.6					T__						279185	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/16	08:29:42.30	0.86	1.17	48.4269	17.2787	5.9	2.9	104	0.0f		14	9	125	0.05	1.47	sx	BUD	18004688	BUD			150

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.05	181.0	Pg	08:29:44.351	0.3					T__						279250	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.05	181.0	Lg	08:29:45.356	-0.4					T__						279252	FDSN	SK	--	BUD	iLoc	HHN	???	_
ZST	0.26	207.1	Pg	08:29:47.978	-0.0					T__						279254	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.26	207.1	Lg	08:29:51.964	-0.5					T__						279253	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.50	30.9	Pg	08:29:53.837	0.9					T__		254.0				279251	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.50	30.9	Lg	08:29:59.376	-1.7					T__						279255	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
KRUC	0.86	317.7	Pg	08:29:59.044	0.2					T__		72.3				279257	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.86	317.7	Lg	08:30:10.456	-1.2					T__						279256	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
RONA	0.98	222.5	Pg	08:30:03.191	1.4					T__						279259	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.98	222.5	Lg	08:30:14.838	0.2					T__						279258	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.07	242.8	Lg	08:30:18.019	0.7					T__						279260	FDSN	OE	--	BUD	iLoc	HHN	???	_
HU08A	1.09	156.2	Sn	08:30:19.525	-1.0					T__						279261	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORC	1.36	7.2	Lg	08:30:27.559	1.0					T__						279262	FDSN	CZ	--	BUD	iLoc	HHN	???	_
TREC	1.47	307.0	Lg	08:30:27.734	-2.2					T__						279263	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/16	09:01:45.15	1.29	0.62	48.4913	19.3203	8.8	4.8	115	0.0f		12	7	197	0.62	1.13	sx	BUD	18004690	BUD			251

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	18004690

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
HU03A	0.62	162.3	Lg	09:02:07.281	-0.1					T__						279301	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU10A	0.68	197.5	Lg	09:02:09.291	-0.6					T__						279302	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.69	146.0	Pg	09:01:59.945	0.1					T__		63.9				279298	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.69	146.0	Lg	09:02:10.462	0.0					T__						279297	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KECS	0.78	90.2	Pg	09:02:01.405	0.8					T__		113.0				279294	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.78	90.2	Lg	09:02:11.923	-0.3					T__						279293	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=0)																								
JOS	0.81	89.2	Pg	09:02:01.351	0.1					T__		56.7				279291	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	89.2	Lg	09:02:12.964	-0.4					T__						279292	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU02A	0.89	114.2	Pg	09:02:03.487	0.1					T__		65.1				279295	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	114.2	Lg	09:02:16.086	-0.9					T__						279296	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
NIE	1.13	34.5	Pn	09:02:08.636	0.4					T__		34.7				279299	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.13	34.5	Lg	09:02:21.819	-1.1					T__						279300	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/16	10:08:58.67	1.33	1.07	48.5641	20.7749	10.0	3.7	1	0.0f	13	8	181	0.17	1.25	sx	BUD	18004692	BUD				222

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	5 BUD	18004692

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.17	246.5	Pg	10:09:03.104	0.8					T__		373.2		___	ML	1.3	279438	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	246.5	Lg	10:09:05.149	-0.0					T__				---		279439	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)								(Station ML: 1.3 magdef=1)													
KECS	0.21	247.3	Pg	10:09:03.633	0.6					T__		892.4		___	ML	1.8	279440	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	247.3	Lg	10:09:06.153	-0.3					T__				---		279441	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)								(Station ML: 1.8 magdef=1)													
ABAH	0.41	130.7	Pg	10:09:07.979	0.9					T__		119.1		___	ML	1.5	279443	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	130.7	Lg	10:09:13.804	-0.4					T__				---		279444	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)								(Station ML: 1.5 magdef=1)													
HU02A	0.47	200.7	Pg	10:09:09.239	0.6					T__		52.9		___	ML	1.3	279442	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	200.7	Lg	10:09:16.159	-0.2					T__				---		279445	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)								(Station ML: 1.3 magdef=0)													
PSZ	0.87	222.7	Lg	10:09:29.378	-0.9					T__				---		279446	FDSN	GE	--	BUD	iLoc	HHN	???	_	
HU03A	1.03	230.4	Pg	10:09:19.693	-0.2					T__		87.1		___	ML	2.0	279448	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.03	230.4	Lg	10:09:33.433	-1.5					T__				---		279449	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)								(Station ML: 2.0 magdef=0)													
KOLS	1.06	69.0	Lg	10:09:33.001	-2.2					T__				---		279447	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.25	109.6	Sn	10:09:40.000	-1.0					T__				---		279450	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	
2022/11/16	11:02:23.22	0.95	1.64	48.6758	21.3751	7.6	3.6	156	0.0f	14	8	149	0.39	1.30	sx	BUD	18004694	BUD					173

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	18004694

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.39	193.4	Lg	11:02:37.670	-0.4					T__				---		279591	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
JOS	0.58	252.3	Pg	11:02:35.003	0.1					T__		57.3		___	ML	1.6	279582	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.58	252.3	Lg	11:02:43.909	0.2					T__				---		279592	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)								(Station ML: 1.6 magdef=1)													
KECS	0.62	252.3	Pg	11:02:35.824	0.2					T__		97.2		___	ML	1.8	279583	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.62	252.3	Lg	11:02:45.513	0.5					T__				---		279593	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)								(Station ML: 1.8 magdef=1)													
KOLS	0.65	66.2	Pg	11:02:36.628	0.9					T__				---		279586	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.65	66.2	Lg	11:02:44.206	-2.1					T__				---		279596	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HOLU	0.69	102.2	Lg	11:02:44.444	-3.6					T__				---		279594	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
HU02A	0.79	226.0	Pg	11:02:39.220	-0.4					T__		33.4		___	ML	1.5	279584	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	226.0	Lg	11:02:51.418	-0.4					T__				---		279585	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
TRPA 0.95 124.7 Pg 11:02:43.065 1.5 T__ 69.1 ___ ML 1.9 279588 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.95 124.7 Lg 11:02:54.901 -1.9 T__ ___ 279595 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KWP 1.30 41.9 Pg 11:02:48.043 0.4 T__ 110.7 ___ ML 2.3 279590 FDSN PL -- BUD iLoc HHZ HHZ _
KWP 1.30 41.9 Lg 11:03:04.549 -2.2 T__ ___ 279589 FDSN PL -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/16 12:43:03.77 0.83 0.37 47.8709 16.0704 7.9 3.8 33 0.0f 9 6 154 0.15 1.51 sx BUD 18004696 BUD 234

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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
CONA 0.15 292.3 Pg 12:43:07.153 0.1 T__ 109.9 ___ ML 0.8 279627 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.15 292.3 Lg 12:43:09.162 -0.2 T__ ___ 279633 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA 0.23 138.3 Pg 12:43:08.795 0.2 T__ ___ 279628 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.23 138.3 Lg 12:43:11.680 -0.3 T__ ___ 279634 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.95 57.7 Lg 12:43:37.862 0.1 T__ ___ 279635 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.21 10.2 Sn 12:43:44.339 -0.8 T__ ___ 279629 FDSN CZ -- BUD iLoc HHN ??? _
TREC 1.48 345.0 Pn 12:43:31.808 0.2 T__ 84.2 ___ ML 2.2 279631 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.48 345.0 Sn 12:43:51.820 0.1 T__ ___ 279630 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
CKRC 1.51 309.6 Sn 12:43:52.492 -0.0 T__ ___ 279632 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/16 23:09:49.54 1.26 0.62 47.6656 20.3230 10.3 6.4 161 11.3 9.3 10 7 176 0.06 0.84 ke BUD 18004698 BUD 231

```

Magnitude Err Nsta Author OrigID  
ML 1.1 0.0 3 BUD 18004698

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU23A 0.06 241.8 Pg 23:09:52.000 -0.2 T__ 426.0 _d ML 1.1 279663 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.06 241.8 Lg 23:09:54.465 0.3 T__ ___ 279664 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.38 311.3 Lg 23:10:03.684 -0.6 T__ ___ 279665 FDSN GE -- BUD iLoc HHN ??? _
HU02A 0.48 16.5 Pg 23:09:59.434 -0.2 T__ 31.1 ___ ML 1.1 279659 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 16.5 Lg 23:10:07.176 0.1 T__ ___ 279660 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU03A 0.54 296.3 Lg 23:10:09.050 0.1 T__ ___ 279666 FDSN ZJ 00 BUD iLoc HHN ??? _
HU11A 0.63 65.2 Lg 23:10:10.869 -0.8 T__ ___ 279667 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.83 7.5 Sn 23:10:19.292 0.0 T__ ___ 279668 FDSN SK -- BUD iLoc EHN ??? _

```

JOS	0.84	9.8 Pn	23:10:07.626	0.3	T__	33.4	___ ML	1.5	279662	FDSN	ZJ	-- BUD	iLoc	HHZ	HHZ	_
JOS	0.84	9.8 Lg	23:10:19.184	1.0	T__		___		279661	FDSN	ZJ	-- BUD	iLoc	HHN	???	_

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/17	08:41:22.09	1.66	1.62	48.4718	21.6938	14.3	8.4	136	0.0f	9	6	178	0.35	1.86	sx	BUD	18004700	BUD				305

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	18004700

Sta	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	240.0	Pg	08:41:30.054	0.7					T__		323.2		___ ML	1.8	279693	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.35	240.0	Lg	08:41:34.090	-1.5					T__				___		279697	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
KOLS	0.60	39.5	Lg	08:41:41.906	-1.7					T__				___		279698	FDSN	SK	--	BUD	iLoc	HHN	???	_
JOS	0.77	272.2	Pg	08:41:38.034	0.7					T__		33.8		___ ML	1.5	279696	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	272.2	Lg	08:41:48.350	-0.6					T__				___		279699	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																								
KECS	0.80	271.3	Lg	08:41:50.181	0.0					T__				___		279700	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	0.86	246.3	Pg	08:41:40.079	0.3					T__		46.4		___ ML	1.6	279695	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	246.3	Lg	08:41:49.920	-3.0					T__				___		279694	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																								
HU13A	1.86	217.6	Sn	08:42:19.611	0.3					T__				___		279701	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/17	08:45:27.81	0.75	0.58	47.9494	20.4080	10.5	4.1	146	0.0A	0.0	8	5	207	0.19	0.66	m	kx BUD	18004702	BUD				360
2022/11/17	08:45:26.23	0.96	0.96	47.9590	20.3545f				0.0f		8	5	202	0.20	0.68		kx BUD_GT	18004703	BUD_GT				309

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	3 BUD	18004703

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
HU02A	0.20	35.0	Pg	08:45:30.524	-0.4					T__		237.5		___ ML	1.2	279725	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	08:45:33.702	-1.0					T__				___		279729	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																								
PSZ	0.31	262.7	Pg	08:45:34.510	1.2					T__		54.7		___ ML	0.9	279728	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	08:45:39.056	0.3					T__				___		279727	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																								
KECS	0.53	9.4	Lg	08:45:45.016	-0.2					T__				___		279730	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.55	12.9	Pg	08:45:37.668	0.3					T__		38.6		___ ML	1.4	279726	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	12.9	Lg	08:45:45.593	-0.3					T__				___		279731	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1																								



(Station ML: 1.4 magdef=1  
 ABAH 0.68 60.0 Lg 08:45:49.511 -1.9 T\_\_ --- 279732 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
2022/11/17	09:14:05.52	0.70	1.52	48.2343	21.1908	5.0	3.6	173	0.0f	22	14	71	0.07	1.65	sx	BUD	18004706	BUD				86

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	8 BUD	18004706

Sta	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	27.8	Pg	09:14:06.956	-0.5					T__		28106.4		---	ML	2.9	279860	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.07	27.8	Lg	09:14:07.718	-1.7					T__				---		279873	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0)																										
HU11A	0.31	182.9	Lg	09:14:18.415	0.5					T__				---		279878	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
HU02A	0.46	256.1	Pg	09:14:15.520	0.2					T__		95.9		---	ML	1.6	279865	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.46	256.1	Lg	09:14:21.997	-0.9					T__				---		279874	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																										
JOS	0.51	301.3	Pg	09:14:16.159	0.4					T__		97.5		---	ML	1.7	279862	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.51	301.3	Lg	09:14:23.280	-0.3					T__				---		279861	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
KECS	0.53	298.2	Pg	09:14:16.762	0.5					T__		168.6		---	ML	2.0	279863	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_	
KECS	0.53	298.2	Lg	09:14:23.810	-0.6					T__				---		279864	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																										
HU05A	0.68	183.1	Lg	09:14:31.634	0.4					T__				---		279879	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
TRPA	0.91	96.1	Pg	09:14:23.426	0.2					T__		131.8		---	ML	2.1	279868	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TRPA	0.91	96.1	Lg	09:14:34.416	-3.7					T__				---		279875	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																										
PSZ	0.93	250.5	Pg	09:14:25.179	0.1					T__		63.6		---	ML	1.8	279869	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.93	250.5	Lg	09:14:38.656	-0.3					T__				---		279876	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																										
KOLS	1.00	45.4	Pg	09:14:25.544	0.9					T__				---		279867	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
KOLS	1.00	45.4	Lg	09:14:36.646	-4.2					T__				---		279866	FDSN	SK	--	BUD	iLoc	HHN	???	_		
HU03A	1.12	253.4	Pn	09:14:27.589	-0.8					T__		91.9		---	ML	2.1	279871	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																										
NIE	1.32	333.9	Pn	09:14:32.045	0.7					T__		42.6		---	ML	1.9	279870	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																										
HU24A	1.33	180.9	Sn	09:14:48.695	-0.9					T__				---		279877	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
MEZ	1.57	78.9	Pn	09:14:35.477	0.8					T__				---		279872	FDSN	UA	--	BUD	iLoc	BHZ	???	_		
MEZ	1.57	78.9	Sn	09:14:57.719	1.9					T__				---		279880	FDSN	UA	--	BUD	iLoc	BHN	???	_		
BMR	1.65	109.0	Lg	09:15:01.023	-0.4					T__				---		279881	FDSN	RO	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2022/11/17 09:15:38.58 1.01 0.34 46.1773 18.2840 9.5 3.7 154 0.0f 5 3 153 0.16 0.35 sx BUD 18004708 BUD 276

Magnitude Err Nsta Author OrigID

Sta	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	235.3	Pg	09:15:42.461	0.1					T__		411.7		---	ML	1.3 279915	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	235.3	Lg	09:15:45.246	-0.1					T__				---		279914	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
MORH	0.25	81.3	Pg	09:15:44.370	0.2					T__		104.2		---	ML	1.0 279912	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	81.3	Lg	09:15:48.314	-0.4					T__				---		279913	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
A266A	0.35	357.8	Lg	09:15:51.819	-0.1					T__				---		279916	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/17	09:44:41.06	0.76	0.69	48.2287	22.3407	7.4	4.4	174	14.1	7.4	16	9	102	0.17	1.26	ke	BUD	18004710	BUD			146

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 6 BUD 18004710

Sta	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	0.17	126.5	Pg	09:44:45.502	0.3					T__		148.2		---	ML	0.9 279949	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.17	126.5	Lg	09:44:47.437	-1.3					T__				---		279958	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=0)																								
HU07A	0.38	229.3	Pg	09:44:49.464	0.5					T__		322.4		---	ML	1.9 279950	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.38	229.3	Lg	09:44:56.074	0.8					T__				---		279951	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
KOLS	0.71	356.4	Pn	09:44:56.905	0.2					T__				---		279952	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.71	356.4	Lg	09:45:06.071	0.8					T__				---		279959	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	0.74	275.6	Pg	09:44:55.152	-0.4					T__		68.3		---	ML	1.7 279955	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.74	275.6	Lg	09:45:06.856	0.3					T__				---		279954	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MEZ	0.83	69.5	Lg	09:45:10.027	0.9					T__				---		279960	FDSN	UA	--	BUD	iLoc	BHE	???	_
BMR	0.95	125.1	Sn	09:45:13.721	0.3					T__				---		279953	FDSN	RO	--	BUD	iLoc	HHN	???	_
HU02A	1.22	265.7	Pn	09:45:03.041	-0.7					T__		47.8		---	ML	1.9 279962	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.22	265.7	Sn	09:45:19.328	-0.7					T__				---		279961	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
JOS	1.23	283.2	Pn	09:45:03.916	0.1					T__		57.3		---	ML	1.9 279963	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.23	283.2	Sn	09:45:20.349	0.1					T__				---		279964	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
KECS	1.26	282.3	Pn	09:45:03.823	-0.5					T__		109.8		---	ML	2.2 279957	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.26	282.3	Sn	09:45:21.279	0.2					T__				---		279956	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/17	09:48:49.85	1.01	0.40	48.4270	20.7701	8.4	3.5	21	0.0f	8	5	178	0.17	0.78	sx	BUD	18004712	BUD				274

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	3 BUD	18004712

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	294.2	Pg	09:48:53.326	-0.1					T__		88.4		___	ML	0.7	279994	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	294.2	Lg	09:48:56.503	0.2					T__				---		279997	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KECS	0.20	286.6	Pg	09:48:53.965	-0.1					T__		167.5		___	ML	1.1	279996	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	286.6	Lg	09:48:57.571	0.2					T__				---		279995	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ABAH	0.34	112.5	Pg	09:48:57.177	0.2					T__		51.0		___	ML	1.0	280001	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.34	112.5	Lg	09:49:02.290	-0.7					T__				---		280000	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.35	208.3	Lg	09:49:03.003	-0.2					T__				---		279998	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.78	229.4	Lg	09:49:18.362	0.2					T__				---		279999	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/17	12:12:42.52	0.86	0.36	47.8763	16.0656	6.2	3.8	32	0.0f	9	7	80	0.15	1.50	sx	BUD	18004714	BUD				152

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	290.8	Pg	12:12:45.812	0.1					T__		119.1		___	ML	0.8	280024	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	290.8	Lg	12:12:47.364	-0.6					T__				---		280029	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
RONA	0.24	138.6	Pg	12:12:47.309	-0.2					T__				---		280026	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	138.6	Lg	12:12:51.235	0.3					T__				---		280025	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.73	210.6	Lg	12:13:05.896	0.2					T__				---		280030	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.95	58.0	Lg	12:13:16.727	0.2					T__				---		280032	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	10.4	Sn	12:13:23.474	-0.3					T__				---		280031	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
TREC	1.47	345.1	Sn	12:13:30.273	-0.0					T__				---		280027	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.50	309.5	Sn	12:13:31.515	0.4					T__				---		280028	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/17	15:25:38.89	2.11	0.52	45.8658	20.9091	18.0	6.1	168	15.7	10.8	7	4	241	0.51	1.39	ke	BUD	18004716	BUD				307

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	3 BUD	18004716

Sta	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	0.51	161.7	Lg	15:25:56.644	0.1					T__				---		280056	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.55	116.4	Pg	15:25:49.845	-0.1					T__		57.8		___	ML	1.6	280054	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.55	116.4	Lg	15:25:57.483	-0.3					T__				---		280057	FDSN	RO	--	BUD	iLoc	HHZ	???	_	

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 FRGS 1.05 227.9 Pg 15:25:58.768 0.1 T\_\_ 56.4 \_\_\_ ML 1.8 280055 FDSN SJ -- BUD iLoc BHZ BHZ \_  
 FRGS 1.05 227.9 Sn 15:26:12.610 -0.7 T\_\_ \_\_\_ 280053 FDSN SJ -- BUD iLoc BHZ ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 GZR 1.39 109.2 Pn 15:26:03.915 0.1 T\_\_ 35.7 \_\_\_ ML 1.8 280052 FDSN RO -- BUD iLoc HHZ HHZ \_  
 GZR 1.39 109.2 Sn 15:26:22.322 0.4 T\_\_ \_\_\_ 280051 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/18	07:11:48.35	0.27	0.60	47.3126	18.2773	3.6	2.9	92	0.0A	0.0	15	10	100	0.05	1.26	m	kx BUD	18004718	BUD			360
2022/11/18	07:11:46.15	0.87	0.79	47.3167	18.3081f				0.0f		15	10	102	0.06	1.27		kx BUD_GT	18004719	BUD_GT			120

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	5 BUD	18004719

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.06	325.1	Pg	07:11:48.513	0.5					T__		1310.7		___	ML	1.6	280090	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	07:11:49.152	-0.8					T__				___		280091	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU08A	0.29	293.8	Pg	07:11:53.096	0.7					T__		168.4		___	ML	1.3	280092	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.29	293.8	Lg	07:11:57.259	-0.3					T__				___		280104	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
HU09A	0.33	8.9	Pg	07:11:54.152	1.0					T__		143.1		___	ML	1.4	280094	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.33	8.9	Lg	07:11:58.881	-0.2					T__				___		280093	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
A267A	0.39	162.2	Lg	07:11:59.793	-1.2					T__				___		280095	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.54	254.6	Lg	07:12:05.329	-0.5					T__				___		280096	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.71	42.0	Pn	07:12:02.699	0.4					T__		80.8		___	ML	1.8	280098	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.71	42.0	Lg	07:12:12.121	-0.5					T__				___		280097	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
MORH	1.13	168.1	Lg	07:12:23.791	-1.1					T__				___		280099	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.23	60.1	Pg	07:12:11.101	-0.9					T__		70.5		___	ML	2.0	280101	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	60.1	Sn	07:12:29.434	1.0					T__				___		280102	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																									
KOVH	1.24	186.7	Sn	07:12:28.416	0.6					T__				___		280100	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.27	327.1	Sn	07:12:28.510	-0.8					T__				___		280103	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
2022/11/18	07:36:02.26	1.02	1.10	46.1335	22.8188	10.1	4.3	80	0.0f		9	5	141	0.26	0.99		sx BUD	18004720	BUD			256

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 4 BUD 18004720

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DEV	0.26	166.7	Pg	07:36:07.440	0.3					T__		384.6		___	ML	1.6 280161	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.26	166.7	Lg	07:36:09.717	-1.1					T__				---		280162	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
DRGR	0.66	353.6	Pg	07:36:15.465	-0.2					T__		50.2		___	ML	1.6 280158	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.66	353.6	Lg	07:36:27.224	0.8					T__				---		280159	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
GZR	0.74	182.3	Pg	07:36:16.999	0.5					T__		35.8		___	ML	1.5 280156	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.74	182.3	Lg	07:36:25.858	-1.1					T__				---		280163	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
LOT	0.96	135.5	Pg	07:36:21.768	1.2					T__		47.1		___	ML	1.7 280164	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.96	135.5	Lg	07:36:32.921	-1.6					T__				---		280157	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
BZS	0.99	238.8	Lg	07:36:35.524	0.2					T__				---		280160	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/18 08:32:21.43 1.04 1.17 46.0370 22.8730 7.6 4.5 77 0.0f 10 5 141 0.16 0.97 sx BUD 18004722 BUD 247

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 5 BUD 18004722

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DEV	0.16	172.2	Pg	08:32:24.138	-0.3					T__		361.7		___	ML	1.3 280195	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	172.2	Lg	08:32:27.352	0.8					T__				---		280194	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																								
GZR	0.65	186.0	Pg	08:32:33.852	-0.0					T__		51.6		___	ML	1.6 280196	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.65	186.0	Lg	08:32:42.471	-0.6					T__				---		280197	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
DRGR	0.76	351.6	Pg	08:32:37.073	0.3					T__		63.7		___	ML	1.7 280201	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.76	351.6	Lg	08:32:46.860	-1.8					T__				---		280200	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																								
LOT	0.86	132.9	Pg	08:32:38.600	0.6					T__		48.8		___	ML	1.7 280198	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.86	132.9	Lg	08:32:50.249	-0.3					T__				---		280202	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
BZS	0.97	244.9	Pg	08:32:41.740	1.3					T__		28.4		___	ML	1.5 280199	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.97	244.9	Lg	08:32:52.440	-1.7					T__				---		280203	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/18	09:39:13.95	0.75	1.04	48.8732	21.5657	5.7	3.4	155	0.0f		20	10	100	0.47	1.47	sx	BUD	18004724	BUD			162

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	8 BUD	18004724

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOLS	0.47	82.4	Pg	09:39:24.080	1.0					T__						280255	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.47	82.4	Lg	09:39:30.470	-0.5					T__						280264	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.62	200.7	Pg	09:39:27.242	1.0					T__	96.9				ML	1.8	280253	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.62	200.7	Lg	09:39:35.349	-1.2					T__						280252	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.78	241.3	Pg	09:39:29.251	-0.1					T__		97.9			ML	1.9	280250	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	241.3	Lg	09:39:40.608	-0.4					T__						280251	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	0.82	241.8	Pg	09:39:31.880	1.7					T__	197.9				ML	2.2	280249	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.82	241.8	Lg	09:39:41.850	-0.4					T__						280256	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
TRPA	0.99	138.6	Pg	09:39:33.075	0.1					T__	81.1				ML	2.0	280258	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.99	138.6	Lg	09:39:47.646	-0.9					T__						280265	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
NIE	0.99	303.7	Pn	09:39:35.133	-0.1					T__	49.9				ML	1.8	280259	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.99	303.7	Lg	09:39:46.965	0.1					T__						280260	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU02A	1.02	223.0	Pg	09:39:34.071	-0.8					T__	119.6				ML	2.1	280248	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.02	223.0	Lg	09:39:48.715	-1.3					T__						280261	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KWP	1.07	44.2	Pg	09:39:33.706	-0.4					T__	134.8				ML	2.2	280257	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_
KWP	1.07	44.2	Lg	09:39:48.131	-1.5					T__						280266	FDSN	PL	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
MEZ	1.34	104.8	Pg	09:39:40.528	0.7					T__						280262	FDSN	UA	--	BUD	iLoc	BHZ	???	_	
MEZ	1.34	104.8	Sn	09:39:59.262	0.8					T__						280267	FDSN	UA	--	BUD	iLoc	BHN	???	_	
PSZ	1.47	230.0	Pn	09:39:40.316	-1.4					T__	84.3				ML	2.2	280254	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.47	230.0	Sn	09:40:03.286	1.6					T__						280263	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/19	06:26:11.84	1.30	0.79	45.9073	16.0146	8.0	4.8	72	1.9	17.4	7	4	176	0.03	0.57	ke	BUD	18004728	BUD			283

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.4	3 BUD	18004728

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PTJ	0.03	269.5	Pg	06:26:12.694	-0.4					T__		183.0			ML	0.7	280382	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_

PTJ	0.03	269.5	Lg	06:26:14.627	0.4	T__									280383	FDSN	CR	--	BUD	iLoc	BHN	???	_		
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
ZAG	0.08	193.5	Pg	06:26:13.203	-0.5	T__	959.2								ML	1.5	280385	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.08	193.5	Lg	06:26:16.050	1.0	T__										280384	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CRES	0.40	258.4	Pg	06:26:19.661	0.1	T__	68.2								ML	1.2	280386	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	258.4	Lg	06:26:25.000	-0.5	T__										280387	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KOGS	0.57	16.8	Lg	06:26:30.796	0.4	T__										280388	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
2022/11/19	12:10:22.20	3.16	1.44	46.8310	22.3445	26.7	9.4	147	5.0f		6	4	255	0.25	1.70	ke	BUD	18004730	BUD			301

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DRGR	0.25	98.8	Pg	12:10:27.608	-0.0					T__		122.6			_d	ML	1.1	280409	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.25	98.8	Lg	12:10:31.205	-0.9					T__						280410	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
BZS	1.32	202.9	Lg	12:11:03.444	-1.5					T__						280412	FDSN	RO	--	BUD	iLoc	HHN	???	_		
GZR	1.47	168.0	Pn	12:10:49.975	0.3					T__	38.9				ML	1.9	280411	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	1.47	168.0	Sn	12:11:08.855	-0.6					T__						280413	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
LOT	1.70	143.9	Sn	12:11:16.988	1.7					T__						280414	FDSN	RO	--	BUD	iLoc	HHE	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/19	15:59:09.83	1.17	0.58	45.8993	16.0131	6.9	4.3	79	5.0f		7	4	177	0.03	0.57	ke	BUD	18004732	BUD			270

Magnitude Err Nsta Author OrigID  
ML 1.2 0.2 4 BUD 18004732

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.03	283.8	Pg	15:59:11.038	-0.4					T__		458.9			ML	1.1	280440	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.03	283.8	Lg	15:59:12.087	-0.7					T__						280441	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ZAG	0.07	194.2	Pg	15:59:11.542	-0.1					T__		706.2			ML	1.4	280436	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.07	194.2	Lg	15:59:13.016	-0.1					T__						280437	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CRES	0.40	259.5	Pg	15:59:18.355	0.8					T__		55.0			ML	1.1	280439	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.40	259.5	Lg	15:59:23.694	0.2					T__						280438	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KOGS	0.57	16.6	Pg	15:59:21.457	0.3					T__		78.2			ML	1.7	280442	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/20	01:45:11.42	1.03	0.48	47.8919	20.3157	6.8	3.6	137	5.0f	10	6	133	0.26	0.74		ke	BUD	18004734	BUD			218

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.6	4 BUD	18004734

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU23A	0.26	190.0	Lg	01:45:21.459	0.2					T__						280503	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU02A	0.27	31.3	Pg	01:45:17.108	-0.2					T__	39.9			_d	ML	0.7	280497	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.27	31.3	Lg	01:45:21.602	-0.3					T__						280498	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																									
PSZ	0.28	275.5	Pg	01:45:17.903	0.1					T__	44.0			___	ML	0.7	280494	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.28	275.5	Lg	01:45:21.892	-0.7					T__						280496	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																									
KECS	0.60	10.8	Pg	01:45:23.951	0.5					T__	86.1			___	ML	1.8	280500	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.60	10.8	Lg	01:45:32.868	0.4					T__						280499	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
JOS	0.62	13.8	Pg	01:45:23.992	0.2					T__	36.9			___	ML	1.4	280495	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.62	13.8	Lg	01:45:33.388	0.3					T__						280501	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
ABAH	0.74	56.5	Lg	01:45:37.017	-0.5					T__						280502	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	
2022/11/20	12:52:36.84	1.05	0.89	45.8954	20.7350	6.6	4.5	26	11.0	9.7	15	9	107	0.68	1.64		ke	BUD	18004738	BUD			169

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	6 BUD	18004738

Sta	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	0.68	114.0	Pg	12:52:50.702	0.6					T__	50.9			___	ML	1.6	280577	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.68	114.0	Lg	12:52:59.422	-0.1					T__						280578	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																									
HU06A	0.83	352.0	Lg	12:53:06.134	1.1					T__						280579	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU21A	0.83	302.4	Lg	12:53:05.166	-0.8					T__						280580	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
FRGS	0.98	221.7	Pn	12:52:56.515	-0.1					T__	84.7			___	ML	2.0	280582	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	0.98	221.7	Sn	12:53:09.525	-1.0					T__						280581	FDSN	SJ	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
HU24A	1.06	16.0	Lg	12:53:11.740	-0.3					T__						280583	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	1.49	283.1	Pn	12:53:03.989	0.4					T__	60.7			___	ML	2.1	280587	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.49	283.1	Sn	12:53:24.474	1.5					T__						280586	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1																									



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(Station ML: 2.1 magdef=1
A272A 1.49 305.3 Pn 12:53:03.288 -0.3 T__ 226.8 ___ ML 2.7 280589 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
GZR 1.52 108.6 Pg 12:53:05.235 -0.4 T__ 46.6 ___ ML 2.0 280585 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.52 108.6 Sn 12:53:23.712 -0.1 T__ ___ 280584 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
DRGR 1.64 56.1 Pn 12:53:05.788 0.1 T__ 37.3 ___ ML 2.0 280588 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.64 56.1 Pg 12:53:07.302 -1.5 T__ ___ 280590 FDSN RO -- BUD iLoc HHZ ??? _
DRGR 1.64 56.1 Sn 12:53:26.056 -0.7 T__ ___ 280591 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/21	06:41:05.66	0.71	0.88	47.4471	18.2151	3.2	2.5	133	4.4	6.4	31	21	43	0.09	1.70	ke	BUD	18004740	BUD			63

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	9 BUD	18004740

Sta	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	159.9	Pg	06:41:07.829	-0.1					T__		15548.0		_c_	ML	2.7	280718	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	159.9	Lg	06:41:09.327	-0.7					T__				---		280734	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0																									
HU08A	0.20	265.5	Pg	06:41:09.946	0.0					T__		672.0		_c_	ML	1.7	280735	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.20	265.5	Lg	06:41:13.305	-0.1					T__				---		280707	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																									
HU09A	0.22	30.5	Pg	06:41:10.280	-0.1					T__		1529.4		---	ML	2.1	280737	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.22	30.5	Lg	06:41:13.434	-0.9					T__				---		280736	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
SRO	0.37	10.2	Lg	06:41:20.064	0.6					T__				---		280732	FDSN	SK	--	BUD	iLoc	EHN	???	_	
A271A	0.51	124.6	Lg	06:41:23.267	-1.1					T__				---		280719	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.53	159.9	Lg	06:41:24.519	-0.3					T__				---		280720	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.54	239.2	Pg	06:41:17.399	0.9					T__		115.4		---	ML	1.9	280708	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.54	239.2	Lg	06:41:25.274	0.9					T__				---		280721	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
TIH	0.59	202.0	Lg	06:41:27.483	1.4					T__				---		280722	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.67	53.5	Pg	06:41:21.258	1.8					T__		105.1		---	ML	1.9	280733	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.67	53.5	Lg	06:41:30.242	0.3					T__				---		280723	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
A272A	0.87	143.6	Lg	06:41:36.561	0.0					T__				---		280709	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A266A	0.92	177.9	Pn	06:41:25.903	0.6					T__		277.4		---	ML	2.5	280710	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.92	177.9	Lg	06:41:37.886	0.9					T__				---		280724	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1																									
HU01A	0.96	95.6	Pg	06:41:26.676	0.7					T__		448.3		---	ML	2.7	280717	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1																									

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(Station ML: 2.7 magdef=1
A260A 1.04 261.5 Sn 06:41:41.650 -0.2 T__ --- 280725 FDSN ZJ 00 BUD iLoc HHN ??? _
MODS 1.12 326.1 Pn 06:41:27.164 -1.0 T__ --- 280712 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.12 326.1 Sn 06:41:42.575 -1.4 T__ --- 280713 FDSN SK -- BUD iLoc HHN ??? _
SOP 1.15 282.5 Sn 06:41:44.630 0.1 T__ --- 280726 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.23 66.8 Sn 06:41:46.748 0.0 T__ --- 280727 FDSN GE -- BUD iLoc HHN ??? _
MORH 1.27 166.4 Pn 06:41:29.363 -0.7 T__ 64.1 --- ML 2.0 280711 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.27 166.4 Sn 06:41:47.741 0.3 T__ --- 280728 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
RONA 1.32 281.7 Pn 06:41:30.278 -0.6 T__ --- 280714 FDSN OE -- BUD iLoc HHZ ??? _
RONA 1.32 281.7 Sn 06:41:47.876 -1.1 T__ --- 280729 FDSN OE -- BUD iLoc HHN ??? _
KOVH 1.36 183.4 Sn 06:41:48.168 -1.7 T__ --- 280730 FDSN HU -- BUD iLoc HHN ??? _
JAVC 1.46 345.7 Pn 06:41:32.254 -0.6 T__ 97.4 --- ML 2.3 280715 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.46 345.7 Sn 06:41:52.558 0.2 T__ --- 280716 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
HU02A 1.70 65.7 Sn 06:41:59.344 1.1 T__ --- 280731 FDSN ZJ 00 BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/21	07:59:39.19	1.13	1.51	48.3618	21.9500	9.2	4.5	146	0.0f		12	7	123	0.33	0.98	sx	BUD	18004742	BUD			196

