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# Hungarian National Seismological Bulletin

## 2021

*Authors:*

Bálint Süle (editor)  
Csenge Czanik  
Barbara Czece  
Tibor Czifra  
Csilla Fodor  
Katalin Gribovszki  
Anett Gyarmati  
Erzsébet Győri  
Dániel Kalmár  
Márta Kiszely  
István Kovács János  
Máté Timkó  
Péter Varga  
Zoltán Wéber

Institute of Earth Physics and Space Science  
Kövesligethy Radó Seismological Observatory  
Budapest, Hungary  
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# Foreword

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

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

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



# 1. The Hungarian National Seismological Network

## Seismological stations and data collection

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

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

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

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

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

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

Station	Lat. (°N)	Lon. (°E)	Height (m)	Sensor <sup>a</sup>	Acquisition <sup>b</sup>	Org. <sup>c</sup>	Period <sup>d</sup>
ABAH Abaujkér	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	EPSS	01.01-02.25 02.25-12.31
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 Kővágóottös	46.0883	18.0999	270	STS-2.5	PS-6-24 and SeisComP PC	EPSS	01.01-12.31
LTVH Létavértes	47.3849	21.9007	121	CMG-3T	DM24S3	EPSS	01.01-12.31
MORH Mórággy	46.2149	18.6435	135	STS-2	DM24S3	EPSS	01.01-12.31
MPLH Magyarpolány	47.1712	17.5348	337	STS-2.5	PS-6-24 and SeisComP PC	EPSS	01.01-12.31
PSZ Piszkéstető	47.9181	19.8933	940	STS-2	PS-6-24 and SeisComP PC	GEOFON EPSS	01.01-12.31
SOP Sopron	47.6807	16.5567	260	STS-2	PS-6-24 and SeisComP PC	EPSS	01.01-12.31
TIH Tihany	46.9001	17.8878	189	CMG-3T	DM24S3	MBFSZ EPSS	01.01-12.31
TRPA Tarpa	48.1304	22.5391	113	STS-2	DM24S3	EPSS	01.01-12.31

<sup>a</sup> Sensors:

CMG-3T – Guralp CMG-3T broadband seismometer  
 STS-2 and STS-2.5 – Streckeisen broadband seismometers

<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  
 MBFSZ – Mining and Geological Survey of Hungary

<sup>d</sup> Availability period in 2021

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

Station	Lat. (°N)	Lon. (°E)	Height (m)	Sensor <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	01.01-12.31
HU05A Hortobágy	47.5514	21.1376	91	CMG-3T	DM24S3	EPSS	01.01-12.31
HU06A Eperjes	46.7123	20.5675	79	CMG-3T	DM24S3	EPSS	01.01-12.31
HU07A Apagy	47.9811	21.9143	118	CMG-3T	DM24S3	EPSS	01.01-12.31
HU08A Réde	47.6386	18.3824	195	CMG-3T	DM24S3	EPSS	01.01-12.31
HU09A Baj	47.4313	17.9238	201	CMG-3T	DM24S3	EPSS	01.01-12.31
HU10A Szokolya	47.8452	19.0186	152	CMG-3T	DM24S3	EPSS	01.01-12.31
HU21A Pusztamérges	46.3329	19.729	163	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
HU22A Érsekhalma	46.3278	19.1311	135	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
HU23A Bernáthegy	47.6389	20.2496	158	Horizon120	Centaur	DSEBRA EPSS	01.01-12.31
HU24A Bélmegyér	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 2021

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

Station	Lat. (°N)	Lon. (°E)	Height (m)	Sensor <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
ATAN3 Átány	47.6116	20.3561	92	Horizon120	Centaur	EPSS	01.01-12.31
TENKA Tenk	47.6543	20.348	100	Horizon120	Centaur	EPSS	01.01-12.31
MSW1 Pusztavám	47.3929	18.259	141	LE-3D	DM24S3	EPSS	01.01-12.31
MSW2 Fehérvárcsurgó	47.3023	18.2109	286	LE-3D CMG-3ESP	DM24S3 CMG-3ESP	EPSS	01.01-05.05 05.05-12.31
MSW3 Tímárpusztá	47.3831	18.1261	199	LE-3D	DM24S3	EPSS	01.01-12.31
BADH Badacsonytördemic	46.8053	17.4726	158	Horizon120	Centaur	EPSS	08.05-12.31

<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 2021

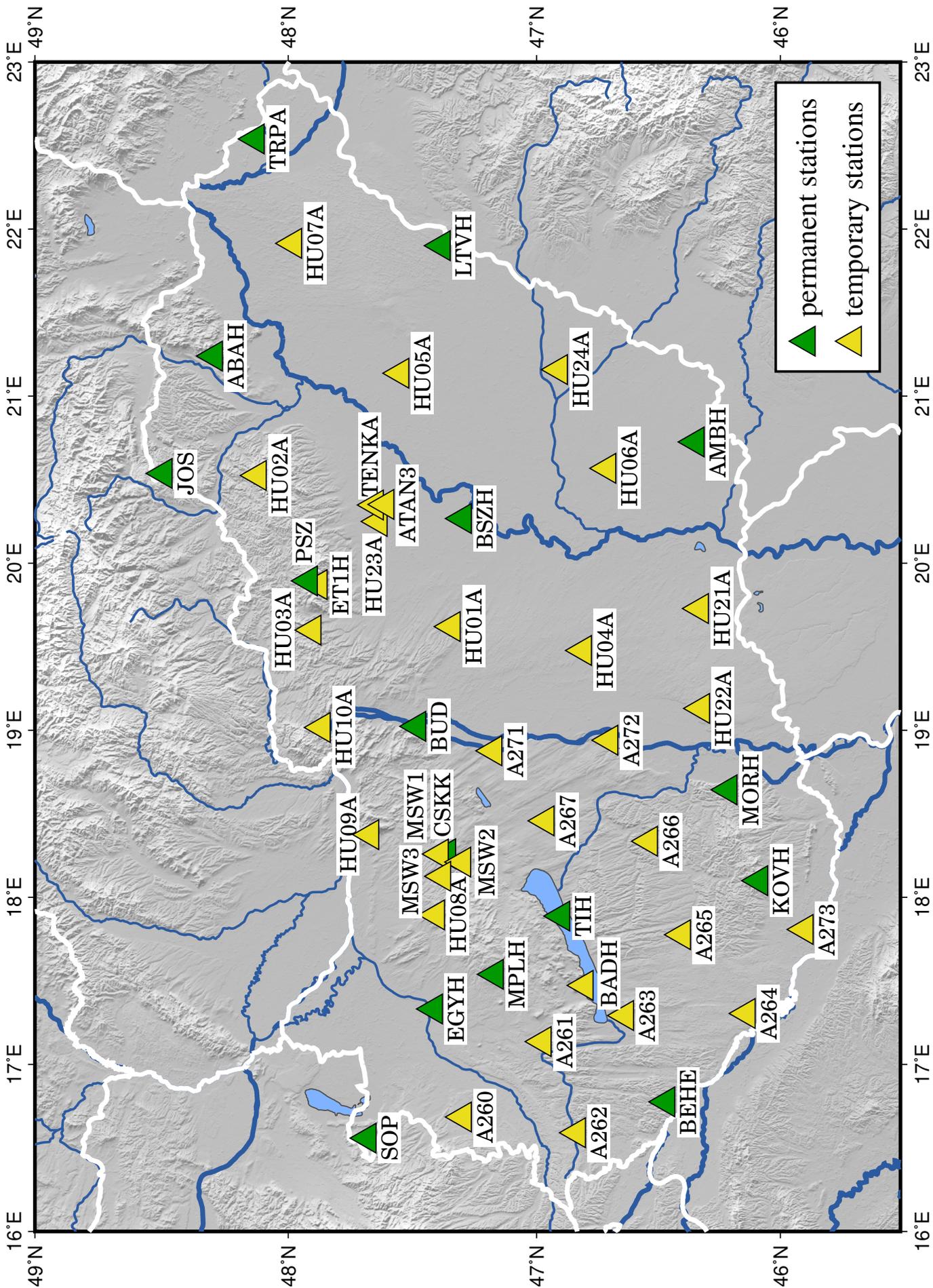


Figure 1.1: Permanent and temporary stations of the Hungarian National Seismological Network in 2021