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	18004742

Sta	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	0.33	60.1	Lg	07:59:49.710	-2.2					T__						280897	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
HU07A	0.38	183.6	Lg	07:59:53.745	-0.4					T__						280898	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ABAH	0.48	262.4	Pg	07:59:50.286	1.3					T__		45.9			ML	1.3	280885	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.48	262.4	Lg	07:59:56.311	-0.9					T__						280886	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOLS	0.61	20.4	Pg	07:59:52.245	1.2					T__						280893	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.61	20.4	Lg	07:59:59.453	-1.6					T__						280894	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.95	278.6	Pg	07:59:58.502	0.5					T__		39.3			ML	1.6	280888	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.95	278.6	Lg	08:00:11.813	-0.4					T__						280889	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.98	256.4	Pg	07:59:58.990	-0.4					T__		41.7			ML	1.7	280887	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	256.4	Lg	08:00:12.917	-1.7					T__						280891	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.98	277.6	Pg	07:59:58.683	-0.0					T__		78.0			ML	1.9	280896	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.98	277.6	Lg	08:00:11.681	-2.3					T__						280895	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/21	09:28:42.41	1.25	0.93	48.5037	17.5260	12.2	3.1	119	0.0f		11	7	207	0.21	1.27	sx	BUD	18004744	BUD			222



```

(Station ML: 0.7 magdef=1
MPLH 0.51 263.5 Lg 10:56:44.033 -0.6 T__
MORH 1.05 166.2 Pg 10:56:47.194 0.3 T__ 60.0 --- ML 1.9 280993 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.05 166.2 Lg 10:57:01.217 -0.8 T__ --- 280992 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/21 11:00:17.37 0.93 0.95 48.1836 16.9823 9.7 3.2 150 0.0f 9 5 154 0.08 1.36 sx BUD 18004750 BUD 189

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ZST 0.08 81.1 Pg 11:00:19.811 0.2 T__ --- 281024 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.08 81.1 Lg 11:00:21.618 -0.1 T__ --- 281023 FDSN SK -- BUD iLoc HHN ??? _
MODS 0.27 45.9 Pg 11:00:23.390 -0.1 T__ --- 281022 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.27 45.9 Lg 11:00:28.630 0.3 T__ --- 281025 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.67 223.9 Pg 11:00:31.429 0.7 T__ --- 281029 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.67 223.9 Lg 11:00:37.988 -1.7 T__ --- 281026 FDSN OE -- BUD iLoc HHN ??? _
CONA 0.79 251.6 Pg 11:00:34.031 0.9 T__ 61.5 --- ML 1.7 281030 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.79 251.6 Lg 11:00:42.494 -1.0 T__ --- 281027 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ARSA 1.36 227.1 Lg 11:01:00.908 0.3 T__ --- 281028 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/22 07:04:43.69 2.45 1.13 46.9183 22.9130 28.4 8.4 156 0.0f 5 3 212 0.19 1.53 sx BUD 18004752 BUD 315

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
DRGR 0.19 227.6 Pg 07:04:47.821 0.0 T__ 154.6 --- ML 1.0 281048 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.19 227.6 Lg 07:04:50.413 -0.8 T__ --- 281047 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ARCR 1.00 79.8 Lg 07:05:16.342 -1.2 T__ --- 281049 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.53 183.6 Pn 07:05:12.982 0.7 T__ 38.8 --- ML 1.9 281051 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.53 183.6 Sn 07:05:32.702 -0.2 T__ --- 281050 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/22 08:13:40.44 2.45 0.74 48.4228 19.5495 14.7 7.0 93 0.0f 9 6 230 0.56 1.13 sx BUD 18004754 BUD 288

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 18004754

```

```

Sta 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 0.56 155.3 Lg 08:14:01.032 -0.1 T__ --- 281075 FDSN GE -- BUD iLoc HHN ??? _

```

KECS	0.63	84.1	Pg	08:13:53.481	0.5	T__	112.9	___	ML	1.9	281074	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.63	84.1	Lg	08:14:02.556	0.1	T__		---			281080	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
JOS	0.66	83.3	Pg	08:13:54.147	0.5	T__	56.0	___	ML	1.6	281077	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	83.3	Lg	08:14:04.062	0.4	T__		---			281076	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU02A	0.72	114.4	Pg	08:13:55.772	0.4	T__	47.0	___	ML	1.6	281078	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	114.4	Lg	08:14:05.477	-1.1	T__		---			281081	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
NIE	1.11	26.1	Lg	08:14:16.928	-0.8	T__		---			281079	FDSN	PL	--	BUD	iLoc	BHN	???	_
ABAH	1.13	95.8	Sn	08:14:18.999	-0.8	T__		---			281082	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
2022/11/22	09:27:41.61	0.66	0.90	48.3289	18.5713	5.0	3.1	20	0.0f		20	13	70	0.57	1.60	sx	BUD	18004756	BUD			106

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	6 BUD	18004756

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.57	148.1	Lg	09:28:02.191	-0.5					T__						281143	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	0.80	311.9	Pg	09:27:58.101	0.1					T__	112.5			___	ML	2.0	281142	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.80	311.9	Lg	09:28:09.969	-0.5					T__				---		281145	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU03A	0.81	121.3	Lg	09:28:11.581	1.1					T__				---		281144	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MODS	0.86	273.4	Pg	09:28:00.000	0.8					T__				---		281140	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.86	273.4	Lg	09:28:12.233	-0.3					T__				---		281141	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.98	114.4	Pg	09:28:01.436	-0.7					T__	91.4			___	ML	2.0	281147	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.98	114.4	Lg	09:28:14.948	-1.8					T__				---		281146	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ZST	0.99	262.8	Lg	09:28:14.786	-1.6					T__				---		281148	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU08A	1.00	206.1	Lg	09:28:16.543	-0.4					T__				---		281149	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	1.28	82.4	Sn	09:28:25.095	0.4					T__				---		281150	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.32	82.0	Pn	09:28:07.407	0.1					T__	51.7			___	ML	1.9	281151	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.32	82.0	Sn	09:28:24.643	-1.0					T__				---		281152	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	1.32	98.3	Pn	09:28:07.879	0.5					T__	47.5			___	ML	1.9	281154	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.32	98.3	Sn	09:28:26.285	0.5					T__				---		281153	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MPLH	1.35	211.4	Sn	09:28:27.341	1.0					T__				---		281155	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	1.58	45.7	Pn	09:28:11.823	0.9					T__	33.4			___	ML	1.9	281157	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.58	45.7	Lg	09:28:34.610	0.5					T__				---		281156	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
MORC	1.60	335.4	Pn	09:28:10.955	-0.2					T__	75.1			___	ML	2.3	281158	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.60	335.4	Sn	09:28:31.551	-1.0					T__				---		281159	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/22	09:37:29.67	0.88	1.07	48.9908	21.2553	7.7	3.8	148	0.0f		14	8	110	0.67	1.40	sx	BUD	18004758	BUD			190

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	5 BUD	18004758

Sta	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	0.67	94.5	Pg	09:37:42.617	0.0					T__						281203	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.67	94.5	Lg	09:37:52.951	-0.5					T__						281210	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.69	224.0	Pg	09:37:42.726	-0.5					T__		62.4		---	ML	1.7	281206	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	224.0	Lg	09:37:53.390	-0.1					T__						281207	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=0

ABAH	0.70	180.9	Lg	09:37:54.887	-0.1					T__						281200	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.72	225.4	Pg	09:37:45.757	1.8					T__		97.5		---	ML	1.9	281198	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.72	225.4	Lg	09:37:53.718	-1.0					T__						281197	FDSN	SK	--	BUD	iLoc	EHN	???	_	

(Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

NIE	0.76	304.7	Lg	09:37:53.541	-1.3					T__						281205	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	1.00	209.4	Pg	09:37:49.628	-0.4					T__		45.1		---	ML	1.7	281199	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.00	209.4	Lg	09:38:03.688	-0.9					T__						281204	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

KWP	1.15	55.4	Pg	09:37:51.956	0.7					T__		121.0		---	ML	2.2	281209	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_
KWP	1.15	55.4	Lg	09:38:07.732	-0.3					T__						281208	FDSN	PL	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=0

PSZ	1.40	220.7	Pn	09:37:55.909	-0.7					T__		86.5		---	ML	2.2	281202	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.40	220.7	Sn	09:38:17.894	2.1					T__						281201	FDSN	GE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/22	09:40:34.43	1.41	1.72	48.4800	21.3577	9.2	8.5	152	0.0f		8	6	150	0.20	1.13	sx	BUD	18004760	BUD			291

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.20	203.2	Pg	09:40:38.800	-0.1					T__		224.1		---	ML	1.2	281239	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.20	203.2	Lg	09:40:42.452	-0.3					T__						281243	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
JOS	0.54	272.0	Lg	09:40:52.751	-0.9					T__						281240	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.58	270.6	Lg	09:40:55.103	0.2					T__						281244	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.66	237.5	Lg	09:40:56.329	-2.3					T__						281241	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	0.76	52.9	Lg	09:40:59.178	-2.1					T__						281242	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.13	240.7	Pn	09:40:59.269	1.7					T__		82.9		---	ML	2.0	281238	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ 1.13 240.7 Sn 09:41:12.708 -1.1 T\_\_ --- 281237 FDSN GE -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/22	10:00:09.36	1.24	1.16	48.4536	21.3851	9.7	5.1	164	0.0f	8	6	135	0.19	0.84	sx	BUD	18004762	BUD				197

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
ABAH	0.19	211.7	Pg	10:00:13.330	-0.2					T__		157.9		---	ML	1.0	281265	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.19	211.7	Lg	10:00:17.785	0.6					T__				---		281266	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																										
JOS	0.56	274.6	Lg	10:00:29.477	0.2					T__				---		281269	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
KECS	0.60	273.2	Lg	10:00:30.792	0.3					T__				---		281272	FDSN	SK	--	BUD	iLoc	EHN	???	_		
HU02A	0.66	240.3	Lg	10:00:32.969	-0.7					T__				---		281271	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KOLS	0.76	50.5	Lg	10:00:35.310	-1.0					T__				---		281270	FDSN	SK	--	BUD	iLoc	HHN	???	_		
TRPA	0.84	112.3	Pg	10:00:26.225	0.6					T__		75.4		---	ML	1.8	281267	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TRPA	0.84	112.3	Lg	10:00:37.473	-2.1					T__				---		281268	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/22	10:07:13.74	0.98	0.97	46.0539	22.8419	6.8	4.1	83	0.0f	11	6	109	0.18	0.96	sx	BUD	18004764	BUD					169

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 5 BUD 18004764

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DEV	0.18	165.9	Pg	10:07:17.273	0.2					T__		1382.4		---	ML	1.9	281302	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DEV	0.18	165.9	Lg	10:07:19.920	0.3					T__				---		281301	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																										
GZR	0.66	184.0	Pg	10:07:26.475	0.0					T__		70.8		---	ML	1.7	281306	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	0.66	184.0	Lg	10:07:34.583	-1.3					T__				---		281305	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																										
DRGR	0.74	353.1	Pg	10:07:28.849	0.1					T__		63.5		---	ML	1.7	281299	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.74	353.1	Lg	10:07:39.147	-1.6					T__				---		281300	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																										
CJR	0.84	38.2	Lg	10:07:44.314	0.9					T__				---		281309	FDSN	RO	--	BUD	iLoc	HHN	???	_		
LOT	0.89	132.7	Pg	10:07:31.077	0.3					T__		72.4		---	ML	1.9	281307	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
LOT	0.89	132.7	Lg	10:07:42.325	-1.5					T__				---		281308	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																										
BZS	0.96	243.4	Pg	10:07:32.757	0.3					T__		56.9		---	ML	1.8	281303	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
BZS	0.96	243.4	Lg	10:07:46.415	0.4					T__				---		281304	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1																										

(Station ML: 1.8 magdef=1)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/22	10:26:00.51	0.58	0.22	47.1990	18.3309	9.4	3.9	85	0.0A	0.0	7	5	183	0.17	1.12	m	kx BUD	18004766	BUD			360
2022/11/22	10:25:59.68	0.98	1.25	47.2302	18.2835f				0.0f		7	5	172	0.13	1.15		kx BUD_GT	18004767	BUD_GT			216

(locality : Iszkaszentgyörgy Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	3 BUD	18004767

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	353.3	Pg	10:26:03.930	0.9					T__		368.3		___	ML	1.2	281354	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	10:26:05.664	-0.5					T__				---		281355	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU08A	0.32	309.6	Lg	10:26:11.568	-0.7					T__				---		281356	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TIH	0.42	219.1	Pg	10:26:08.813	0.3					T__		340.1		---	ML	2.0	281352	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.42	219.1	Lg	10:26:13.825	-1.5					T__				---		281357	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	1.05	166.2	Pn	10:26:19.410	-0.8					T__		92.8		---	ML	2.0	281358	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KOVH	1.15	186.4	Sn	10:26:36.937	-2.2					T__				---		281353	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	
2022/11/22	10:41:24.17	0.71	1.07	48.4384	19.1372	4.3	3.4	150	0.0f		23	15	75	0.60	1.70		sx BUD	18004770	BUD				123

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	7 BUD	18004770

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.60	187.7	Pg	10:41:36.678	0.1					T__		297.7		___	ML	2.3	281462	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.60	187.7	Lg	10:41:44.493	-1.7					T__				---		281461	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU03A	0.62	149.8	Pg	10:41:37.504	0.4					T__		129.2		---	ML	2.0	281460	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.62	149.8	Lg	10:41:47.145	0.7					T__				---		281459	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.73	135.5	Pg	10:41:39.330	-0.3					T__		80.1		---	ML	1.8	281456	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	135.5	Lg	10:41:50.213	-0.5					T__				---		281455	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SR0	0.83	221.7	Lg	10:41:53.190	-1.2					T__				---		281463	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KECS	0.90	86.6	Pg	10:41:41.521	-0.5					T__		114.8		---	ML	2.1	281452	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.90	86.6	Lg	10:41:54.741	-0.7					T__				---		281451	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									



JOS	0.93	86.0	Pg	10:41:41.959	-0.7	T__	73.0	---	ML	1.9	281449	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.93	86.0	Lg	10:41:55.873	-0.8	T__		---			281450	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
BUD	0.96	184.6	Lg	10:41:58.031	-0.7	T__		---			281464	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.98	108.3	Pg	10:41:43.201	-1.1	T__	61.2	---	ML	1.8	281453	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	108.3	Lg	10:41:57.005	-2.1	T__		---			281454	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JAVC	1.06	294.0	Lg	10:42:00.800	-1.0	T__		---			281465	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CSKK	1.23	209.1	Sn	10:42:05.556	-0.3	T__		---			281468	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.24	267.7	Pn	10:41:50.378	1.6	T__		---			281467	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.24	267.7	Sn	10:42:05.277	-1.0	T__		---			281466	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	1.24	37.6	Pn	10:41:49.628	0.8	T__	34.7	---	ML	1.7	281457	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.24	37.6	Lg	10:42:05.477	-0.1	T__		---			281458	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
HU08A	1.30	219.4	Sn	10:42:08.383	0.8	T__		---			281469	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	1.41	95.0	Sn	10:42:12.280	1.9	T__		---			281470	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORC	1.70	322.6	Sn	10:42:17.395	-0.2	T__		---			281471	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/22	12:06:02.40	1.46	1.40	47.8914	20.0676	14.4	3.2	161	0.0f		12	6	210	0.12	0.88	sx	BUD	18004772	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	6 BUD	18004772

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.12	283.1	Pg	12:06:07.075	1.5					T__		355.3		---	ML	1.2	281510	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.12	283.1	Lg	12:06:08.883	0.5					T__				---		281514	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU03A	0.32	272.4	Pg	12:06:07.897	-1.4					T__		235.5		---	ML	1.5	281511	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	272.4	Lg	12:06:14.872	0.4					T__				---		281516	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.38	52.9	Pg	12:06:11.028	0.3					T__		88.4		---	ML	1.3	281512	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.38	52.9	Lg	12:06:15.009	-2.3					T__				---		281515	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.65	25.1	Pg	12:06:16.071	0.5					T__		100.7		---	ML	1.9	281518	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.65	25.1	Lg	12:06:24.836	-0.8					T__				---		281517	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.68	27.4	Pg	12:06:17.757	1.7					T__		66.9		---	ML	1.7	281513	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	27.4	Lg	12:06:25.681	-0.8					T__				---		281519	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.88	62.3	Pg	12:06:21.263	1.3					T__		106.7		---	ML	2.0	281521	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.88	62.3	Lg	12:06:32.730	-1.5					T__				---		281520	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/23	08:10:08.51	1.25	1.12	48.4887	17.6045	10.4	3.2	117	0.0f		13	8	221	0.25	1.29	sx	BUD	18004776	BUD			230

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	18004776

Sta	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	0.25	242.3	Pg	08:10:13.428	-0.6					T__						281617	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.25	242.3	Lg	08:10:17.148	-1.3					T__						281618	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.37	6.7	Pg	08:10:16.699	0.2					T__		204.4			ML	1.6	281610	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	6.7	Lg	08:10:20.805	-2.0					T__						281611	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ZST	0.44	229.0	Lg	08:10:24.742	-0.2					T__						281619	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.98	306.1	Pg	08:10:28.293	0.9					T__		57.6			ML	1.8	281620	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.98	306.1	Lg	08:10:41.503	-0.4					T__						281612	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
VRAC	1.06	321.3	Lg	08:10:44.262	0.2					T__						281614	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.18	228.5	Pg	08:10:32.854	1.0					T__						281613	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.18	228.5	Lg	08:10:48.602	1.4					T__						281621	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.29	358.2	Lg	08:10:51.755	1.3					T__						281622	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.29	245.0	Pn	08:10:33.570	-0.4					T__		76.2			ML	2.1	281616	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.29	245.0	Lg	08:10:51.361	0.7					T__						281615	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/23	08:21:34.61	0.54	0.79	48.0157	20.3517	9.3	3.8	145	0.0A	0.0	9	5	188	0.16	0.66	m	kx	BUD	18004778	BUD			360
2022/11/23	08:21:32.17	0.95	1.06	47.9590	20.3545f				0.0f		9	5	202	0.20	0.68		kx	BUD_GT	18004779	BUD_GT			309

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	4 BUD	18004779

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	08:21:36.243	-0.6					T__		169.3			ML	1.1	281670	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	08:21:39.312	-1.3					T__						281675	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.31	262.7	Pg	08:21:41.161	1.9					T__		68.9			ML	1.0	281674	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	08:21:44.925	0.2					T__						281673	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.53	9.4	Pg	08:21:43.727	0.8					T__		82.7			ML	1.7	281671	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.53	9.4	Lg	08:21:50.196	-1.0					T__						281676	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

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JOS 0.55 12.9 Pg 08:21:43.000 -0.3 T__ 46.7 ___ ML 1.5 281672 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 12.9 Lg 08:21:50.623 -1.2 T__ ___ 281677 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.68 60.0 Lg 08:21:56.734 -0.6 T__ ___ 281678 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
2022/11/23 10:38:06.93 1.82 0.87 48.5279 20.8043 11.9 5.5 26 0.0f 8 5 228 0.18 0.86 sx BUD 18004782 BUD 305

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Magnitude Err Nsta Author OrigID
ML 1.1 0.2 3 BUD 18004782

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 259.7 Pg 10:38:11.022 0.3 T__ 137.5 ___ ML 0.9 281744 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 259.7 Lg 10:38:13.631 -0.1 T__ ___ 281748 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.22 258.2 Pg 10:38:11.503 0.0 T__ 307.9 ___ ML 1.4 281745 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.22 258.2 Lg 10:38:14.989 -0.0 T__ ___ 281749 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.37 128.5 Lg 10:38:20.493 -0.7 T__ 281750 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.45 204.8 Pg 10:38:17.074 0.6 T__ 33.3 ___ ML 1.1 281746 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 204.8 Lg 10:38:23.745 0.0 T__ ___ 281747 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.86 225.3 Lg 10:38:36.404 -1.7 T__ ___ 281751 FDSN GE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/23 10:58:50.28 3.11 0.53 46.8973 22.8491 26.4 10.6 167 0.0f 7 4 293 0.14 1.58 sx BUD 18004784 BUD 320

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Magnitude Err Nsta Author OrigID
ML 2.1 0.1 3 BUD 18004784

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.14 221.9 Pg 10:58:53.157 -0.3 T__ 239.9 ___ ML 1.1 281775 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.14 221.9 Lg 10:58:56.407 0.2 T__ ___ 281774 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
GZR 1.51 181.9 Pn 10:59:18.731 0.2 T__ 54.3 ___ ML 2.1 281777 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.51 181.9 Sn 10:59:38.831 -0.1 T__ ___ 281776 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BZS 1.54 214.2 Sn 10:59:40.541 0.9 T__ 281778 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.58 155.9 Pn 10:59:20.011 0.3 T__ 56.0 ___ ML 2.1 281780 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.58 155.9 Sn 10:59:40.624 -0.3 T__ ___ 281779 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/23	11:00:13.43	0.93	0.57	48.1766	16.9786	10.7	3.3	148	0.0f	9	5	153	0.09	1.35	sx	BUD	18004786	BUD				184

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZST	0.09	76.7	Pg	11:00:15.956	0.2					T__						281808	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.09	76.7	Lg	11:00:17.710	-0.2					T__						281807	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.28	45.2	Pg	11:00:19.907	0.3					T__						281806	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.28	45.2	Lg	11:00:23.948	-0.7					T__						281809	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.66	224.1	Pg	11:00:26.578	-0.1					T__						281810	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.66	224.1	Lg	11:00:35.024	-0.5					T__						281804	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.79	252.1	Pg	11:00:29.420	0.3					T__		70.6				281811	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.79	252.1	Lg	11:00:38.980	-0.4					T__						281803	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
ARSA	1.35	227.2	Lg	11:00:57.305	0.9					T__						281805	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/24	07:34:28.82	0.68	1.17	47.2852	17.7205	5.4	3.0	142	0.0f	17	11	71	0.17	1.58	sx	BUD	18004790	BUD				105

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	6 BUD	18004790

Sta	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	227.1	Pg	07:34:32.223	-0.6					T__		723.2				281909	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.17	227.1	Lg	07:34:35.174	-1.0					T__						281910	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
HU08A	0.20	43.3	Pg	07:34:33.806	0.4					T__		531.4				281907	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.20	43.3	Lg	07:34:35.623	-1.8					T__						281911	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								
CSKK	0.38	77.8	Lg	07:34:42.058	-1.5					T__						281912	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU09A	0.57	51.5	Lg	07:34:49.654	-0.7					T__						281913	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A262A	0.92	243.1	Lg	07:34:59.621	0.4					T__						281914	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU10A	1.04	57.0	Pg	07:34:49.784	-0.5					T__		142.2				281917	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	1.04	57.0	Sn	07:35:04.496	-1.5					T__						281916	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
RONA	1.05	293.8	Lg	07:35:03.297	-0.3					T__						281915	FDSN	OE	--	BUD	iLoc	HHN	???	_
KOVH	1.23	167.6	Pn	07:34:54.415	1.2					T__		72.8				281918	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.23	167.6	Sn	07:35:10.624	0.2					T__						281908	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
MORH	1.24	149.0	Pn	07:34:54.780	1.3					T__		58.5				281919	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.24	149.0	Sn	07:35:12.057	1.2					T__						281920	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
CONA	1.41	297.8	Pn	07:34:55.374	-0.5					T__		98.1				281922	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.41	297.8	Lg	07:35:15.302	0.5					T__						281921	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																								

(Station ML: 2.3 magdef=0  
 JAVC 1.58 358.8 Sn 07:35:21.181 2.0 T\_\_ --- 281923 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/24	08:33:31.34	0.63	1.27	47.3568	17.7293	3.5	2.6	167	0.0f	33	24	62	0.15	2.34	sx	BUD	18004792	BUD				73

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.1 9 BUD 18004792

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
HU08A	0.15	60.5	Pg	08:33:35.281	0.3					T__		1036.7		---	ML	1.7	282150	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU08A	0.15	60.5	Lg	08:33:39.515	1.3					T__				---		282149	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																										
MPLH	0.23	214.8	Pg	08:33:34.725	-1.8					T__		678.0		---	ML	1.8	282145	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	0.23	214.8	Lg	08:33:38.018	-2.6					T__				---		282177	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																										
EGYH	0.28	282.7	Pg	08:33:37.569	0.1					T__		1677.1		---	ML	2.3	282147	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
EGYH	0.28	282.7	Lg	08:33:42.359	0.1					T__				---		282146	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																										
CSKK	0.36	88.8	Lg	08:33:46.143	0.6					T__				---		282152	FDSN	HU	--	BUD	iLoc	HHN	???	_		
TIH	0.47	166.2	Lg	08:33:48.795	0.4					T__				---		282151	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU09A	0.52	57.3	Lg	08:33:51.028	-0.2					T__				---		282164	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
A261A	0.57	224.6	Lg	08:33:52.216	1.0					T__				---		282148	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
A263A	0.77	201.8	Lg	08:33:58.460	0.8					T__				---		282153	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
SOP	0.86	292.8	Lg	08:34:00.962	0.8					T__				---		282165	FDSN	HU	--	BUD	iLoc	HHN	???	_		
BUD	0.89	81.3	Pg	08:33:50.809	1.0					T__		149.8		---	ML	2.2	282166	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																										
A266A	0.91	156.0	Lg	08:34:03.719	1.0					T__				---		282167	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
A262A	0.96	239.5	Pg	08:33:50.836	0.5					T__		222.0		---	ML	2.4	282168	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
A262A	0.96	239.5	Lg	08:34:05.034	2.1					T__				---		282169	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																										
HU10A	1.00	60.3	Pg	08:33:51.960	0.1					T__		118.7		---	ML	2.1	282159	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU10A	1.00	60.3	Sn	08:34:06.842	-0.6					T__				---		282158	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																										
RONA	1.03	290.0	Lg	08:34:05.987	0.6					T__				---		282154	FDSN	OE	--	BUD	iLoc	HHN	???	_		
MODS	1.06	343.5	Pg	08:33:53.414	0.5					T__				---		282156	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	1.06	343.5	Sn	08:34:07.483	-1.5					T__				---		282170	FDSN	SK	--	BUD	iLoc	HHN	???	_		
BEHE	1.10	216.7	Lg	08:34:10.092	2.2					T__				---		282155	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KOVH	1.29	168.5	Pn	08:33:56.493	-0.2					T__		71.2		---	ML	2.1	282160	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	1.29	168.5	Sn	08:34:13.727	-0.9					T__				---		282171	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																										
MORH	1.30	150.9	Pn	08:33:56.322	-0.5					T__		64.2		---	ML	2.0	282163	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	1.30	150.9	Sn	08:34:14.583	-0.3					T__				---		282172	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																										

KOGS	1.36	228.7	Sn	08:34:17.961	1.6	T__									282157	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CONA	1.39	295.0	Pn	08:33:56.407	-1.6	T__	80.4								2.2	282162	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.39	295.0	Lg	08:34:16.250	-0.2	T__										282161	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
JAVC	1.50	358.5	Sn	08:34:21.359	1.4	T__										282174	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ARSA	1.51	266.8	Sn	08:34:22.073	2.1	T__										282173	FDSN	OE	--	BUD	iLoc	HHN	???	_
HU02A	2.04	66.9	Lg	08:34:40.747	-1.3	T__										282175	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
OBKA	2.34	249.9	Lg	08:34:49.570	2.2	T__										282176	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/24	09:04:51.57	1.01	1.87	48.2822	21.4416	5.5	4.6	156	0.0f		13	8	110	0.14	1.10	sx	BUD	18004794	BUD			171

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	18004794

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.14	276.0	Pg	09:04:56.279	1.5					T__		561.3			ML	1.4	282221	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.14	276.0	Lg	09:04:57.947	0.2					T__						282231	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU11A	0.40	207.3	Pg	09:05:00.384	0.3					T__		634.8			ML	2.2	282223	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU11A	0.40	207.3	Lg	09:05:07.826	0.7					T__						282222	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU02A	0.63	255.7	Pg	09:05:05.217	0.4					T__		59.3			ML	1.6	282224	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.63	255.7	Lg	09:05:14.411	-0.5					T__						282232	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.64	289.9	Pg	09:05:04.960	0.6					T__		46.4			ML	1.5	282226	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	289.9	Lg	09:05:11.290	-2.8					T__						282225	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.67	287.9	Lg	09:05:11.546	-3.5					T__						282227	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.75	101.3	Lg	09:05:17.619	-1.3					T__						282228	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.85	40.0	Pg	09:05:08.980	1.0					T__						282230	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.85	40.0	Lg	09:05:18.902	-2.9					T__						282229	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.10	251.2	Sn	09:05:29.868	-0.4					T__						282233	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/24	10:08:15.60	0.74	0.24	47.2424	18.2805	8.9	4.8	154	0.0A	0.0	6	4	204	0.12	1.29	m	kx	BUD	18004796	BUD		360
2022/11/24	10:08:13.87	1.00	1.10	47.2302	18.2835f				0.0f		6	4	206	0.13	1.29		kx	BUD_GT	18004797	BUD_GT		270

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	353.3	Pg	10:08:17.801	0.6					T__		173.5			ML	0.9	282272	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	10:08:19.223	-1.1					T__						282273	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
HU08A 0.32 309.6 Lg 10:08:24.797 -1.6 T__
MPLH 0.51 263.5 Pg 10:08:25.312 0.8 T__ 101.6 --- ML 1.7 282274 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.51 263.5 Lg 10:08:32.057 -0.5 T__ --- 282276 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 1.29 57.1 Sn 10:08:56.609 -1.0 T__ --- 282277 FDSN GE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/24 10:12:39.14 1.01 1.15 48.5852 21.3964 5.9 4.5 144 0.0f 12 8 99 0.31 1.21 sx BUD 18004798 BUD 160

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 18004798

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.31 199.9 Pg 10:12:45.416 -0.2 T__ 123.4 --- ML 1.2 282311 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.31 199.9 Lg 10:12:52.088 0.9 T__ --- 282310 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
JOS 0.58 261.4 Pg 10:12:50.292 -0.4 T__ 43.3 --- ML 1.5 282309 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.58 261.4 Lg 10:12:59.486 0.1 T__ --- 282314 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.61 260.8 Pg 10:12:50.634 -0.8 T__ 113.2 --- ML 1.9 282308 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.61 260.8 Lg 10:13:00.898 0.2 T__ --- 282307 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
KOLS 0.68 58.7 Pg 10:12:52.272 0.1 T__ --- 282313 FDSN SK -- BUD iLoc HHZ ??? _
HU02A 0.74 231.8 Pg 10:12:54.910 0.4 T__ 53.7 --- ML 1.6 282306 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.74 231.8 Lg 10:13:05.901 -0.2 T__ --- 282315 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TRPA 0.89 120.4 Lg 10:13:07.830 -3.1 T__ --- 282316 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.10 319.5 Pg 10:13:00.125 0.2 T__ 38.5 --- ML 1.7 282312 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 1.21 236.9 Sn 10:13:21.020 0.6 T__ --- 282317 FDSN GE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/24 11:20:12.57 1.36 1.01 48.7793 21.2007 8.3 5.5 17 0.0f 12 7 168 0.48 1.23 sx BUD 18004800 BUD 247

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Magnitude Err Nsta Author OrigID
ML 1.9 0.0 5 BUD 18004800

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.48 176.9 Pg 11:20:22.462 0.1 T__ 83.5 --- ML 1.6 282378 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.48 176.9 Lg 11:20:29.946 -0.7 T__ --- 282377 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

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JOS	0.52	237.4	Pg	11:20:23.013	0.0	T__	110.8	---	ML	1.8	282375	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	237.4	Lg	11:20:31.229	0.3	T__		---			282376	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KECS	0.56	238.3	Pg	11:20:23.756	-0.0	T__	180.3	---	ML	2.1	282374	FDSN	SK	--	BUD	iLoc	EHE	EHZ	_
KECS	0.56	238.3	Lg	11:20:31.870	-0.3	T__		---			282373	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
HU02A	0.80	214.6	Pg	11:20:29.465	0.5	T__	104.3	---	ML	2.0	282371	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.80	214.6	Lg	11:20:39.686	-1.6	T__		---			282372	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
NIE	0.87	317.5	Lg	11:20:40.723	-0.7	T__		---			282379	FDSN	PL	--	BUD	iLoc	BHN	???	_
TRPA	1.10	125.6	Pg	11:20:34.223	0.4	T__	68.2	---	ML	1.9	282381	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.10	125.6	Lg	11:20:48.848	-1.9	T__		---			282380	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
PSZ	1.23	225.8	Sn	11:20:55.461	1.1	T__		---			282382	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/24	13:00:22.48	1.13	1.52	46.0762	21.9985	9.9	5.1	129	0.0f		9	6	184	0.53	1.39	sx	BUD	18004802	BUD			253

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3 BUD	18004802

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BZS	0.53	210.3	Pg	13:00:32.950	-0.1					T__		44.7		---	ML	1.4	282413	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.53	210.3	Lg	13:00:41.097	0.4					T__				---		282416	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
DEV	0.66	106.7	Lg	13:00:46.317	2.0					T__				---		282418	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	0.87	34.3	Pg	13:00:40.135	0.2					T__		58.5		---	ML	1.8	282411	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.87	34.3	Lg	13:00:52.152	-0.8					T__				---		282412	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
GZR	0.87	141.1	Pn	13:00:42.690	0.6					T__		57.7		---	ML	1.7	282415	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.87	141.1	Lg	13:00:51.168	-0.3					T__				---		282414	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CJR	1.28	59.5	Lg	13:01:04.464	-1.0					T__				---		282417	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.39	116.2	Sn	13:01:05.605	-2.8					T__				---		282419	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/25	02:45:42.13	0.64	0.72	48.0025	17.3145	3.0	2.6	72	10.4		1.3	33	22	77	0.24	1.78	ke	BUD	18004806	BUD			88

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	14 BUD	18004806

Sta	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	323.8	Pg	02:45:47.736	0.3					T__				---		282618	FDSN	SK	--	BUD	iLoc	HHZ	???	_



ZST	0.24	323.8	Lg	02:45:51.628	0.1	T__			282617	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MODS	0.37	356.2	Pg	02:45:50.121	0.1	T__			282615	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.37	356.2	Lg	02:45:55.381	-0.7	T__			282616	FDSN	SK	--	BUD	iLoc	HHN	???	_		
EGYH	0.59	178.9	Pg	02:45:54.675	0.7	T__	212.8	---	ML	2.2	282622	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
SOP	0.60	238.2	Pg	02:45:53.349	-0.9	T__	142.2	---	ML	2.0	282619	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.60	238.2	Lg	02:46:02.982	0.6	T__			282626	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
SR0	0.70	105.4	Pg	02:45:55.616	-0.5	T__	1076.2	---	ML	2.9	282620	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.70	105.4	Lg	02:46:06.617	-0.6	T__			282628	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
HU08A	0.70	144.0	Pg	02:45:56.535	0.4	T__	90.9	---	ML	1.9	282623	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.70	144.0	Lg	02:46:05.912	-1.1	T__			282629	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
RONA	0.75	246.5	Pg	02:45:56.076	-1.1	T__			282621	FDSN	OE	--	BUD	iLoc	HHZ	???	_		
RONA	0.75	246.5	Lg	02:46:07.120	0.0	T__			282627	FDSN	OE	--	BUD	iLoc	HHN	???	_		
HU09A	0.81	116.4	Lg	02:46:10.579	-0.3	T__			282631	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
A260A	0.83	210.0	Pg	02:45:57.786	-0.9	T__	299.6	---	ML	2.4	282624	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.83	210.0	Lg	02:46:10.498	0.6	T__			282630	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
MPLH	0.85	169.6	Pg	02:45:58.588	-0.2	T__	128.5	---	ML	2.1	282625	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.85	169.6	Lg	02:46:10.434	-0.6	T__			282633	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
JAVC	0.89	15.3	Pg	02:46:00.196	0.1	T__	143.4	---	ML	2.2	282632	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
CSKK	0.90	134.7	Pg	02:46:00.598	0.6	T__	73.3	---	ML	1.9	282647	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
CONA	0.98	266.2	Pg	02:46:01.049	-0.5	T__	232.0	---	ML	2.4	282635	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.98	266.2	Sn	02:46:15.375	-0.5	T__			282634	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
HU10A	1.16	97.2	Sn	02:46:19.438	-0.7	T__			282638	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
TIH	1.17	160.2	Lg	02:46:21.801	0.1	T__			282646	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KRUC	1.22	330.4	Pn	02:46:04.857	-0.4	T__	63.5	---	ML	2.0	282637	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	330.4	Sn	02:46:22.669	0.8	T__			282636	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
A262A	1.26	205.4	Pn	02:46:06.379	0.7	T__	128.1	---	ML	2.3	282639	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A267A	1.32	142.7	Sn	02:46:26.094	1.9	T__			282645	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
VRAC	1.39	340.2	Pn	02:46:07.471	-0.1	T__	30.6	---	ML	1.8	282640	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
ARSA	1.43	238.8	Pg	02:46:09.408	-0.0	T__	130.9	---	ML	2.4	282641	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

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ARSA 1.43 238.8 Lg 02:46:27.626 -0.2 T__ --- 282642 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU03A 1.54 92.8 Lg 02:46:33.993 -1.1 T__ --- 282643 FDSN ZJ 00 BUD iLoc HHN ??? _
MORC 1.78 4.8 Pn 02:46:13.477 0.5 T__ 77.8 --- ML 2.4 282644 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/25 09:07:18.55 1.04 2.05 46.0145 22.8215 9.7 4.6 76 0.0f 8 5 135 0.14 0.93 sx BUD 18004810 BUD 244