## Data processing

### The iLoc location algorithm

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

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

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

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

### Location procedure

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

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

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

## 2. Local events

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CHAPTER 2. LOCAL EVENTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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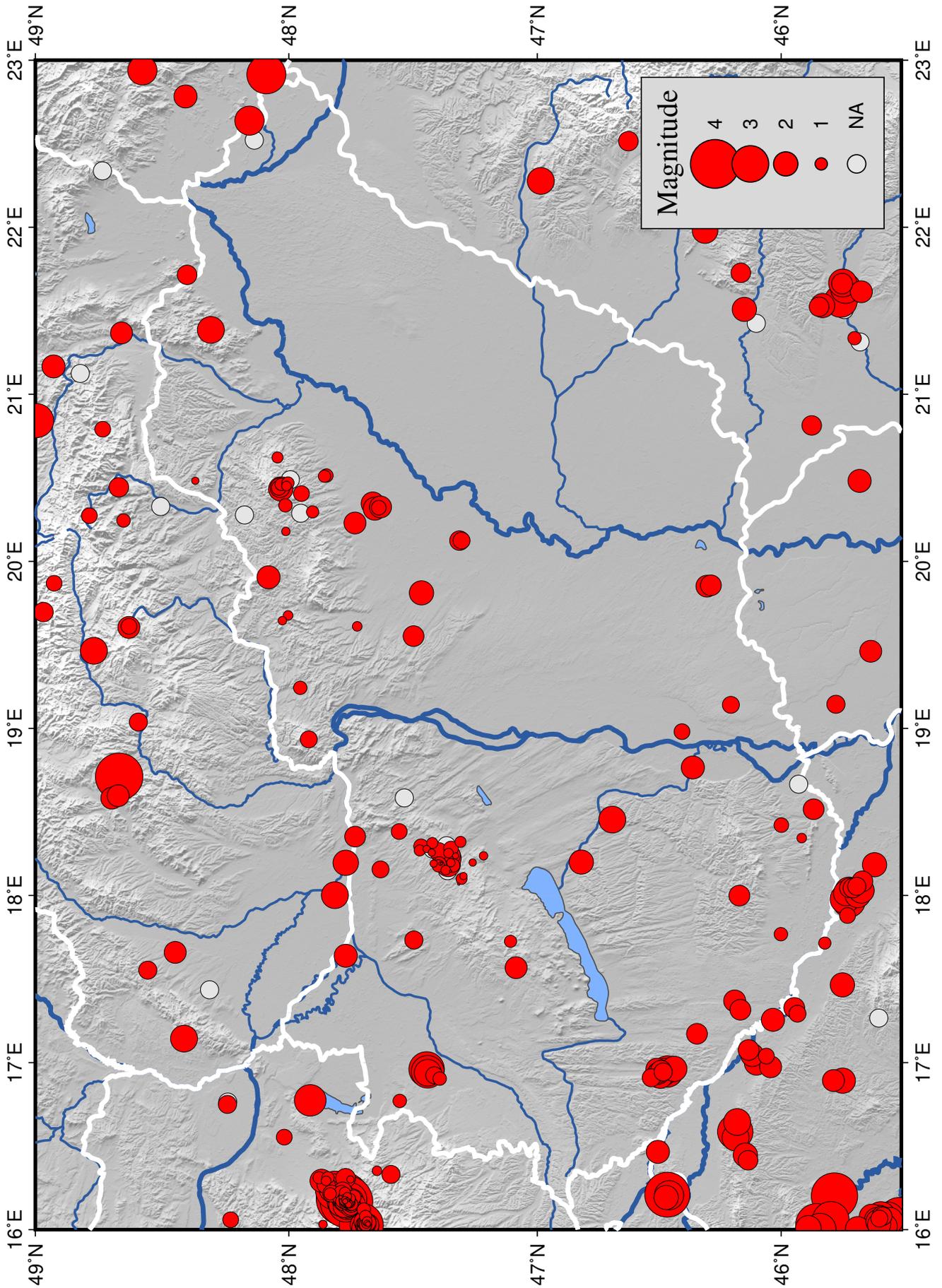


Figure 2.1: The epicenters of the located earthquakes in 2021. The earthquakes with unknown magnitudes are marked by gray circles.

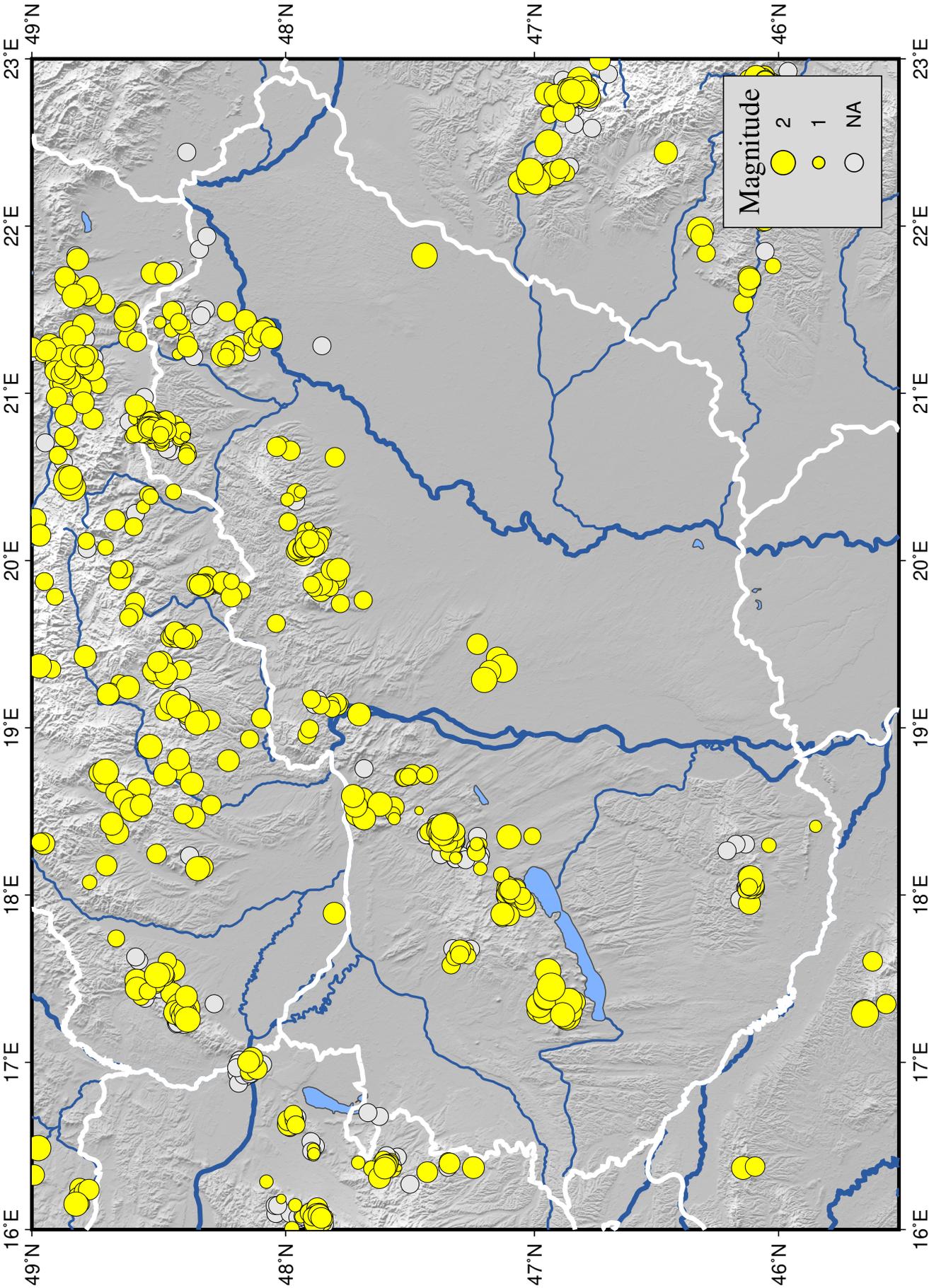


Figure 2.2: The epicenters of the located explosions in 2021. The explosions with unknown magnitudes are marked by gray circles.

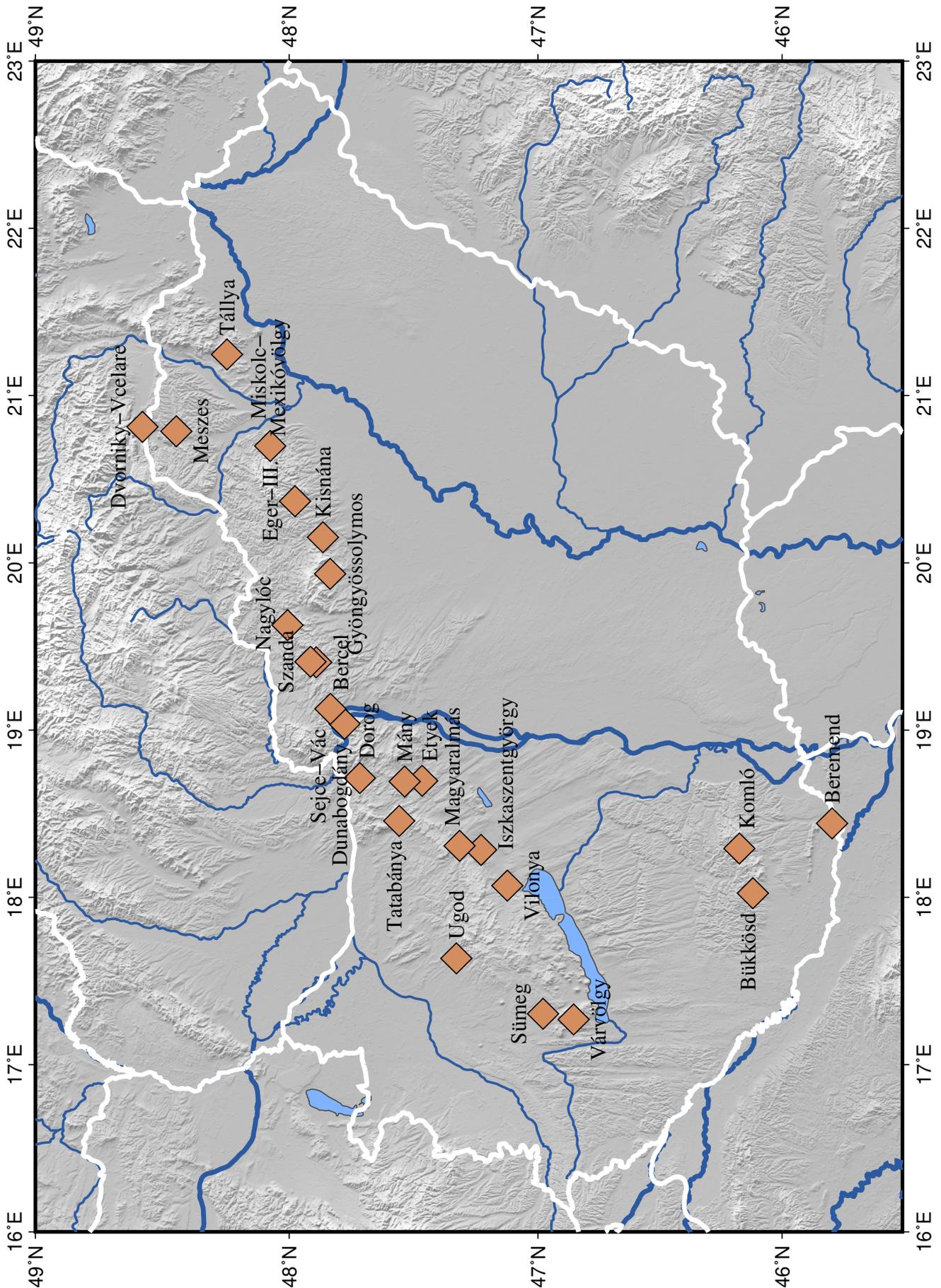


Figure 2.3: The location of the quarries with identified explosions (ground truth events).

### 3. Macroseismic data

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

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

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

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

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

2021.01.06 17:01 – Croatia

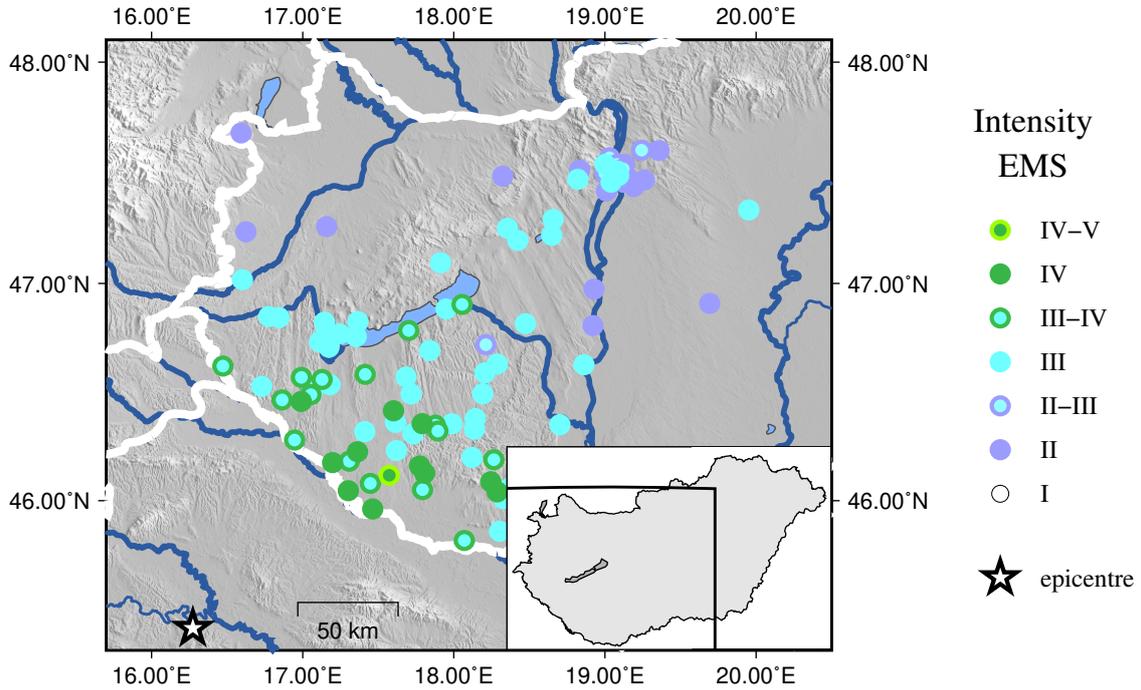


Figure 3.1:

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

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

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

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

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

2021.01.09 21:29 – Croatia

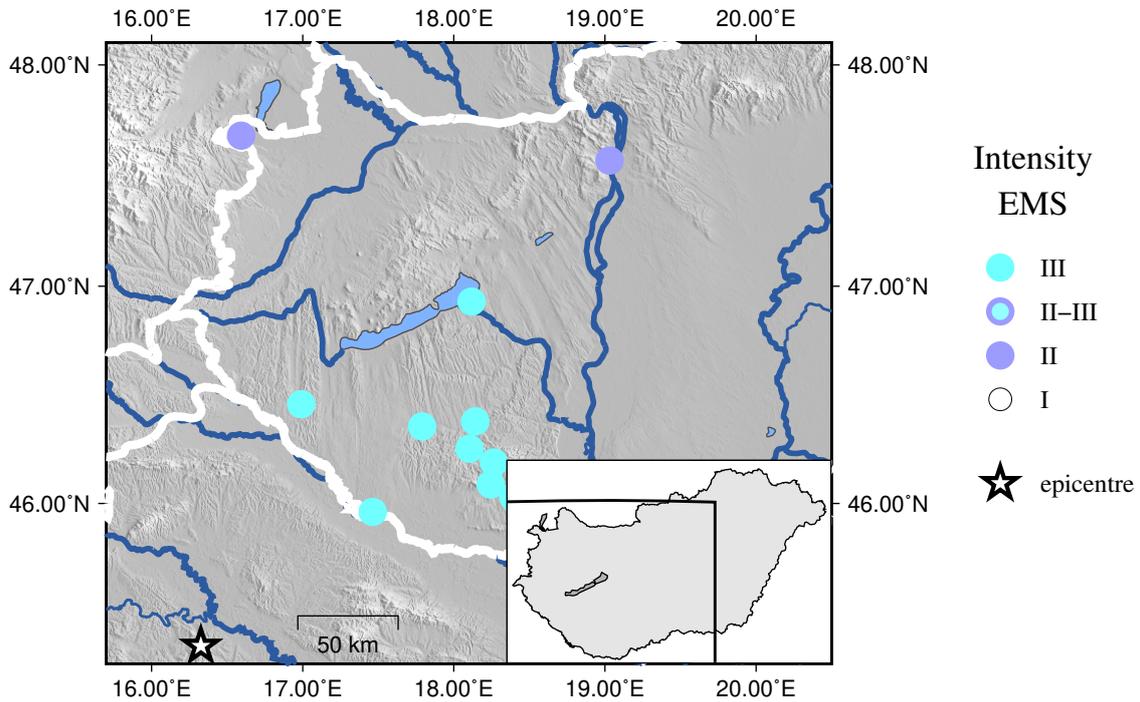


Figure 3.2:

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

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

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

2021.03.02 03:12 – Sormás

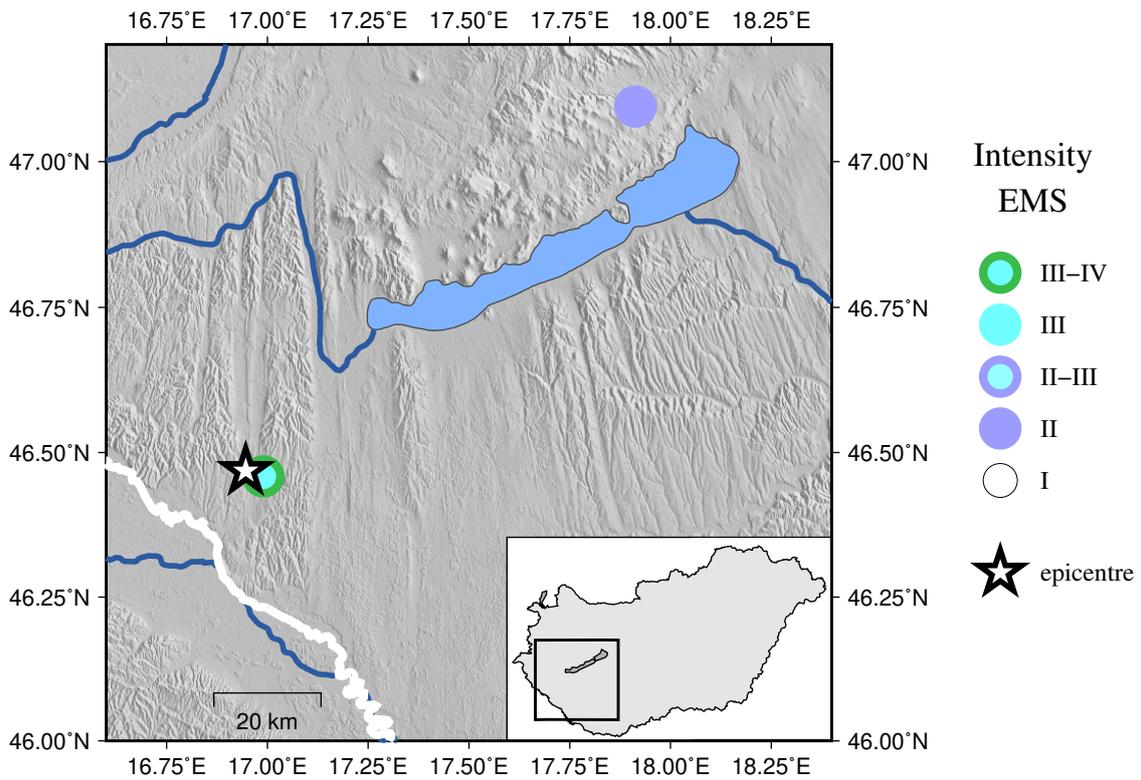


Figure 3.3:

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

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

Table 3.4:

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

2021.03.30 16:25 – Austria

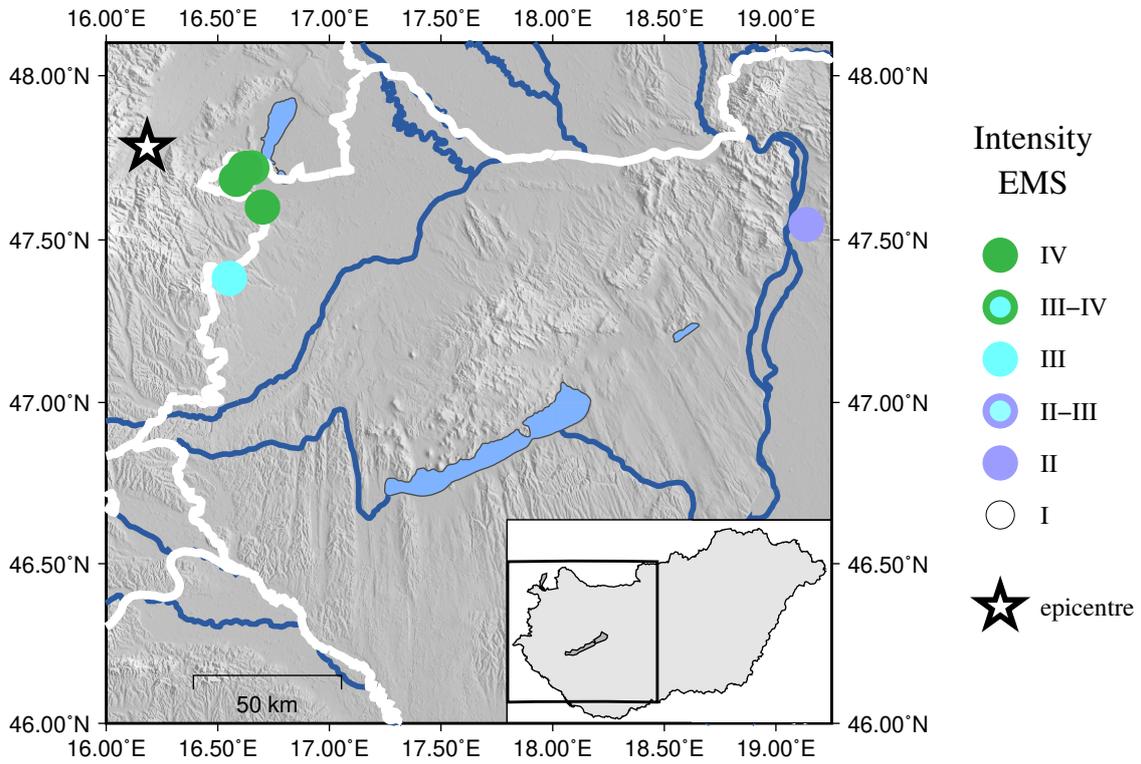


Figure 3.4:

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

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

Table 3.5:

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

2021.04.19 22:57 – Austria

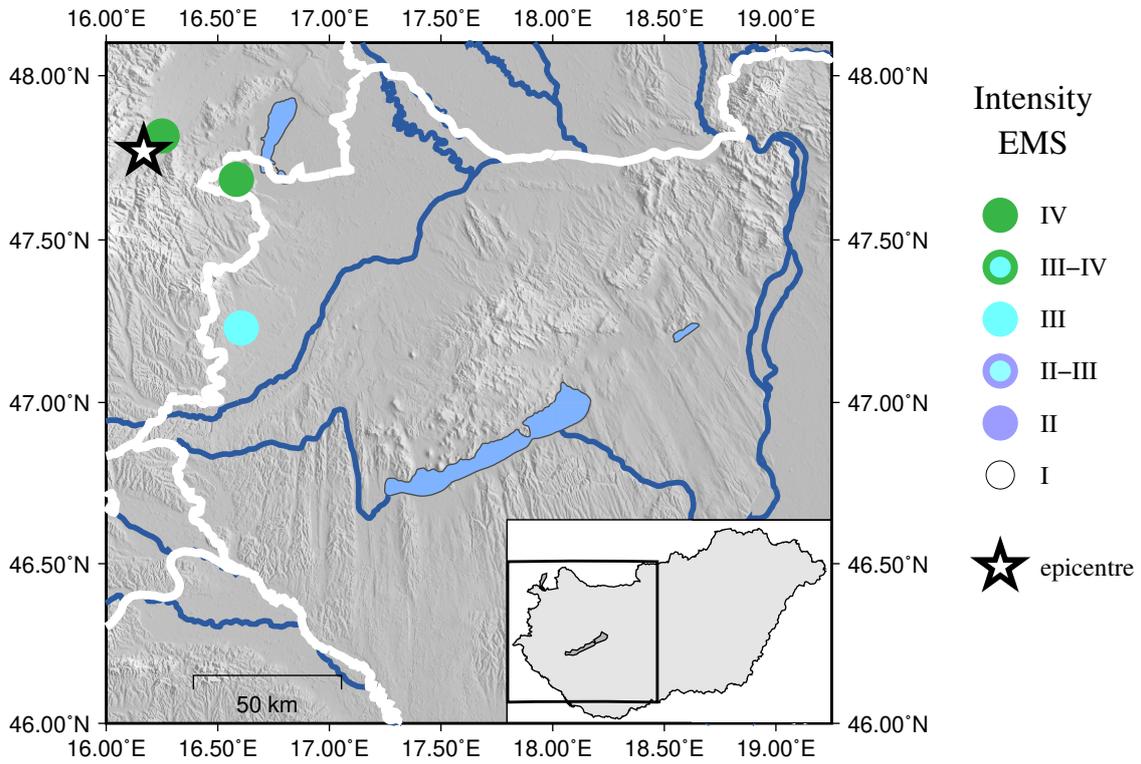


Figure 3.5:

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

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

Table 3.6:

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

2021.08.29 21:57 – Slovakia

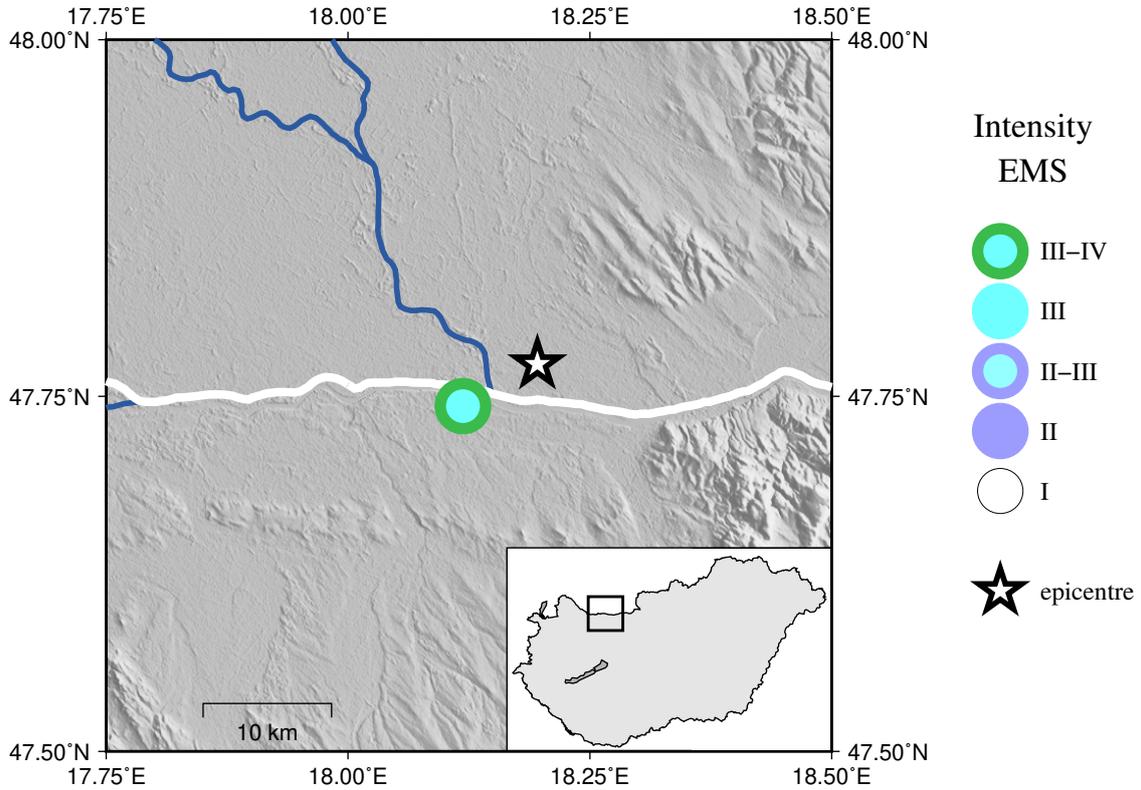


Figure 3.6:

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

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

Table 3.7:

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

2021.09.18 03:05 – Iván

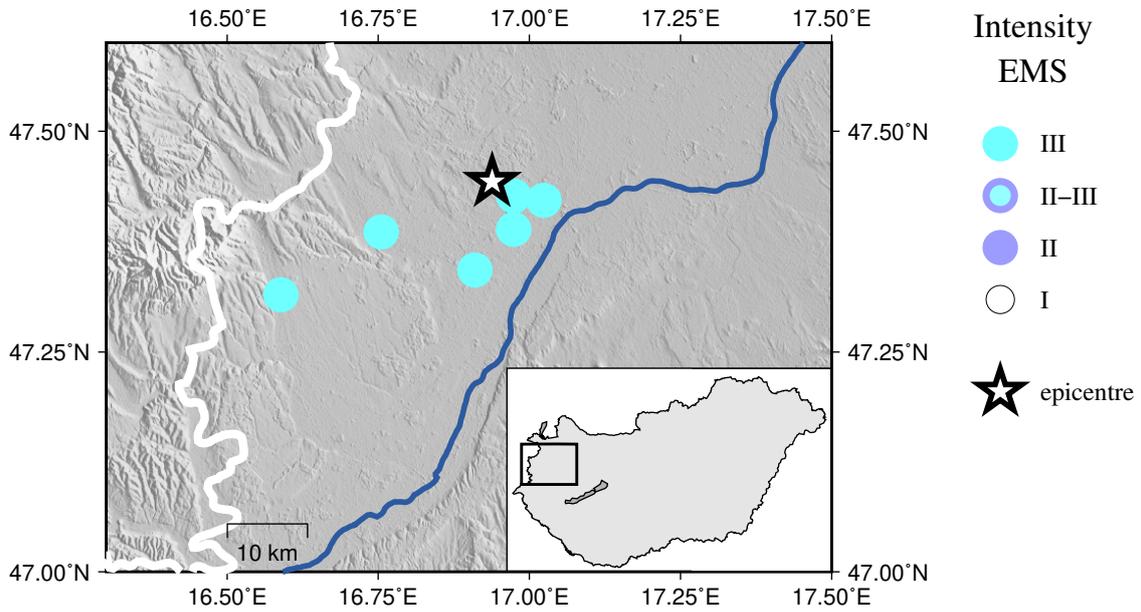


Figure 3.7:

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

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

Table 3.8:

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

2021.09.18 03:07 – Répceszemere

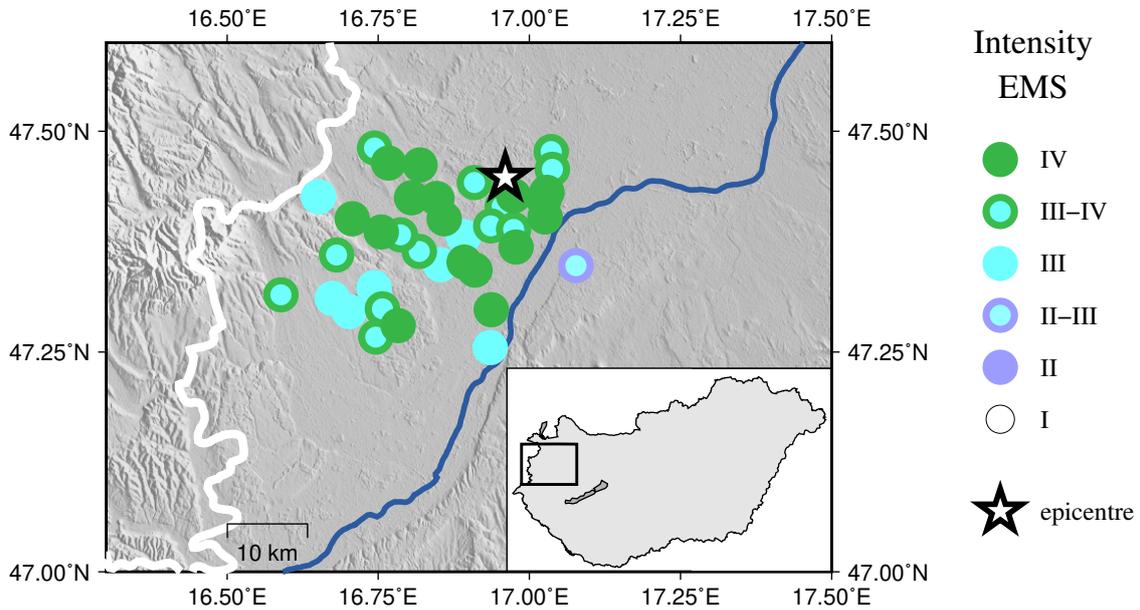


Figure 3.8:

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

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

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

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

2021.09.18 04:47 – Iván

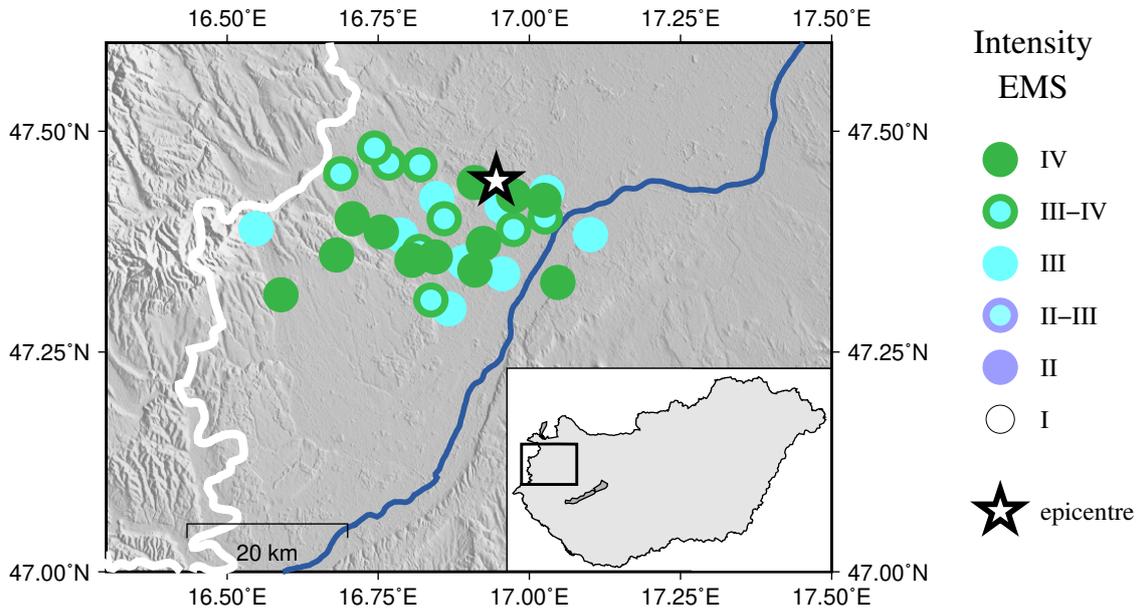


Figure 3.9:

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

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

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

CHAPTER 3. MACROSEISMIC DATA

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

2021.10.27 01:44 – Ukraine

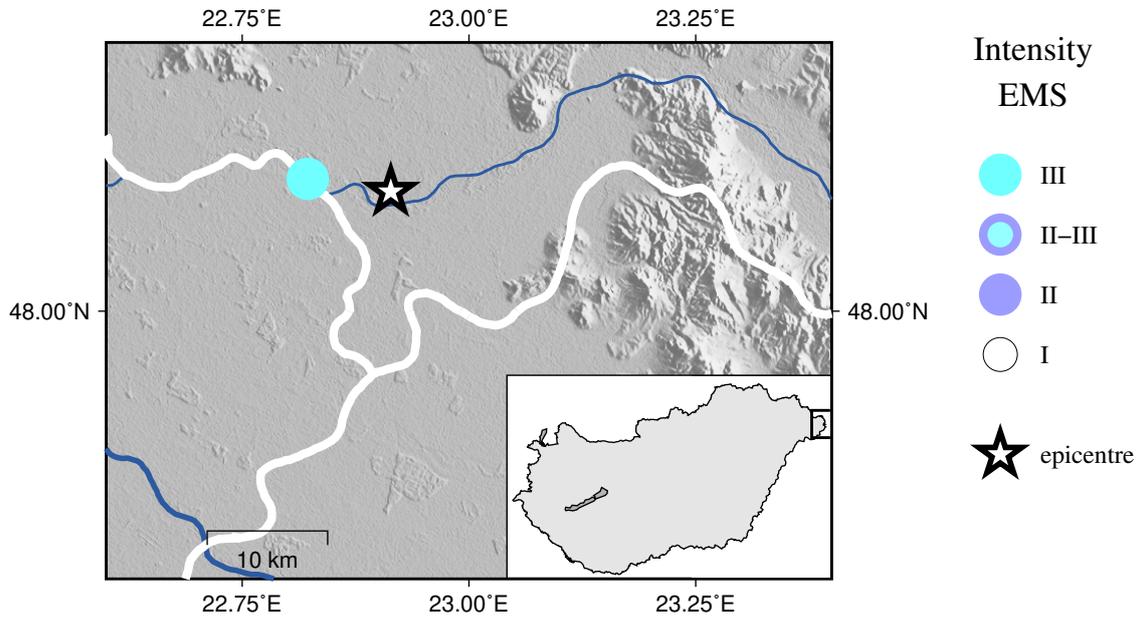


Figure 3.10:  
EMS intensity distribution for the earthquake of 2021.10.27 01:44 UTC