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Magnitude Err Nsta Author OrigID
ML 1.6 0.0 3 BUD 18004810

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.14 156.5 Pg 09:07:21.083 -0.2 T__ 804.5 --- ML 1.6 282866 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.14 156.5 Lg 09:07:23.948 0.7 T__ --- 282865 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.62 182.9 Pg 09:07:30.555 0.0 T__ 62.5 --- ML 1.6 282867 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.62 182.9 Lg 09:07:39.900 0.5 T__ --- 282868 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.78 354.4 Pg 09:07:35.206 0.9 T__ 53.8 --- ML 1.7 282871 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.78 354.4 Lg 09:07:41.995 -4.4 T__ --- 282870 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 0.87 130.1 Lg 09:07:47.769 -0.3 T__ --- 282869 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.93 245.2 Lg 09:07:49.479 -0.4 T__ --- 282872 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/25 09:27:29.53 1.01 1.55 47.5167 18.7552 9.1 4.2 176 0.0f 8 6 126 0.19 1.30 sx BUD 18004812 BUD 164

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BUD 0.19 100.2 Lg 09:27:38.160 0.5 T__ --- 282916 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.28 295.9 Lg 09:27:40.262 -0.6 T__ --- 282917 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 0.37 245.6 Pg 09:27:37.505 0.2 T__ 209.1 --- ML 1.6 282913 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.37 245.6 Lg 09:27:42.278 -1.7 T__ --- 282918 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A 0.57 261.7 Pg 09:27:42.912 1.7 T__ 74.2 --- ML 1.7 282915 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.57 261.7 Lg 09:27:49.840 -0.8 T__ --- 282914 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 0.87 62.0 Lg 09:27:58.974 -2.3 T__ --- 282919 FDSN GE -- BUD iLoc HHE ??? _
MORH 1.30 183.4 Sn 09:28:12.849 -0.2 T__ --- 282920 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
2022/11/25	09:45:40.40	2.70	1.28	48.4629	17.5966	28.9	3.6	125	0.0f	7	5	224	0.23	1.32	sx	BUD	18004814	BUD				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
MODS	0.23	247.3	Pg	09:45:45.224	-0.4					T__						282940	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.23	247.3	Lg	09:45:49.052	-0.8					T__						282941	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.40	7.0	Pg	09:45:48.538	-0.4					T__		74.8				282943	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.40	7.0	Lg	09:45:55.253	-0.3					T__						282942	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
ZST	0.42	231.2	Lg	09:45:57.388	1.3					T__						282945	FDSN	SK	--	BUD	iLoc	HHN	???	_
CONA	1.28	245.9	Lg	09:46:22.622	0.6					T__						282944	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORC	1.32	358.5	Lg	09:46:25.085	1.9					T__						282946	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/25	10:08:44.59	0.86	1.15	47.5664	18.6822	6.1	3.0	174	0.0f	11	9	125	0.22	1.36	sx	BUD	18004816	BUD					168

Magnitude Err Nsta Author OrigID  
ML 1.2 0.0 3 BUD 18004816

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
HU09A	0.22	289.7	Pg	10:08:50.418	1.0					T__		178.8				283000	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.22	289.7	Lg	10:08:53.957	0.3					T__						283001	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
BUD	0.25	109.6	Pg	10:08:51.322	1.1					T__		157.7				282995	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
CSKK	0.35	234.7	Lg	10:08:56.311	-2.1					T__						282999	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU10A	0.36	39.0	Lg	10:08:58.108	-0.5					T__						282996	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU03A	0.71	61.1	Lg	10:09:10.082	-0.1					T__						283002	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.87	243.4	Lg	10:09:14.543	-0.5					T__						282997	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.89	66.3	Pg	10:09:02.751	-0.8					T__		82.8				283003	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	66.3	Lg	10:09:16.219	-0.8					T__						282993	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
MODS	1.24	311.1	Sn	10:09:25.321	-1.4					T__						282998	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	1.36	65.2	Sn	10:09:29.786	0.1					T__						282994	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/25	23:04:04.97	0.84	0.86	47.5930	18.5078	4.2	3.3	54	5.0f	17	14	101	0.10	1.53	ke	BUD	18004824	BUD					137

Magnitude Err Nsta Author OrigID  
ML 1.4 0.3 3 BUD 18004824

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
HU09A	0.10	298.3	Pg	23:04:06.949	-0.4					T__		752.6				283129	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	298.3	Lg	23:04:08.050	-1.4					T__						283139	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SR0 0.26 329.3 Lg 23:04:15.569 0.8 T__ --- 283140 FDSN SK -- BUD iLoc EHN ??? _
CSKK 0.28 216.2 Pg 23:04:10.199 -0.7 T__ 87.3 --- ML 1.0 283131 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.28 216.2 Lg 23:04:15.053 -0.8 T__ --- 283130 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
BUD 0.37 107.2 Lg 23:04:18.158 -0.5 T__ --- 283141 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.43 248.0 Lg 23:04:19.992 -0.5 T__ --- 283132 FDSN ZJ 00 BUD iLoc HHN ??? _
A271A 0.49 153.1 Lg 23:04:24.055 1.1 T__ --- 283133 FDSN ZJ 00 BUD iLoc HHN ??? _
A267A 0.65 181.6 Lg 23:04:27.476 -0.5 T__ --- 283134 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.78 237.6 Pg 23:04:21.404 0.9 T__ 49.3 --- ML 1.6 283135 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.78 237.6 Lg 23:04:32.929 1.1 T__ --- 283142 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
EGYH 0.82 258.0 Lg 23:04:33.685 0.8 T__ --- 283143 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.99 70.3 Sn 23:04:40.102 -0.4 T__ --- 283144 FDSN GE -- BUD iLoc HHN ??? _
HU13A 1.20 119.7 Sn 23:04:46.367 0.8 T__ --- 283136 FDSN ZJ 00 BUD iLoc HHN ??? _
HU22A 1.34 161.1 Sn 23:04:49.257 0.4 T__ --- 283137 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.38 176.1 Sn 23:04:49.685 -0.3 T__ --- 283145 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.53 190.7 Sn 23:04:54.530 0.8 T__ --- 283138 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
2022/11/26 00:49:48.47 3.24 1.20 45.6942 17.8567 22.3 6.8 0 9.6 8.7 8 4 273 0.22 0.76 ke BUD 18004826 BUD 306

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Magnitude Err Nsta Author OrigID
ML 1.4 0.4 4 BUD 18004826

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A273A 0.22 352.7 Pg 00:49:53.326 -0.1 T__ 162.6 _d ML 1.1 283174 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A273A 0.22 352.7 Lg 00:49:56.850 0.0 T__ --- 283175 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KOVH 0.43 23.2 Pg 00:49:57.197 -0.1 T__ 42.2 --- ML 1.1 283172 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.43 23.2 Lg 00:50:02.848 -0.6 T__ --- 283173 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A264A 0.61 319.8 Pg 00:50:00.087 -0.6 T__ 113.1 --- ML 1.9 283176 FDSN ZJ 00 BUD iLoc HHZ HHZ _
A264A 0.61 319.8 Lg 00:50:11.042 2.2 T__ --- 283177 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 0.76 46.2 Pg 00:50:03.441 0.2 T__ 50.1 --- ML 1.6 283170 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.76 46.2 Lg 00:50:13.895 0.1 T__ --- 283171 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/26 07:58:56.98 1.10 0.51 48.5058 17.5488 10.1 3.1 118 5.8 10.0 11 6 211 0.22 1.27 ke BUD 18004830 BUD 277

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Magnitude Err Nsta Author OrigID

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ML 1.7 0.6 3 BUD 18004830

Sta	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	0.22	233.9	Pg	07:59:02.213	0.3					T__						283265	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.22	233.9	Lg	07:59:05.336	-0.4					T__						283266	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.36	12.8	Pg	07:59:04.683	0.0					T__		82.8			ML	1.2	283269	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	12.8	Lg	07:59:10.572	0.0					T__						283272	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ZST	0.43	224.0	Pg	07:59:06.130	0.4					T__						283267	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.43	224.0	Lg	07:59:11.968	-0.4					T__						283268	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.94	306.5	Pg	07:59:15.712	0.7					T__		46.1			ML	1.7	283270	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.94	306.5	Lg	07:59:28.146	-0.7					T__						283271	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
RONA	1.16	226.6	Lg	07:59:34.589	-0.5					T__						283273	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.27	243.5	Pn	07:59:21.322	-0.0					T__		78.7			ML	2.1	283275	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.27	243.5	Sn	07:59:38.651	-0.1					T__						283274	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/26	13:19:06.55	0.82	0.60	48.5367	22.8612	6.5	5.1	7	0.0f		14	10	97	0.43	1.75	sx	BUD	18004836	BUD			158

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.0	7 BUD	18004836

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MEZ	0.43	92.7	Pg	13:19:15.100	0.0					T__						283447	FDSN	UA	--	BUD	iLoc	BHZ	???	_	
MEZ	0.43	92.7	Lg	13:19:21.582	-0.2					T__						283446	FDSN	UA	--	BUD	iLoc	BHN	???	_	
TRPA	0.46	208.0	Pg	13:19:16.250	0.5					T__		69.0			ML	1.4	283452	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KOLS	0.56	315.8	Pg	13:19:18.137	0.8					T__						283453	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
BMR	0.96	153.5	Pg	13:19:25.709	0.5					T__		145.2			ML	2.2	283445	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BMR	0.96	153.5	Lg	13:19:40.390	0.1					T__						283456	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
KWP	1.10	354.8	Pn	13:19:28.941	-0.3					T__		123.9			ML	2.2	283450	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
ABAH	1.11	258.0	Pg	13:19:27.571	-0.7					T__		121.1			ML	2.2	283448	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.11	258.0	Lg	13:19:44.022	-1.1					T__						283457	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
JOS	1.54	269.4	Pn	13:19:34.546	-0.8					T__		41.0			ML	2.0	283449	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.54	269.4	Sn	13:19:56.080	0.0					T__						283454	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KECS	1.58	268.9	Pg	13:19:38.037	0.3					T__		92.5			ML	2.3	283458	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									

HU02A	1.61	256.0	Pn	13:19:36.548	0.2	T__	41.0	___	ML	2.0	283451	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
DRGR	1.75	183.4	Lg	13:20:05.786	0.4	T__		---			283455	FDSN	RO	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/26	15:42:01.64	0.79	0.19	47.7222	16.0269	5.0	3.6	23	6.8	7.3	14	8	119	0.18	1.63	ke	BUD	18004838	BUD			217

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.5	4 BUD	18004838

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.18	97.0	Pg	15:42:05.815	0.1					T__				__c_		283500	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.18	97.0	Lg	15:42:08.590	-0.0					T__				---		283501	FDSN	OE	--	BUD	iLoc	HNN	???	_	
CONA	0.23	331.7	Pg	15:42:06.719	0.1					T__	120.0			___	ML	1.0	283498	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.23	331.7	Lg	15:42:10.006	-0.1					T__				---		283499	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SOP	0.36	96.0	Pg	15:42:09.111	0.1					T__		74.0		_d_	ML	1.2	283502	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.36	96.0	Lg	15:42:13.840	-0.2					T__				---		283503	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ARSA	0.58	216.1	Pg	15:42:12.964	-0.0					T__		66.7		___	ML	1.6	283505	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.58	216.1	Lg	15:42:20.450	0.0					T__				---		283504	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MODS	1.06	51.7	Pn	15:42:23.061	0.1					T__				---		283506	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.06	51.7	Sn	15:42:37.979	-0.1					T__				---		283507	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KRUC	1.36	10.2	Pn	15:42:26.895	-0.2					T__		61.7		___	ML	2.0	283508	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.36	10.2	Sn	15:42:45.374	-0.1					T__				---		283509	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
CKRC	1.59	314.4	Lg	15:42:53.006	0.3					T__				---		283510	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
VRAC	1.63	13.1	Sn	15:42:52.385	0.3					T__				---		283511	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/27	23:48:58.56	0.94	0.42	47.4364	18.1548	4.2	3.7	12	5.0f	7	4	132		0.10	0.39	ke	BUD	18004844	BUD			240

Magnitude	Err	Nsta	Author	OrigID
ML	0.4	0.0	3 BUD	18004844

Sta	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	135.6	Pg	23:49:01.350	0.3					T__		64.8		___	ML	0.4	283680	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	135.6	Lg	23:49:02.853	-0.5					T__				---		283684	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
HU08A	0.16	268.2	Pg	23:49:02.082	0.0					T__		47.7		___	ML	0.4	283685	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.16	268.2	Lg	23:49:05.088	0.1					T__				---		283681	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									

HU09A	0.25	37.2	Lg	23:49:07.778	-0.6	T__										283686	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
SR0	0.39	15.8	Pg	23:49:06.780	0.2	T__					115.2	---	ML	1.5	283682	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
SR0	0.39	15.8	Lg	23:49:12.979	-0.1	T__						---			283683	FDSN	SK	--	BUD	iLoc	EHN	???	_	

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/28	10:44:33.40	0.97	0.35	47.8758	16.0728	10.9	4.0	37	0.0f	6	3	151		0.15	1.21	sx	BUD	18004846	BUD			280

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	290.4	Pg	10:44:36.500	-0.2					T__		91.1		---	ML	0.7	283720	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	290.4	Lg	10:44:39.258	0.3					T__				---		283721	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 0.7 magdef=1  
 (Station ML: 0.7 magdef=1

RONA	0.23	139.4	Pg	10:44:38.082	-0.2					T__				---		283722	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	139.4	Lg	10:44:42.198	0.5					T__				---		283723	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.21	10.1	Pg	10:44:56.598	0.1					T__		72.5		---	ML	2.0	283724	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	10.1	Sn	10:45:14.495	-0.1					T__				---		283725	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/28	11:06:44.12	1.03	0.86	47.8916	20.0962	6.2	4.1	158	0.0f	11	8	107		0.14	0.87	sx	BUD	18004848	BUD			203

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.1 3 BUD 18004848

Sta	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	281.2	Pg	11:06:47.950	0.2					T__		300.3		---	ML	1.2	283751	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.14	281.2	Lg	11:06:49.896	-0.8					T__				---		283755	FDSN	GE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1

ET1H	0.15	265.4	Pg	11:06:48.271	0.5					T__		322.4		---	ML	1.2	283753	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.15	265.4	Lg	11:06:50.388	-0.4					T__				---		283752	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1

HU23A	0.27	157.7	Lg	11:06:55.048	-0.0					T__				---		283756	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	0.33	272.3	Pg	11:06:51.594	0.2					T__		70.5		---	ML	1.1	283758	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	272.3	Lg	11:06:56.341	-0.5					T__				---		283757	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1

HU02A	0.37	51.1	Lg	11:06:56.963	-1.5					T__				---		283754	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.65	23.6	Lg	11:07:08.034	1.0					T__				---		283761	FDSN	SK	--	BUD	iLoc	EHN	???	_
JDS	0.67	26.0	Lg	11:07:08.384	0.5					T__				---		283759	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
ABAH	0.87	61.7	Lg	11:07:14.346	-1.0					T__				---		283760	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
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2022/11/28 20:21:45.37 1.53 0.92 46.0333 17.0779 12.5 4.9 10 5.0f 11 6 220 0.19 1.10 ke BUD 18004850 BUD 289

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 5 BUD 18004850

Sta	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	0.19	49.3	Pg	20:21:48.738	-0.9					T__		272.2		---	ML	1.3 283835	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.19	49.3	Lg	20:21:52.501	-0.1					T__				---		283836	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0)																								
A263A	0.63	15.0	Lg	20:22:07.398	0.8					T__				---		283834	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A265A	0.63	51.6	Pg	20:21:57.883	-0.2					T__		112.5		---	ML	1.9 283831	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.63	51.6	Lg	20:22:08.424	1.6					T__				---		283837	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																								
KOGS	0.71	306.1	Pg	20:21:59.109	-0.2					T__		49.6		---	ML	1.6 283839	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.71	306.1	Lg	20:22:09.116	0.6					T__				---		283838	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																								
KOVH	0.71	85.2	Pg	20:21:59.786	0.0					T__		45.2		---	ML	1.6 283829	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.71	85.2	Lg	20:22:10.723	1.2					T__				---		283830	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																								
MORH	1.10	80.0	Pg	20:22:06.190	-0.7					T__		35.9		---	ML	1.7 283833	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.10	80.0	Lg	20:22:21.981	0.5					T__				---		283832	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/28 20:50:07.64 1.23 1.19 46.0118 17.0549 9.4 4.2 11 5.0f 13 9 162 0.22 1.12 ke BUD 18004852 BUD 208

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.3 4 BUD 18004852

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A264A	0.22	47.8	Pg	20:50:11.489	-0.9					T__		193.7		---	ML	1.2 283873	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.22	47.8	Lg	20:50:15.189	-0.5					T__				---		283874	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																								
BEHE	0.50	337.2	Lg	20:50:27.199	2.7					T__				---		283882	FDSN	HU	--	BUD	iLoc	HHN	???	_
A273A	0.54	99.9	Lg	20:50:26.660	1.0					T__				---		283875	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A265A	0.66	51.0	Pg	20:50:20.794	-0.1					T__		112.6		---	ML	1.9 283876	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.66	51.0	Lg	20:50:30.053	0.1					T__				---		283877	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																								
KOGS	0.71	308.3	Pg	20:50:20.418	-1.2					T__		49.2		---	ML	1.6 283879	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.71	308.3	Lg	20:50:32.050	1.3					T__				---		283878	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																								
KOVH	0.73	83.6	Pg	20:50:22.298	-0.0					T__		43.5		---	ML	1.5 283881	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.73	83.6	Lg	20:50:33.300	1.1					T__				---		283880	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								



```

(Station ML: 1.5 magdef=1
PTJ 0.77 262.5 Lg 20:50:34.322 0.6 T__ --- 283883 FDSN CR -- BUD iLoc BHN ??? _
A262A 0.93 337.0 Lg 20:50:38.101 0.2 T__ --- 283884 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.12 79.0 Lg 20:50:44.939 0.5 T__ --- 283885 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
2022/11/29 07:27:19.29 1.38 0.71 46.0781 22.8447 9.7 7.7 74 0.0f 8 5 141 0.20 0.97 sx BUD 18004854 BUD 251

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 18004854

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.20 168.1 Pg 07:27:23.225 0.1 T__ 354.6 --- ML 1.4 283928 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.20 168.1 Lg 07:27:25.526 -0.4 T__ --- 283934 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
GZR 0.69 184.0 Pg 07:27:32.620 0.2 T__ 36.0 --- ML 1.4 283930 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.69 184.0 Lg 07:27:41.786 -0.4 T__ --- 283932 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
DRGR 0.72 352.7 Lg 07:27:44.735 -0.7 T__ 51.4 --- 283933 FDSN RO -- BUD iLoc HHN ??? _
LOT 0.90 133.9 Pg 07:27:37.311 0.7 T__ --- ML 1.7 283935 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.90 133.9 Lg 07:27:48.787 -1.1 T__ --- 283931 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
BZS 0.97 242.2 Lg 07:27:52.185 0.2 T__ --- 283929 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/29 08:10:53.37 1.03 0.94 46.0567 22.8661 7.7 4.3 78 0.0f 10 5 141 0.18 0.98 sx BUD 18004856 BUD 249

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 18004856

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.18 171.5 Pg 08:10:56.895 0.2 T__ 633.3 --- ML 1.6 283996 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.18 171.5 Lg 08:10:59.178 -0.0 T__ --- 284003 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.67 185.4 Pg 08:11:05.733 -0.4 T__ 57.8 --- ML 1.6 283997 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.67 185.4 Lg 08:11:15.502 -0.1 T__ --- 284004 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.74 351.8 Pg 08:11:08.709 0.4 T__ 53.4 --- ML 1.6 284001 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.74 351.8 Lg 08:11:18.496 -1.9 T__ --- 284002 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LOT 0.88 133.6 Pg 08:11:10.919 0.7 T__ 63.7 --- ML 1.8 283998 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.88 133.6 Lg 08:11:22.185 -0.9 T__ --- 284005 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0

```

BZS 0.98 243.7 Pg 08:11:13.256 0.8 T\_\_ 31.2 \_\_\_ ML 1.5 284000 FDSN RO -- BUD iLoc HHZ HHZ \_  
 BZS 0.98 243.7 Lg 08:11:25.599 -0.6 T\_\_ \_\_\_ 283999 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=0

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/29 08:41:08.29 0.79 0.76 47.7337 19.0687 4.4 3.3 153 0.0f 19 13 112 0.12 1.46 sx BUD 18004858 BUD 132

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.1 6 BUD 18004858

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.12	343.2	Pg	08:41:11.448	0.3					T__		2267.4		___	ML	2.0	284078	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.12	343.2	Lg	08:41:12.945	-0.8					T__				---		284085	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																									
BUD	0.25	186.9	Lg	08:41:19.150	0.5					T__				---		284086	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU03A	0.40	64.4	Pg	08:41:18.040	1.2					T__		167.7		---	ML	1.6	284079	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.40	64.4	Lg	08:41:22.860	-0.3					T__				---		284080	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU09A	0.47	258.7	Lg	08:41:24.797	-1.4					T__				---		284087	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.56	74.7	Pg	08:41:20.523	0.2					T__		41.4		---	ML	1.4	284081	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.56	74.7	Lg	08:41:28.813	-0.1					T__				---		284088	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
PSZ	0.59	71.3	Pg	08:41:20.377	-0.6					T__		57.4		---	ML	1.6	284090	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.59	71.3	Lg	08:41:29.945	-0.3					T__				---		284089	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
CSKK	0.66	236.2	Lg	08:41:31.455	-1.3					T__				---		284091	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A267A	0.88	207.1	Lg	08:41:39.870	-0.0					T__				---		284092	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	1.05	67.8	Pg	08:41:30.566	0.6					T__		40.6		---	ML	1.7	284082	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.05	67.8	Sn	08:41:44.625	-1.2					T__				---		284084	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
MPLH	1.18	242.1	Sn	08:41:49.481	0.6					T__				---		284093	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	1.21	51.2	Sn	08:41:49.481	-0.1					T__				---		284094	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.25	51.7	Pg	08:41:32.976	0.0					T__		34.2		---	ML	1.7	284083	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.25	51.7	Sn	08:41:50.322	-0.1					T__				---		284095	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
JAVC	1.46	320.9	Sn	08:41:56.593	0.7					T__				---		284096	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/29 08:48:30.20 0.88 1.24 48.5414 18.5574 10.2 4.9 22 0.0f 12 9 127 0.67 1.44 sx BUD 18004860 BUD 166

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 3 BUD 18004860

Sta	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	0.67	298.8	Lg	08:48:54.610	0.1					T__						284137	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MODS	0.87	259.3	Lg	08:49:00.687	-0.5					T__						284138	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU03A	0.94	132.1	Pg	08:48:51.235	1.5					T__		75.7			ML	1.9	284135	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.94	132.1	Lg	08:49:03.359	-0.3					T__						284134	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	1.09	124.4	Sn	08:49:07.997	-0.6					T__						284139	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.10	126.5	Sn	08:49:06.998	-1.8					T__						284140	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	1.28	91.9	Sn	08:49:11.174	-2.1					T__						284131	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.32	91.2	Pn	08:48:55.106	-0.8					T__		24.7			ML	1.6	284133	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.32	91.2	Sn	08:49:13.511	-0.6					T__						284132	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	1.38	107.0	Pn	08:48:56.640	-0.1					T__		35.2			ML	1.8	284130	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.38	107.0	Sn	08:49:17.054	1.3					T__						284141	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	1.44	51.9	Sn	08:49:17.967	0.6					T__						284136	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
2022/11/29	10:08:45.01	1.65	0.75	48.5064	19.4131	9.7	5.0	121	0.0f		11	9	190	0.62	1.24	sx	BUD	18004862	BUD			248

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.62	168.2	Lg	10:09:08.180	1.0					T__						284202	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.67	151.1	Lg	10:09:09.542	-0.1					T__						284204	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.70	153.8	Lg	10:09:11.028	0.9					T__						284201	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.71	201.9	Lg	10:09:10.590	-0.4					T__						284203	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.71	91.5	Lg	10:09:10.152	0.2					T__						284198	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.75	90.4	Pg	10:08:59.926	0.0					T__		69.9			ML	1.8	284197	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.75	90.4	Lg	10:09:11.740	0.6					T__						284196	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.84	117.0	Pg	10:09:02.264	-0.0					T__		30.8			ML	1.5	284199	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	117.0	Lg	10:09:14.351	-0.8					T__						284205	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	1.08	32.3	Lg	10:09:21.765	0.5					T__						284206	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	1.24	99.1	Sn	10:09:25.782	-1.1					T__						284200	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
2022/11/29	10:24:44.66	1.86	1.36	46.1358	21.6362	17.2	6.4	113	0.0f		6	3	226	0.52	1.09	sx	BUD	18004864	BUD			311

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 3 BUD 18004864

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BZS	0.52	181.5	Pg	10:24:55.169	0.2					T__		38.6			ML	1.3	284241	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

BZS	0.52	181.5	Lg	10:25:01.881	-0.6	T__									284242	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
DRGR	0.99	48.2	Pg	10:25:04.830	0.4	T__					85.6		ML	2.0	284244	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.99	48.2	Lg	10:25:16.932	-2.2	T__									284243	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
GZR	1.09	132.5	Pg	10:25:05.949	0.5	T__					67.9		ML	1.9	284245	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.09	132.5	Lg	10:25:20.288	-0.3	T__									284246	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/29	10:33:25.00	1.68	0.17	47.2126	18.2958	17.0	5.8	137	0.0A	0.0	6	4	257	0.15	0.52	m	kx BUD	18004866	BUD			360
2022/11/29	10:33:23.80	0.98	1.01	47.2302	18.2835f				0.0f		6	4	254	0.13	0.51		kx BUD_GT	18004867	BUD_GT			300
(locality : Iszkaszentgyörgy Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	353.3	Pg	10:33:27.872	0.8					T__		280.9			ML	1.1	284287	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	10:33:29.268	-1.0					T__						284288	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU08A	0.32	309.6	Pg	10:33:31.344	0.7					T__		72.7			ML	1.0	284290	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.32	309.6	Lg	10:33:35.278	-1.1					T__						284289	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU09A	0.41	9.3	Lg	10:33:38.782	-1.1					T__						284291	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.51	263.5	Lg	10:33:41.578	-0.9					T__						284292	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
2022/11/29	10:49:48.97	0.68	1.22	47.3837	18.4163	3.7	2.8	152	0.0f		21	15	80	0.11	1.31		sx BUD	18004868	BUD			109

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	18004868

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	259.1	Pg	10:49:50.797	-1.0					T__		2684.8			ML	2.0	284375	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	259.1	Lg	10:49:52.842	-1.6					T__						284376	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU09A	0.26	354.9	Lg	10:49:58.620	-0.8					T__						284383	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.34	278.3	Pg	10:49:58.630	2.4					T__		135.1			ML	1.4	284377	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.34	278.3	Lg	10:50:01.369	-0.8					T__						284384	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
A267A	0.44	174.1	Pg	10:50:00.133	2.1					T__		200.6			ML	1.8	284386	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.44	174.1	Lg	10:50:03.712	-1.8					T__						284385	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.62 41.2 Pg 10:50:01.497 -0.4 T__ 203.7 --- ML 2.2 284378 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.62 41.2 Lg 10:50:12.562 0.6 T__ --- 284387 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MPLH 0.63 250.6 Lg 10:50:11.238 -0.4 T__ --- 284388 FDSN HU -- BUD iLoc HHN ??? _
EGYH 0.74 273.0 Lg 10:50:15.865 0.8 T__ --- 284389 FDSN HU -- BUD iLoc HHN ??? _
HU01A 0.82 92.3 Lg 10:50:18.231 -0.8 T__ --- 284390 FDSN ZJ 00 BUD iLoc HHN ??? _
A266A 0.86 187.0 Lg 10:50:19.069 0.1 T__ --- 284391 FDSN ZJ 00 BUD iLoc HHN ??? _
HU03A 0.95 56.5 Lg 10:50:22.866 -0.3 T__ --- 284392 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.10 62.7 Pn 10:50:11.430 -0.3 T__ 33.9 --- ML 1.6 284380 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.10 62.7 Sn 10:50:27.096 -0.5 T__ --- 284393 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 1.13 61.3 Pn 10:50:11.795 -0.4 T__ 54.3 --- ML 1.9 284381 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.13 61.3 Sn 10:50:28.228 -0.3 T__ --- 284382 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.18 172.3 Sn 10:50:27.571 -1.9 T__ --- 284379 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.25 322.7 Sn 10:50:32.798 1.4 T__ --- 284394 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.31 189.6 Sn 10:50:33.135 0.3 T__ --- 284395 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
2022/11/29 12:11:18.72 1.00 0.39 47.8805 16.0709 7.1 4.0 41 0.0f 7 4 129 0.15 1.20 sx BUD 18004870 BUD 211

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.15 288.8 Pg 12:11:21.673 -0.2 T__ 81.3 --- ML 0.6 284494 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.15 288.8 Lg 12:11:24.394 0.2 T__ --- 284498 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
RONA 0.24 139.9 Pg 12:11:23.609 -0.1 T__ --- 284495 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.24 139.9 Lg 12:11:27.060 -0.1 T__ --- 284499 FDSN OE -- BUD iLoc HHN ??? _
ARSA 0.73 210.7 Lg 12:11:42.628 0.5 T__ --- 284500 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.20 10.2 Pg 12:11:42.233 0.5 T__ 39.8 --- ML 1.8 284496 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.20 10.2 Lg 12:11:59.543 0.0 T__ --- 284497 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/29 13:39:31.11 0.73 1.02 47.1397 19.3350 6.0 3.8 110 0.0f 14 8 104 0.82 1.35 sx BUD 18004874 BUD 168

```

Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 7 BUD 18004874

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.82 308.0 Pg 13:39:49.080 1.4 T__ 237.4 --- ML 2.3 284597 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1

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```

(Station ML: 2.3 magdef=1
ET1H 0.82 26.0 Pg 13:39:48.744 0.2 T__ 66.4 ___ ML 1.8 284598 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.82 26.0 Lg 13:40:00.722 -0.3 T__ ___ 284599 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU14A 0.86 143.3 Pg 13:39:51.128 2.3 T__ 251.1 ___ ML 2.4 284608 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU14A 0.86 143.3 Lg 13:40:01.737 -0.6 T__ ___ 284609 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
PSZ 0.87 25.7 Pg 13:39:49.516 -0.1 T__ 147.9 ___ ML 2.2 284600 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.87 25.7 Lg 13:40:02.225 -0.7 T__ ___ 284601 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MORH 1.04 207.5 Pg 13:39:51.996 -0.4 T__ 42.0 ___ ML 1.7 284602 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.04 207.5 Lg 13:40:06.859 -0.2 T__ ___ 284610 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
MPLH 1.23 272.1 Sn 13:40:13.187 0.4 T__ ___ 284603 FDSN HU -- BUD iLoc HHN ??? _
HU02A 1.27 38.9 Pn 13:39:55.765 -0.4 T__ 42.3 ___ ML 1.8 284604 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.27 38.9 Sn 13:40:14.244 0.3 T__ ___ 284605 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOVH 1.35 219.4 Pn 13:39:56.566 -0.7 T__ 41.7 ___ ML 1.9 284606 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.35 219.4 Sn 13:40:14.387 -1.5 T__ ___ 284607 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/30 09:26:27.03 1.36 1.08 48.4681 17.5655 11.7 3.6 121 0.0f 9 5 218 0.21 1.15 sx BUD 18004876 BUD 280

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.21 243.9 Pg 09:26:31.945 0.0 T__ ___ 284643 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.21 243.9 Lg 09:26:34.084 -1.8 T__ ___ 284644 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.40 10.1 Pg 09:26:35.367 -0.2 T__ 90.5 ___ ML 1.4 284645 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.40 10.1 Lg 09:26:41.867 -0.3 T__ ___ 284646 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ZST 0.41 228.8 Lg 09:26:41.461 -0.9 T__ ___ 284647 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.98 307.9 Pg 09:26:46.079 0.3 T__ 76.7 ___ ML 1.9 284649 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.98 307.9 Lg 09:27:00.652 0.6 T__ ___ 284648 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
RONA 1.15 228.4 Pg 09:26:51.038 1.3 T__ ___ 284650 FDSN OE -- BUD iLoc HHZ ??? _
RONA 1.15 228.4 Sn 09:27:07.599 0.8 T__ ___ 284651 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/30 09:47:01.27 0.76 0.98 48.9831 18.2552 6.8 5.3 166 0.0f 15 10 91 0.41 1.74 sx BUD 18004878 BUD 146

```

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.1 6 BUD 18004878

Sta	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	0.41	252.4	Pg	09:47:09.414	-0.4					T__		204.1		---	ML	1.7 284690	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.41	252.4	Lg	09:47:17.540	1.0					T__				---		284695	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
MODS	0.89	227.1	Lg	09:47:32.773	-0.0					T__				---		284694	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORC	0.92	329.9	Lg	09:47:32.317	1.0					T__				---		284691	FDSN	CZ	--	BUD	iLoc	HHN	???	_
NIE	1.41	71.2	Sn	09:47:48.778	1.2					T__				---		284696	FDSN	PL	--	BUD	iLoc	BHN	???	_
PSZ	1.53	133.7	Pn	09:47:29.679	-0.2					T__		56.6		---	ML	2.1 284686	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.53	133.7	Sn	09:47:51.660	1.2					T__				---		284687	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
ET1H	1.54	135.1	Pn	09:47:29.935	-0.1					T__		41.7		---	ML	2.0 284689	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.54	135.1	Sn	09:47:51.062	0.3					T__				---		284688	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KECS	1.56	107.9	Pn	09:47:30.277	0.0					T__		87.0		---	ML	2.3 284684	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.56	107.9	Sn	09:47:50.976	-0.2					T__				---		284685	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=0)																								
JOS	1.59	107.0	Pn	09:47:30.277	-0.4					T__		36.1		---	ML	1.9 284683	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.59	107.0	Sn	09:47:53.414	1.5					T__				---		284693	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
OJC	1.59	38.5	Sn	09:47:50.689	-1.4					T__				---		284692	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	1.74	118.9	Pn	09:47:31.432	-1.3					T__		40.2		---	ML	2.1 284697	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/30 09:50:29.43 1.00 0.93 48.4421 19.3583 5.9 5.5 66 0.0f 14 11 104 0.56 1.79 sx BUD 18004880 BUD 127

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.3 3 BUD 18004880

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU03A	0.56	163.2	Lg	09:50:51.309	1.5					T__				---		284741	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.64	145.4	Lg	09:50:52.124	-0.7					T__				---		284742	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.66	148.4	Lg	09:50:52.931	-0.3					T__				---		284743	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.75	86.4	Pg	09:50:44.882	0.4					T__		104.1		---	ML	1.9 284736	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.75	86.4	Lg	09:50:55.723	0.0					T__				---		284735	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
JOS	0.79	85.7	Pg	09:50:45.245	0.2					T__		45.0		---	ML	1.6 284733	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	85.7	Lg	09:50:56.429	-0.5					T__				---		284734	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
HU02A	0.84	111.9	Pg	09:50:47.341	0.5					T__		26.7		---	ML	1.4 284737	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	111.9	Lg	09:50:58.439	-1.4					T__				---		284738	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

(Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 NIE 1.16 32.1 Lg 09:51:08.638 0.6 T\_\_ --- 284740 FDSN PL -- BUD iLoc BHN ??? \_  
 JAVC 1.19 291.1 Sn 09:51:09.976 -0.4 T\_\_ --- 284746 FDSN CZ -- BUD iLoc HHN ??? \_  
 ABAH 1.26 95.9 Sn 09:51:11.974 -0.0 T\_\_ --- 284739 FDSN HU -- BUD iLoc HHN ??? \_  
 MODS 1.39 267.9 Sn 09:51:13.395 -1.7 T\_\_ --- 284744 FDSN SK -- BUD iLoc HHN ??? \_  
 MORC 1.79 318.9 Sn 09:51:25.678 0.5 T\_\_ --- 284745 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/30 10:26:02.96 1.25 0.98 48.6460 21.4205 8.7 5.2 174 0.0f 11 7 166 0.37 1.29 sx BUD 18004882 BUD 228

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 4 BUD 18004882

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 ABAH 0.37 199.0 Pg 10:26:10.413 -0.2 T\_\_ 128.0 --- ML 1.4 284780 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ABAH 0.37 199.0 Lg 10:26:16.892 -0.2 T\_\_ --- 284774 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 JJS 0.60 255.9 Pg 10:26:14.668 -0.3 T\_\_ 35.6 --- ML 1.4 284776 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JJS 0.60 255.9 Lg 10:26:24.590 0.4 T\_\_ --- 284775 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 KOLS 0.63 62.7 Lg 10:26:24.883 -0.6 T\_\_ --- 284783 FDSN SK -- BUD iLoc HHN ??? \_  
 HU11A 0.74 193.3 Lg 10:26:29.339 -0.9 T\_\_ --- 284782 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 HU02A 0.79 229.1 Pg 10:26:19.244 -0.1 T\_\_ 42.8 --- ML 1.6 284777 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.79 229.1 Lg 10:26:31.646 -0.0 T\_\_ --- 284781 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 TRPA 0.91 124.3 Pg 10:26:21.083 0.5 T\_\_ 50.6 --- ML 1.7 284779 FDSN HU -- BUD iLoc HHZ HHZ \_  
 TRPA 0.91 124.3 Lg 10:26:33.314 -2.0 T\_\_ --- 284778 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 ET1H 1.29 234.0 Sn 10:26:47.550 1.4 T\_\_ --- 284784 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  
 2022/11/30 10:34:24.17 0.96 1.10 45.6180 17.2963 5.5 4.6 145 0.0f 15 10 128 0.47 1.31 sx BUD 18004884 BUD 222

Magnitude Err Nsta Author OrigID  
 ML 2.2 0.2 9 BUD 18004884

Sta 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 0.47 50.5 Pg 10:34:34.163 0.1 T\_\_ 393.7 --- ML 2.2 284876 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1  
 A264A 0.54 359.5 Pg 10:34:37.160 1.6 T\_\_ 254.7 --- ML 2.2 284873 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1  
 KOVH 0.73 49.8 Pg 10:34:39.357 0.1 T\_\_ 180.2 --- ML 2.2 284880 FDSN HU -- BUD iLoc HHZ HHZ \_  
 KOVH 0.73 49.8 Lg 10:34:50.930 1.1 T\_\_ --- 284881 FDSN HU -- BUD iLoc HHN ??? \_



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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BLY 0.87 185.3 Pg 10:34:42.139 1.0 T__ 89.2 ___ ML 1.9 284877 FDSN MN -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A265A 0.88 23.1 Pg 10:34:42.437 0.3 T__ 347.6 ___ ML 2.5 284874 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
BEHE 0.93 337.1 Pg 10:34:43.516 0.5 T__ 181.8 ___ ML 2.3 284875 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.93 337.1 Lg 10:34:55.691 -0.0 T__ ___ 284878 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
PTJ 0.97 287.7 Pg 10:34:43.298 -0.5 T__ 74.9 ___ ML 1.9 284870 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.97 287.7 Lg 10:34:57.410 -0.0 T__ ___ 284869 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 1.10 319.1 Lg 10:35:01.961 1.4 T__ ___ 284871 FDSN SL -- BUD iLoc BHN ??? _
MORH 1.11 57.1 Pg 10:34:45.374 -1.0 T__ ___ ML 1.8 284867 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.11 57.1 Sn 10:35:01.454 -1.6 T__ ___ 284868 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
CRES 1.31 279.8 Pg 10:34:48.795 -0.4 T__ 64.3 ___ ML 2.0 284879 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 1.31 279.8 Sn 10:35:05.993 -1.8 T__ ___ 284872 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/11/30 10:37:30.14 1.25 0.98 48.8656 21.4098 8.6 5.3 0 0.0f 12 8 135 0.57 1.39 sx BUD 18004886 BUD 204

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 5 BUD 18004886

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Sta 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 0.57 82.9 Lg 10:37:50.634 0.0 T__ ___ 284927 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.58 191.3 Pg 10:37:42.508 0.7 T__ 74.0 ___ ML 1.7 284924 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.58 191.3 Lg 10:37:50.078 -1.4 T__ ___ 284931 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.69 237.6 Pg 10:37:44.219 0.5 T__ 41.3 ___ ML 1.5 284925 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.69 237.6 Lg 10:37:53.499 -0.5 T__ ___ 284932 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KECS 0.72 238.3 Pg 10:37:45.630 1.1 T__ 98.3 ___ ML 1.9 284928 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.72 238.3 Lg 10:37:55.124 -0.2 T__ ___ 284933 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
NIE 0.92 307.6 Lg 10:37:58.935 -1.5 T__ ___ 284934 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.95 218.7 Pg 10:37:48.453 -1.1 T__ 60.8 ___ ML 1.8 284929 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA 1.05 134.0 Pg 10:37:50.463 0.0 T__ 44.0 ___ ML 1.7 284926 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.05 134.0 Lg 10:38:05.901 -0.8 T__ ___ 284935 FDSN HU -- BUD iLoc HHN ??? _

```

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 PSZ 1.39 227.4 Sn 10:38:16.147 0.3 T\_\_ --- 284930 FDSN GE -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/30 11:00:13.18 0.95 0.46 48.1843 16.9586 10.3 3.6 153 0.0f 8 5 157 0.10 1.35 sx BUD 18004888 BUD 191

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZST	0.10	82.9	Pg	11:00:15.844	0.1					T__						284965	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.10	82.9	Lg	11:00:18.100	0.1					T__						284964	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.29	48.2	Pg	11:00:19.372	-0.1					T__						284961	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.29	48.2	Lg	11:00:24.611	0.1					T__						284966	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.66	222.8	Lg	11:00:34.340	-0.8					T__						284962	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.78	251.2	Pg	11:00:29.127	0.5					T__	42.3					ML 1.6 284968	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.78	251.2	Lg	11:00:38.617	-0.2					T__						284963	FDSN	OE	--	BUD	iLoc	HHN	???	_

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=0  
 ARSA 1.35 226.6 Lg 11:00:56.298 0.3 T\_\_ --- 284967 FDSN OE -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/30 11:05:39.96 0.29 0.84 46.9039 17.3215 3.5 3.1 38 0.0A 0.0 12 9 70 0.15 1.14 m kx BUD 18004890 BUD 360  
 2022/11/30 11:05:37.97 0.92 0.90 46.8902 17.3220f 0.0f 12 9 68 0.13 1.13 kx BUD\_GT 18004891 BUD\_GT 116

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

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 3 BUD 18004891

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A261A	0.13	297.5	Pg	11:05:41.696	0.4					T__	6382.3					ML 2.5 284992	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	297.5	Lg	11:05:44.447	0.4					T__						284993	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

(Reading ML: 2.5 magdef=1  
 (Station ML: 2.5 magdef=1

A263A	0.25	181.1	Lg	11:05:48.467	0.8					T__						284994	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.32	27.9	Pg	11:05:44.362	-0.6					T__	272.5					ML 1.6 284996	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	27.9	Lg	11:05:49.836	-0.5					T__						284995	FDSN	HU	--	BUD	iLoc	HHN	???	_

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

TIH	0.39	88.4	Lg	11:05:52.487	-0.1					T__						284997	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	0.80	53.2	Lg	11:06:05.317	-2.0					T__						284998	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOGS	0.86	239.5	Lg	11:06:07.883	1.7					T__						284999	FDSN	SL	--	BUD	iLoc	BHN	???	_
KOVH	0.97	145.9	Pg	11:05:57.533	0.1					T__	36.0					ML 1.6 285001	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.97	145.9	Lg	11:06:11.560	0.4					T__						285000	FDSN	HU	--	BUD	iLoc	HHN	???	_

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

RONA	1.07	319.6	Sn	11:06:15.409	0.2					T__						285002	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORH	1.13	126.0	Lg	11:06:17.633	0.5					T__						285003	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
2022/11/30	13:16:48.11	1.04	0.32	47.6204	16.3769	6.6	3.7	8	0.0f	10	6	118	0.10	0.97	sx	BUD	18004892	BUD				192

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.10	325.6	Pg	13:16:49.992	-0.4					T__						285030	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.10	325.6	Lg	13:16:52.387	0.2					T__						285031	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.14	62.8	Pg	13:16:50.933	-0.3					T__		107.0			ML	0.7	285029	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	62.8	Lg	13:16:53.841	0.2					T__						285028	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
CONA	0.46	311.7	Pg	13:16:57.605	0.2					T__		63.8			ML	1.4	285033	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.46	311.7	Lg	13:17:03.977	0.3					T__						285032	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	0.69	237.8	Lg	13:17:10.220	0.1					T__						285034	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MPLH	0.91	119.3	Lg	13:17:19.885	0.1					T__						285037	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	0.97	38.4	Pg	13:17:08.210	0.4					T__						285035	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.97	38.4	Lg	13:17:22.537	-0.1					T__						285036	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
2022/11/30	13:53:03.57	0.84	0.91	47.1383	19.3030	10.1	4.0	121	0.0f	12	7	166	0.74	1.34	sx	BUD	18004894	BUD				179

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 6 BUD 18004894

Sta	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	0.74	288.0	Lg	13:53:30.142	-0.9					T__						285075	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU03A	0.79	14.6	Pg	13:53:21.575	1.3					T__		114.7			ML	2.0	285067	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.79	14.6	Lg	13:53:32.181	-0.1					T__						285068	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	0.84	27.3	Pg	13:53:22.195	0.9					T__		31.1			ML	1.5	285066	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.84	27.3	Lg	13:53:33.357	-0.5					T__						285069	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
PSZ	0.88	27.0	Pg	13:53:22.238	-0.0					T__		110.7			ML	2.0	285070	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	27.0	Lg	13:53:34.640	-1.1					T__						285076	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
MORH	1.03	206.4	Pg	13:53:25.072	1.0					T__		29.6			ML	1.5	285071	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.03	206.4	Lg	13:53:38.415	-0.7					T__						285077	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	1.29	39.6	Pn	13:53:27.940	-0.9					T__		31.7			ML	1.7	285072	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.29	39.6	Sn	13:53:46.756	-0.0					T__						285073	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOVH	1.34	218.7	Pn	13:53:29.885	0.4					T__		34.0			ML	1.8	285074	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/01	08:07:16.18	0.45	0.21	47.9915	20.3939	6.1	3.4	153	0.0A	0.0	8	7	155	0.16	0.64	m	kx BUD	18004898	BUD			360
2022/12/01	08:07:13.68	0.99	1.31	47.9590	20.3545f				0.0f		8	7	163	0.20	0.68		kx BUD_GT	18004899	BUD_GT			196

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	08:07:18.895	0.6					T__		163.6		___	ML	1.1	285141	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	08:07:20.477	-1.7					T__				---		285143	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=0

PSZ	0.31	262.7	Lg	08:07:26.917	0.7					T__				---		285144	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.33	256.4	Lg	08:07:27.628	1.1					T__				---		285142	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.53	9.4	Lg	08:07:31.888	-0.8					T__				---		285145	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU11A	0.55	93.3	Lg	08:07:32.905	-1.6					T__				---		285147	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	0.55	12.9	Lg	08:07:32.728	-0.6					T__				---		285146	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
ABAH	0.68	60.0	Lg	08:07:36.893	-2.0					T__				---		285148	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
2022/12/01	08:10:20.69	0.75	1.18	47.6913	18.5609	4.6	2.7	159	0.0f		18	13	100	0.13	1.83		sx BUD	18004900	BUD			134

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 5 BUD 18004900

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.13	246.5	Pg	08:10:24.354	0.5					T__		2455.4		___	ML	2.1	285180	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.13	246.5	Lg	08:10:26.001	-0.8					T__				---		285184	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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

SRO	0.21	306.3	Pg	08:10:25.958	0.7					T__		2913.8		___	ML	2.3	285181	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.21	306.3	Lg	08:10:28.332	-1.0					T__				---		285185	FDSN	SK	--	BUD	iLoc	EHN	???	_	

(Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=0

HU10A	0.35	63.3	Pg	08:10:28.732	0.6					T__		330.5		___	ML	1.8	285187	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.35	63.3	Lg	08:10:32.666	-1.4					T__				---		285186	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

CSKK	0.39	211.9	Pg	08:10:29.689	0.9					T__		211.4		___	ML	1.7	285182	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.39	211.9	Lg	08:10:34.543	-1.1					T__				---		285188	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

HU08A	0.50	239.1	Lg	08:10:38.232	-1.2					T__				---		285189	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.90	77.5	Pg	08:10:39.821	0.1					T__		37.7		___	ML	1.6	285191	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	77.5	Lg	08:10:51.881	-1.2					T__				---		285190	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.6 magdef=1

(Station ML: 1.6 magdef=0)																
MODS	1.10	308.9	Sn	08:10:57.594	-1.7	T__	---	285183	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	1.31	333.4	Sn	08:11:05.471	0.9	T__	---	285192	FDSN	CZ	--	BUD	iLoc	HHN	???	_
HU02A	1.39	71.2	Sn	08:11:07.671	1.2	T__	---	285193	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.48	177.8	Sn	08:11:07.676	-0.9	T__	---	285194	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	1.51	57.7	Sn	08:11:11.604	2.1	T__	---	285195	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	1.55	58.0	Sn	08:11:10.538	0.1	T__	---	285196	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
CONA	1.83	278.4	Sn	08:11:18.408	0.9	T__	---	285197	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/01	09:27:31.13	0.78	0.88	48.9581	19.3223	5.7	4.2	16	0.0f		17	11	108	0.79	1.48	sx	BUD	18004902	BUD			173

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	18004902

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
NIE	0.79	53.9	Pg	09:27:46.357	0.3					T__		20.7		---	ML	1.3	285263	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.79	53.9	Lg	09:27:57.434	0.1					T__				---		285264	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KECS	0.91	121.2	Pg	09:27:48.752	-0.3					T__	175.3			---	ML	2.2	285257	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.91	121.2	Lg	09:28:01.988	-0.5					T__				---		285256	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	0.93	119.4	Pg	09:27:50.035	0.6					T__	56.2			---	ML	1.8	285258	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.93	119.4	Lg	09:28:02.565	-0.7					T__				---		285259	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	1.07	170.0	Sn	09:28:08.523	-0.4					T__				---		285267	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JAVC	1.09	265.4	Pg	09:27:53.514	0.3					T__	55.5			---	ML	1.9	285266	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.09	265.4	Sn	09:28:08.738	-0.9					T__				---		285265	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	1.11	159.7	Pn	09:27:53.456	-0.5					T__	55.9			---	ML	1.9	285261	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.11	159.7	Sn	09:28:09.665	-0.3					T__				---		285268	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU10A	1.13	190.4	Sn	09:28:11.545	1.1					T__				---		285269	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.14	161.1	Lg	09:28:10.306	-0.9					T__				---		285262	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	1.16	135.9	Pg	09:27:57.134	2.4					T__	91.6			---	ML	2.1	285260	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.16	135.9	Lg	09:28:11.033	0.1					T__				---		285270	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MORC	1.42	305.8	Lg	09:28:17.296	0.1					T__				---		285271	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MODS	1.48	247.4	Sn	09:28:19.510	0.5					T__				---		285272	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		
2022/12/01	09:36:30.04	1.37	0.81	48.5217	20.7870	9.6	3.7	12	0.0f		10	6	225	0.17	0.89	sx	BUD	18004904	BUD					302

Magnitude	Err	Nsta	Author	OrigID
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ML 1.1 0.1 4 BUD 18004904

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	261.1	Pg	09:36:33.929	0.3					T__		194.2		---	ML	1.1	285306	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	261.1	Lg	09:36:36.420	0.0					T__				---		285308	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.20	259.2	Pg	09:36:34.442	0.1					T__		562.5		---	ML	1.6	285305	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	259.2	Lg	09:36:37.489	-0.2					T__				---		285309	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.38	126.7	Pg	09:36:38.248	0.4					T__		60.8		---	ML	1.1	285310	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	126.7	Lg	09:36:43.252	-1.2					T__				---		285311	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.44	203.7	Pg	09:36:40.109	0.8					T__		36.9		---	ML	1.1	285307	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	203.7	Lg	09:36:46.331	-0.1					T__				---		285312	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.85	225.0	Lg	09:36:59.698	-1.1					T__				---		285313	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.89	224.0	Lg	09:37:00.629	-1.0					T__				---		285314	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
2022/12/01	10:00:03.48	0.77	0.81	48.4156	17.2956	5.9	2.7	102	0.0f		19	13	127	0.04	1.67	sx	BUD	18004906	BUD			149

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	5 BUD	18004906

Sta	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	196.1	Pg	10:00:03.873	-1.2					T__				---		285353	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	196.1	Lg	10:00:06.182	-0.4					T__				---		285354	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.25	210.5	Pg	10:00:09.382	0.3					T__				---		285356	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.25	210.5	Lg	10:00:11.744	-1.8					T__				---		285355	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.51	29.1	Pg	10:00:13.964	-0.2					T__		210.2		---	ML	2.0	285357	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.51	29.1	Lg	10:00:22.111	-0.3					T__				---		285362	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KRUC	0.88	317.7	Pg	10:00:19.510	-0.9					T__		45.9		---	ML	1.7	285358	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.88	317.7	Lg	10:00:33.366	0.0					T__				---		285363	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SOP	0.88	214.3	Lg	10:00:33.872	1.1					T__				---		285364	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.98	223.5	Pg	10:00:23.209	0.3					T__				---		285371	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.98	223.5	Lg	10:00:36.381	0.6					T__				---		285370	FDSN	OE	--	BUD	iLoc	HHN	???	_	
EGYH	1.00	178.6	Lg	10:00:38.155	0.3					T__				---		285365	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VRAC	1.01	332.8	Pg	10:00:22.585	0.0					T__		16.0		---	ML	1.3	285361	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.01	332.8	Lg	10:00:36.869	-0.5					T__				---		285360	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU08A	1.07	156.5	Sn	10:00:40.992	-0.3					T__				---		285366	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CONA	1.08	243.6	Lg	10:00:39.281	0.6					T__				---		285359	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MPLH	1.26	172.4	Sn	10:00:47.268	1.4					T__				---		285367	FDSN	HU	--	BUD	iLoc	HHN	???	_	

MORC 1.37 6.7 Pg 10:00:29.721 0.7 T\_\_ 38.8 \_\_\_ ML 1.9 285368 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 ARSA 1.67 226.3 Pn 10:00:34.136 0.1 T\_\_ 56.6 \_\_\_ ML 2.2 285369 FDSN OE -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/01	10:12:41.22	1.77	1.69	45.9434	16.1296	13.8	4.3	65	5.0f	6	3	324		0.12	0.48	ke	BUD	18004908	BUD			355

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	18004908

Sta	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	0.12	252.2	Pg	10:12:43.788	-0.4					T__		653.1		___	ML	1.4 285397	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.12	252.2	Lg	10:12:44.568	-2.0					T__				---		285398	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																								
ZAG	0.15	220.6	Pg	10:12:44.469	-0.0					T__		997.4		___	ML	1.7 285401	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.15	220.6	Lg	10:12:45.816	-1.1					T__				---		285400	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
CRES	0.48	256.2	Pg	10:12:51.787	1.1					T__		82.6		___	ML	1.6 285402	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.48	256.2	Lg	10:12:56.350	-1.5					T__				---		285399	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/12/01	11:36:18.99	0.26	0.88	47.8519	19.1238	10.4	2.3	162	0.0A	0.0	17	9	156	0.07	1.14	m	kx	BUD	18004910	BUD			360
2022/12/01	11:36:16.89	0.79	0.67	47.8327	19.1394f				0.0f		17	9	160	0.08	1.15		kx	BUD_GT	18004911	BUD_GT			165
(locality : Sejce-Vác Hungary) (GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	8 BUD	18004911

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU10A	0.08	278.8	Pg	11:36:19.800	0.7					T__		3460.5		___	ML	2.1 285462	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	278.8	Lg	11:36:20.853	-0.2					T__				---		285468	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																								
HU03A	0.32	76.9	Pg	11:36:24.761	0.9					T__		154.4		___	ML	1.4 285463	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	76.9	Lg	11:36:29.818	0.8					T__				---		285469	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																								
ET1H	0.50	84.3	Pg	11:36:27.498	-0.1					T__		40.9		___	ML	1.3 285465	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.3	Lg	11:36:35.153	-0.1					T__				---		285470	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																								
PSZ	0.52	80.1	Pg	11:36:27.818	-0.3					T__		44.6		___	ML	1.4 285467	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ	0.52	80.1	Lg	11:36:36.307	-0.1	T__									285466	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
HU09A	0.55	249.5	Pn	11:36:31.539	-0.4	T__	97.9								285464	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.55	249.5	Lg	11:36:35.858	-1.5	T__									285471	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
HU08A	0.92	244.4	Lg	11:36:48.726	-0.8	T__									285472	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.98	72.2	Pg	11:36:37.398	0.4	T__	30.6								285474	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.2	Lg	11:36:51.339	-1.1	T__									285473	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
KECS	1.11	53.7	Pn	11:36:39.099	0.5	T__	81.2								285475	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.11	53.7	Sn	11:36:55.778	-0.1	T__									285476	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
JOS	1.15	54.2	Pg	11:36:40.204	0.6	T__	24.1								285478	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.2	Sn	11:36:56.712	0.0	T__									285477	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/01	12:26:00.24	1.05	1.67	47.1956	19.1827	15.5	4.7	118	0.0f		9	6	180	0.33	1.30	sx	BUD	18004912	BUD			318

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	18004912

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU01A	0.33	63.3	Pg	12:26:09.100	1.1					T__		381.7			ML	1.8	285545	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	0.76	21.6	Pg	12:26:18.195	1.9					T__		61.6			ML	1.7	285551	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	0.83	34.1	Pg	12:26:18.068	0.3					T__		33.4			ML	1.5	285544	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.83	34.1	Lg	12:26:27.960	-2.3					T__						285546	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
PSZ	0.87	33.4	Pg	12:26:19.436	0.7					T__		67.6			ML	1.8	285543	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	33.4	Lg	12:26:29.675	-2.4					T__						285547	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MORH	1.05	200.9	Pg	12:26:21.461	-0.2					T__		28.0			ML	1.5	285548	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.05	200.9	Lg	12:26:36.054	-0.4					T__						285549	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	1.30	43.9	Pn	12:26:25.687	0.0					T__		22.1			ML	1.6	285550	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/01	12:44:03.19	0.90	0.88	47.1119	19.4144	10.2	4.3	120	0.0f	9	7	147	0.27	1.26	sx	BUD	18004916	BUD				174

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	18004916

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU01A	0.27	31.0	Lg	12:44:14.894	0.3					T__						285679	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ET1H	0.83	21.8	Pg	12:44:21.055	0.3					T__		29.7			ML	1.4	285675	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.83	21.8	Lg	12:44:31.228	-2.0					T__						285676	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
PSZ	0.87	21.8	Pg	12:44:21.950	0.2					T__		75.4			ML	1.9	285672	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
HU06A	0.89	116.4	Pg	12:44:21.779	-0.1					T__		845.0			ML	2.9	285680	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.9 magdef=1)																					
				(Station ML: 2.9 magdef=0)																					
A266A	0.98	233.8	Pg	12:44:22.982	0.1					T__		163.3			ML	2.3	285678	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=1)																					
MORH	1.04	210.9	Pg	12:44:24.370	-0.2					T__		32.6			ML	1.6	285673	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.04	210.9	Lg	12:44:38.910	-0.3					T__						285674	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
HU02A	1.26	36.2	Pn	12:44:28.710	0.6					T__		27.2			ML	1.6	285677	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/01	13:05:56.52	0.71	1.00	47.8829	16.0607	4.5	3.2	35	0.0f	17	11	78	0.14	1.50	sx	BUD	18004918	BUD				114

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	18004918

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	288.8	Pg	13:05:59.037	-0.5					T__		686.4			ML	1.5	285723	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	288.8	Lg	13:06:00.876	-0.9					T__						285730	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=0)																					
RONA	0.24	139.0	Pg	13:06:00.876	-0.8					T__						285725	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.24	139.0	Lg	13:06:04.704	-0.5					T__						285724	FDSN	OE	--	BUD	iLoc	HHN	???	_	
SOP	0.39	120.6	Lg	13:06:10.220	0.1					T__						285726	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.73	210.1	Pg	13:06:10.135	-0.5					T__		71.3			ML	1.8	285727	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.73	210.1	Lg	13:06:19.757	-0.1					T__						285731	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
MODS	0.95	58.5	Lg	13:06:29.142	-1.4					T__						285732	FDSN	SK	--	BUD	iLoc	HHN	???	_	
EGYH	0.98	118.0	Lg	13:06:29.655	-0.7					T__						285733	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	10.6	Pg	13:06:18.774	-0.8					T__		43.7			ML	1.8	285729	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	10.6	Lg	13:06:36.307	-1.0					T__						285728	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					

```

(Station ML: 1.8 magdef=1
KOGS 1.44 174.8 Sn 13:06:43.896 0.4 T__ --- 285734 FDSN SL -- BUD iLoc BHN ??? _
JAVC 1.45 47.1 Pn 13:06:25.707 1.6 T__ 53.7 --- ML 2.0 285736 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.45 47.1 Sn 13:06:45.806 1.9 T__ --- 285735 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VRAC 1.47 13.7 Sn 13:06:43.563 -0.7 T__ --- 285739 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.50 309.4 Pn 13:06:25.475 0.8 T__ 86.4 --- ML 2.3 285738 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.50 309.4 Lg 13:06:45.574 0.4 T__ --- 285737 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/02 07:26:29.46 0.97 1.14 47.1353 17.8962 5.7 4.2 66 0.0f 8 6 103 0.24 1.06 sx BUD 18004922 BUD 183

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 18004922

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
TIH 0.24 180.5 Pg 07:26:35.861 1.2 T__ 402.5 --- ML 1.6 285894 FDSN HU -- BUD iLoc HHZ HHZ _
TIH 0.24 180.5 Lg 07:26:38.335 -0.5 T__ --- 285900 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MPLH 0.25 278.3 Pg 07:26:35.496 0.5 T__ 67.5 --- ML 0.8 285893 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.25 278.3 Lg 07:26:38.157 -1.3 T__ --- 285895 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
HU08A 0.30 3.6 Lg 07:26:41.444 0.1 T__ --- 285896 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 0.34 47.3 Lg 07:26:42.466 -0.5 T__ --- 285897 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.05 150.5 Pg 07:26:49.624 -1.0 T__ 34.7 --- ML 1.6 285899 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOVH 1.06 172.3 Lg 07:27:04.743 -1.4 T__ --- 285898 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
2022/12/02 08:23:13.47 1.31 1.26 46.1356 16.4614 7.7 5.9 156 0.0f 8 7 144 0.35 1.29 sx BUD 18004924 BUD 154

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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
KOGS 0.35 335.0 Pg 08:23:20.304 -0.4 T__ 156.2 --- ML 1.5 285922 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.35 335.0 Lg 08:23:25.453 -0.2 T__ --- 285925 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
BEHE 0.40 32.9 Lg 08:23:28.189 0.0 T__ --- 285926 FDSN HU -- BUD iLoc HHN ??? _
PTJ 0.41 236.6 Lg 08:23:27.768 -0.7 T__ --- 285927 FDSN CR -- BUD iLoc BHN ??? _
A264A 0.58 87.3 Lg 08:23:33.686 0.1 T__ --- 285923 FDSN ZJ 00 BUD iLoc HHN ??? _
CRES 0.77 246.5 Lg 08:23:40.973 1.6 T__ --- 285928 FDSN SL -- BUD iLoc BHN ??? _
KOVH 1.14 91.8 Lg 08:23:52.767 1.2 T__ --- 285929 FDSN HU -- BUD iLoc HHN ??? _
ARSA 1.29 330.3 Lg 08:23:56.417 1.9 T__ --- 285924 FDSN OE -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/02	09:48:46.43	1.73	1.79	47.0025	17.3153	14.7	7.2	105	0.0f	4	3	222	0.23	0.41	sx	BUD	18004926	BUD				298

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.23	42.3	Pg	09:48:52.239	0.6					T__		219.3		___	ML	1.3	285987	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.23	42.3	Lg	09:48:54.323	-1.5					T__				---		285989	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
A263A	0.36	180.0	Lg	09:48:58.980	-0.7					T__				---		285988	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TIH	0.41	104.3	Lg	09:49:01.530	-0.1					T__				---		285990	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	
2022/12/02	10:11:58.68	1.82	0.62	47.8854	20.1498	19.8	3.6	158	0.0f	9	5	221	0.17	0.66	sx	BUD	18004928	BUD					245

Magnitude Err Nsta Author OrigID  
ML 1.3 0.1 4 BUD 18004928

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.17	281.0	Pg	10:12:03.149	0.1					T__		332.8		_c_	ML	1.3	286015	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.17	281.0	Lg	10:12:05.961	-0.6					T__				---		286020	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ET1H	0.19	268.2	Pg	10:12:03.304	0.2					T__		375.6		___	ML	1.4	286014	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	268.2	Lg	10:12:05.824	-0.7					T__				---		286017	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.35	46.6	Pg	10:12:06.258	-0.0					T__		67.7		___	ML	1.1	286016	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.35	46.6	Lg	10:12:11.845	-0.4					T__				---		286018	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU03A	0.37	273.1	Pg	10:12:07.491	0.8					T__		74.3		___	ML	1.2	286019	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.37	273.1	Lg	10:12:12.020	-0.6					T__				---		286021	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.66	23.0	Lg	10:12:22.609	0.4					T__				---		286022	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/12/02	10:18:34.81	1.04	0.67	48.6166	20.8168	5.8	4.2	2	0.0f	12	8	135	0.22	1.25	sx	BUD	18004930	BUD					233

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 5 BUD 18004930

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.22	236.8	Pg	10:18:39.786	0.4					T__		223.1		___	ML	1.3	286114	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.22	236.8	Lg	10:18:43.374	0.4					T__				---		286113	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									

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(Station ML: 1.3 magdef=0
KECS 0.26 238.9 Pg 10:18:40.225 0.1 T__ 468.6 --- ML 1.7 286111 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.26 238.9 Lg 10:18:44.415 0.2 T__ --- 286112 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.43 138.6 Pg 10:18:44.208 0.7 T__ 60.5 --- ML 1.3 286119 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.43 138.6 Lg 10:18:50.416 -0.5 T__ --- 286118 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.53 201.6 Lg 10:18:53.837 -0.7 T__ --- 286115 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 0.87 337.2 Pg 10:18:51.444 0.2 T__ --- ML 1.4 286120 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.93 221.8 Lg 10:19:07.367 -1.0 T__ --- 286116 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.97 220.9 Pg 10:18:55.463 0.4 T__ --- ML 1.6 286122 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.97 220.9 Lg 10:19:09.266 0.0 T__ --- 286117 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TRPA 1.25 112.3 Sn 10:19:15.755 -1.2 T__ --- 286121 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
2022/12/02 12:12:41.68 1.01 0.66 46.1635 16.0358 8.4 4.0 113 0.0f 9 5 162 0.26 1.14 sx BUD 18004932 BUD 208

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Magnitude Err Nsta Author OrigID
ML 1.5 0.4 4 BUD 18004932

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Sta 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 0.26 190.4 Pg 12:12:47.464 0.1 T__ 99.7 --- ML 1.0 286208 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.26 190.4 Lg 12:12:51.520 -0.2 T__ --- 286202 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KOGS 0.32 27.5 Pg 12:12:48.481 0.0 T__ 274.1 --- ML 1.6 286209 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.32 27.5 Lg 12:12:52.842 -0.3 T__ --- 286203 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CRES 0.53 230.3 Pg 12:12:52.498 0.6 T__ 42.9 --- ML 1.4 286210 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.53 230.3 Lg 12:12:58.944 -0.7 T__ --- 286204 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
OBKA 1.09 289.1 Pg 12:13:01.842 -0.5 T__ 60.6 --- ML 1.9 286206 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.09 289.1 Lg 12:13:16.028 -0.8 T__ --- 286205 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ARSA 1.14 342.2 Lg 12:13:19.028 0.9 T__ --- 286207 FDSN OE -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/05 09:14:21.48 1.05 0.87 47.6898 18.5070 9.6 4.5 154 0.0f 7 5 129 0.10 1.07 sx BUD 18004950 BUD 197

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Magnitude Err Nsta Author OrigID

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	238.7	Pg	09:14:24.412	0.4					T__		904.9		---	ML	1.5	286618	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.10	238.7	Lg	09:14:26.001	-0.4					T__				---		286619	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
CSKK	0.37	207.2	Pg	09:14:29.716	0.5					T__		75.1		---	ML	1.2	286621	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.37	207.2	Lg	09:14:34.948	-0.9					T__				---		286620	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
ET1H	0.94	77.9	Lg	09:14:54.040	-1.1					T__				---		286624	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	0.96	75.7	Lg	09:14:56.905	0.5					T__				---		286623	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MODS	1.07	310.1	Sn	09:14:58.950	-0.5					T__				---		286622	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
2022/12/05	09:38:12.06	0.94	0.97	48.9419	21.2669	6.6	4.3	153	0.0f		14	9	126	0.65	1.60	sx	BUD	18004954	BUD			217

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	18004954

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.65	181.6	Pg	09:38:25.570	0.6					T__		76.7		---	ML	1.7	286691	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.65	181.6	Lg	09:38:35.868	0.2					T__				---		286692	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
JOS	0.66	227.5	Pg	09:38:24.522	-0.6					T__		70.3		---	ML	1.7	286684	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	227.5	Lg	09:38:35.149	0.2					T__				---		286683	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
KOLS	0.66	90.4	Pg	09:38:24.661	-0.1					T__				---		286690	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.66	90.4	Lg	09:38:34.375	-1.2					T__				---		286689	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.69	228.7	Pg	09:38:25.069	-0.8					T__		100.0		---	ML	1.9	286686	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.69	228.7	Lg	09:38:35.952	-0.2					T__				---		286685	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
NIE	0.79	307.3	Lg	09:38:40.115	1.7					T__				---		286688	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.96	211.3	Pg	09:38:30.620	-1.0					T__		37.7		---	ML	1.6	286687	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	211.3	Lg	09:38:45.392	-0.4					T__				---		286694	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
PSZ	1.37	222.3	Sn	09:38:57.365	-0.1					T__				---		286695	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.41	221.7	Sn	09:39:00.111	1.8					T__				---		286696	FDSN	HU	--	BUD	iLoc	HHN	???	_	
OJC	1.60	323.8	Sn	09:39:02.630	-0.3					T__				---		286697	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
2022/12/05	09:43:35.75	1.24	1.34	48.5482	20.7776	9.1	3.6	3	0.0f		14	8	176	0.17	1.25	sx	BUD	18004956	BUD			217

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	6 BUD	18004956

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

JOS	0.17	251.8	Pg	09:43:39.805	0.5	T__	146.0	___	ML	0.9	286755	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	251.8	Lg	09:43:42.735	0.6	T__		---			286759	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=0)																			
KECS	0.20	251.6	Pg	09:43:40.480	0.4	T__	455.6	___	ML	1.5	286756	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.20	251.6	Lg	09:43:43.813	0.4	T__		---			286760	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
ABAH	0.40	129.2	Pg	09:43:45.246	1.3	T__	38.2	___	ML	1.0	286758	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.40	129.2	Lg	09:43:49.729	-1.2	T__		---			286761	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
HU02A	0.46	201.7	Pg	09:43:45.739	0.3	T__	29.2	___	ML	1.0	286757	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	201.7	Lg	09:43:53.435	0.5	T__		---			286762	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
PSZ	0.86	223.5	Pg	09:43:52.483	-1.5	T__	36.4	___	ML	1.5	286764	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	223.5	Lg	09:44:05.411	-1.6	T__		---			286763	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
ET1H	0.90	222.5	Pg	09:43:54.998	0.4	T__	26.3	___	ML	1.4	286765	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	222.5	Lg	09:44:07.560	-0.3	T__		---			286766	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
KOLS	1.06	68.2	Lg	09:44:09.503	-3.0	T__		---			286767	FDSN	SK	--	BUD	iLoc	HHN	???	_
TRPA	1.25	108.9	Sn	09:44:16.609	-1.3	T__		---			286768	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
2022/12/05	09:49:50.07	2.11	0.40	48.2107	17.0025	15.3	5.4	45	0.0f		5	3	232	0.07	0.94	sx	BUD	18004958	BUD			306

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZST	0.07	102.3	Pg	09:49:52.271	0.2					T__						286795	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.07	102.3	Lg	09:49:53.440	-0.5					T__						286794	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.25	48.3	Pg	09:49:55.728	0.1					T__						286796	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.25	48.3	Lg	09:50:00.101	-0.0					T__						286797	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	0.94	334.9	Pg	09:50:08.135	-0.0					T__	25.7				1.4	286798	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/05	09:51:08.92	0.99	0.71	46.1848	18.2646	7.7	3.7	151	0.0f		6	4	146	0.15	1.10	sx	BUD	18004960	BUD			250