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

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

## 4. Phase data

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

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

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

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

### Event block

---

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

---

### Origin block

---

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

---

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

---

### Magnitude block

---

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

---

Phase block

---

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

---

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	7 BUD	17000000

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	9 BUD	17000010

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

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD 17000024

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

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 2.3 0.1 9 BUD 17000026

```

```

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	14 BUD	17000028

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

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

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

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 17000030

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

```

```

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

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 8 BUD 17000036

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	31 BUD	17000042

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



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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	9 BUD	17000052

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	8 BUD	17000054

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	5 BUD	17000058

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

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

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

Magnitude Err Nsta Author OrigID

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

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

Magnitude Err Nsta Author OrigID  
ML 0.8 0.5 3 BUD 17000064

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

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

Magnitude Err Nsta Author OrigID

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	7 BUD	17000068

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

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

Magnitude Err Nsta Author OrigID  
ML 2.0 0.2 17 BUD 17000070

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



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

```

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

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Magnitude Err Nsta Author OrigID
ML 1.0 0.3 4 BUD 17000074

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Sta 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 25.2 Pg 02:50:00.819 0.3 T__ 140.6 _d ML 0.7 6080192 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
TENKA 0.38 191.4 Lg 02:50:12.013 0.0 T__ 6080195 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.40 253.8 Pg 02:50:06.704 0.2 T__ 49.6 ___ ML 1.1 6080194 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.40 253.8 Lg 02:50:12.367 -0.5 T__ 6080193 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ET1H 0.42 249.3 Lg 02:50:13.130 -0.2 T__ 6080196 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.45 2.1 Pg 02:50:07.468 0.5 T__ 70.9 ___ ML 1.4 6080197 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.45 2.1 Lg 02:50:13.391 -0.5 T__ 6080198 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS 0.47 6.4 Pg 02:50:07.692 0.4 T__ 24.9 ___ ML 1.0 6080200 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.47 6.4 Lg 02:50:14.024 -0.3 T__ 6080199 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ABAH 0.59 62.7 Lg 02:50:18.048 -1.0 T__ 6080201 FDSN HU -- BUD iLoc HHN ??? _

```

```

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

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD 17000080

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

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

```

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

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.1 4 BUD 17000086

```

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

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

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

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Magnitude Err Nsta Author OrigID
ML 1.3 0.3 5 BUD_GT 17000093

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.2	4 BUD	17000102

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	8 BUD	17000104

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

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD_GT 17000109

```

```

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

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(Station ML: 1.3 magdef=0  
 J0S 0.68 22.1 Pg 14:59:52.649 -0.2 T\_\_ 37.0 \_\_\_ ML 1.4 6092738 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 J0S 0.68 22.1 Lg 15:00:03.549 0.2 T\_\_ \_\_\_ 6092747 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 ABAH 0.85 59.0 Pn 14:59:56.895 -0.2 T\_\_ 57.6 \_\_\_ ML 1.7 6092739 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ABAH 0.85 59.0 Lg 15:00:09.933 0.1 T\_\_ \_\_\_ 6092740 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=0

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	5 BUD	17000114

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	5 BUD	17000122

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

```

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

```

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	3 BUD	17000124

```

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

```

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	22 BUD	17000130

```

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

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

```

```

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

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```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17000140

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```

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

```

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	17000142

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	6 BUD	17000144

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

```

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

```

```

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

```

```

Magnitude Err Nsta Author  OrigID
ML 1.9 0.2 4 BUD 17000146

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
TIH  0.23 204.5 Pg     09:40:16.817  0.5      ---  ---  ---  ---  T__          2853.6  --- ML      2.4 6112152    FDSN HU      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CSKK  0.30 31.4 Pg     09:40:18.666  0.9      T__          425.1      --- ML      1.8 6112159    FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.30 31.4 Lg     09:40:22.410 -1.1      T__          ---          6112160    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 0.33 347.5 Lg     09:40:24.268 -0.1      T__          ---          6112153    FDSN ZJ      00 BUD  iLoc  HHN ??? _
MPLH  0.34 281.0 Lg     09:40:23.472 -0.9      T__          ---          6112161    FDSN HU      -- BUD  iLoc  HHN ??? _
HU09A 0.58 24.1 Lg     09:40:31.569 -1.7      T__          ---          6112154    FDSN ZJ      00 BUD  iLoc  HHN ??? _
MORH  0.99 154.4 Pg     09:40:31.644  0.8      T__          39.6      --- ML      1.6 6112155    FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  0.99 154.4 Lg     09:40:44.458 -0.9      T__          ---          6112156    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOVH  1.02 177.3 Pn     09:40:31.569  0.0      T__          78.8      --- ML      2.0 6112158    FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  1.02 177.3 Lg     09:40:45.576 -1.2      T__          ---          6112157    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

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

```

```

Magnitude Err Nsta Author  OrigID
ML 1.2 0.1 3 BUD 17000148

```

```

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

```

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	17000156

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	5 BUD	17000160

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	3 BUD	17000162

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

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

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

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

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

```

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

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.3	3 BUD	17000170

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.6	4 BUD	17000174

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



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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	17000182

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

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

Magnitude	Err	Nsta	Author	OrigID

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.2	20 BUD	17000186

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

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

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

Magnitude Err Nsta Author OrigID

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	5 BUD	17000192

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.3	12 BUD	17000194

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

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

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

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Magnitude Err Nsta Author OrigID
ML 1.9 0.3 4 BUD 17000196

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	17000200

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	5 BUD	17000202

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	17000206

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	4 BUD	17000208

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	5 BUD	17000210

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.0	6 BUD	17000212

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	6 BUD	17000214

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

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

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

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Magnitude Err Nsta Author OrigID
ML 2.1 0.1 6 BUD 17000216

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

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

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Magnitude Err Nsta Author OrigID
ML 1.3 0.4 4 BUD 17000218

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	3 BUD	17000220

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD_GT	17000223

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	17000224

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.7	3 BUD	17000228

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	17000242

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

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.2 3 BUD_GT 17000245

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD_GT 17000249

```

```

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

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 3 BUD 17000250

```

```

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

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID

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

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.3 5 BUD 17000256

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.4 3 BUD 17000258

```

```

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	7 BUD	17000260

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	17000262

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	7 BUD	17000264

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

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

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

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Magnitude Err Nsta Author OrigID
ML 1.2 0.0 5 BUD 17000266

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

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

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	7 BUD	17000278

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	11 BUD	17000280

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

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



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

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

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/01/28 09:41:00.47 1.34 0.85 48.2337 21.2711 8.3 4.9 129 0.0f 14 9 153 0.07 1.35 kx BUD 17000290 BUD 206
2021/01/28 09:41:00.82 0.91 0.88 48.2470 21.2460f 0.0f 14 9 151 0.05 1.33 kx BUD_GT 17000291 BUD_GT 204
(locality : Tálya Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 5 BUD_GT 17000291

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

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

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

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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 0.05 355.1 Pg 09:50:41.166 6.3 --- 1418.4 --- ML 1.6 6145946 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 09:50:41.874 5.4 --- 6145947 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.50 255.8 Pn 09:50:50.052 2.4 --- 39.1 --- ML 1.3 6145949 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 09:50:56.385 4.4 --- 6145948 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
JDS 0.53 298.1 Sn 09:50:57.199 -0.6 T__ --- 6145951 FDSN ZJ -- BUD iLoc HHN ??? _
KECS 0.56 295.3 Sn 09:50:59.133 0.6 T__ --- 6145950 FDSN SK -- BUD iLoc EHE ??? _

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

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 4 BUD 17000294

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

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

```

```

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

```

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 7 BUD 17000296

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

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```

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

```

```

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

```

```

Magnitude  Err Nsta Author      OrigID
ML         1.8 0.2   6 BUD      17000298

```

```

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

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```

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

```

```

Magnitude  Err Nsta Author      OrigID
ML         1.2 0.1   5 BUD      17000300

```

```

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

```

```

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

```

```

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

```

Magnitude Err Nsta Author OrigID

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

```

```

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

```

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 3 BUD\_GT 17000305

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	17000306

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	7 BUD	17000308

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

```

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

```

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

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 17000310

```

```

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

```

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

Magnitude Err Nsta Author OrigID

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

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

Magnitude Err Nsta Author OrigID  
ML 0.6 0.1 3 BUD 17000314

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

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

Magnitude Err Nsta Author OrigID  
ML 1.0 0.5 3 BUD 17000316

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	17000320

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	7 BUD	17000322

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

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

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

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Magnitude Err Nsta Author OrigID
ML 1.7 0.0 3 BUD 17000324

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

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

```

```

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

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Magnitude Err Nsta Author OrigID
ML 2.2 0.1 20 BUD 17000328

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

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

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

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

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	17000336

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	9 BUD	17000338

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.1	3 BUD	17000340

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	13 BUD	17000342

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

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

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

Magnitude Err Nsta Author OrigID

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

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

Magnitude Err Nsta Author OrigID  
ML 1.0 0.1 4 BUD 17000348

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

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

Magnitude Err Nsta Author OrigID  
ML 1.1 0.6 4 BUD 17000350

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

```

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

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

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```

Magnitude Err Nsta Author OrigID
ML 0.9 0.2 3 BUD 17000352

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 8 BUD 17000354