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.15	229.9	Pg	09:51:12.891	0.3					T__		406.5			1.3	286815	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	229.9	Lg	09:51:14.954	-0.6					T__						286816	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								

```

(Station ML: 1.3 magdef=1
MORH 0.26 83.3 Pg 09:51:15.109 0.3 T__ 93.0 ___ ML 1.0 286818 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.26 83.3 Lg 09:51:18.724 -0.7 T__ ___ 286817 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A266A 0.34 0.0 Lg 09:51:21.945 -0.1 T__ ___ 286819 FDSN ZJ 00 BUD iLoc HHE ??? _
MPLH 1.10 333.4 Lg 09:51:46.781 -0.7 T__ ___ 286820 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
2022/12/05 11:00:00.15 0.90 1.06 48.1716 16.9040 5.3 3.5 141 0.0f 11 7 88 0.14 1.09 sx BUD 18004964 BUD 145

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZST 0.14 79.5 Pg 11:00:03.807 0.4 T__ ___ 286906 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.14 79.5 Lg 11:00:06.226 -0.1 T__ ___ 286905 FDSN SK -- BUD iLoc HHN ??? _
MODS 0.32 50.8 Pg 11:00:07.595 0.4 T__ ___ 286904 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.32 50.8 Lg 11:00:11.950 -0.8 T__ ___ 286907 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.62 221.1 Pg 11:00:12.702 0.0 T__ ___ 286912 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.62 221.1 Lg 11:00:19.944 -1.1 T__ ___ 286913 FDSN OE -- BUD iLoc HHE ??? _
CONA 0.74 251.2 Lg 11:00:24.718 0.1 T__ ___ 286914 FDSN OE -- BUD iLoc HHE ??? _
JAVC 0.86 36.3 Lg 11:00:29.553 -1.4 T__ ___ 286908 FDSN CZ -- BUD iLoc HHN ??? _
KRUC 0.95 339.4 Pg 11:00:20.059 1.6 T__ ___ 30.3 ___ ML 1.5 286910 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.95 339.4 Lg 11:00:31.088 -1.5 T__ ___ 286909 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
MPLH 1.09 156.6 Lg 11:00:37.858 0.3 T__ ___ 286911 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
2022/12/05 13:06:12.44 0.87 0.87 47.8678 16.0835 5.6 3.5 41 0.0f 11 8 82 0.16 1.52 sx BUD 18004966 BUD 148

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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
CONA 0.16 292.1 Pg 13:06:16.095 0.2 T__ 295.5 ___ ML 1.2 287044 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 292.1 Lg 13:06:17.830 -0.5 T__ ___ 287046 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
RONA 0.22 139.5 Pg 13:06:17.793 0.6 T__ ___ 287045 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.22 139.5 Lg 13:06:19.966 -0.5 T__ ___ 287049 FDSN OE -- BUD iLoc HHN ??? _
A260A 0.72 144.0 Lg 13:06:36.510 -0.3 T__ ___ 287050 FDSN ZJ 00 BUD iLoc HHN ??? _
ARSA 0.72 211.8 Lg 13:06:34.927 -0.7 T__ ___ 287047 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.95 57.2 Lg 13:06:45.410 -0.9 T__ ___ 287051 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.21 9.7 Pg 13:06:36.161 0.5 T__ ___ 32.4 ___ ML 1.7 287048 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.21 9.7 Sn 13:06:52.896 -0.9 T__ ___ 287052 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TREC 1.48 344.7 Lg 13:07:01.994 1.3 T__ ___ 287053 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.52 309.5 Lg 13:07:02.868 1.1 T__ ___ 287054 FDSN CZ -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/05	23:42:38.66	1.07	0.52	47.4439	18.2397	4.4	3.6	98	8.4	7.9	9	6	135	0.08	1.36	ke	BUD	18004970	BUD			254

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.5	3 BUD	18004970

Sta	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	170.1	Pg	23:42:41.512	0.4				T__			1122.7		---	ML	1.6	287257	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	170.1	Lg	23:42:43.082	-0.3				T__					---		287258	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU08A	0.21	266.8	Pg	23:42:43.630	0.2				T__			57.9		---	ML	0.7	287260	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.21	266.8	Lg	23:42:46.889	-0.4				T__					---		287259	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU09A	0.22	26.3	Pg	23:42:43.656	0.2				T__			129.2		---	ML	1.0	287261	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.22	26.3	Lg	23:42:47.139	-0.3				T__					---		287263	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A267A	0.52	161.6	Lg	23:42:56.785	-0.8				T__					---		287264	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.26	167.1	Lg	23:43:21.343	-0.1				T__					---		287265	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.36	184.1	Lg	23:43:24.144	0.3				T__					---		287262	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
2022/12/06	08:46:37.81	1.54	1.05	48.2502	21.4647	14.9	5.4	156	0.0f		10	7	213	0.16	1.13	sx	BUD	18004972	BUD			319

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.16	287.1	Pg	08:46:41.448	0.0				T__			585.1		---	ML	1.5	287292	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.16	287.1	Lg	08:46:44.479	-0.2				T__					---		287298	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.64	258.8	Pg	08:46:50.921	-0.3				T__			56.6		---	ML	1.6	287294	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.64	258.8	Lg	08:47:00.562	-0.8				T__					---		287293	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.66	292.1	Lg	08:47:00.876	-0.3				T__					---		287291	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
KECS	0.69	290.0	Lg	08:47:02.717	0.5				T__					---		287295	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.87	37.8	Pg	08:46:54.704	0.2				T__					---		287300	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.87	37.8	Lg	08:47:06.390	-2.1				T__					---		287299	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.10	253.1	Sn	08:47:16.595	0.0				T__					---		287296	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.13	251.4	Sn	08:47:18.506	1.4				T__					---		287297	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
2022/12/06	09:41:28.75	0.86	0.50	48.5625	20.7712	5.4	3.5	176	0.0f		18	10	92	0.17	1.26	sx	BUD	18004976	BUD			181

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	9 BUD	18004976



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.17	246.7	Pg	09:41:32.785	0.5					T__		472.1		---	ML	1.4	287389	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	246.7	Lg	09:41:35.857	0.7					T__				---		287393	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
KECS	0.21	247.4	Pg	09:41:33.281	0.2					T__		863.9		---	ML	1.8	287387	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	247.4	Lg	09:41:36.928	0.5					T__				---		287388	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
ABAH	0.41	130.3	Pg	09:41:37.694	0.5					T__		109.8		---	ML	1.5	287394	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	130.3	Lg	09:41:44.048	-0.3					T__				---		287395	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU02A	0.47	200.5	Pg	09:41:38.529	-0.2					T__		83.4		---	ML	1.5	287386	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	200.5	Lg	09:41:46.399	0.1					T__				---		287396	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
PSZ	0.87	222.6	Pg	09:41:46.850	-0.3					T__		88.9		---	ML	1.9	287390	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	222.6	Lg	09:41:59.503	-0.7					T__				---		287399	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
ET1H	0.91	221.7	Pg	09:41:48.150	0.4					T__		67.7		---	ML	1.8	287391	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	221.7	Lg	09:42:00.731	-0.4					T__				---		287400	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
NIE	0.91	340.2	Pn	09:41:48.479	-0.4					T__		58.7		---	ML	1.8	287398	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.91	340.2	Lg	09:41:58.558	-0.4					T__				---		287397	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
HU03A	1.02	230.4	Pg	09:41:49.405	-0.5					T__		115.2		---	ML	2.1	287392	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.02	230.4	Lg	09:42:04.506	-0.4					T__				---		287401	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
KOLS	1.06	69.0	Lg	09:42:04.563	-0.8					T__				---		287402	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.26	109.5	Pg	09:41:53.363	0.4					T__		119.1		---	ML	2.3	287403	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/06	11:45:57.88	2.11	0.91	46.0278	22.6886	25.0	5.2	69	0.0f		5	3	227	0.21	0.93	sx	BUD	18004978	BUD			318

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.21	133.9	Pg	11:46:02.209	0.4					T__		786.2		---	ML	1.8	287435	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.21	133.9	Lg	11:46:03.889	-0.9					T__				---		287438	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
DRGR	0.76	1.2	Pg	11:46:13.365	0.1					T__		100.0		---	ML	1.9	287437	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.76	1.2	Lg	11:46:24.394	-0.7					T__				---		287436	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

(Station ML: 1.9 magdef=1  
 CJR 0.93 42.2 Lg 11:46:31.015 0.4 T\_\_ --- 287439 FDSN RO -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/12/06 12:36:19.46 1.40 0.65 48.2706 19.9079 10.9 3.4 128 0.0f 13 7 211 0.35 0.89 sx BUD 18004980 BUD 237

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 6 BUD 18004980

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
PSZ	0.35	181.5	Pg	12:36:26.841	-0.5					T__		175.1		---	ML	1.5 287471	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	0.35	181.5	Lg	12:36:33.231	-0.0					T__				---		287472	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
ET1H	0.39	183.6	Pg	12:36:28.557	0.6					T__		98.5		---	ML	1.4 287475	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ET1H	0.39	183.6	Lg	12:36:34.327	0.1					T__				---		287474	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0)																										
HU03A	0.42	209.5	Lg	12:36:34.948	-0.1					T__				---		287473	FDSN	Z6	00	BUD	iLoc	HHN	???	_		
HU02A	0.44	109.6	Pg	12:36:28.399	-0.4					T__		95.9		---	ML	1.5 287480	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	0.44	109.6	Lg	12:36:35.484	-0.6					T__				---		287481	FDSN	Z6	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
KECS	0.44	60.9	Pg	12:36:27.835	-0.6					T__		140.6		---	ML	1.7 287476	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	0.44	60.9	Lg	12:36:35.942	0.7					T__				---		287477	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
JOS	0.48	61.6	Pg	12:36:28.608	-0.5					T__		114.0		---	ML	1.7 287479	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.48	61.6	Lg	12:36:36.861	0.4					T__				---		287478	FDSN	Z6	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																										
ABAH	0.89	87.9	Pg	12:36:38.454	1.4					T__		76.5		---	ML	1.9 287469	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ABAH	0.89	87.9	Lg	12:36:51.381	0.2					T__				---		287470	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																										

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/12/06 13:16:30.98 2.86 0.85 47.9911 19.7477 19.1 6.2 103 0.0f 7 4 262 0.12 0.73 sx BUD 18004982 BUD 292

Magnitude Err Nsta Author OrigID  
 ML 0.8 0.1 3 BUD 18004982

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
PSZ	0.12	126.3	Pg	13:16:34.319	0.1					T__		157.3		---	ML	0.8 287534	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	0.12	126.3	Lg	13:16:37.332	0.3					T__				---		287535	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1)																										
ET1H	0.14	143.4	Pg	13:16:34.228	-0.2					T__		120.0		---	ML	0.8 287531	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ET1H	0.14	143.4	Lg	13:16:37.466	0.3					T__				---		287536	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1																										

```

(Station ML: 0.8 magdef=1
HU02A 0.54 75.6 Pg 13:16:43.127 0.8 T__ 72.9 ___ ML 1.7 287532 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 0.54 75.6 Lg 13:16:49.663 -1.4 T__ ___ 287533 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.73 46.0 Lg 13:16:56.516 -0.2 T__ ___ 287537 FDSN Z6 -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/06 13:37:45.30 2.32 0.37 48.5556 20.8765 18.0 6.8 19 0.0f 6 4 241 0.23 0.49 sx BUD 18004984 BUD 313

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.23 255.2 Pg 13:37:50.208 0.1 T__ 118.1 ___ ML 1.0 287563 FDSN Z6 -- BUD iLoc HHZ HHZ _
JOS 0.23 255.2 Lg 13:37:54.230 0.4 T__ ___ 287562 FDSN Z6 -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.27 254.6 Pg 13:37:50.842 -0.0 T__ 289.6 ___ ML 1.5 287560 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.27 254.6 Lg 13:37:54.668 -0.5 T__ ___ 287561 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.35 136.9 Lg 13:37:58.880 -0.1 T__ ___ 287564 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.49 208.5 Lg 13:38:03.724 0.0 T__ ___ 287559 FDSN Z6 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
2022/12/07 04:27:09.92 0.82 0.57 47.6577 20.2966 3.8 3.0 102 8.9 1.4 20 12 68 0.04 1.58 ke BUD 18004990 BUD 112

```

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 8 BUD 18004990

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU23A 0.04 239.5 Pg 04:27:11.859 -0.1 T__ 1008.5 _d_ ML 1.4 287716 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU23A 0.04 239.5 Lg 04:27:14.179 0.6 T__ ___ 287717 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
BSZH 0.36 183.2 Pg 04:27:17.486 -0.4 T__ 209.2 ___ ML 1.6 287724 FDSN HU -- BUD iLoc HHZ HHZ _
BSZH 0.36 183.2 Lg 04:27:23.895 0.4 T__ ___ 287718 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.36 307.8 Pg 04:27:17.656 -0.2 T__ 73.8 ___ ML 1.2 287714 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.36 307.8 Lg 04:27:23.355 -0.1 T__ ___ 287715 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.38 314.0 Pg 04:27:18.442 0.2 T__ 64.2 ___ ML 1.2 287719 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.38 314.0 Lg 04:27:24.039 -0.3 T__ ___ 287711 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.49 18.2 Pg 04:27:19.525 -0.7 T__ 79.9 ___ ML 1.6 287720 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 0.49 18.2 Lg 04:27:27.361 -0.6 T__ ___ 287721 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1

```

```

(Station ML: 1.6 magdef=1
HU05A 0.58 100.2 Lg 04:27:30.559 -0.1 T__
HU11A 0.65 65.2 Pg 04:27:23.476 0.5 T__ 293.8 --- ML 2.3 287730 FDSN Z6 00 BUD iLoc HHN ??? _
HU11A 0.65 65.2 Lg 04:27:32.782 0.0 T__ --- 287729 FDSN Z6 00 BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
HU13A 0.69 195.0 Lg 04:27:35.102 0.6 T__
JOS 0.85 10.9 Pg 04:27:26.639 -0.2 T__ 57.9 --- ML 1.7 287727 FDSN Z6 -- BUD iLoc HHZ HHZ _
JOS 0.85 10.9 Lg 04:27:39.548 0.6 T__ --- 287726 FDSN Z6 -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.90 44.4 Pg 04:27:27.840 0.0 T__ 86.7 --- ML 1.9 287712 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.90 44.4 Lg 04:27:40.552 -0.3 T__ --- 287713 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU06A 0.96 168.8 Lg 04:27:41.634 -1.4 T__
TRPA 1.58 71.8 Sn 04:27:59.468 0.8 T__ --- 287723 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
2022/12/07 09:40:53.12 1.09 0.76 48.3892 17.3115 9.1 3.1 121 0.0f 11 6 189 0.03 1.07 sx BUD 18004992 BUD 257

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MODS 0.03 235.6 Pg 09:40:54.461 0.1 T__ _c_ 287767 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.03 235.6 Lg 09:40:55.980 0.3 T__ --- 287768 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.24 215.9 Pg 09:40:57.883 -0.5 T__ --- 287769 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.24 215.9 Lg 09:41:01.881 -0.8 T__ --- 287770 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.53 26.7 Pg 09:41:04.490 0.3 T__ 95.1 --- ML 1.7 287771 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.53 26.7 Lg 09:41:11.899 -0.8 T__ --- 287774 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KRUC 0.91 318.3 Pg 09:41:10.947 0.4 T__ 53.8 --- ML 1.7 287773 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.91 318.3 Lg 09:41:22.687 -1.2 T__ --- 287775 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
RONA 0.97 225.0 Pg 09:41:13.000 0.6 T__ --- 287772 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.97 225.0 Lg 09:41:25.359 0.3 T__ --- 287776 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.07 245.1 Lg 09:41:29.116 0.9 T__ --- 287777 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/07 09:43:04.59 0.96 0.96 48.5374 20.7785 4.6 3.6 8 0.0f 15 8 87 0.16 1.07 sx BUD 18004994 BUD 172

```

Magnitude Err Nsta Author OrigID  
ML 1.6 0.4 7 BUD 18004994

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.16 255.4 Pg 09:43:07.895 -0.2 T__ 291.4 --- ML 1.2 287810 FDSN Z6 -- BUD iLoc HHZ HHZ _
JOS 0.16 255.4 Lg 09:43:11.514 0.6 T__ --- 287811 FDSN Z6 -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1

```

```

(Station ML: 1.2 magdef=0
KECS 0.20 254.5 Pg 09:43:08.307 -0.5 T__ 1263.9 --- ML 2.0 287813 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 254.5 Lg 09:43:12.647 0.5 T__ --- 287812 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
ABAH 0.39 128.0 Pg 09:43:12.961 0.3 T__ 79.4 --- ML 1.3 287820 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 128.0 Lg 09:43:18.264 -1.2 T__ --- 287819 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.45 202.2 Pg 09:43:14.805 0.7 T__ 57.4 --- ML 1.3 287821 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 0.45 202.2 Lg 09:43:21.446 -0.0 T__ --- 287814 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.86 224.0 Pg 09:43:23.234 0.6 T__ 92.3 --- ML 1.9 287824 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.86 224.0 Lg 09:43:34.468 -1.1 T__ --- 287815 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.90 223.0 Pg 09:43:23.521 0.2 T__ 62.9 --- ML 1.8 287817 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.90 223.0 Lg 09:43:36.179 -0.3 T__ --- 287816 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.94 340.5 Pg 09:43:23.350 1.1 T__ 38.5 --- ML 1.6 287822 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.94 340.5 Lg 09:43:34.213 -1.4 T__ --- 287823 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOLS 1.07 67.6 Lg 09:43:39.600 -1.8 T__ --- 287818 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
2022/12/07 10:22:13.00 1.06 1.26 47.2636 18.2350 7.8 5.0 91 0.0f 6 4 154 0.10 1.09 sx BUD 18004996 BUD 249

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.10 9.9 Pg 10:22:15.994 0.3 T__ 187.8 --- ML 0.9 287880 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 9.9 Lg 10:22:17.544 -0.8 T__ --- 287881 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
HU08A 0.27 308.5 Lg 10:22:24.094 0.1 T__ --- 287882 FDSN Z6 00 BUD iLoc HHN ??? _
MPLH 0.48 259.1 Lg 10:22:29.932 -0.8 T__ --- 287883 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.09 164.9 Pg 10:22:35.650 1.0 T__ 30.9 --- ML 1.6 287885 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.09 164.9 Lg 10:22:48.822 -1.6 T__ --- 287884 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/07 10:30:22.57 1.09 0.75 47.8840 20.1480 8.6 3.2 154 0.0f 13 9 153 0.17 1.54 sx BUD 18004998 BUD 207

```

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 4 BUD 18004998

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.17	281.5	Pg	10:30:26.963	0.1					T__		444.2		---	ML	1.4	287913	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.17	281.5	Lg	10:30:29.657	-0.8					T__				---		287915	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
ET1H	0.19	268.6	Pg	10:30:27.091	0.1					T__		659.0		---	ML	1.6	287914	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	268.6	Lg	10:30:29.572	-0.8					T__				---		287916	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1																					
				(Station ML: 1.6 magdef=1																					
HU02A	0.35	46.6	Pg	10:30:30.149	-0.0					T__		115.4		---	ML	1.3	287920	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.35	46.6	Lg	10:30:35.987	-0.2					T__				---		287919	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=1																					
HU03A	0.37	273.3	Pg	10:30:31.111	0.5					T__		110.1		---	ML	1.4	287918	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.37	273.3	Lg	10:30:37.270	0.8					T__				---		287917	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
HU01A	0.65	213.7	Lg	10:30:46.900	0.3					T__				---		287922	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
JOS	0.67	23.0	Lg	10:30:46.336	0.2					T__				---		287921	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
HU10A	0.76	267.5	Lg	10:30:49.181	-1.3					T__				---		287923	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
ABAH	0.84	60.2	Lg	10:30:52.017	-0.9					T__				---		287924	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	1.54	3.7	Lg	10:31:14.721	0.8					T__				---		287925	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
2022/12/07	10:48:21.51	0.74	0.73	46.7744	16.8393	4.2	3.1	124	10.4	5.8	24	16	60	0.23	1.60	ke	BUD	18005000	BUD			87

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	7 BUD	18005000

Sta	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	0.23	292.9	Pg	10:48:25.605	-1.0					T__		808.6		---	ML	1.9	288013	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.23	292.9	Lg	10:48:29.486	-0.6					T__				---		288014	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1																					
				(Station ML: 1.9 magdef=1																					
A261A	0.28	50.0	Pg	10:48:27.359	-0.1					T__		383.5		---	ML	1.7	288016	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.28	50.0	Lg	10:48:33.378	1.6					T__				---		288015	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=0																					
BEHE	0.31	188.2	Pg	10:48:28.385	0.2					T__		749.4		---	ML	2.0	288010	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.31	188.2	Lg	10:48:32.481	-0.2					T__				---		288032	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1																					
				(Station ML: 2.0 magdef=0																					
KOGS	0.52	231.4	Pg	10:48:31.796	-0.2					T__		139.0		---	ML	1.9	288012	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.52	231.4	Lg	10:48:39.536	0.7					T__				---		288011	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.9 magdef=1																					
				(Station ML: 1.9 magdef=1																					
EGYH	0.73	27.4	Lg	10:48:45.674	-0.9					T__				---		288017	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SOP	0.93	348.2	Sn	10:48:53.387	-0.6					T__				---		288018	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.99	48.0	Lg	10:48:55.407	0.5					T__				---		288021	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
RONA	1.00	338.4	Pg	10:48:40.294	-0.7					T__				---		288020	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	1.00	338.4	Lg	10:48:54.406	0.1					T__				---		288019	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	1.02	298.4	Pg	10:48:40.747	-0.1					T__		59.6		---	ML	1.8	288023	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

```

ARSA  1.02 298.4 Lg      10:48:54.945  0.8      T__      ---      288022      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
PTJ   1.06 215.1 Lg      10:48:55.696 -0.7      T__      ---      288024      FDSN CR      -- BUD  iLoc  BHE ??? _
KOVH  1.11 127.8 Pg      10:48:42.177 -0.8      T__      50.3      --- ML      1.8 288033      FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  1.11 127.8 Sn      10:48:58.021 -0.3      T__      ---      288025      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
CSKK  1.14  58.3 Sn      10:48:59.366  0.3      T__      ---      288026      FDSN HU      -- BUD  iLoc  HHN ??? _
CONA  1.33 330.4 Lg      10:49:05.636  1.3      T__      ---      288027      FDSN OE      -- BUD  iLoc  HHN ??? _
CRES  1.35 225.8 Pn      10:48:46.678  0.3      T__      54.5      --- ML      2.0 288029      FDSN SL      -- BUD  iLoc  BHZ BHZ _
CRES  1.35 225.8 Sn      10:49:04.019 -0.3      T__      ---      288028      FDSN SL      -- BUD  iLoc  BHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
MORH  1.37 113.5 Sn      10:49:04.973  0.3      T__      ---      288030      FDSN HU      -- BUD  iLoc  HHN ??? _
OBKA  1.60 261.3 Sn      10:49:11.167  0.5      T__      ---      288031      FDSN OE      -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/12/07 10:57:05.62  0.93  0.42 46.1151  18.0635  4.0  3.6  98  0.0f  10  5 108  0.04  0.43  sx BUD      18005002  BUD      192

```

```

Magnitude  Err Nsta Author      OrigID
ML      1.7 0.1  5 BUD      18005002

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
KOVH  0.04 136.6 Pg      10:57:07.099  0.0      T__      519.4      --- ML      1.1 288070      FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  0.04 136.6 Lg      10:57:08.499 -0.1      T__      ---      288071      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.1 magdef=1
(Station ML:  1.1 magdef=1
A273A 0.26 221.0 Pg      10:57:11.311 -0.1      T__      428.3      --- ML      1.7 288073      FDSN Z6      00 BUD  iLoc  HHZ HHZ _
A273A 0.26 221.0 Lg      10:57:15.972  0.5      T__      ---      288077      FDSN Z6      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
A265A 0.36 329.1 Pg      10:57:13.620  0.2      T__      257.5      --- ML      1.7 288072      FDSN Z6      00 BUD  iLoc  HHZ HHZ _
A265A 0.36 329.1 Lg      10:57:18.282 -0.8      T__      ---      288078      FDSN Z6      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
MORH  0.42  75.9 Pg      10:57:14.475  0.1      T__      29.7      --- ML      0.9 288076      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  0.42  75.9 Lg      10:57:20.890 -0.3      T__      ---      288075      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.9 magdef=1
(Station ML:  0.9 magdef=0
A266A 0.43  18.7 Pg      10:57:14.814 -0.0      T__      206.0      --- ML      1.8 288074      FDSN Z6      00 BUD  iLoc  HHZ HHZ _
A266A 0.43  18.7 Lg      10:57:22.213  0.4      T__      ---      288079      FDSN Z6      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=0

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2022/12/07 12:15:58.71  2.19  0.78 48.5937  20.8601  16.7  7.2  12  0.0f  8  6 253  0.23  0.97  sx BUD      18005004  BUD      319

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Magnitude  Err Nsta Author      OrigID
ML      1.7 0.4  3 BUD      18005004

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.23	245.4	Pg	12:16:03.966	0.4					T__		186.0		___	ML	1.2	288127	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.23	245.4	Lg	12:16:08.071	0.7					T__				---		288128	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.27	246.2	Pg	12:16:04.672	0.3					T__		396.3		___	ML	1.7	288130	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.27	246.2	Lg	12:16:08.905	0.2					T__				---		288129	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.39	139.5	Lg	12:16:14.424	0.8					T__				---		288133	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.52	205.5	Lg	12:16:18.025	-0.1					T__				---		288131	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
PSZ	0.93	224.0	Lg	12:16:31.840	-0.5					T__				---		288132	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	223.1	Pn	12:16:18.525	-1.1					T__		72.0		___	ML	1.9	288134	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/12/07	12:56:22.26	1.00	0.69	47.8745	16.0655	9.6	4.0	37	0.0f		6	4	127	0.15	1.21	sx	BUD	18005006	BUD				206

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.15	291.5	Pg	12:56:25.734	0.3					T__		130.7		___	ML	0.8	288155	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	291.5	Lg	12:56:27.551	-0.2					T__				---		288157	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
RONA	0.23	138.3	Pg	12:56:27.744	0.5					T__				---		288156	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	138.3	Lg	12:56:29.861	-0.8					T__				---		288158	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.72	210.7	Lg	12:56:45.013	-0.4					T__				---		288159	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	10.3	Sn	12:57:03.090	-0.4					T__				---		288160	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/12/07	13:24:02.18	1.71	1.01	48.6393	19.6407	10.4	5.5	113	0.0f		11	6	220	0.58	0.89	sx	BUD	18005008	BUD					294

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	18005008

Sta	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	0.58	105.2	Pg	13:24:14.957	1.1					T__		103.7		___	ML	1.8	288189	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.58	105.2	Lg	13:24:21.981	-0.7					T__				---		288188	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
JOS	0.61	103.2	Pg	13:24:15.171	0.8					T__		98.0		___	ML	1.8	288191	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	103.2	Lg	13:24:22.997	-0.7					T__				---		288192	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.74	166.7	Pg	13:24:18.474	0.6					T__		64.0		___	ML	1.7	288187	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.74	166.7	Lg	13:24:27.626	-1.5					T__				---		288186	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									



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(Station ML: 1.7 magdef=0
ET1H 0.78 168.5 Pg 13:24:18.774 0.3 T__ 65.5 ___ ML 1.7 288190 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.78 168.5 Lg 13:24:30.106 0.2 T__ ___ 288194 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.78 130.9 Pg 13:24:18.731 0.3 T__ 79.0 ___ ML 1.8 288185 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 0.78 130.9 Lg 13:24:29.550 -1.0 T__ ___ 288193 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.89 28.8 Lg 13:24:30.495 -1.2 T__ ___ 288195 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
2022/12/08 07:45:20.98 1.29 1.62 48.8894 21.6928 14.2 4.2 155 0.0f 8 5 200 0.39 1.09 sx BUD 18005012 BUD 259

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOLS 0.39 83.2 Pg 07:45:28.800 0.2 T__ ___ 288229 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.39 83.2 Lg 07:45:34.862 -0.2 T__ ___ 288222 FDSN SK -- BUD iLoc HHE ??? _
ABAH 0.67 207.0 Pg 07:45:34.964 0.7 T__ 52.3 ___ ML 1.6 288223 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.67 207.0 Lg 07:45:44.951 -0.3 T__ ___ 288226 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.86 243.2 Pg 07:45:38.682 0.7 T__ 55.9 ___ ML 1.7 288224 FDSN Z6 -- BUD iLoc HHZ HHZ _
JOS 0.86 243.2 Lg 07:45:49.055 -1.7 T__ ___ 288225 FDSN Z6 -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 0.95 143.1 Lg 07:45:53.337 -1.0 T__ ___ 288228 FDSN HU -- BUD iLoc HHN ??? _
HU02A 1.09 225.8 Lg 07:45:56.442 -2.8 T__ ___ 288227 FDSN Z6 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
2022/12/08 08:24:13.77 0.76 0.98 47.3460 18.4076 4.2 3.4 51 0.0f 15 11 82 0.10 1.16 sx BUD 18005014 BUD 135

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Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 4 BUD 18005014

```

Sta 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 0.10 279.8 Pg 08:24:16.603 0.2 T__ 2047.0 ___ ML 1.9 288259 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 279.8 Lg 08:24:18.004 -1.1 T__ ___ 288260 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU09A 0.29 356.7 Lg 08:24:25.381 -0.2 T__ ___ 288261 FDSN Z6 00 BUD iLoc HHN ??? _
HU08A 0.34 284.7 Lg 08:24:27.562 0.5 T__ ___ 288262 FDSN Z6 00 BUD iLoc HHN ??? _
A267A 0.40 172.7 Pg 08:24:22.558 0.4 T__ 150.9 ___ ML 1.6 288264 FDSN Z6 00 BUD iLoc HHZ HHZ _
A267A 0.40 172.7 Lg 08:24:27.861 -1.3 T__ ___ 288263 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TIH 0.57 218.4 Lg 08:24:33.292 -0.8 T__ ___ 288265 FDSN HU -- BUD iLoc HHN ??? _
MPLH 0.62 253.8 Lg 08:24:35.003 -0.9 T__ ___ 288266 FDSN HU -- BUD iLoc HHN ??? _
HU01A 0.82 89.7 Lg 08:24:42.444 -1.6 T__ ___ 288268 FDSN Z6 00 BUD iLoc HHN ??? _

```

A266A	0.83	186.9	Lg	08:24:42.872	0.4	T__								288267	FDSN	Z6	00	BUD	iLoc	HHN	???	_		
ET1H	1.12	61.2	Sn	08:24:52.223	-0.8	T__								288269	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MORH	1.14	171.8	Pg	08:24:37.730	1.2	T__				32.0			---	ML	1.6	288271	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.14	171.8	Lg	08:24:52.784	-0.2	T__								288270	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
PSZ	1.16	59.8	Pn	08:24:37.360	0.0	T__				47.1			---	ML	1.8	288272	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	59.8	Sn	08:24:55.407	1.5	T__								288273	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/08	08:54:57.70	1.48	0.97	48.4605	17.6094	11.9	3.6	120	0.0f		10	6	223	0.24	1.28	sx	BUD	18005018	BUD			282

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.24	248.7	Pg	08:55:02.993	-0.0					T__					288342	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.24	248.7	Lg	08:55:05.687	-1.7					T__					288348	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.40	5.8	Pg	08:55:06.029	-0.2					T__		58.3		---	ML	1.2	288343	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.40	5.8	Lg	08:55:12.915	-0.0					T__					288349	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ZST	0.43	232.2	Pg	08:55:07.195	0.5					T__					288344	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
KRUC	1.00	307.3	Pg	08:55:18.602	1.7					T__		52.8		---	ML	1.8	288345	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.00	307.3	Lg	08:55:31.100	-0.6					T__					288350	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
RONA	1.16	229.6	Lg	08:55:35.945	0.1					T__					288346	FDSN	OE	--	BUD	iLoc	HHN	???	_		
CONA	1.28	246.2	Lg	08:55:39.152	-0.4					T__					288351	FDSN	OE	--	BUD	iLoc	HHN	???	_		
CONA	1.28	246.2	Sn	08:55:41.205	0.3					T__					288347	FDSN	OE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/08	09:57:18.99	0.80	1.55	48.2192	21.1819	5.4	3.5	168	0.0f		23	14	84	0.09	1.65	sx	BUD	18005020	BUD			119

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	8 BUD	18005020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.09	26.6	Pg	09:57:20.643	-0.6					T__		27535.5		---	ML	3.0	288393	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.09	26.6	Lg	09:57:21.188	-2.3					T__					288394	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
HU02A	0.45	257.8	Pg	09:57:29.423	0.8					T__		115.3		---	ML	1.6	288395	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	257.8	Lg	09:57:35.603	-0.4					T__					288396	FDSN	Z6	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
JOS	0.51	303.1	Pg	09:57:29.972	0.7					T__		97.2		---	ML	1.7	288397	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	303.1	Lg	09:57:36.964	-0.2					T__					288398	FDSN	Z6	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																									



ML 1.7 0.1 5 BUD 18005028

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.39	193.5	Pg	13:06:03.121	0.9					T__		84.8		---	ML	1.3	288590	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	193.5	Lg	13:06:09.109	0.1					T__				---		288589	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
JOS	0.58	252.5	Pg	13:06:06.222	0.3					T__		63.8		---	ML	1.6	288599	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.58	252.5	Lg	13:06:14.861	0.1					T__				---		288594	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.62	252.4	Pg	13:06:06.628	-0.1					T__		94.8		---	ML	1.8	288592	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.62	252.4	Lg	13:06:16.785	0.7					T__				---		288593	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOLS	0.65	66.1	Pg	13:06:06.987	0.3					T__				---		288595	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
HU02A	0.79	226.1	Pg	13:06:09.477	-1.1					T__		63.4		---	ML	1.7	288591	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	226.1	Lg	13:06:21.152	-1.7					T__				---		288596	FDSN	Z6	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
TRPA	0.95	124.7	Pg	13:06:12.213	-0.4					T__		65.0		---	ML	1.8	288598	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.95	124.7	Lg	13:06:25.898	-1.9					T__				---		288597	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/09	11:14:24.87	0.62	1.11	47.3547	17.6439	3.0	2.6	150	0.0f	40	27	43	0.20	1.62	sx	BUD	18005032	BUD				59

Magnitude Err Nsta Author OrigID  
 ML 2.2 0.1 13 BUD 18005032

Sta	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	0.20	201.1	Pg	11:14:28.304	-1.2					T__		1710.6		---	ML	2.1	288759	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.20	201.1	Lg	11:14:32.067	-1.1					T__				---		288798	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU08A	0.21	67.9	Pg	11:14:29.148	-0.4					T__		2007.8		---	ML	2.2	288760	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.21	67.9	Lg	11:14:32.997	-0.6					T__				---		288761	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
CSKK	0.42	88.6	Lg	11:14:39.869	-1.2					T__				---		288763	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TIH	0.49	159.4	Lg	11:14:42.266	-0.2					T__				---		288762	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A261A	0.53	220.2	Lg	11:14:42.445	-1.0					T__				---		288797	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
HU09A	0.58	60.2	Lg	11:14:45.727	-0.8					T__				---		288764	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
A260A	0.64	264.0	Lg	11:14:48.195	1.3					T__				---		288788	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
SR0	0.64	44.4	Lg	11:14:49.260	0.4					T__				---		288765	FDSN	SK	--	BUD	iLoc	EHN	???	_	
A267A	0.70	125.2	Pg	11:14:40.754	1.7					T__		313.8		---	ML	2.4	288768	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.70	125.2	Lg	11:14:50.162	-0.3					T__				---		288767	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A263A	0.75	197.6	Lg	11:14:50.928	0.4					T__				---		288789	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
SOP	0.81	294.5	Lg	11:14:51.780	-0.2					T__				---		288790	FDSN	HU	--	BUD	iLoc	HHN	???	_	

A271A	0.84	103.4	Lg	11:14:55.069	-0.3	T__									288792	FDSN	Z6	00	BUD	iLoc	HHN	???	_
A262A	0.91	237.6	Pg	11:14:43.019	0.1	T__	213.6	---	ML	2.3	288791	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_				
	(Reading ML: 2.3 magdef=1)																						
	(Station ML: 2.3 magdef=1)																						
ZST	0.92	336.8	Lg	11:14:56.805	-0.7	T__									288793	FDSN	SK	--	BUD	iLoc	HHN	???	_
A265A	0.94	173.6	Pg	11:14:44.800	1.1	T__	321.8	---	ML	2.5	288770	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_				
A265A	0.94	173.6	Lg	11:14:57.629	1.1	T__									288771	FDSN	Z6	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.5 magdef=1)																						
	(Station ML: 2.5 magdef=0)																						
BUD	0.95	81.7	Pg	11:14:43.370	-1.1	T__	115.5	---	ML	2.1	288773	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
BUD	0.95	81.7	Sn	11:14:58.851	-0.8	T__									288772	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																						
	(Station ML: 2.1 magdef=1)																						
RONA	0.98	291.2	Pg	11:14:44.756	0.4	T__									288766	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.98	291.2	Lg	11:14:58.269	1.0	T__									288794	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	1.05	346.5	Pg	11:14:46.332	0.2	T__									288786	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.05	346.5	Sn	11:15:00.274	-2.0	T__									288785	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU10A	1.05	61.7	Pg	11:14:45.628	-0.8	T__	292.5	---	ML	2.6	288774	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_				
HU10A	1.05	61.7	Sn	11:15:02.050	-0.2	T__									288775	FDSN	Z6	00	BUD	iLoc	HHN	???	_
	(Reading ML: 2.6 magdef=1)																						
	(Station ML: 2.6 magdef=0)																						
BEHE	1.07	214.2	Pg	11:14:45.359	-1.0	T__	209.4	---	ML	2.4	288769	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
BEHE	1.07	214.2	Lg	11:15:00.071	-0.2	T__									288784	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.4 magdef=1)																						
	(Station ML: 2.4 magdef=1)																						
KOVH	1.31	165.9	Pn	11:14:49.360	-1.0	T__	75.7	---	ML	2.1	288777	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
KOVH	1.31	165.9	Sn	11:15:07.578	-0.9	T__									288776	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																						
	(Station ML: 2.1 magdef=1)																						
KOGS	1.32	227.0	Pn	11:14:50.107	-0.4	T__	103.8	---	ML	2.2	288796	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_				
KOGS	1.32	227.0	Lg	11:15:08.154	0.8	T__									288795	FDSN	SL	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.2 magdef=1)																						
	(Station ML: 2.2 magdef=1)																						
MORH	1.33	148.6	Pn	11:14:50.554	-0.1	T__	40.1	---	ML	1.8	288778	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
	(Reading ML: 1.8 magdef=1)																						
	(Station ML: 1.8 magdef=0)																						
HU01A	1.34	89.7	Sn	11:15:11.569	2.1	T__									288787	FDSN	Z6	00	BUD	iLoc	HHN	???	_
JAVC	1.51	0.7	Sn	11:15:13.017	-0.5	T__									288779	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ET1H	1.60	70.0	Pn	11:14:55.405	1.0	T__	37.7	---	ML	2.0	288780	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_				
ET1H	1.60	70.0	Sn	11:15:18.584	2.9	T__									288781	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.0 magdef=1)																						
	(Station ML: 2.0 magdef=0)																						
PSZ	1.62	68.8	Pn	11:14:56.056	1.2	T__	55.1	---	ML	2.1	288783	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_				
PSZ	1.62	68.8	Sn	11:15:18.466	2.0	T__									288782	FDSN	GE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																						
	(Station ML: 2.1 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/09	19:25:13.29	0.81	0.71	47.6736	16.0028	5.1	4.6	100	11.3	7.1	9	5	121	0.20	1.41		ke BUD	18005040	BUD			183

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.8	3 BUD	18005040

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.20	82.4	Pg	19:25:18.132	0.2					T__						289037	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.20	82.4	Lg	19:25:21.123	-0.1					T__						289043	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
CONA	0.27	339.6	Pg	19:25:19.543	0.3					T__		55.9			ML	0.8	289035	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	339.6	Lg	19:25:23.007	-0.3					T__						289036	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
ARSA	0.53	217.7	Pg	19:25:23.777	-0.1					T__		48.7			ML	1.5	289038	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.53	217.7	Lg	19:25:30.940	0.2					T__						289039	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A262A	0.89	156.0	Sn	19:25:44.819	0.4					T__						289040	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
KRUC	1.41	10.5	Pn	19:25:38.076	-0.8					T__		49.7			ML	2.0	289042	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.41	10.5	Sn	19:25:58.689	1.2					T__						289041	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/10	06:37:56.59	0.93	0.26	48.0460	20.1917	9.7	2.8	142	5.0f		9	5	161	0.24	0.51		ke BUD	18005046	BUD			205

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.1	4 BUD	18005046

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.24	71.0	Pg	06:38:02.045	0.2					T__		46.9			ML	0.6	289217	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.24	71.0	Lg	06:38:05.505	-0.4					T__						289218	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
PSZ	0.24	237.5	Pg	06:38:02.127	0.1					T__		39.7			ML	0.6	289213	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.24	237.5	Lg	06:38:06.162	0.0					T__						289214	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
ET1H	0.27	232.3	Pg	06:38:02.583	0.0					T__		26.9			ML	0.5	289216	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.27	232.3	Lg	06:38:06.801	-0.1					T__						289215	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
KECS	0.48	24.1	Lg	06:38:13.411	-0.0					T__						289220	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.51	27.2	Pg	06:38:06.858	0.2					T__		32.1			ML	1.2	289221	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	27.2	Lg	06:38:13.975	-0.4					T__						289219	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/10	06:39:18.55	1.01	0.18	48.0080	20.2176	13.0	3.0	146	5.0f		8	5	180	0.23	0.53		ke BUD	18005048	BUD			217

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.1	3 BUD	18005048

Sta	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	0.23	247.7	Pg	06:39:24.010	0.1	T__	39.1	---	ML	0.5	289250	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.23	247.7	Lg	06:39:27.954	-0.1	T__		---			289249	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1)																			
(Station ML: 0.5 magdef=1)																			
HU02A	0.24	60.9	Pg	06:39:23.915	0.1	T__	29.8	---	ML	0.4	289247	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.24	60.9	Lg	06:39:27.571	-0.3	T__		---			289248	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.4 magdef=1)																			
(Station ML: 0.4 magdef=1)																			
ET1H	0.27	241.1	Pg	06:39:24.468	0.1	T__	28.9	---	ML	0.5	289253	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.27	241.1	Lg	06:39:28.575	-0.1	T__		---			289251	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.5 magdef=1)																			
(Station ML: 0.5 magdef=1)																			
KECS	0.51	20.5	Lg	06:39:36.335	-0.1	T__		---			289254	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.53	23.7	Lg	06:39:37.107	-0.1	T__		---			289252	FDSN	Z6	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/10	06:46:41.52	0.93	0.72	48.0472	20.1898	9.4	2.8	142	5.0f	9	5	160	0.24	0.51	ke	BUD	18005050	BUD				204

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.1	4 BUD	18005050

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.24	237.1	Pg	06:46:47.118	0.2					T__		49.4		---	ML	0.7	289285	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.24	237.1	Lg	06:46:50.888	-0.2					T__				---		289288	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU02A	0.24	71.4	Pg	06:46:47.081	0.3					T__		31.6		---	ML	0.5	289281	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.24	71.4	Lg	06:46:50.505	-0.4					T__				---		289280	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
ET1H	0.27	232.0	Pg	06:46:47.601	0.1					T__		24.7		---	ML	0.4	289286	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.27	232.0	Lg	06:46:51.728	-0.1					T__				---		289287	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
KECS	0.48	24.3	Pg	06:46:51.911	0.8					T__		69.0		---	ML	1.5	289282	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.48	24.3	Lg	06:46:58.192	-0.2					T__				---		289283	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.51	27.4	Lg	06:46:57.790	-1.5					T__				---		289284	FDSN	Z6	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/12/12	05:39:30.77	0.75	0.46	47.1161	18.0960	2.7	2.6	84	11.5	7.3	30	19	39	0.26	1.46	ke	BUD	18005060	BUD				71

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	13 BUD	18005060

Sta	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	0.26	212.8	Pg	05:39:36.528	0.1					T__		618.0		_d	ML	1.8	289582	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.26	212.8	Lg	05:39:40.553	-0.2					T__				---		289568	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									





Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/12	08:29:18.55	1.32	1.28	46.0493	22.8834	11.7	6.4	67	0.0f		8	6	142	0.17	1.47	sx	BUD	18005062	BUD			187

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.17	175.2	Pg	08:29:21.692	-0.0					T__		424.3		___	ML	1.4	289637	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.17	175.2	Lg	08:29:24.394	0.3					T__				---		289636	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
GZR	0.66	186.5	Pg	08:29:31.077	-0.2					T__		54.9		___	ML	1.6	289638	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.66	186.5	Lg	08:29:40.115	-0.5					T__				---		289640	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.75	350.9	Lg	08:29:44.333	-1.5					T__				---		289639	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.86	133.8	Lg	08:29:47.168	-0.6					T__				---		289641	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.99	244.4	Lg	08:29:50.333	-1.3					T__				---		289642	FDSN	RO	--	BUD	iLoc	HHN	???	_	
HU24A	1.47	306.5	Sn	08:30:08.083	1.9					T__				---		289643	FDSN	Z6	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
2022/12/12	09:37:19.99	0.81	1.05	47.2838	18.3228	4.3	3.9	120	0.0f		14	12	76	0.09	1.24	sx	BUD	18005064	BUD			102

Magnitude Err Nsta Author OrigID

Sta	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	331.9	Pg	09:37:22.509	0.0					T__		584.3		___	ML	1.3	289670	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	331.9	Lg	09:37:24.008	-0.9					T__				---		289677	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU08A	0.31	298.7	Lg	09:37:32.261	0.0					T__				---		289678	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
A267A	0.35	162.1	Lg	09:37:33.868	0.2					T__				---		289679	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
HU09A	0.36	6.5	Lg	09:37:33.195	-0.8					T__				---		289671	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
TIH	0.48	217.6	Lg	09:37:38.031	0.5					T__				---		289680	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.55	258.3	Lg	09:37:38.688	-1.1					T__				---		289681	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.73	39.7	Lg	09:37:48.094	1.0					T__				---		289672	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
A261A	0.87	247.9	Lg	09:37:50.432	0.8					T__				---		289673	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
HU01A	0.88	85.6	Lg	09:37:51.105	-1.2					T__				---		289682	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
MORH	1.09	168.2	Lg	09:37:55.471	-2.1					T__				---		289674	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.21	59.8	Pn	09:37:44.077	-0.1					T__		51.4		___	ML	1.9	289675	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.21	59.8	Sn	09:38:01.914	0.7					T__				---		289683	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	1.24	58.6	Sn	09:38:03.213	1.1					T__				---		289676	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/12	10:43:08.61	1.02	1.02	48.2420	21.1884	6.4	5.0	157	0.0f		12	9	85	0.06	1.32	sx	BUD	18005066	BUD			151

Magnitude Err Nsta Author OrigID

ML	1.4	0.0	3	BUD	18005066																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.06	32.3	Pg	10:43:10.772	0.3					T__		6852.9		---	ML	2.3	289744	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	32.3	Lg	10:43:11.868	-0.4					T__				---		289745	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU11A	0.32	182.5	Lg	10:43:21.548	0.3					T__				---		289752	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
HU02A	0.46	255.1	Pg	10:43:18.697	0.3					T__		67.3		---	ML	1.4	289748	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	255.1	Lg	10:43:25.307	-0.6					T__				---		289751	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.50	300.6	Pg	10:43:19.957	1.2					T__		53.5		---	ML	1.4	289746	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	300.6	Lg	10:43:25.069	-1.4					T__				---		289747	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
TRPA	0.91	96.5	Lg	10:43:40.334	-0.9					T__				---		289749	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.93	250.0	Lg	10:43:40.553	-1.5					T__				---		289750	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.96	248.1	Lg	10:43:41.647	-1.0					T__				---		289753	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	1.00	45.7	Lg	10:43:43.242	-0.6					T__				---		289754	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	1.32	333.8	Lg	10:43:51.910	-0.9					T__				---		289755	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
2022/12/12	10:59:59.01	0.87	0.76	48.1319	16.9723	5.8	3.4	128	0.0f		14	9	107	0.11	1.52	sx	BUD	18005068	BUD			173

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ZST	0.11	53.6	Pg	11:00:02.775	1.0					T__				---		289785	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.11	53.6	Lg	11:00:04.400	0.2					T__				---		289788	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.32	40.0	Pg	11:00:06.244	0.3					T__				---		289784	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	40.0	Lg	11:00:11.046	-0.4					T__				---		289789	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.63	226.7	Pg	11:00:11.832	0.2					T__				---		289787	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.63	226.7	Lg	11:00:19.665	-0.3					T__				---		289790	FDSN	OE	--	BUD	iLoc	HHN	???	_	
EGYH	0.76	161.1	Lg	11:00:24.408	-1.0					T__				---		289792	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.77	255.1	Lg	11:00:24.913	0.4					T__				---		289791	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.86	32.3	Pg	11:00:16.944	0.2					T__		85.6		---	ML	1.9	289786	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.86	32.3	Lg	11:00:28.886	-1.2					T__				---		289793	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KRUC	1.01	337.8	Lg	11:00:32.211	-1.0					T__				---		289794	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.20	348.1	Pg	11:00:22.501	0.7					T__		17.3		---	ML	1.4	289795	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.20	348.1	Lg	11:00:38.862	-0.6					T__				---		289796	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
TREC	1.52	320.3	Sn	11:00:47.568	-0.5					T__				---		289797	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/12	12:07:55.70	0.95	0.63	48.4012	20.6208	4.8	3.6	70	0.0f		8	5	133	0.11	0.72	sx	BUD	18005070	BUD			238

Magnitude Err Nsta Author OrigID  
 ML 1.0 0.3 3 BUD 18005070

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.11	330.3	Pg	12:07:58.372	0.2					T__		257.8		---	ML	1.0 289819	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	330.3	Lg	12:07:59.742	-0.4					T__				---		289822	FDSN	Z6	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1)																								
HU02A	0.29	192.9	Pg	12:08:02.054	0.0					T__		55.1		---	ML	0.8 289820	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.29	192.9	Lg	12:08:07.404	0.4					T__				---		289823	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1)																								
ABAH	0.43	104.1	Pg	12:08:04.885	0.4					T__		70.5		---	ML	1.3 289821	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.43	104.1	Lg	12:08:10.746	-1.1					T__				---		289824	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																								
PSZ	0.69	225.5	Lg	12:08:20.775	-0.1					T__				---		289825	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.72	224.1	Lg	12:08:21.311	-0.5					T__				---		289826	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  
 2022/12/12 12:45:49.39 0.84 0.73 47.8875 16.0914 5.0 3.7 44 0.0f 12 9 85 0.16 1.51 sx BUD 18005072 BUD 130

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CONA	0.16	284.9	Pg	12:45:52.732	-0.1					T__		485.3		---	ML	1.4 289897	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	284.9	Lg	12:45:54.686	-0.6					T__				---		289901	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																								
RONA	0.23	143.6	Pg	12:45:54.394	0.1					T__				---		289898	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.23	143.6	Lg	12:45:58.064	0.3					T__				---		289902	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	0.74	211.3	Lg	12:46:12.920	-0.3					T__				---		289903	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	0.93	58.1	Lg	12:46:21.811	-0.9					T__				---		289904	FDSN	SK	--	BUD	iLoc	HHN	???	_
A262A	1.07	163.7	Sn	12:46:27.171	0.1					T__				---		289905	FDSN	Z6	00	BUD	iLoc	HHN	???	_
KRUC	1.19	9.6	Pg	12:46:12.763	0.5					T__		61.4		---	ML	2.0 289900	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.19	9.6	Lg	12:46:29.488	-0.4					T__				---		289899	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																								
VRAC	1.46	13.0	Sn	12:46:36.874	-0.0					T__				---		289907	FDSN	CZ	--	BUD	iLoc	HHN	???	_
TREC	1.46	344.3	Lg	12:46:38.566	1.5					T__				---		289906	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.51	308.8	Lg	12:46:39.419	1.0					T__				---		289908	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/12/13 08:51:14.56 0.24 0.84 47.3304 18.2927 2.8 2.7 141 0.0A 0.0 19 14 70 0.04 1.40 m kx BUD 18005076 BUD 360  
 2022/12/13 08:51:12.47 0.85 0.94 47.3167 18.3081f 0.0f 19 14 70 0.06 1.42 kx BUD\_GT 18005077 BUD\_GT 99

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

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.0 5 BUD 18005077

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	08:51:14.508	0.2					T__		2440.9		---	ML	1.8	290044	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	08:51:15.342	-0.9					T__				---		290045	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
HU08A	0.29	293.8	Lg	08:51:23.740	-0.2					T__				---		290062	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
HU09A	0.33	8.9	Pg	08:51:20.154	0.7					T__		235.3		---	ML	1.6	290058	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.33	8.9	Lg	08:51:24.163	-1.3					T__				---		290057	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
A267A	0.39	162.2	Lg	08:51:26.825	-0.5					T__				---		290059	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
BUD	0.51	70.8	Lg	08:51:30.834	-1.2					T__				---		290061	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.54	254.6	Lg	08:51:32.779	0.6					T__				---		290046	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.71	42.0	Lg	08:51:38.082	-0.9					T__				---		290047	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
A272A	0.73	141.6	Lg	08:51:38.766	-0.4					T__				---		290048	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
HU03A	1.05	55.6	Pg	08:51:35.260	0.9					T__		91.8		---	ML	2.0	290050	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.05	55.6	Sn	08:51:47.918	-2.0					T__				---		290049	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
MORH	1.13	168.1	Lg	08:51:49.490	-1.7					T__				---		290060	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.20	61.4	Pn	08:51:36.029	0.6					T__		49.7		---	ML	1.9	290052	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.20	61.4	Sn	08:51:54.162	0.7					T__				---		290051	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
PSZ	1.23	60.1	Pn	08:51:36.970	0.9					T__		55.1		---	ML	1.9	290053	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	60.1	Sn	08:51:54.590	-0.2					T__				---		290054	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
KOVH	1.24	186.7	Lg	08:51:55.103	-0.2					T__				---		290055	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	1.42	286.4	Sn	08:51:57.754	-0.9					T__				---		290056	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/12/13 09:06:44.96 0.88 1.11 48.9887 21.2439 4.9 4.2 9 0.0f 15 9 131 0.68 1.55 sx BUD 18005078 BUD 171

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.0 5 BUD 18005078

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.68	223.7	Pg	09:06:57.508	-0.9					T__		78.4		---	ML	1.8	290099	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	223.7	Lg	09:07:08.200	-0.4					T__				---		290100	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
KOLS	0.68	94.3	Pg	09:06:58.246	0.2					T__				---		290105	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.68	94.3	Lg	09:07:08.929	-0.1					T__				---		290106	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.69	180.2	Pg	09:07:00.470	1.7					T__		90.1		---	ML	1.8	290102	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.69	180.2	Lg	09:07:10.178	0.0					T__				---		290108	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
NIE	0.75	305.1	Pg	09:06:59.871	0.7					T__		45.3		---	ML	1.6	290104	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.75	305.1	Lg	09:07:09.493	-0.5					T__				---		290107	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									

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(Station ML: 1.6 magdef=0
HU02A 0.99 209.1 Pg 09:07:04.062 -1.2 T__ 56.7 --- ML 1.8 290101 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 0.99 209.1 Lg 09:07:19.672 -0.0 T__ --- 290109 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA 1.22 134.5 Pg 09:07:07.316 -1.0 T__ 54.1 --- ML 1.9 290111 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.22 134.5 Sn 09:07:24.508 -1.8 T__ --- 290110 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
PSZ 1.40 220.5 Sn 09:07:32.801 1.8 T__ --- 290103 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.44 220.0 Sn 09:07:32.684 0.8 T__ --- 290112 FDSN HU -- BUD iLoc HHN ??? _
OJC 1.55 323.2 Sn 09:07:34.073 -0.6 T__ --- 290113 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
2022/12/13 09:08:57.84 1.12 1.42 48.4994 17.5742 10.7 3.1 118 0.0f 13 7 216 0.23 1.28 sx BUD 18005080 BUD 227

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Magnitude Err Nsta Author OrigID
ML 2.0 0.2 4 BUD 18005080

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.23 237.6 Pg 09:09:02.929 -0.2 T__ --- 290147 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.23 237.6 Lg 09:09:05.089 -2.3 T__ --- 290148 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.37 10.0 Pg 09:09:05.944 0.2 T__ 196.5 --- ML 1.6 290151 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 10.0 Lg 09:09:09.921 -2.0 T__ --- 290152 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ZST 0.44 226.2 Pg 09:09:07.740 0.8 T__ --- 290150 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.44 226.2 Lg 09:09:12.573 -1.4 T__ --- 290149 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.96 306.3 Pg 09:09:17.084 0.8 T__ 88.9 --- ML 2.0 290154 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.96 306.3 Lg 09:09:30.427 0.0 T__ --- 290153 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
RDNA 1.17 227.4 Lg 09:09:38.339 2.1 T__ --- 290155 FDSN OE -- BUD iLoc HHN ??? _
MORC 1.28 359.1 Pn 09:09:23.713 0.7 T__ 78.0 --- ML 2.1 290159 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.28 359.1 Lg 09:09:39.793 0.3 T__ --- 290158 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CONA 1.28 244.1 Pn 09:09:22.002 -1.1 T__ 95.4 --- ML 2.2 290157 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.28 244.1 Lg 09:09:40.734 1.2 T__ --- 290156 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/13 09:22:07.26 0.42 0.70 48.0364 20.3150 10.8 3.2 147 0.0A 0.0 8 5 175 0.16 0.67 m kx BUD 18005082 BUD 360
2022/12/13 09:22:04.72 0.95 0.79 47.9590 20.3545f 0.0f 8 5 196 0.20 0.68 kx BUD_GT 18005083 BUD_GT 221

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

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Magnitude Err Nsta Author OrigID
ML 1.2 0.3 3 BUD 18005083

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.20	35.0	Pg	09:22:09.173	-0.2					T__		225.4		---	ML	1.2	290185	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	09:22:12.369	-0.8					T__				---		290189	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.31	262.7	Pg	09:22:12.851	1.0					T__		70.3		---	ML	1.0	290188	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	262.7	Lg	09:22:16.774	-0.5					T__				---		290190	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ET1H	0.33	256.4	Lg	09:22:18.303	0.7					T__				---		290187	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.55	12.9	Pg	09:22:15.908	0.1					T__		52.7		---	ML	1.5	290186	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	12.9	Lg	09:22:23.039	-1.3					T__				---		290191	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.68	60.0	Lg	09:22:29.545	-0.4					T__				---		290192	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
2022/12/13	10:26:17.44	0.83	0.97	47.8491	19.8563	4.9	3.1	165	0.0f		18	12	73	0.03	1.77	sx	BUD	18005084	BUD			91

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	6 BUD	18005084

Sta	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	0.03	18.6	Pg	10:26:18.538	-0.1					T__		2340.1		---	ML	1.8	290229	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.03	18.6	Lg	10:26:19.672	-0.3					T__				---		290230	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.07	20.3	Pg	10:26:19.543	-0.2					T__		1894.9		---	ML	1.8	290231	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.07	20.3	Lg	10:26:20.842	-1.0					T__				---		290240	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	0.18	287.7	Pg	10:26:21.767	0.1					T__		404.3		---	ML	1.4	290233	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.18	287.7	Lg	10:26:25.659	0.7					T__				---		290232	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU23A	0.34	128.2	Lg	10:26:31.282	0.6					T__				---		290234	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
HU02A	0.53	58.4	Pg	10:26:28.075	-0.5					T__		56.5		---	ML	1.5	290235	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.53	58.4	Lg	10:26:37.013	-0.2					T__				---		290236	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU01A	0.53	197.7	Lg	10:26:36.590	-0.8					T__				---		290241	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
HU10A	0.56	269.9	Lg	10:26:36.264	-2.2					T__				---		290242	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
JOS	0.79	35.0	Pg	10:26:34.191	0.9					T__		70.9		---	ML	1.8	290237	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	35.0	Lg	10:26:45.203	-0.1					T__				---		290243	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU12A	0.94	135.0	Lg	10:26:50.231	-1.1					T__				---		290244	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
ABAH	1.03	63.7	Pg	10:26:38.724	0.9					T__		72.9		---	ML	1.9	290239	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.03	63.7	Lg	10:26:53.093	-0.9					T__				---		290238	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									

A267A	1.30	226.5	Sn	10:27:01.826	1.0	T__								290245	FDSN	Z6	00	BUD	iLoc	HHN	???	_
JAVC	1.77	305.5	Sn	10:27:13.933	1.2	T__								290246	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/13	10:49:40.12	1.43	0.88	48.6801	19.9013	8.8	5.4	115	0.0f	11	6	197	0.46	0.97	sx	BUD	18005086	BUD				291

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	18005086

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.46	113.3	Pg	10:49:48.790	-0.6					T__		44.1		---	ML	1.2	290281	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	113.3	Lg	10:49:57.129	0.7					T__				---		290289	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=0)																					
HU02A	0.70	143.1	Pg	10:49:54.242	-0.3					T__		33.0		---	ML	1.4	290282	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.70	143.1	Lg	10:50:06.345	0.9					T__				---		290286	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
PSZ	0.76	180.3	Pg	10:49:56.605	0.3					T__		48.8		---	ML	1.6	290285	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.76	180.3	Lg	10:50:07.558	-0.3					T__				---		290284	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
NIE	0.78	19.4	Lg	10:50:06.288	0.2					T__				---		290290	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ET1H	0.80	181.4	Pg	10:49:56.620	-0.3					T__		45.1		---	ML	1.6	290288	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.80	181.4	Lg	10:50:08.766	0.0					T__				---		290287	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
ABAH	0.97	112.8	Pg	10:50:00.416	1.2					T__		56.0		---	ML	1.8	290283	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.97	112.8	Lg	10:50:12.177	-1.7					T__				---		290291	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=0)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/13	11:30:01.92	1.54	1.00	47.8927	20.1295	17.4	3.6	159	0.0f	8	5	204	0.16	0.85	sx	BUD	18005088	BUD				218

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	3 BUD	18005088

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.16	279.3	Pg	11:30:06.329	0.4					T__		244.4		---	ML	1.1	290321	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.16	279.3	Lg	11:30:08.638	-0.6					T__				---		290322	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
ET1H	0.17	265.6	Pg	11:30:06.414	0.3					T__		270.7		---	ML	1.2	290319	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.17	265.6	Lg	11:30:08.937	-0.4					T__				---		290320	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
HU02A	0.35	49.0	Pg	11:30:10.230	0.6					T__		59.3		---	ML	1.0	290324	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.35	49.0	Lg	11:30:14.763	-0.9					T__				---		290323	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					

(Station ML: 1.0 magdef=1  
 JJS 0.66 24.3 Lg 11:30:25.227 -0.1 T\_\_ --- 290325 FDSN Z6 -- BUD iLoc HHN ??? \_  
 ABAH 0.85 61.1 Lg 11:30:30.771 -1.7 T\_\_ --- 290326 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
2022/12/13	12:30:58.27	1.00	1.16	46.1317	16.3685	7.2	4.6	119	0.0f		9	6	139	0.33	1.58	sx	BUD	18005090	BUD			153

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	18005090

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOGS	0.33	345.5	Pg	12:31:05.306	0.2					T__		133.2		---	ML	1.3	290424	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.33	345.5	Lg	12:31:08.684	-1.2					T__				---		290425	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
PTJ	0.36	231.3	Pg	12:31:05.153	-0.7					T__		122.5		---	ML	1.4	290423	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.36	231.3	Lg	12:31:11.139	-0.3					T__				---		290430	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
CRES	0.71	244.6	Pg	12:31:12.532	0.6					T__		57.3		---	ML	1.7	290426	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.71	244.6	Lg	12:31:23.035	0.8					T__				---		290427	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
KOVH	1.21	91.4	Pg	12:31:21.203	-0.9					T__		58.5		---	ML	1.9	290428	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
ARSA	1.26	332.8	Lg	12:31:38.473	-0.0					T__				---		290429	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORH	1.58	86.2	Sn	12:31:50.761	2.0					T__				---		290431	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		
2022/12/14	09:25:53.98	0.32	0.87	46.8733	17.3106	3.6	3.2	25	0.0A	0.0	14	11	95	0.16	1.33	m	kx	BUD	18005094	BUD			360	
2022/12/14	09:25:52.89	0.90	1.77	46.9790	17.3040f				0.0f		14	11	86	0.11	1.23		kx	BUD_GT	18005095	BUD_GT			107	
(locality : Sümeg Hungary) (GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	3 BUD	18005095

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.11	255.8	Pg	09:25:55.727	-0.0					T__		13488.6		---	ML	2.7	290652	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.11	255.8	Lg	09:25:58.013	-0.2					T__				---		290653	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1																									
MPLH	0.25	40.0	Pg	09:26:00.180	1.6					T__		943.5		---	ML	2.0	290651	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.25	40.0	Lg	09:26:04.646	1.6					T__				---		290654	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
TIH	0.41	100.9	Lg	09:26:06.567	-1.6					T__				---		290655	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.62	42.8	Lg	09:26:16.300	0.5					T__				---		290645	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
CSKK	0.76	59.2	Lg	09:26:20.037	-0.9					T__				---		290644	FDSN	HU	--	BUD	iLoc	HHN	???	_	



KOGS	0.90	234.2	Pg	09:26:09.378	-1.3	T__	135.6	---	ML	2.1	290656	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.90	234.2	Pn	09:26:11.573	-0.4	T__	115.2	---	ML	2.1	290650	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=1															
HU09A	0.99	47.6	Sn	09:26:27.953	-0.5	T__		---			290646	FDSN	Z6	00	BUD	iLoc	HNN	???	_
RONA	0.99	316.8	Sn	09:26:30.392	2.0	T__		---			290647	FDSN	OE	--	BUD	iLoc	HNN	???	_
KOVH	1.05	148.1	Lg	09:26:23.858	-4.8	T__		---			290657	FDSN	HU	--	BUD	iLoc	HNN	???	_
MORH	1.20	129.1	Sn	09:26:31.538	-1.6	T__		---			290648	FDSN	HU	--	BUD	iLoc	HNN	???	_
ZST	1.23	353.7	Lg	09:26:35.999	0.0	T__		---			290649	FDSN	SK	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/14	09:38:53.12	1.22	1.42	48.6783	21.3081	8.4	5.9	41	0.0f		12	7	137	0.39	1.47	sx	BUD	18005096	BUD			228

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	18005096

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.39	186.8	Pg	09:39:02.715	1.7					T__		98.9		---	ML	1.4	290688	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	186.8	Lg	09:39:06.778	-1.0					T__				---		290692	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=0																					
JOS	0.54	250.6	Pg	09:39:04.059	0.1					T__		94.2		---	ML	1.8	290694	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	250.6	Lg	09:39:12.612	0.4					T__				---		290693	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=1																					
HU02A	0.76	223.5	Pg	09:39:08.002	-0.9					T__		75.6		---	ML	1.8	290695	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	223.5	Lg	09:39:19.292	-1.4					T__				---		290696	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1																					
				(Station ML: 1.8 magdef=1																					
NIE	0.99	318.5	Lg	09:39:27.754	1.8					T__				---		290691	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	1.21	231.7	Pn	09:39:16.513	-0.9					T__		101.4		---	ML	2.2	290698	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.21	231.7	Sn	09:39:34.817	0.3					T__				---		290697	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1																					
				(Station ML: 2.2 magdef=1																					
ET1H	1.25	230.7	Pn	09:39:18.175	0.3					T__		105.3		---	ML	2.2	290689	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.25	230.7	Sn	09:39:35.452	0.1					T__				---		290690	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1																					
				(Station ML: 2.2 magdef=0																					
MEZ	1.47	95.6	Sn	09:39:38.234	-2.7					T__				---		290699	FDSN	UA	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/14	09:48:28.59	1.22	1.39	48.4992	17.5544	11.1	3.4	119	0.0f		10	7	212	0.22	1.27	sx	BUD	18005098	BUD			262

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.22	235.8	Pg	09:48:33.057	-0.6					T__				---		290745	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.22	235.8	Lg	09:48:37.056	-0.7					T__				---		290746	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.37	12.0	Pg	09:48:36.607	0.1					T__		150.8		---	ML	1.5	290747	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	12.0	Lg	09:48:42.551	-0.2					T__				---		290751	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 ZST 0.43 225.0 Lg 09:48:45.799 1.4 T\_\_ --- 290752 FDSN SK -- BUD iLoc HHN ??? \_  
 KRUC 0.95 306.7 Lg 09:49:01.560 0.7 T\_\_ --- 290748 FDSN CZ -- BUD iLoc HHN ??? \_  
 VRAC 1.03 322.3 Lg 09:49:03.870 0.7 T\_\_ --- 290749 FDSN CZ -- BUD iLoc HHN ??? \_  
 RONA 1.16 227.0 Lg 09:49:09.553 2.9 T\_\_ --- 290753 FDSN OE -- BUD iLoc HHN ??? \_  
 CONA 1.27 243.9 Pn 09:48:52.665 -1.0 T\_\_ 123.8 --- ML 2.3 290750 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 1.27 243.9 Lg 09:49:10.590 0.7 T\_\_ --- 290754 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/14	09:59:28.96	0.78	0.71	48.3887	17.2948	5.4	2.5	110	0.0f		21	12	128	0.02	1.65	sx	BUD	18005100	BUD			149

Magnitude Err Nsta Author OrigID  
 ML 2.2 0.0 6 BUD 18005100

Sta	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	217.5	Pg	09:59:29.657	-0.2					T__						290793	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.02	217.5	Lg	09:59:31.411	0.4					T__						290803	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.23	213.7	Pg	09:59:33.143	-1.0					T__						290794	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.23	213.7	Lg	09:59:37.719	-0.5					T__						290804	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.53	27.8	Pg	09:59:40.242	0.1					T__	275.9				ML	2.2	290795	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	27.8	Lg	09:59:47.640	-1.1					T__						290805	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
KRUC	0.90	318.9	Pg	09:59:45.716	-0.5					T__	154.8				ML	2.2	290796	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.90	318.9	Lg	09:59:59.315	-0.2					T__						290797	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
RONA	0.96	224.6	Pg	09:59:48.709	0.7					T__						290798	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.96	224.6	Lg	10:00:00.555	-0.1					T__						290806	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VRAC	1.03	333.5	Pg	09:59:48.709	0.2					T__	36.9				ML	1.6	290799	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.03	333.5	Lg	10:00:03.421	-0.2					T__						290800	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																									
HU08A	1.05	155.9	Lg	10:00:05.568	-0.4					T__						290808	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
CONA	1.06	244.9	Pg	09:59:48.795	-1.2					T__	126.8				ML	2.2	290801	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.06	244.9	Lg	10:00:05.003	1.3					T__						290807	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
MPLH	1.23	172.2	Sn	10:00:11.375	0.7					T__						290802	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORC	1.40	6.6	Pg	09:59:54.125	-0.8					T__	105.6				ML	2.3	290810	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.40	6.6	Lg	10:00:14.567	0.1					T__						290809	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
TREC	1.50	307.9	Lg	10:00:16.697	-0.9					T__						290811	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ARSA	1.65	227.0	Pn	09:59:59.938	0.7					T__	166.7				ML	2.6	290813	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.65	227.0	Sn	10:00:21.406	0.3					T__						290812	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/14	10:01:33.62	0.97	0.93	48.5023	20.7724	5.2	3.8	20	0.0f	10	6	141	0.16	0.97	sx	BUD	18005102	BUD				222

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	18005102

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	267.7	Pg	10:01:36.580	-0.4					T__		223.3		___	ML	1.1	290846	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	267.7	Lg	10:01:40.375	0.8					T__				---		290847	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ABAH	0.37	123.4	Pg	10:01:41.193	-0.2					T__		126.6		___	ML	1.4	290849	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	123.4	Lg	10:01:47.972	0.0					T__				---		290848	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.41	203.6	Lg	10:01:50.178	0.9					T__				---		290852	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
PSZ	0.83	225.5	Lg	10:02:03.055	-0.6					T__				---		290853	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.87	224.4	Pg	10:01:52.439	0.7					T__		86.9		___	ML	1.9	290855	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	224.4	Lg	10:02:03.729	-0.8					T__				---		290854	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
NIE	0.97	341.4	Pg	10:01:52.751	0.8					T__		63.6		___	ML	1.8	290850	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.97	341.4	Lg	10:02:04.126	-1.5					T__				---		290851	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/14	10:12:53.59	0.76	1.06	48.4244	18.6571	8.4	3.6	25	0.0f	12	8	114	0.63	1.54	sx	BUD	18005104	BUD				146