```

```

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

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

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

Magnitude	Err	Nsta	Author	OrigID

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	7 BUD	17000360

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD_GT	17000363

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

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

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

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Magnitude Err Nsta Author OrigID

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

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

```

Magnitude Err Nsta Author OrigID  
ML 2.9 0.2 41 BUD 17000366

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

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



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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	8 BUD	17000372

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

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

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 4 BUD 17000374

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

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

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 6 BUD 17000376

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.5	3 BUD	17000378

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

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

Magnitude	Err	Nsta	Author	OrigID

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.3	4 BUD	17000382

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD_GT	17000385

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.5	4 BUD	17000388

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

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

Magnitude	Err	Nsta	Author	OrigID

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

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

Magnitude	Err	Nsta	Author	OrigID

ML 1.7 0.3 5 BUD 17000392

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

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

Magnitude Err Nsta Author OrigID

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

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 5 BUD 17000396

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

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

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

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 8 BUD 17000398

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

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

```

```

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

```

```

Magnitude Err Nsta Author      OrigID
ML      1.6 0.1   3 BUD_GT      17000401

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author      OrigID
ML      1.4 0.0   5 BUD_GT      17000403

```

```

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

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.0 4 BUD 17000404

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 2.7 0.2 17 BUD 17000406

```

```

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

```

ZAG	0.24	350.1	Pg	13:44:38.264	-0.2	T__	2248.3	___	ML	2.3	6182343	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.24	350.1	Lg	13:44:41.990	0.1	T__		---			6182344	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
PTJ	0.32	350.2	Pg	13:44:39.256	-1.0	T__	348.8	___	ML	1.7	6182352	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.32	350.2	Lg	13:44:44.150	-1.1	T__		---			6182345	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
CRES	0.48	299.9	Pg	13:44:42.884	0.1	T__	151.3	___	ML	1.8	6182346	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.48	299.9	Lg	13:44:50.259	0.5	T__		---			6182347	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
KOGS	0.87	9.3	Pg	13:44:50.781	0.2	T__	501.8	___	ML	2.7	6182348	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.87	9.3	Lg	13:45:02.799	1.1	T__		---			6182353	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
BEHE	1.02	29.8	Pg	13:44:53.426	0.1	T__	348.7	___	ML	2.6	6182349	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.02	29.8	Sn	13:45:07.903	-1.1	T__		---			6182354	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
A264A	1.04	56.3	Pg	13:44:53.412	-0.3	T__	490.3	___	ML	2.8	6182356	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	1.04	56.3	Lg	13:45:07.567	-0.4	T__		---			6182355	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
BLY	1.16	135.9	Pg	13:44:55.312	-0.3	T__	211.6	___	ML	2.5	6182357	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.16	135.9	Lg	13:45:11.330	0.4	T__		---			6182358	FDSN	MN	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A273A	1.28	74.7	Lg	13:45:14.473	-0.7	T__		---			6182350	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A262A	1.32	14.5	Sn	13:45:15.997	-0.0	T__		---			6182368	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A263A	1.37	39.6	Lg	13:45:18.332	-0.0	T__		---			6182369	FDSN	Z3	00	BUD	iLoc	HHN	???	_
OBKA	1.39	311.9	Pg	13:44:59.386	-0.0	T__	264.8	___	ML	2.7	6182351	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.39	311.9	Lg	13:45:18.557	0.1	T__		---			6182359	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
KOVH	1.52	70.2	Pn	13:45:01.346	0.5	T__	115.2	___	ML	2.4	6182361	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.52	70.2	Sn	13:45:20.717	-0.3	T__		---			6182360	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
A011B	1.82	358.1	Pn	13:45:06.115	0.8	T__	96.4	___	ML	2.5	6182362	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	1.82	358.1	Sn	13:45:29.956	1.6	T__		---			6182363	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MPLH	1.89	32.7	Pn	13:45:06.436	0.4	T__	95.8	___	ML	2.5	6182370	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MORH	1.92	70.1	Pg	13:45:09.840	0.1	T__	129.7	___	ML	2.7	6182365	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.92	70.1	Sn	13:45:31.744	1.1	T__		---			6182364	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A018A	2.25	343.1	Pg	13:45:16.545	1.8	T__	79.1	___	ML	2.7	6182366	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	40 BUD	17000408

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

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

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

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

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

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Magnitude Err Nsta Author OrigID
ML 0.7 0.1 4 BUD 17000410

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

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

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Magnitude Err Nsta Author OrigID  
ML 2.1 0.1 7 BUD 17000412

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

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 3 BUD 17000414

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

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

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

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

Magnitude Err Nsta Author OrigID

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

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

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 7 BUD 17000418

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

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 3 BUD 17000420

```

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.1 5 BUD 17000422

```

```

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

```

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	4 BUD	17000424

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

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

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

```

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

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.5 4 BUD 17000428

```

```

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

```

```

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

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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 0.07 277.6 Pg 09:09:34.104 0.7 T__ 1815.3 --- ML 1.8 6208843 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 09:09:35.003 -0.3 T__ --- 6208845 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU03A 0.33 77.7 Lg 09:09:43.321 -0.5 T__ --- 6208846 FDSN ZJ 00 BUD iLoc HHZ ??? _
ET1H 0.50 84.8 Lg 09:09:49.377 -0.7 T__ --- 6208844 FDSN HU -- BUD iLoc HHZ ??? _
PSZ 0.52 80.6 Pg 09:09:42.808 -0.0 T__ 63.4 --- ML 1.6 6208848 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.52 80.6 Lg 09:09:50.283 -0.9 T__ --- 6208847 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD_GT	17000435

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.1	28 BUD	17000436

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

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



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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	17000438

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	11 BUD	17000446

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

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

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

Magnitude Err Nsta Author OrigID  
 ML 2.4 0.3 5 BUD 17000448

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

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

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

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Magnitude Err Nsta Author OrigID
ML 2.1 0.3 7 BUD 17000450

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	13 BUD	17000452

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	4 BUD_GT	17000455

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD_GT	17000457

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

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

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

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17000458

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

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

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Magnitude Err Nsta Author OrigID  
 ML 2.2 0.2 6 BUD 17000460

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

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

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.2 7 BUD 17000462

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

LANS	0.90	18.1	Lg	09:04:40.839	0.1	T__									6233096	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
KECS	0.98	78.7	Pg	09:04:30.781	0.4	T__																	
KECS	0.98	78.7	Lg	09:04:44.713	-0.6	T__																	
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
HU02A	1.01	99.7	Pn	09:04:31.824	0.5	T__																	
HU02A	1.01	99.7	Lg	09:04:45.607	-1.4	T__																	
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
A331A	1.01	327.6	Pg	09:04:31.824	1.1	T__																	
A331A	1.01	327.6	Lg	09:04:46.650	2.0	T__																	
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
JOS	1.02	78.3	Pg	09:04:31.302	0.3	T__																	
JOS	1.02	78.3	Lg	09:04:45.682	-0.7	T__																	
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
JAVC	1.07	302.0	Pg	09:04:32.942	0.3	T__																	
JAVC	1.07	302.0	Lg	09:04:47.768	-1.2	T__																	
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=0)																							
HU08A	1.15	221.4	Sn	09:04:50.375	-0.6	T__																	
MODS	1.18	274.2	Sn	09:04:51.269	-1.0	T__																	
NIE	1.39	36.1	Lg	09:04:57.155	-0.2	T__																	

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	17000464

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

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

Magnitude Err Nsta Author OrigID

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

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

Magnitude Err Nsta Author OrigID

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

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

Magnitude Err Nsta Author OrigID  
ML 2.0 0.3 8 BUD 17000470

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	3 BUD	17000472

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	17000474

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/02/18	10:14:30.91	1.26	1.04	47.2292	18.2987	7.4	5.1	105	0.0f		14	9	150	0.09	1.32	kx	BUD	17000476	BUD			248	
2021/02/18	10:14:31.04	0.91	0.97	47.2302	18.2835f				0.0f		14	9	149	0.09	1.32	kx	BUD_GT	17000477	BUD_GT			247	
(locality : Iszkaszentgyörgy Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	6 BUD_GT	17000477

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

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

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

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Magnitude Err Nsta Author OrigID

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

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

```

Magnitude Err Nsta Author OrigID

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

```

```

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

```

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 6 BUD 17000484

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

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 8 BUD 17000486

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	8 BUD	17000488

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A273A	0.45	52.7	Pg	09:49:52.511	0.3					T__		378.3			ML	2.1	6252839	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOVH	0.72	51.2	Pg	09:49:56.758	-0.7					T__		189.1			ML	2.2	6252840	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.72	51.2	Lg	09:50:06.741	-0.9					T__						6252841	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BLY	0.90	185.3	Pg	09:49:59.961	-0.1					T__		62.2			ML	1.8	6252842	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PTJ	0.97	286.3	Pg	09:50:01.526	-0.4					T__		86.7			ML	2.0	6252843	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.97	286.3	Lg	09:50:15.086	-0.6					T__						6252844	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KOGS	1.09	318.2	Pg	09:50:04.357	0.2					T__		90.0			ML	2.1	6252847	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.09	318.2	Sn	09:50:20.152	0.1					T__						6252848	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MORH	1.10	58.1	Pn	09:50:03.687	-0.5					T__		36.6			ML	1.7	6252846	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.10	58.1	Sn	09:50:19.109	-1.4					T__						6252845	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
OBKA	2.10	295.3	Lg	09:50:52.724	2.4					T__						6252849	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AMBH	2.49	72.3	Pn	09:50:25.261	1.7					T__						6252851	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
AMBH	2.49	72.3	Sn	09:50:56.533	1.9					T__						6252850	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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