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.0	3 BUD	18005104

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.63	157.2	Lg	10:13:15.951	-0.7					T__				---		290889	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
JAVC	0.79	304.0	Pg	10:13:10.722	1.0					T__		177.7		___	ML	2.2	290891	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.79	304.0	Lg	10:13:20.387	-1.5					T__				---		290890	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU03A	0.82	129.2	Lg	10:13:22.241	-0.5					T__				---		290892	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
MODS	0.92	267.4	Pg	10:13:13.418	1.2					T__				---		290894	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.92	267.4	Lg	10:13:24.965	-1.4					T__				---		290893	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.97	121.0	Lg	10:13:27.412	-1.1					T__				---		290888	FDSN	GE	--	BUD	iLoc	HHN	???	_	
JOS	1.25	86.0	Pg	10:13:19.287	0.9					T__		66.1		___	ML	2.0	290885	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.25	86.0	Sn	10:13:35.409	-0.6					T__				---		290895	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	1.28	102.9	Pn	10:13:18.774	-0.1					T__		87.5		___	ML	2.2	290887	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.28	102.9	Sn	10:13:36.735	-0.0					T__				---		290886	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									

MORC 1.54 332.0 Sn 10:13:42.628 -0.5 T\_\_ --- 290896 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/12/15 06:37:11.38 0.94 0.67 47.2805 17.7720 7.5 3.1 150 5.0f 7 4 159 0.18 0.34 ke BUD 18005106 BUD 218

Magnitude Err Nsta Author OrigID  
 ML 1.0 0.3 3 BUD 18005106

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU08A	0.18	34.3	Pg	06:37:15.224	-0.1					T__		78.5		---	ML	0.7 291034	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.18	34.3	Lg	06:37:18.250	-0.4					T__				---		291037	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
MPLH	0.19	235.2	Pg	06:37:15.623	0.0					T__		147.6		---	ML	1.0 291039	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.19	235.2	Lg	06:37:18.442	-0.5					T__				---		291036	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
EGYH	0.33	294.7	Lg	06:37:23.958	0.7					T__				---		291038	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	0.34	75.9	Pg	06:37:19.052	0.6					T__		85.7		---	ML	1.2 291035	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.34	75.9	Lg	06:37:23.560	-0.7					T__				---		291040	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/12/15 08:21:34.35 1.07 1.07 46.0648 22.8492 13.1 4.4 82 0.0f 7 4 175 0.19 0.97 sx BUD 18005108 BUD 285

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.1 3 BUD 18005108

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DEV	0.19	168.2	Pg	08:21:38.138	0.3					T__		632.7		---	ML	1.6 291065	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.19	168.2	Lg	08:21:40.726	0.2					T__				---		291064	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
GZR	0.67	184.4	Pg	08:21:47.256	-0.0					T__		59.8		---	ML	1.7 291068	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	184.4	Lg	08:21:55.382	-1.4					T__				---		291069	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
DRGR	0.73	352.6	Pg	08:21:49.475	0.3					T__		60.5		---	ML	1.7 291066	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.73	352.6	Lg	08:21:59.568	-1.4					T__				---		291067	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
BZS	0.97	243.0	Lg	08:22:07.402	0.4					T__				---		291070	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/12/15 08:23:28.44 1.06 0.20 46.1053 18.0560 6.3 4.4 130 0.0f 6 4 157 0.03 0.44 sx BUD 18005110 BUD 259

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.4 4 BUD 18005110

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	119.1	Pg	08:23:29.957	0.1					T__		425.0		___	ML	1.0	291093	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	119.1	Lg	08:23:31.053	-0.3					T__				---		291098	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
A273A	0.25	221.6	Pg	08:23:34.062	0.1					T__		410.7		___	ML	1.6	291094	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
MORH	0.42	74.8	Pg	08:23:37.419	0.1					T__		54.4		___	ML	1.2	291095	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
A266A	0.44	18.9	Pg	08:23:37.826	-0.0					T__		182.0		___	ML	1.8	291096	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.44	18.9	Lg	08:23:45.096	0.1					T__				---		291097	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/15	08:31:00.76	2.26	1.20	45.5388	16.2748	16.7	8.5	173	5.0f		9	6	229	0.43	1.79	ke	BUD	18005112	BUD			273

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	18005112

Sta	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	0.43	329.8	Pg	08:31:08.429	-1.1					T__		118.3		___	ML	1.6	291143	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.43	329.8	Lg	08:31:16.194	0.3					T__				---		291148	FDSN	CR	--	BUD	iLoc	BHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
CRES	0.64	296.9	Pg	08:31:13.688	0.5					T__		95.2		___	ML	1.8	291145	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.64	296.9	Lg	08:31:22.131	-0.4					T__				---		291144	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
KOGS	0.91	358.9	Pg	08:31:18.532	0.2					T__		93.3		___	ML	2.0	291146	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.91	358.9	Lg	08:31:32.096	1.9					T__				---		291147	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
A261A	1.54	22.9	Lg	08:31:51.038	0.6					T__				---		291150	FDSN	Z6	00	BUD	iLoc	HHE	???	_	
OBKA	1.55	309.5	Lg	08:31:52.318	1.7					T__				---		291149	FDSN	OE	--	BUD	iLoc	HHE	???	_	
MORH	1.79	66.9	Sn	08:31:55.536	-0.3					T__				---		291151	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
2022/12/15	08:38:55.25	0.96	0.88	47.8616	19.4005	6.8	3.9	160	0.0f		13	9	143	0.14	1.09	sx	BUD	18005114	BUD			164

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	18005114

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.14	72.4	Pg	08:38:59.447	0.8					T__		291.8		___	ML	1.2	291184	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.14	72.4	Lg	08:39:02.814	1.5					T__				---		291185	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					

```

(Station ML: 1.2 magdef=1
HU10A 0.26 266.5 Lg 08:39:04.974 -0.6 T__
ET1H 0.32 86.7 Pg 08:39:01.842 -0.5 T__ 167.9 --- ML 1.4 291183 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.32 86.7 Lg 08:39:07.252 -0.3 T__ --- 291189 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.34 80.1 Pg 08:39:02.697 -0.2 T__ 190.1 --- ML 1.5 291182 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.34 80.1 Lg 08:39:07.722 -1.0 T__ --- 291190 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU01A 0.54 163.9 Lg 08:39:15.833 0.3 T__ --- 291191 FDSN Z6 00 BUD iLoc HHN ??? _
HU23A 0.61 110.9 Lg 08:39:17.414 -0.5 T__ --- 291192 FDSN Z6 00 BUD iLoc HHN ??? _
HU02A 0.80 70.5 Lg 08:39:23.720 -0.7 T__ --- 291193 FDSN Z6 00 BUD iLoc HHN ??? _
JOS 0.99 49.8 Pg 08:39:15.815 0.9 T__ 54.0 --- ML 1.8 291187 FDSN Z6 -- BUD iLoc HHZ HHZ _
JOS 0.99 49.8 Lg 08:39:29.158 -1.3 T__ --- 291186 FDSN Z6 -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 1.09 247.2 Sn 08:39:33.286 -0.2 T__ --- 291194 FDSN Z6 00 BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/15 09:36:19.23 1.45 1.11 48.4695 17.6058 11.7 3.2 118 0.0f 14 8 222 0.24 1.31 sx BUD 18005116 BUD 231

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 5 BUD 18005116

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.24 246.4 Pg 09:36:24.290 -0.3 T__ --- 291228 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.24 246.4 Lg 09:36:27.198 -1.8 T__ --- 291229 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.39 6.3 Pg 09:36:27.840 0.2 T__ 173.9 --- ML 1.6 291232 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.39 6.3 Lg 09:36:32.341 -1.8 T__ --- 291235 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ZST 0.43 231.0 Pg 09:36:28.781 0.5 T__ --- 291231 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.43 231.0 Lg 09:36:34.511 -0.7 T__ --- 291230 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.00 307.0 Pg 09:36:39.023 0.7 T__ 62.0 --- ML 1.8 291234 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.00 307.0 Lg 09:36:52.216 -0.8 T__ --- 291236 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VRAC 1.07 321.9 Pg 09:36:40.792 1.3 T__ 29.6 --- ML 1.6 291237 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
RONA 1.17 229.2 Pg 09:36:43.535 1.2 T__ --- 291233 FDSN OE -- BUD iLoc HHZ ??? _
CONA 1.29 245.8 Pg 09:36:44.657 0.1 T__ 93.1 --- ML 2.2 291239 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.29 245.8 Lg 09:37:01.935 0.8 T__ --- 291238 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MORC 1.31 358.2 Pg 09:36:44.744 1.2 T__ 78.8 --- ML 2.1 291240 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.31 358.2 Lg 09:37:01.721 -0.1 T__ --- 291241 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/15	10:01:24.23	0.96	1.44	47.5094	18.6856	7.1	3.3	155	0.0f	8	6	146	0.23	0.91	sx	BUD	18005118	BUD				206

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	18005118

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BUD	0.23	96.3	Lg	10:01:33.257	-0.7					T__						291298	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.24	302.3	Lg	10:01:32.946	-1.3					T__						291297	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
CSKK	0.32	243.3	Pg	10:01:31.951	0.8					T__	138.1			---	ML	1.3	291293	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.32	243.3	Lg	10:01:36.034	-1.1					T__						291294	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU10A	0.40	33.7	Pg	10:01:34.001	1.1					T__	119.4			---	ML	1.5	291300	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.40	33.7	Lg	10:01:39.036	-0.8					T__						291299	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.88	64.8	Pg	10:01:43.370	0.5					T__	52.6			---	ML	1.7	291295	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.91	62.9	Lg	10:01:55.377	-2.1					T__						291296	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/15	10:08:19.26	0.89	1.76	47.2839	17.6798	8.4	3.3	139	0.0f	9	7	113	0.15	1.63	sx	BUD	18005120	BUD				188

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.15	220.1	Pg	10:08:22.687	-0.2					T__	437.3			---	ML	1.4	291324	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.15	220.1	Lg	10:08:25.210	-0.8					T__						291329	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU08A	0.22	48.3	Pg	10:08:24.076	-0.2					T__	265.4			---	ML	1.3	291325	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.22	48.3	Lg	10:08:27.797	-0.8					T__						291328	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
CSKK	0.40	78.4	Lg	10:08:33.339	-1.6					T__						291326	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.59	53.1	Lg	10:08:40.706	-0.8					T__						291327	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
RONA	1.03	294.4	Lg	10:08:52.929	-0.3					T__						291330	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KOVH	1.23	166.3	Sn	10:09:02.293	1.3					T__						291331	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.63	66.2	Sn	10:09:14.452	3.5					T__						291332	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/15	11:40:04.70	0.68	0.89	48.7099	18.7321	5.0	3.5	31	0.0f	19	11	90	0.72	1.39	sx	BUD	18005124	BUD				135

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	7 BUD	18005124

Sta	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	0.72	282.4	Pg	11:40:19.262	-0.2					T__	122.3			---	ML	2.0	291444	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

JAVC	0.72	282.4	Lg	11:40:30.563	-0.1	T__									291451	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
HU10A	0.89	167.4	Lg	11:40:36.195	-0.5	T__									291452	FDSN	Z6	00	BUD	iLoc	HHN	???	_
HU03A	0.99	144.0	Pg	11:40:26.354	1.1	T__	143.4			ML	2.2				291446	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=0)																							
MODS	1.02	251.4	Pg	11:40:25.325	-0.0	T__									291445	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.02	251.4	Lg	11:40:40.891	0.1	T__									291453	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.11	135.2	Pn	11:40:27.797	0.2	T__	94.3			ML	2.1				291447	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.11	135.2	Sn	11:40:41.792	-1.8	T__									291454	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							
ET1H	1.13	137.1	Pn	11:40:26.642	-1.1	T__	72.3			ML	2.0				291440	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.13	137.1	Sn	11:40:42.990	-0.9	T__									291455	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
JOS	1.22	99.4	Pg	11:40:29.294	0.6	T__	67.4			ML	2.0				291443	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
NIE	1.25	54.9	Lg	11:40:44.535	-1.4	T__									291456	FDSN	PL	--	BUD	iLoc	BHN	???	_
MORC	1.32	324.3	Pg	11:40:30.282	1.0	T__	82.7			ML	2.2				291449	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.32	324.3	Lg	11:40:46.790	-0.8	T__									291448	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MORC	1.32	324.3	Sg	11:40:47.901	0.3	T__									291457	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
HU02A	1.33	115.5	Pn	11:40:31.432	0.8	T__	44.5			ML	1.9				291442	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.33	115.5	Sn	11:40:48.966	-0.1	T__									291441	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=0)																							
HU08A	1.39	203.3	Sn	11:40:51.279	0.9	T__									291458	FDSN	Z6	00	BUD	iLoc	HHN	???	_
HU08A	1.39	203.3	Lg	11:40:52.904	-0.3	T__									291450	FDSN	Z6	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
2022/12/15	11:50:49.92	0.78	0.48	48.6681	18.6362	8.6	5.6	27	0.0f		11	7	129	0.67	1.37	sx	BUD	18005126	BUD			170

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BUD	18005126

Sta	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	0.67	287.0	Pg	11:51:04.101	0.4					T__		112.0			ML	1.9	291500	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.67	287.0	Lg	11:51:13.082	-1.0					T__						291504	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
MODS	0.95	252.4	Pg	11:51:09.376	0.3					T__						291501	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
PSZ	1.13	131.3	Pn	11:51:13.171	0.2					T__	89.8				ML	2.1	291499	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.13	131.3	Sn	11:51:29.379	0.1					T__						291503	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ET1H	1.14	133.3	Pn	11:51:13.177	0.0					T__	62.9				ML	1.9	291505	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									



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JOS 1.28 97.1 Pn 11:51:14.625 -0.4 T__ 74.7 ___ ML 2.1 291496 FDSN Z6 -- BUD iLoc HHZ HHZ _
JOS 1.28 97.1 Sn 11:51:32.330 -0.5 T__ ___ 291497 FDSN Z6 -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MORC 1.32 327.5 Pg 11:51:14.674 0.2 T__ 89.0 ___ ML 2.2 291502 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.32 327.5 Lg 11:51:33.148 0.3 T__ ___ 291506 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU02A 1.37 112.8 Pn 11:51:16.421 0.0 T__ 54.5 ___ ML 2.0 291498 FDSN Z6 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/15 12:48:34.03 0.75 0.96 47.3403 16.3546 4.3 3.5 67 0.0f 17 11 70 0.36 1.46 sx BUD 18005128 BUD 139

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Magnitude Err Nsta Author OrigID
ML 2.0 0.1 6 BUD 18005128

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.36 353.8 Pg 12:48:41.397 -0.1 T__ ___ 291575 FDSN OE -- BUD iLoc HHZ ??? _
RONA 0.36 353.8 Lg 12:48:46.069 -0.6 T__ ___ 291583 FDSN OE -- BUD iLoc HHN ??? _
A262A 0.49 166.0 Lg 12:48:52.010 1.2 T__ ___ 291579 FDSN Z6 00 BUD iLoc HHN ??? _
ARSA 0.57 261.3 Pg 12:48:45.438 0.3 T__ 84.3 ___ ML 1.7 291576 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.57 261.3 Lg 12:48:51.490 -0.9 T__ ___ 291584 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A261A 0.67 125.3 Pg 12:48:48.533 0.9 T__ 176.2 ___ ML 2.1 291585 FDSN Z6 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
EGYH 0.67 83.0 Lg 12:48:58.524 0.6 T__ ___ 291581 FDSN HU -- BUD iLoc HHN ??? _
CONA 0.68 330.6 Pg 12:48:48.945 1.5 T__ 115.1 ___ ML 1.9 291580 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.68 330.6 Lg 12:48:57.527 1.1 T__ ___ 291586 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 0.82 101.5 Pg 12:48:50.710 0.0 T__ 58.8 ___ ML 1.7 291589 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.82 101.5 Lg 12:49:01.223 -1.8 T__ ___ 291588 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
KOGS 0.90 184.6 Pg 12:48:51.617 -0.0 T__ 100.9 ___ ML 2.0 291578 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.90 184.6 Lg 12:49:02.907 -0.3 T__ ___ 291587 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BEHE 0.92 161.5 Pg 12:48:53.092 0.6 T__ 173.5 ___ ML 2.2 291590 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MODS 1.21 30.7 Pn 12:48:58.118 -0.1 T__ ___ 291577 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.21 30.7 Sn 12:49:14.900 -0.4 T__ ___ 291591 FDSN SK -- BUD iLoc HHE ??? _
PTJ 1.46 190.7 Sn 12:49:20.198 -1.3 T__ ___ 291582 FDSN CR -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

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2022/12/16 07:27:07.32 1.12 0.35 47.9833 20.4120 19.5 3.7 139 0.0A 0.0 7 4 225 0.16 0.52 m kx BUD 18005130 BUD 360  
 2022/12/16 07:27:05.76 0.97 1.24 47.9590 20.3545f 0.0f 7 4 221 0.20 0.55 kx BUD\_GT 18005131 BUD\_GT 243  
 (locality : Eger-III. Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.0 0.1 3 BUD 18005131

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU02A	0.20	35.0	Pg	07:27:10.302	-0.1					T__		139.0		---	ML	1.0 291691	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.20	35.0	Lg	07:27:12.457	-1.8					T__				---		291695	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
PSZ	0.31	262.7	Lg	07:27:18.460	0.2					T__				---		291692	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.33	256.4	Pg	07:27:14.252	1.1					T__		50.8		---	ML	0.9 291694	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.33	256.4	Lg	07:27:19.364	0.7					T__				---		291696	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								
JOS	0.55	12.9	Pg	07:27:17.324	0.5					T__		42.0		---	ML	1.4 291693	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	12.9	Lg	07:27:23.349	-2.0					T__				---		291697	FDSN	Z6	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/16	10:05:32.28	0.89	1.12	48.2415	21.2263	6.9	3.8	135	0.0f		17	11	88	0.06	1.55	sx	BUD	18005132	BUD			131

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 5 BUD 18005132

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.06	9.3	Pg	10:05:32.921	-1.1					T__		9369.5		---	ML	2.4 291756	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	9.3	Lg	10:05:34.181	-1.5					T__				---		291762	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																								
HU02A	0.48	256.0	Pg	10:05:40.992	-1.6					T__		61.6		---	ML	1.4 291772	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	256.0	Pb	10:05:43.438	0.9					T__				---		291763	FDSN	Z6	00	BUD	iLoc	HHZ	???	_
HU02A	0.48	256.0	Lg	10:05:49.920	-0.5					T__				---		291758	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
JOS	0.52	299.3	Pg	10:05:42.653	-0.2					T__		70.4		---	ML	1.6 291764	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.52	299.3	Lg	10:05:50.541	-0.3					T__				---		291757	FDSN	Z6	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
HU05A	0.69	185.0	Lg	10:05:58.033	-0.3					T__				---		291765	FDSN	Z6	00	BUD	iLoc	HHN	???	_
TRPA	0.89	96.7	Lg	10:06:02.373	-1.8					T__				---		291766	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU23A	0.89	227.8	Lg	10:06:05.110	0.7					T__				---		291767	FDSN	Z6	00	BUD	iLoc	HHN	???	_
PSZ	0.95	250.6	Pg	10:05:51.746	-0.6					T__		81.0		---	ML	1.9 291760	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.95	250.6	Lg	10:06:05.112	-1.4					T__				---		291759	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
ET1H	0.98	248.8	Lg	10:06:06.208	-0.9					T__				---		291761	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOLS	0.98	44.7	Lg	10:06:06.317	-0.7					T__				---		291768	FDSN	SK	--	BUD	iLoc	HHN	???	_

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NIE 1.33 332.9 Pn 10:05:59.495 1.4 T__ 36.9 ___ ML 1.8 291770 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.33 332.9 Sn 10:06:16.659 0.1 T__ ___ 291769 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MEZ 1.55 79.0 Sn 10:06:23.141 1.2 T__ ___ 291771 FDSN UA -- 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
2022/12/16 11:45:49.44 1.21 0.90 46.9076 22.8628 8.9 7.1 158 0.0f 9 6 128 0.16 1.59 sx BUD 18005134 BUD 248

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Magnitude Err Nsta Author OrigID
ML 1.9 0.5 3 BUD 18005134

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.16 221.9 Pg 11:45:53.298 0.4 T__ 326.2 ___ ML 1.2 291801 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.16 221.9 Lg 11:45:54.923 -1.0 T__ ___ 291804 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CJR 0.54 110.8 Lg 11:46:07.668 -1.0 T__ ___ 291802 FDSN RO -- BUD iLoc HHN ??? _
TRPA 1.24 350.0 Sn 11:46:31.638 0.1 T__ ___ 291805 FDSN HU -- BUD iLoc HHN ??? _
GZR 1.52 182.3 Pg 11:46:18.880 0.7 T__ 72.6 ___ ML 2.2 291807 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.52 182.3 Sn 11:46:37.723 -0.6 T__ ___ 291806 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BZS 1.55 214.3 Pn 11:46:17.894 -0.4 T__ 32.9 ___ ML 1.9 291803 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.55 214.3 Sn 11:46:39.695 0.5 T__ ___ 291808 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
LOT 1.59 156.3 Sn 11:46:41.411 1.2 T__ ___ 291809 FDSN RO -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/17 08:00:28.64 0.83 0.66 47.8565 21.4785 6.3 4.3 170 14.4 7.4 18 10 146 0.22 1.20 ke BUD 18005140 BUD 187

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 18005140

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU11A 0.22 288.1 Pg 08:00:34.257 0.3 T__ 258.3 ___ ML 1.3 292053 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU11A 0.22 288.1 Lg 08:00:36.727 -1.3 T__ ___ 292054 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU07A 0.32 66.8 Pg 08:00:35.514 0.0 T__ 236.2 ___ ML 1.6 292059 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU07A 0.32 66.8 Lg 08:00:40.966 -0.1 T__ ___ 292060 FDSN Z6 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU05A 0.38 217.2 Lg 08:00:42.366 -0.7 T__ ___ 292061 FDSN Z6 00 BUD iLoc HHN ??? _
ABAH 0.47 340.1 Pg 08:00:38.116 -0.1 T__ 35.4 ___ ML 1.2 292052 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.47 340.1 Lg 08:00:45.121 -0.4 T__ ___ 292062 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU02A 0.69 292.9 Pg 08:00:42.959 -0.1 T__ 37.5 ___ ML 1.5 292046 FDSN Z6 00 BUD iLoc HHZ HHZ _

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HU02A	0.69	292.9	Lg	08:00:52.317	-0.9	T__	---	292045	FDSN	Z6	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU12A	0.81	213.5	Lg	08:00:55.707	-0.8	T__	---	292057	FDSN	Z6	00	BUD	iLoc	HHN	???	_			
JOS	0.90	315.9	Pg	08:00:45.845	-0.5	T__	36.8	---	ML	1.6	292058	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.90	315.9	Pb	08:00:46.716	0.4	T__	37.3	---	ML	1.6	292055	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.90	315.9	Lg	08:00:58.438	-0.4	T__	---	292047	FDSN	Z6	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
PSZ	1.07	273.9	Pn	08:00:48.953	-0.3	T__	49.1	---	ML	1.8	292048	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.07	273.9	Sn	08:01:04.071	0.2	T__	---	292049	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ET1H	1.08	271.8	Pn	08:00:49.911	0.6	T__	52.0	---	ML	1.8	292051	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.08	271.8	Sn	08:01:04.363	0.2	T__	---	292050	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
KOLS	1.20	25.9	Lg	08:01:09.567	1.0	T__	---	292056	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
2022/12/17	11:39:02.34	0.81	1.19	47.8313	20.6975	3.2	2.8	146	4.0	7.4	58	39	53	0.31	2.46	ke	BUD	18005144	BUD			61

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.2	20 BUD	18005144

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.31	338.4	Pg	11:39:08.879	-0.2					T__		515.2		---	ML	1.9	292230	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.31	338.4	Lg	11:39:14.010	-0.3					T__				---		292231	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
HU11A	0.33	73.4	Pg	11:39:09.194	-0.0					T__	5981.6			---	ML	3.0	292233	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU11A	0.33	73.4	Lg	11:39:15.338	0.5					T__				---		292269	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
HU23A	0.36	237.7	Pg	11:39:10.887	0.8					T__	1549.9			---	ML	2.5	292239	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.36	237.7	Lg	11:39:17.899	2.3					T__				---		292238	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
HU05A	0.41	133.1	Pg	11:39:10.696	-0.2					T__	2836.5			---	ML	2.9	292243	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.41	133.1	Lg	11:39:17.579	-0.1					T__				---		292242	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
PSZ	0.55	279.5	Pg	11:39:13.748	-0.3					T__	1698.8			---	ML	3.0	292236	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.55	279.5	Lg	11:39:22.512	0.0					T__				---		292237	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
ET1H	0.56	275.2	Pg	11:39:13.864	-0.2					T__	651.2			---	ML	2.6	292240	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.56	275.2	Lg	11:39:22.574	0.2					T__				---		292241	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
ABAH	0.59	37.8	Pg	11:39:13.659	-0.3					T__	622.4			---	ML	2.6	292235	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.59	37.8	Lg	11:39:22.058	-1.6					T__				---		292234	FDSN	HU	--	BUD	iLoc	HHN	???	_	



HU21A	1.64	204.2	Lg	11:39:56.163	-2.1	T__								292282	FDSN	Z6	00	BUD	iLoc	HHN	???	_
CSKK	1.71	255.0	Lg	11:39:58.244	-3.3	T__								292284	FDSN	HU	--	BUD	iLoc	HHN	???	_
DRGR	1.72	126.5	Pg	11:39:36.018	-0.3	T__	149.9							292283	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																						
(Station ML: 2.6 magdef=1)																						
A267A	1.75	240.4	Pg	11:39:37.969	0.6	T__	296.8							292265	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																						
(Station ML: 2.9 magdef=1)																						
MEZ	2.01	69.0	Pg	11:39:42.458	1.5	T__								292264	FDSN	UA	--	BUD	iLoc	BHZ	???	_
A266A	2.11	232.7	Lg	11:40:12.000	-1.3	T__								292261	FDSN	Z6	00	BUD	iLoc	HHN	???	_
TIH	2.12	245.0	Lg	11:40:15.242	1.4	T__								292262	FDSN	HU	--	BUD	iLoc	HHN	???	_
MPLH	2.24	254.0	Sn	11:40:09.869	2.8	T__								292285	FDSN	HU	--	BUD	iLoc	HHN	???	_
CJR	2.27	118.5	Lg	11:40:17.108	0.6	T__								292263	FDSN	RO	--	BUD	iLoc	HHN	???	_
EGYH	2.31	260.9	Lg	11:40:20.544	0.1	T__								292286	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	2.36	284.6	Lg	11:40:21.544	-1.3	T__								292287	FDSN	SK	--	BUD	iLoc	HHN	???	_
OJC	2.46	346.4	Pg	11:39:50.512	0.5	T__	66.1							292267	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	2.46	346.4	Lg	11:40:24.037	3.1	T__								292268	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/17	18:42:54.64	0.92	0.90	46.1547	20.7804	5.0	3.7	47	5.1	7.9	20	13	113	0.57	1.87	ke	BUD	18005148	BUD			143

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	8 BUD	18005148

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU14A	0.57	301.3	Pg	18:43:07.029	0.7					T__		232.1			ML	2.2	292496	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU14A	0.57	301.3	Lg	18:43:14.881	-0.2					T__						292499	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU06A	0.58	345.3	Pg	18:43:06.646	-0.1					T__	233.3				ML	2.2	292497	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU06A	0.58	345.3	Lg	18:43:15.132	-0.3					T__						292498	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU21A	0.75	284.1	Pg	18:43:09.939	0.3					T__	148.8				ML	2.1	292501	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.75	284.1	Lg	18:43:20.492	-1.0					T__						292500	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BZS	0.79	132.3	Pg	18:43:10.535	0.4					T__	46.5				ML	1.6	292503	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.79	132.3	Lg	18:43:21.080	-0.4					T__						292508	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU24A	0.80	18.9	Pg	18:43:10.633	-0.5					T__	186.4				ML	2.2	292502	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.80	18.9	Lg	18:43:21.388	-1.0					T__						292507	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BANR	0.81	162.0	Sn	18:43:24.365	-0.7					T__						292504	FDSN	RO	--	BUD	iLoc	HHN	???	_	
HU12A	1.03	1.8	Pn	18:43:15.338	-0.4					T__	141.5				ML	2.2	292505	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU12A	1.03	1.8	Lg	18:43:29.635	-0.1					T__						292509	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									

HU04B	1.14	305.9	Sn	18:43:32.206	-1.0	T__								292510	FDSN	Z6	00	BUD	iLoc	HHN	???	_
HU22A	1.16	279.2	Sn	18:43:33.525	-0.1	T__								292511	FDSN	Z6	00	BUD	iLoc	HHN	???	_
FRGS	1.21	214.7	Pg	18:43:17.470	-0.2	T__	70.7							292506	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
MORH	1.49	273.1	Pn	18:43:22.824	0.8	T__	37.5							292493	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.49	273.1	Sn	18:43:42.142	0.4	T__								292494	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
KOVH	1.87	268.9	Lg	18:43:55.143	-1.4	T__								292495	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.87	341.4	Sn	18:43:53.573	2.3	T__								292512	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/18	08:21:46.11	0.84	0.60	47.8540	16.3065	9.7	4.0	27	8.2	12.9	9	5	132	0.15	1.21	ke	BUD	18005150	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	3 BUD	18005150

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.15	182.5	Pg	08:21:49.756	-0.0					T__						292567	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.15	182.5	Lg	08:21:51.783	-0.6					T__						292566	FDSN	OE	--	BUD	iLoc	HHN	???	_
SOP	0.24	135.1	Pg	08:21:51.746	0.5					T__	97.2					292568	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.24	135.1	Lg	08:21:54.576	-0.2					T__						292569	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
CONA	0.31	284.1	Pg	08:21:52.751	0.2					T__	69.2					292565	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.31	284.1	Lg	08:21:57.142	0.1					T__						292572	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
ARSA	0.80	221.6	Lg	08:22:12.759	0.9					T__						292573	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.21	2.8	Pn	08:22:09.056	-0.3					T__	68.0					292571	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	2.8	Sn	08:22:25.380	-0.5					T__						292570	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/18	09:49:04.78	0.93	1.02	47.7063	19.3281	9.3	3.1	171	0.0f		14	8	165	0.25	1.26	sx	BUD	18005152	BUD			184

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	6 BUD	18005152

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU10A	0.25	303.8	Pg	09:49:11.022	0.7					T__		132.9				292662	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.25	303.8	Lg	09:49:14.397	-0.5					T__						292659	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=0)																								
HU03A	0.27	42.7	Pg	09:49:11.709	0.9					T__	189.8					292663	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.27	42.7	Lg	09:49:14.870	-0.5					T__						292660	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								

ET1H	0.41	64.5	Pg	09:49:14.227	0.6	T__	54.4	___	ML	1.2	292664	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.41	64.5	Lg	09:49:19.670	-0.5	T__		---			292657	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
PSZ	0.44	60.7	Pg	09:49:14.753	0.3	T__	105.9	___	ML	1.5	292651	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.44	60.7	Lg	09:49:20.364	-1.3	T__		---			292658	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU09A	0.64	264.3	Lg	09:49:27.427	-1.2	T__		---			292661	FDSN	Z6	00	BUD	iLoc	HHN	???	_
CSKK	0.80	245.0	Lg	09:49:33.396	-0.6	T__		---			292652	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	1.13	45.3	Pg	09:49:27.096	-0.2	T__	42.3	---	ML	1.8	292656	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.13	45.3	Sn	09:49:41.925	-2.2	T__		---			292653	FDSN	Z6	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
HU11A	1.26	79.3	Pn	09:49:30.374	0.8	T__	440.9	---	ML	2.8	292654	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU11A	1.26	79.3	Sn	09:49:47.319	0.1	T__		---			292655	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/19	07:33:41.17	0.97	0.63	47.7186	16.1047	6.0	4.2	23	7.0f		6	3	136	0.13	0.61	ke	BUD	18005158	BUD			258

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.13	98.3	Pg	07:33:44.283	-0.0					T__						292797	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.13	98.3	Lg	07:33:46.720	0.2					T__						292798	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.27	322.1	Pg	07:33:47.145	0.4					T__	131.2			___	ML	1.2	292800	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	322.1	Lg	07:33:49.902	-0.8					T__						292799	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ARSA	0.61	220.3	Pg	07:33:52.659	-0.4					T__	79.0			___	ML	1.7	292801	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.61	220.3	Lg	07:34:01.387	0.5					T__						292802	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/12/19	09:38:01.81	0.98	1.03	46.0354	22.5703	5.2	4.6	96	0.0f		11	6	129	0.28	1.02	sx	BUD	18005160	BUD					200

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	18005160

Sta	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	0.28	123.1	Pg	09:38:07.194	0.1					T__		422.1		___	ML	1.7	292829	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.28	123.1	Lg	09:38:10.517	-0.5					T__						292836	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
GZR	0.66	167.2	Pg	09:38:14.826	0.4					T__	110.9			___	ML	1.9	292830	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.66	167.2	Lg	09:38:24.248	0.5					T__						292831	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									



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(Station ML: 1.9 magdef=1
DRGR 0.76 7.3 Pg 09:38:17.309 0.1 T__ 112.9 ___ ML 2.0 292834 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.76 7.3 Lg 09:38:28.009 -1.0 T__ ___ 292837 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BZS 0.79 238.2 Pg 09:38:17.821 0.6 T__ 83.4 ___ ML 1.9 292833 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.79 238.2 Lg 09:38:26.950 -1.5 T__ ___ 292832 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CJR 0.98 46.0 Pg 09:38:22.422 1.2 T__ 225.8 ___ ML 2.4 292835 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.98 46.0 Lg 09:38:34.729 -1.6 T__ ___ 292838 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
LOT 1.02 124.5 Lg 09:38:35.595 -0.8 T__ ___ 292839 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/19 09:53:35.84 0.89 1.02 48.4807 20.8035 5.5 3.9 157 0.0f 15 9 85 0.18 1.21 sx BUD 18005162 BUD 149

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 6 BUD 18005162

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 275.0 Pg 09:53:38.727 -0.9 T__ 425.4 ___ ML 1.4 292877 FDSN Z6 -- BUD iLoc HHZ HHZ _
JOS 0.18 275.0 Lg 09:53:42.251 -0.3 T__ ___ 292878 FDSN Z6 -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.34 122.3 Pg 09:53:43.584 0.6 T__ 124.8 ___ ML 1.4 292881 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.34 122.3 Lg 09:53:49.993 0.8 T__ ___ 292882 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU02A 0.40 207.5 Pg 09:53:44.552 0.0 T__ 115.6 ___ ML 1.5 292880 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 0.40 207.5 Lg 09:53:51.965 0.8 T__ ___ 292879 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.83 227.6 Pg 09:53:53.787 0.4 T__ 127.4 ___ ML 2.1 292885 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.83 227.6 Lg 09:54:06.386 0.5 T__ ___ 292886 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
ET1H 0.87 226.4 Pg 09:53:54.303 0.3 T__ 69.3 ___ ML 1.8 292883 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.87 226.4 Lg 09:54:06.774 0.0 T__ ___ 292887 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU03A 0.99 234.8 Lg 09:54:10.229 -0.7 T__ ___ 292890 FDSN Z6 00 BUD iLoc HHN ??? _
NIE 1.00 340.7 Pg 09:53:55.252 0.6 T__ 76.5 ___ ML 1.9 292884 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 1.07 64.5 Pg 09:53:56.677 0.4 T__ ___ 292889 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.07 64.5 Lg 09:54:10.262 -2.7 T__ ___ 292888 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.21 106.2 Sn 09:54:16.055 -1.0 T__ ___ 292891 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
2022/12/19	11:00:28.33	0.91	1.26	48.1798	16.9342	5.3	3.6	145	0.0f	10	6	87	0.11	0.95	sx	BUD	18005166	BUD				158

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZST	0.11	81.7	Pg	11:00:31.552	0.3					T__						292943	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.11	81.7	Lg	11:00:33.542	-0.2					T__						292945	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.30	49.6	Pg	11:00:34.893	-0.0					T__						292947	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.30	49.6	Lg	11:00:40.115	-0.1					T__						292946	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.64	222.0	Pg	11:00:41.891	0.6					T__						292949	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.64	222.0	Lg	11:00:49.742	-0.1					T__						292948	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.76	251.1	Lg	11:00:53.037	-0.4					T__						292950	FDSN	OE	--	BUD	iLoc	HHN	???	_
EGYH	0.81	160.5	Lg	11:00:55.579	-1.0					T__						292951	FDSN	HU	--	BUD	iLoc	HHN	???	_
KRUC	0.95	338.1	Pg	11:00:44.808	-1.8					T__	91.5					292944	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.95	338.1	Lg	11:01:03.177	2.5					T__						292952	FDSN	CZ	--	BUD	iLoc	HHN	???	_

(Reading ML: 2.0 magdef=1)

(Station ML: 2.0 magdef=0)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/19	12:56:34.93	1.02	0.62	47.9031	16.1042	6.8	4.2	41	0.0f	7	4	138	0.17	1.18	sx	BUD	18005168	BUD				228

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	278.9	Pg	12:56:38.070	-0.4					T__		197.7			ML	1.1	292992	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	278.9	Lg	12:56:41.119	0.2					T__						292993	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.1 magdef=1)

(Station ML: 1.1 magdef=1)

RONA	0.24	147.5	Pg	12:56:39.713	-0.3					T__						292995	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	0.24	147.5	Lg	12:56:43.621	0.1					T__						292994	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	0.76	211.3	Lg	12:57:00.273	1.0					T__						292996	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.18	9.4	Pg	12:56:58.009	0.5					T__	119.6					292998	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.18	9.4	Lg	12:57:14.954	0.1					T__						292997	FDSN	CZ	--	BUD	iLoc	HHN	???	_

(Reading ML: 2.2 magdef=1)

(Station ML: 2.2 magdef=1)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/20	10:16:59.86	1.52	0.52	48.4906	20.7938	10.6	6.3	19	0.0f	6	5	211	0.17	0.87	sx	BUD	18005170	BUD				294

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	271.9	Pg	10:17:03.606	0.1					T__		168.7			ML	1.0	293078	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	271.9	Lg	10:17:06.052	-0.3					T__						293080	FDSN	Z6	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.0 magdef=1)

(Station ML: 1.0 magdef=0)

ABAH	0.36	123.1	Lg	10:17:13.296	-0.2					T__						293081	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.41	206.1	Lg	10:17:15.672	0.3					T__						293082	FDSN	Z6	00	BUD	iLoc	HHN	???	_
PSZ	0.83	226.8	Lg	10:17:29.198	-0.8					T__						293083	FDSN	GE	--	BUD	iLoc	HHN	???	_

ET1H 0.87 225.6 Lg 10:17:30.948 0.1 T\_\_ --- 293079 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
2022/12/20	10:28:42.21	1.21	0.61	48.3515	19.8555	8.1	4.0	126	0.0f	12	7	174		0.43	1.11	sx	BUD	18005172	BUD			231

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	18005172

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.43	176.5	Pg	10:28:51.838	0.1					T__		160.7		---	ML	1.7	293115	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.43	176.5	Lg	10:28:58.101	-0.7					T__				---		293114	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	0.47	178.7	Pg	10:28:52.259	-0.1					T__		125.9		---	ML	1.7	293119	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.47	178.7	Lg	10:28:58.997	-0.7					T__				---		293118	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.48	72.2	Pg	10:28:52.230	0.4					T__		169.4		---	ML	1.9	293110	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.48	201.0	Pg	10:28:52.588	0.2					T__		151.3		---	ML	1.8	293116	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.48	201.0	Lg	10:29:00.495	0.7					T__				---		293117	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.50	116.9	Pg	10:28:52.869	0.0					T__		91.7		---	ML	1.7	293111	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	116.9	Lg	10:29:00.844	-0.2					T__				---		293120	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ABAH	0.93	92.9	Pg	10:29:01.278	0.8					T__		101.4		---	ML	2.0	293112	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.93	92.9	Lg	10:29:14.826	-0.1					T__				---		293113	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
NIE	1.11	15.2	Lg	10:29:18.335	-1.0					T__				---		293121	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
2022/12/20	10:54:14.30	1.49	0.95	47.9190	20.1345	23.8	3.4	159	0.0f	8	5	194		0.16	0.83	sx	BUD	18005174	BUD			205

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	3 BUD	18005174

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.16	269.9	Pg	10:54:18.971	0.6					T__		289.4		---	ML	1.2	293175	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.16	269.9	Lg	10:54:20.497	-1.2					T__				---		293179	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ET1H	0.18	257.4	Pg	10:54:18.989	0.4					T__		424.7		_c_	ML	1.4	293181	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.18	257.4	Lg	10:54:20.839	-1.1					T__				---		293180	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.33	52.1	Pg	10:54:22.038	0.4					T__		98.6		---	ML	1.2	293176	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.33	52.1	Lg	10:54:26.314	-1.0	T__	---	293182	FDSN	Z6	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																
(Station ML: 1.2 magdef=1)																
HU03A	0.36	267.8	Lg	10:54:28.012	0.1	T__	---	293177	FDSN	Z6	00	BUD	iLoc	HHN	???	_
ABAH	0.83	62.6	Lg	10:54:44.183	-0.2	T__	---	293178	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
2022/12/20	13:33:33.44	0.93	0.92	48.2452	21.1840	4.9	4.6	29	0.0f	16	10	85	0.06	1.31	sx	BUD	18005176	BUD				135

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	18005176

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.06	36.1	Pg	13:33:34.528	-0.8					T__		4787.9		---	ML	2.2	293263	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.06	36.1	Lg	13:33:35.760	-1.3					T__				---		293271	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
HU11A	0.32	182.0	Pg	13:33:40.791	0.4					T__		404.9		---	ML	1.8	293264	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU11A	0.32	182.0	Lg	13:33:47.255	1.0					T__				---		293272	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.46	254.6	Pg	13:33:43.164	-0.0					T__		92.9		---	ML	1.5	293267	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	254.6	Lg	13:33:50.797	0.1					T__				---		293266	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	0.50	300.5	Pg	13:33:43.858	0.4					T__		130.2		---	ML	1.8	293265	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	300.5	Lg	13:33:51.272	0.1					T__				---		293273	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU05A	0.69	182.6	Lg	13:33:59.247	-0.3					T__				---		293274	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
TRPA	0.91	96.7	Lg	13:34:04.454	-1.7					T__				---		293275	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.92	249.8	Lg	13:34:06.773	-0.1					T__				---		293276	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.95	247.9	Pg	13:33:53.963	0.6					T__		80.0		---	ML	1.9	293277	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.95	247.9	Lg	13:34:07.376	-0.0					T__				---		293270	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOLS	1.00	46.0	Pg	13:33:53.317	0.8					T__				---		293269	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.00	46.0	Lg	13:34:07.303	-1.4					T__				---		293268	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	1.31	333.9	Lg	13:34:16.272	-1.2					T__				---		293278	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
2022/12/21	08:05:49.63	0.98	1.13	46.0804	22.8865	7.2	4.0	87	0.0f	11	6	107	0.20	1.00	sx	BUD	18005178	BUD				163

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	5 BUD	18005178

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.20	176.6	Pg	08:05:53.791	0.4					T__		1154.3		---	ML	1.9	293331	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.20	176.6	Lg	08:05:55.563	-0.6					T__				---		293332	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

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(Station ML: 1.9 magdef=0
GZR 0.69 186.4 Pg 08:06:03.286 0.4 T__ 104.5 --- ML 1.9 293333 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.69 186.4 Lg 08:06:12.315 -0.4 T__ --- 293335 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
DRGR 0.72 350.4 Pg 08:06:04.891 0.7 T__ 83.1 --- ML 1.8 293337 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.72 350.4 Lg 08:06:14.021 -1.9 T__ --- 293336 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
CJR 0.80 37.6 Lg 08:06:16.879 -1.1 T__ --- 293338 FDSN RO -- BUD iLoc HHN ??? _
LOT 0.88 135.3 Pg 08:06:07.206 0.6 T__ 77.7 --- ML 1.9 293340 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.88 135.3 Lg 08:06:18.892 -0.7 T__ --- 293339 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 1.00 242.9 Pg 08:06:10.042 0.9 T__ 66.7 --- ML 1.9 293334 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.00 242.9 Lg 08:06:21.573 -1.6 T__ --- 293341 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/21	08:48:45.96	1.12	0.78	47.0655	18.0746	6.5	4.9	64	0.0f	6	4	128	0.21	0.38	sx	BUD	18005180	BUD				232

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 0.21 217.0 Pg 08:48:50.629 -0.0 T__ 401.1 --- ML 1.5 293367 FDSN HU -- BUD iLoc HHZ HHZ _
TIH 0.21 217.0 Lg 08:48:54.792 0.3 T__ --- 293366 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A267A 0.30 113.0 Lg 08:48:57.786 -0.2 T__ --- 293371 FDSN Z6 00 BUD iLoc HHN ??? _
HU08A 0.38 344.4 Lg 08:49:00.379 -0.3 T__ --- 293370 FDSN Z6 00 BUD iLoc HHN ??? _
MPLH 0.38 286.2 Pg 08:48:54.646 0.6 T__ 118.8 --- ML 1.4 293369 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.38 286.2 Lg 08:48:59.247 -1.1 T__ --- 293368 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/21	09:05:12.48	1.84	0.82	45.5000	16.5193	14.1	5.2	174	5.0f	20	14	230	0.50	2.16	ke	BUD	18005182	BUD				244

Magnitude Err Nsta Author OrigID  
ML 2.5 0.1 6 BUD 18005182

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Sta 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 0.50 311.4 Lg 09:05:29.737 0.6 T__ --- 293416 FDSN CR -- BUD iLoc BHE ??? _
PTJ 0.56 316.7 Pg 09:05:23.097 -0.7 T__ 142.3 --- ML 2.0 293414 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.56 316.7 Lg 09:05:30.766 -1.2 T__ --- 293415 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
CRES 0.81 294.0 Pg 09:05:28.405 0.2 T__ 112.4 --- ML 2.0 293418 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.81 294.0 Lg 09:05:39.908 -0.1 T__ --- 293417 FDSN SL -- BUD iLoc BHN ??? _

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(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A264A 0.85 39.0 Pg 09:05:29.068 -0.2 T__ 442.2 ___ ML 2.6 293413 FDSN Z6 00 BUD iLoc HHZ HHZ _
A264A 0.85 39.0 Lg 09:05:41.046 0.5 T__ ___ 293412 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
KOGS 0.97 348.9 Pn 09:05:32.830 -0.2 T__ 224.4 ___ ML 2.4 293410 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.97 348.9 Lg 09:05:42.726 -1.0 T__ ___ 293409 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
BEHE 0.99 10.3 Pg 09:05:31.716 0.0 T__ 334.0 ___ ML 2.6 293408 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.99 10.3 Lg 09:05:44.917 0.1 T__ ___ 293419 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A263A 1.27 25.6 Lg 09:05:52.988 -0.6 T__ ___ 293411 FDSN Z6 00 BUD iLoc HHN ??? _
A262A 1.36 0.2 Sn 09:05:57.610 0.5 T__ ___ 293420 FDSN Z6 00 BUD iLoc HHN ??? _
A266A 1.59 49.2 Sn 09:06:02.999 0.3 T__ ___ 293421 FDSN Z6 00 BUD iLoc HHN ??? _
MORH 1.65 63.5 Sn 09:06:03.220 -0.9 T__ ___ 293422 FDSN HU -- BUD iLoc HHN ??? _
OBKA 1.70 307.0 Pg 09:05:45.187 1.6 T__ 124.0 ___ ML 2.5 293424 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.70 307.0 Sn 09:06:06.003 0.4 T__ ___ 293423 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
MPLH 1.81 22.6 Lg 09:06:10.299 -0.6 T__ ___ 293425 FDSN HU -- BUD iLoc HHN ??? _
ARSA 1.88 338.9 Sn 09:06:10.829 0.9 T__ ___ 293426 FDSN OE -- BUD iLoc HHN ??? _
HU08A 2.16 26.2 Sn 09:06:18.397 1.6 T__ ___ 293427 FDSN Z6 00 BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/21 09:38:46.54 0.92 1.25 48.9586 21.2214 6.6 4.6 153 0.0f 13 8 127 0.65 1.57 sx BUD 18005184 BUD 214

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 4 BUD 18005184

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.65 224.5 Pg 09:38:58.475 -0.9 T__ 86.5 ___ ML 1.8 293479 FDSN Z6 -- BUD iLoc HHZ HHZ _
JOS 0.65 224.5 Lg 09:39:08.883 -0.2 T__ ___ 293481 FDSN Z6 -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.66 178.9 Pg 09:39:01.396 1.6 T__ 105.5 ___ ML 1.9 293480 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.66 178.9 Lg 09:39:10.124 -0.6 T__ ___ 293482 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 0.69 91.7 Pg 09:38:59.049 -0.8 T__ ___ 293484 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.69 91.7 Lg 09:39:11.028 -0.0 T__ ___ 293483 FDSN SK -- BUD iLoc HHN ??? _
NIE 0.76 307.6 Lg 09:39:12.622 0.9 T__ ___ 293485 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.96 209.2 Pg 09:39:04.418 -1.7 T__ 70.8 ___ ML 1.9 293478 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 0.96 209.2 Lg 09:39:19.208 -1.1 T__ ___ 293486 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.37 220.8 Pn 09:39:13.058 0.1 T__ 62.7 ___ ML 2.1 293488 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.37 220.8 Sn 09:39:31.975 0.2 T__ ___ 293487 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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ET1H	1.41	220.3	Sn	09:39:33.564	0.9	T__									293489	FDSN	HU	--	BUD	iLoc	HHN	???	_
OJC	1.57	324.3	Lg	09:39:39.439	2.3	T__									293490	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
2022/12/21	17:58:29.10	3.03	0.35	45.8975	21.7183	22.8	7.0	169	5.8	17.9	7	4	247	0.29	1.51	ke	BUD	18005188	BUD			272

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.9	3 BUD	18005188

Sta	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	0.29	194.2	Pg	17:58:34.915	-0.1					T__		105.1		_c_	ML	1.1	293558	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.29	194.2	Lg	17:58:39.237	-0.1					T__						293559	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
BANR	0.66	218.7	Pg	17:58:41.627	-0.2					T__		973.9		___	ML	2.9	293563	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BANR	0.66	218.7	Lg	17:58:51.745	0.5					T__						293560	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
GZR	0.90	123.8	Pg	17:58:46.456	0.2					T__		53.2		___	ML	1.7	293564	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.90	123.8	Lg	17:58:58.661	-0.2					T__						293561	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LOT	1.51	106.6	Sn	17:59:16.762	-0.0					T__						293562	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/22	09:35:17.15	0.78	0.62	48.5118	20.7866	4.8	4.3	172	0.0f		17	9	126	0.17	1.83	sx	BUD	18005190	BUD			144

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	9 BUD	18005190

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	264.5	Pg	09:35:20.139	-0.5					T__		440.4		___	ML	1.4	293651	FDSN	Z6	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	264.5	Lg	09:35:23.645	0.2					T__						293652	FDSN	Z6	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.37	125.4	Pg	09:35:25.143	0.3					T__		104.6		___	ML	1.4	293655	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	125.4	Lg	09:35:31.296	-0.1					T__						293656	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.43	204.2	Pg	09:35:26.275	0.0					T__		60.0		___	ML	1.3	293654	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	204.2	Lg	09:35:34.437	1.2					T__						293653	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	0.84	225.5	Pg	09:35:35.112	0.2					T__		87.7		___	ML	1.9	293660	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	225.5	Lg	09:35:47.419	-0.2					T__						293659	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	0.88	224.4	Pg	09:35:35.550	-0.0					T__		57.6		___	ML	1.8	293658	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.88	224.4	Lg	09:35:48.788	0.3					T__						293657	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									

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(Station ML: 1.8 magdef=1
NIE 0.96 340.7 Pg 09:35:35.605 0.3 T__ 42.0 ___ ML 1.7 293661 FDSN PL -- BUD iLoc BHZ BHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU03A 1.00 233.0 Pg 09:35:38.404 0.6 T__ 88.6 ___ ML 2.0 293663 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU03A 1.00 233.0 Lg 09:35:52.062 -0.5 T__ ___ 293662 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TRPA 1.23 107.4 Pg 09:35:41.755 0.9 T__ 68.7 ___ ML 2.0 293665 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.23 107.4 Sn 09:35:57.531 -1.4 T__ ___ 293664 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
OJC 1.83 339.7 Pn 09:35:49.923 0.1 T__ 119.7 ___ ML 2.6 293667 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.83 339.7 Sn 09:36:13.149 -0.5 T__ ___ 293666 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/22 11:04:58.02 0.86 1.38 48.7233 22.3037 6.0 5.0 79 0.0f 14 7 109 0.09 1.33 sx BUD 18005192 BUD 204

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 4 BUD 18005192

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
UZH 0.09 184.4 Pg 11:05:00.839 0.6 T__ ___ 293736 FDSN UA -- BUD iLoc BHZ ??? _
UZH 0.09 184.4 Lg 11:05:03.359 1.0 T__ ___ 293743 FDSN UA -- BUD iLoc BHN ??? _
KOLS 0.21 354.5 Pg 11:05:02.081 -0.3 T__ ___ 293737 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.21 354.5 Lg 11:05:07.230 1.0 T__ ___ 293742 FDSN SK -- BUD iLoc HHN ??? _
TRPA 0.61 165.1 Pg 11:05:11.263 1.2 T__ 91.8 ___ ML 1.8 293739 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.61 165.1 Lg 11:05:17.618 -2.9 T__ ___ 293738 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.83 239.3 Pg 11:05:14.169 -0.2 T__ 69.8 ___ ML 1.8 293730 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.83 239.3 Lg 11:05:28.192 0.4 T__ ___ 293731 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MEZ 0.83 104.2 Pg 11:05:14.700 0.6 T__ ___ 293740 FDSN UA -- BUD iLoc BHZ ??? _
MEZ 0.83 104.2 Lg 11:05:24.195 -2.4 T__ ___ 293741 FDSN UA -- BUD iLoc BHN ??? _
JOS 1.19 259.7 Pg 11:05:20.998 -0.5 T__ 54.2 ___ ML 1.9 293733 FDSN Z6 -- BUD iLoc HHZ HHZ _
JOS 1.19 259.7 Sn 11:05:39.549 0.7 T__ ___ 293732 FDSN Z6 -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 1.33 243.7 Pn 11:05:23.116 -0.8 T__ 46.0 ___ ML 1.9 293734 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 1.33 243.7 Sn 11:05:43.274 1.0 T__ ___ 293735 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/22 11:22:03.76 0.99 0.27 46.1092 18.0554 6.0 3.7 135 0.0f 8 4 158 0.04 0.44 sx BUD 18005194 BUD 255

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Magnitude Err Nsta Author OrigID  
 ML 1.5 0.4 4 BUD 18005194

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.04	123.9	Pg	11:22:05.359	0.1					T__		934.3		---	ML	1.4	293770	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.04	123.9	Lg	11:22:06.710	-0.0					T__				---		293771	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A273A	0.25	220.9	Pg	11:22:09.540	0.2					T__		513.3		---	ML	1.7	293773	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.25	220.9	Lg	11:22:12.927	-0.4					T__				---		293772	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MORH	0.42	75.3	Pg	11:22:12.681	0.0					T__		45.8		---	ML	1.1	293774	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.42	75.3	Lg	11:22:19.281	-0.2					T__				---		293775	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A266A	0.44	19.1	Pg	11:22:13.091	-0.0					T__		270.5		---	ML	2.0	293777	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.44	19.1	Lg	11:22:20.468	0.3					T__				---		293776	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/22	12:15:26.09	0.99	0.86	47.9946	16.6363	5.4	4.0	116	0.0f		13	10	94	0.32	1.08	sx	BUD	18005196	BUD			151

Magnitude Err Nsta Author OrigID

Sta	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	0.32	189.6	Lg	12:15:38.651	1.4					T__				---		293813	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.37	217.9	Pg	12:15:33.100	-0.6					T__				---		293810	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.37	217.9	Lg	12:15:37.804	-1.1					T__				---		293809	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.52	263.0	Pg	12:15:36.521	-0.1					T__		89.8		---	ML	1.7	293807	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.52	263.0	Lg	12:15:43.920	0.3					T__				---		293808	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MODS	0.57	48.3	Lg	12:15:47.054	-0.2					T__				---		293814	FDSN	SK	--	BUD	iLoc	HHN	???	_	
AO11B	0.74	218.2	Lg	12:15:49.681	-0.4					T__				---		293815	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
AO13A	0.83	275.2	Lg	12:15:52.959	0.2					T__				---		293816	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	1.03	143.1	Lg	12:16:01.863	0.4					T__				---		293818	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.06	225.7	Lg	12:16:00.988	1.2					T__				---		293817	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO18A	1.08	257.1	Lg	12:16:01.723	1.2					T__				---		293819	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.08	351.6	Pg	12:15:47.234	0.4					T__		71.1		---	ML	2.0	293812	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.08	351.6	Lg	12:16:02.352	-0.4					T__				---		293811	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/22	17:54:11.47	2.64	1.22	47.5771	22.6775	34.0	20.0	76	35.0f		6	4	187	0.56	1.70	ke	BUD	18005198	BUD			312

Magnitude Err Nsta Author OrigID

Sta	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	0.56	350.5	Pn	17:54:22.900	0.3					T__		69.6		---	ML	1.7	293853	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.56	350.5	Sn	17:54:30.962	-0.7					T__				---		293854	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.79	178.3	Sn	17:54:37.144	-0.1					T__				---		293858	FDSN	RO	--	BUD	iLoc	HHN	???	_	
ABAH	1.21	307.2	Pn	17:54:31.176	-0.2					T__		87.0		---	ML	2.1	293856	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.21	307.2	Sn	17:54:45.801	-1.0					T__				---		293855	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	1.70	303.4	Sn	17:55:00.342	1.7					T__				---		293857	FDSN	Z6	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/23	12:08:23.55	3.36	0.95	45.7718	17.2793	81.0	6.5	170	15.0f		8	4	208	0.65	1.28	ke	BUD	18005204	BUD			214

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	3 BUD	18005204

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.65	60.8	Pg	12:08:36.353	-0.3					T__		40.8		---	ML	1.5	293996	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PTJ	0.93	278.9	Lg	12:08:55.600	0.9					T__				---		293995	FDSN	CR	--	BUD	iLoc	BHN	???	_	
MORH	1.05	64.5	Pg	12:08:44.134	0.3					T__		38.4		---	ML	1.7	293994	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.05	64.5	Sn	12:08:58.207	1.2					T__				---		293997	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CRES	1.28	273.1	Pn	12:08:46.006	-0.3					T__		47.6		---	ML	1.9	293999	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.28	273.1	Pg	12:08:47.132	0.1					T__				---		294000	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
CRES	1.28	273.1	Sn	12:09:03.241	0.3					T__				---		293998	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CRES	1.28	273.1	Lg	12:09:04.840	-1.4					T__				---		294001	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/25	04:52:33.47	1.02	0.78	47.4247	18.2378	6.5	4.6	35	9.0f		5	3	141	0.06	0.24	ke	BUD	18005216	BUD			254

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.06	165.9	Pg	04:52:36.032	0.2					T__		706.4		---	ML	1.3	294367	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	165.9	Lg	04:52:37.604	-0.3					T__				---		294368	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU08A	0.21	271.9	Pg	04:52:38.660	0.5					T__		67.8		---	ML	0.7	294370	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.21	271.9	Lg	04:52:41.220	-0.8					T__				---		294369	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU09A	0.24	24.6	Lg	04:52:42.501	-0.4					T__				---		294371	FDSN	Z6	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
2022/12/25	04:58:27.45	0.93	0.74	47.4472	18.2218	4.1	3.5	121	5.0f	8	5	133	0.09	0.59	ke	BUD	18005218	BUD				257

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.7	3 BUD	18005218

Sta	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	162.6	Pg	04:58:29.604	-0.1					T__		2210.9		___	ML	1.9	294393	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	162.6	Lg	04:58:31.079	-0.7					T__				---		294397	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU08A	0.20	265.6	Pg	04:58:31.699	-0.1					T__		79.7		___	ML	0.8	294395	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.20	265.6	Lg	04:58:34.779	-0.6					T__				---		294394	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
HU09A	0.22	29.6	Pg	04:58:32.127	0.0					T__		196.6		___	ML	1.2	294396	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.22	29.6	Lg	04:58:36.211	0.2					T__				---		294398	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MPLH	0.54	239.4	Lg	04:58:46.815	0.5					T__				---		294400	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TIH	0.59	202.4	Lg	04:58:49.203	1.3					T__				---		294399	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	
2022/12/25	18:10:54.48	2.58	1.00	45.5778	16.0665	17.9	8.9	144	5.0f	10	5	292	0.26	1.41	ke	BUD	18005220	BUD					312

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	18005220

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.26	347.4	Pg	18:10:59.834	0.2					T__		492.9		___	ML	1.7	294455	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.26	347.4	Lg	18:11:04.067	0.7					T__				---		294451	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PTJ	0.34	348.2	Pg	18:11:00.711	-0.8					T__		62.0		___	ML	1.0	294459	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.34	348.2	Lg	18:11:05.237	-1.5					T__				---		294452	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
CRES	0.49	300.4	Pg	18:11:03.762	-0.4					T__		37.5		___	ML	1.2	294454	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.49	300.4	Lg	18:11:11.593	0.2					T__				---		294453	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KOGS	0.88	8.3	Pg	18:11:11.084	-0.5					T__		56.7		___	ML	1.7	294460	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.88	8.3	Lg	18:11:24.724	1.7					T__				---		294456	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
OBKA	1.41	311.9	Pn	18:11:21.571	0.4					T__		69.7		___	ML	2.1	294457	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.41	311.9	Sn	18:11:40.690	0.3					T__				---		294458	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/26	02:13:19.71	3.79	0.57	45.6213	17.7814	24.8	11.8	30	0.0f	8	5	315	0.30	0.97	ke	BUD	18005222	BUD				335

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	18005222

Sta	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	4.7	Pg	02:13:26.258	0.1				T__		184.0			___	ML	1.4	294490	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.30	4.7	Lg	02:13:30.887	0.1				T__					---		294491	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOVH	0.52	25.4	Pg	02:13:30.459	-0.2				T__		54.0			___	ML	1.5	294495	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A265A	0.80	0.7	Pn	02:13:36.339	-0.8				T__		102.0			___	ML	2.0	294492	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.80	0.7	Lg	02:13:48.186	0.5				T__					---		294493	FDSN	Z6	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	0.85	45.1	Pg	02:13:37.238	0.4				T__		39.2			___	ML	1.6	294494	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.85	45.1	Lg	02:13:49.169	-0.5				T__					---		294496	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A266A	0.97	20.2	Sn	02:13:53.769	-0.5				T__					---		294497	FDSN	Z6	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
2022/12/27	12:20:13.35	1.06	0.48	47.8878	16.0953	8.2	3.8	38	0.0f	7	5	134	0.16	1.19	sx	BUD	18005230	BUD				213

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	284.5	Pg	12:20:16.635	-0.2				T__		143.3			___	ML	0.9	294681	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	284.5	Lg	12:20:19.073	-0.2				T__					---		294682	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
RONA	0.23	144.2	Pg	12:20:18.346	0.1				T__					---		294683	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.23	144.2	Lg	12:20:21.168	-0.5				T__					---		294684	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A013A	0.50	291.1	Lg	12:20:29.783	0.4				T__					---		294687	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.75	211.5	Lg	12:20:37.676	0.5				T__					---		294685	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.19	9.5	Lg	12:20:54.183	0.4				T__					---		294686	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/27	17:42:33.47	0.85	0.83	48.2272	21.5007	7.4	4.6	22	22.2	7.4	12	8	104	0.19	1.14	ke	BUD	18005232	BUD			165

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	18005232

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.19	291.7	Pb	17:42:39.065	0.1				T__		98.1			_d	ML	0.8	294745	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.19	291.7	Sb	17:42:42.679	-0.5				T__					---		294737	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
HU07A 0.37 131.4 Pb 17:42:42.059 0.3 T__ 176.8 ___ ML 1.6 294736 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU07A 0.37 131.4 Sb 17:42:48.159 0.0 T__ ___ 294738 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU11A 0.38 216.5 Pn 17:42:43.273 -0.3 T__ 339.2 ___ ML 1.9 294739 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU11A 0.38 216.5 Sn 17:42:50.532 0.4 T__ ___ 294740 FDSN Z6 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.66 261.2 Pn 17:42:47.631 0.1 T__ 63.2 ___ ML 1.7 294743 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 0.66 261.2 Sn 17:42:57.424 0.1 T__ ___ 294742 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 0.70 97.5 Sn 17:42:56.444 -1.7 T__ ___ 294741 FDSN HU -- BUD iLoc HHN ??? _
HU05A 0.72 200.0 Pb 17:42:48.560 0.0 T__ 282.3 ___ ML 2.4 294746 FDSN Z6 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
KOLS 0.87 35.7 Sn 17:43:03.398 0.9 T__ ___ 294744 FDSN SK -- BUD iLoc HHN ??? _
HU12A 1.14 203.8 Sb 17:43:13.195 1.0 T__ ___ 294747 FDSN Z6 00 BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2022/12/27 23:19:24.28 0.87 0.70 48.1028 20.8289 5.7 3.3 179 5.2 11.5 11 8 139 0.20 1.15 ke BUD 18005234 BUD 172

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Magnitude Err Nsta Author OrigID
ML 1.2 0.5 3 BUD 18005234

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.20 275.6 Pg 23:19:29.123 0.2 T__ 107.9 ___ ML 0.9 294783 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU02A 0.20 275.6 Lg 23:19:32.480 -0.1 T__ ___ 294784 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
HU11A 0.29 128.0 Pg 23:19:30.374 0.0 T__ 303.7 ___ ML 1.6 294782 FDSN Z6 00 BUD iLoc HHZ HHZ _
HU11A 0.29 128.0 Lg 23:19:35.837 0.5 T__ ___ 294781 FDSN Z6 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.34 54.7 Pg 23:19:31.539 0.4 T__ 95.0 ___ ML 1.2 294779 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.34 54.7 Lg 23:19:35.559 -1.2 T__ ___ 294780 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.65 254.0 Lg 23:19:48.357 0.3 T__ ___ 294785 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.68 251.2 Lg 23:19:47.375 -1.1 T__ ___ 294786 FDSN HU -- BUD iLoc HHN ??? _
HU07A 0.74 99.1 Lg 23:19:50.554 0.1 T__ ___ 294787 FDSN Z6 00 BUD iLoc HHN ??? _
HU12A 0.92 180.1 Lg 23:19:56.432 -0.0 T__ ___ 294788 FDSN Z6 00 BUD iLoc HHN ??? _
TRPA 1.15 88.0 Sn 23:20:02.834 -0.1 T__ ___ 294789 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
2022/12/29 04:07:36.60 0.96 0.17 47.5458 16.2530 6.5 3.4 135 7.0f 8 6 136 0.16 0.74 ke BUD 18005242 BUD 179

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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	
RONA	0.16	10.8	Pg	04:07:40.317	0.1					T__						294984	FDSN	OE	--	BUD	iLoc	HHZ	???	_	
RONA	0.16	10.8	Lg	04:07:42.690	-0.1					T__						294986	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A011B	0.24	235.6	Pg	04:07:41.632	-0.0					T__		41.2		___	ML	0.6	294985	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.24	235.6	Lg	04:07:44.861	-0.1					T__				---		294987	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
SOP	0.25	56.2	Lg	04:07:45.174	-0.3					T__				---		294988	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.46	325.5	Lg	04:07:52.206	-0.1					T__				---		294989	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.58	239.5	Lg	04:07:55.367	0.2					T__				---		294990	FDSN	OE	--	BUD	iLoc	HHN	???	_	
EGYH	0.74	99.6	Lg	04:08:02.168	0.1					T__				---		294991	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
2022/12/29	09:42:34.08	1.04	1.87	45.9472	22.6967	6.2	5.1	64	0.0f		8	5	113	0.16	0.90	sx	BUD	18005244	BUD			227

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	18005244

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.16	113.8	Pg	09:42:36.983	-0.1					T__		563.5		___	ML	1.5	295039	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	113.8	Lg	09:42:39.600	0.3					T__				---		295035	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
GZR	0.56	174.2	Pg	09:42:45.048	0.2					T__		48.0		___	ML	1.5	295040	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.56	174.2	Lg	09:42:53.178	0.4					T__				---		295041	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
BZS	0.82	246.8	Lg	09:43:00.983	-1.0					T__				---		295036	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	0.84	0.7	Pg	09:42:52.072	1.0					T__		43.5		___	ML	1.6	295042	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.84	0.7	Lg	09:42:59.914	-3.9					T__				---		295037	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
LOT	0.90	123.2	Lg	09:43:04.109	-0.5					T__				---		295038	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/31	00:02:16.08	1.23	0.85	45.5186	16.0425	8.5	5.7	12	5.0f		20	14	173	0.31	1.95	ke	BUD	18005252	BUD			235

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	6 BUD	18005252

Sta	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	0.31	352.8	Pg	00:02:21.853	-0.5					T__		1043.7		___	ML	2.2	295230	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.31	352.8	Lg	00:02:27.263	0.5					T__				---		295229	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
PTJ	0.39	352.4	Pg	00:02:23.157	-1.0					T__		240.5		___	ML	1.8	295227	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.39	352.4	Lg	00:02:28.952	-1.1					T__				---		295228	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

CRES	0.51	307.0	Pg	00:02:25.616	-0.5	T__	88.5	___	ML	1.7	295231	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.51	307.0	Lg	00:02:33.891	0.3	T__		---			295239	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.7 magdef=1																
				(Station ML: 1.7 magdef=0																
KOGS	0.94	8.8	Pg	00:02:34.255	0.0	T__	130.9	___	ML	2.1	295232	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
KOGS	0.94	8.8	Lg	00:02:48.260	1.8	T__		---			295240	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 2.1 magdef=1																
				(Station ML: 2.1 magdef=1																
BEHE	1.08	28.0	Pg	00:02:36.778	-0.1	T__	182.5	___	ML	2.4	295233	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BEHE	1.08	28.0	Lg	00:02:52.537	1.1	T__		---			295242	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.4 magdef=1																
				(Station ML: 2.4 magdef=1																
A264A	1.08	53.2	Lg	00:02:51.811	0.1	T__		---			295241	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
BLY	1.12	133.2	Lg	00:02:51.361	-1.0	T__		---			295238	FDSN	MN	--	BUD	iLoc	HHN	???	_	
A273A	1.30	71.6	Lg	00:02:57.904	-0.4	T__		---			295237	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
A263A	1.43	37.8	Sn	00:03:01.411	-0.9	T__		---			295234	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
OBKA	1.44	314.1	Pn	00:02:43.877	0.7	T__	178.4	___	ML	2.6	295236	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
OBKA	1.44	314.1	Lg	00:03:03.292	0.8	T__		---			295235	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.6 magdef=1																
				(Station ML: 2.6 magdef=0																
A265A	1.52	52.8	Sn	00:03:04.632	0.1	T__		---			295243	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
ARSA	1.77	348.5	Sn	00:03:11.221	0.5	T__		---			295244	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A011B	1.89	358.3	Lg	00:03:16.015	-0.5	T__		---			295245	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MORH	1.95	68.1	Sn	00:03:16.139	1.1	T__		---			295246	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
2022/12/31	04:35:25.59	0.92	1.01	46.1086	17.0157	5.3	3.9	16	7.7	7.3	25	17	81	0.20	1.54	ke	BUD	18005256	BUD			147

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	8 BUD	18005256

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A264A	0.20	74.9	Pg	04:35:29.798	-0.2					T__		226.2		_d	ML	1.2	295463	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.20	74.9	Lg	04:35:33.517	0.4					T__				---		295464	FDSN	Z6	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=0																					
BEHE	0.40	335.4	Lg	04:35:39.707	0.3					T__				---		295448	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A263A	0.57	21.2	Pg	04:35:37.507	0.4					T__	245.0			---	ML	2.2	295452	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.57	21.2	Lg	04:35:46.804	1.8					T__				---		295465	FDSN	Z6	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.2 magdef=1																					
				(Station ML: 2.2 magdef=1																					
A273A	0.59	108.7	Pg	04:35:37.515	0.0					T__	218.4			---	ML	2.2	295466	FDSN	Z6	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.59	108.7	Sn	04:35:48.717	-1.4					T__				---		295449	FDSN	Z6	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1																					
				(Station ML: 2.2 magdef=1																					
KOGS	0.63	302.9	Pg	04:35:38.660	0.6					T__	120.0			---	ML	1.9	295450	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.63	302.9	Lg	04:35:46.615	0.3					T__				---		295451	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.9 magdef=1																					
				(Station ML: 1.9 magdef=1																					
KOVH	0.75	91.2	Pg	04:35:39.780	-0.8					T__	107.6			---	ML	2.0	295467	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.75	91.2	Lg	04:35:51.917	1.3					T__				---		295447	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1																					







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