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

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Magnitude  Err Nsta Author  OrigID
ML      2.1 0.1   8 BUD  17000490

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

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

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(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 3 BUD\_GT 17000493

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

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

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 4 BUD 17000494

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

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

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

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 6 BUD\_GT 17000497

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

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

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 7 BUD 17000498

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	17000500

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	17000502

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.6	4 BUD	17000504

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD_GT	17000511

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	8 BUD	17000512

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BUD	17000514

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	17000516

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	17000520

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	17000522

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	14 BUD	17000524

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

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	17000528

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	17000532

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

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

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

Magnitude Err Nsta Author OrigID

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

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

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

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

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.4 3 BUD 17000536

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

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

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

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

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.1 6 BUD 17000538

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

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

Magnitude Err Nsta Author OrigID  
ML 2.4 0.2 13 BUD 17000540

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

KOGS	0.89	9.2	Lg	14:26:11.010	1.0	T__										6264792	FDSN	SL	--	BUD	iLoc	BHE	???	_			
				(Reading ML: 2.9 magdef=1)																							
				(Station ML: 2.9 magdef=0)																							
BEHE	1.03	29.3	Pg	14:26:01.427	0.2	T__	515.6									2.8	6264809	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
BEHE	1.03	29.3	Sn	14:26:16.206	-0.7	T__											6264810	FDSN	HU	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 2.8 magdef=1)																							
				(Station ML: 2.8 magdef=1)																							
A264A	1.05	55.5	Lg	14:26:16.133	0.2	T__											6264811	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
BLY	1.15	135.2	Pg	14:26:02.628	-0.3	T__	230.9										2.5	6264793	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_	
BLY	1.15	135.2	Lg	14:26:18.547	-0.1	T__												6264794	FDSN	MN	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.5 magdef=1)																							
				(Station ML: 2.5 magdef=1)																							
A273A	1.29	73.8	Sn	14:26:22.342	-0.4	T__											6264795	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
A263A	1.39	39.1	Lg	14:26:26.883	0.5	T__												6264814	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
OBKA	1.40	312.5	Pn	14:26:08.192	0.4	T__	130.0										2.4	6264813	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
OBKA	1.40	312.5	Sn	14:26:27.677	0.9	T__												6264812	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.4 magdef=1)																							
				(Station ML: 2.4 magdef=1)																							
KOVH	1.53	69.5	Pn	14:26:08.740	0.3	T__	62.0										2.1	6264796	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	1.53	69.5	Sn	14:26:28.592	-0.1	T__												6264797	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.1 magdef=1)																							
				(Station ML: 2.1 magdef=1)																							
ARSA	1.72	348.1	Pg	14:26:13.592	0.7	T__	89.1										2.4	6264799	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	1.72	348.1	Lg	14:26:34.548	-1.3	T__												6264798	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.4 magdef=1)																							
				(Station ML: 2.4 magdef=1)																							
AO11B	1.84	358.2	Pg	14:26:16.460	1.2	T__	54.3										2.3	6264800	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
AO11B	1.84	358.2	Sn	14:26:37.742	1.5	T__												6264815	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 2.3 magdef=1)																							
				(Station ML: 2.3 magdef=1)																							
MPLH	1.91	32.4	Pg	14:26:16.534	-0.5	T__	511.9										3.3	6264801	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
				(Reading ML: 3.3 magdef=1)																							
				(Station ML: 3.3 magdef=0)																							
MORH	1.93	69.6	Pg	14:26:17.637	0.2	T__	63.7										2.4	6264803	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	1.93	69.6	Sn	14:26:40.063	1.8	T__												6264802	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.4 magdef=1)																							
				(Station ML: 2.4 magdef=1)																							
AO18A	2.27	343.3	Pg	14:26:23.372	0.7	T__	60.8										2.5	6264804	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
				(Reading ML: 2.5 magdef=1)																							
				(Station ML: 2.5 magdef=1)																							
FRGS	2.69	97.5	Lg	14:27:09.323	0.6	T__												6264816	FDSN	SJ	--	BUD	iLoc	BHN	???	_	

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.1	11 BUD	17000542

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

```

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

```

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

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Magnitude Err Nsta Author OrigID
ML 2.1 0.1 6 BUD 17000544

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BUD	17000546

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

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

```

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

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Magnitude Err Nsta Author OrigID
ML 1.6 0.4 3 BUD 17000548

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

```

```

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

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```

Magnitude Err Nsta Author OrigID
ML 2.4 0.1 6 BUD 17000550

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```

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

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

```

```

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

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17000556

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

```

```

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

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```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17000558

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.1	42 BUD	17000560

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

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



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

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

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Magnitude Err Nsta Author OrigID
ML 2.1 0.2 18 BUD 17000562

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

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(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 A262A 0.46 323.6 Lg 03:14:01.675 -0.5	T__			6270990	FDSN	Z3	00	BUD	iLoc	HHE	???	_
KOGS 0.47 264.0 Pg 03:13:55.864 -0.3	T__	200.8	---	ML 1.9 6270982	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS 0.47 264.0 Lg 03:14:02.644 0.2	T__		---	6270991	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1 A261A 0.48 18.9 Pg 03:13:56.162 -0.4	T__	176.8	---	ML 1.9 6270983	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A 0.48 18.9 Lg 03:14:03.333 -0.1	T__		---	6270992	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0 A265A 0.61 96.7 Pg 03:13:58.602 -0.4	T__	349.2	---	ML 2.4 6270984	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A 0.61 96.7 Lg 03:14:07.133 -0.2	T__		---	6270993	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0 TIH 0.78 58.7 Pg 03:14:01.601 -0.5	T__	428.4	---	ML 2.6 6270994	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0 MPLH 0.79 32.1 Pg 03:14:01.787 -0.7	T__	78.4	---	ML 1.8 6270985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH 0.79 32.1 Lg 03:14:15.123 1.5	T__		---	6270995	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 A260A 0.80 349.4 Sn 03:14:15.123 0.3	T__		---	6270996	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A273A 0.85 132.8 Pg 03:14:02.867 -0.5	T__	252.4	---	ML 2.4 6270997	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A 0.85 132.8 Sn 03:14:15.906 -0.1	T__		---	6270998	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1 PTJ 0.89 228.5 Pg 03:14:03.855 -0.1	T__	123.3	---	ML 2.1 6270987	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ 0.89 228.5 Lg 03:14:16.129 -0.8	T__		---	6270999	FDSN	CR	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1 KOVH 0.91 116.3 Pg 03:14:03.855 -0.8	T__	62.8	---	ML 1.8 6270986	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH 0.91 116.3 Lg 03:14:16.502 -0.1	T__		---	6271000	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0 A266A 0.93 87.9 Pg 03:14:05.103 0.2	T__	292.0	---	ML 2.5 6270988	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0 ZAG 0.93 224.4 Lg 03:14:17.668 -0.0	T__		---	6271010	FDSN	CR	--	BUD	iLoc	BHE	???	_
EGYH 0.96 16.9 Pn 03:14:05.959 0.8	T__	170.1	---	ML 2.3 6271001	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH 0.96 16.9 Sn 03:14:19.978 1.1	T__		---	6271011	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 A011B 1.12 324.4 Sn 03:14:23.654 1.0	T__		---	6271002	FDSN	Z3	00	BUD	iLoc	HH3	???	_
HU08A 1.16 36.0 Pn 03:14:08.790 1.0	T__	67.8	---	ML 2.0 6271003	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1 A267A 1.16 66.8 Pn 03:14:08.679 0.9	T__	157.8	---	ML 2.3 6271004	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 ARSA 1.22 308.6 Sn 03:14:26.187 1.3	T__		---	6271005	FDSN	OE	--	BUD	iLoc	HHE	???	_
CRES 1.22 237.1 Pg 03:14:09.647 0.2	T__	88.1	---	ML 2.1 6271007	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES 1.22 237.1 Sn 03:14:26.410 0.8	T__		---	6271008	FDSN	SL	--	BUD	iLoc	BHE	???	_

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MORH 1.23 102.8 Pn 03:14:08.790 0.2 T__ 62.8 ___ ML 2.0 6271006 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CSKK 1.26 46.2 Pn 03:14:10.467 1.2 T__ 101.5 ___ ML 2.2 6271009 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
    
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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/02 03:16:08.48 0.85 0.61 46.4951 16.9519 4.4 3.7 149 9.1 7.7 19 11 84 0.12 1.14 ke BUD 17000564 BUD 113
    
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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 9 BUD 17000564
    
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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BEHE 0.12 258.5 Pg 03:16:11.334 -0.4 T__ 1003.1 ___ ML 1.6 6271082 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.12 258.5 Lg 03:16:13.830 -0.3 T__ ___ 6271083 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A263A 0.29 59.7 Pg 03:16:14.724 0.0 T__ 208.9 ___ ML 1.4 6271085 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 0.29 59.7 Lg 03:16:19.753 0.7 T__ ___ 6271084 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
A264A 0.41 145.0 Pg 03:16:16.773 -0.2 T__ 185.9 ___ ML 1.7 6271086 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.41 145.0 Lg 03:16:23.366 0.7 T__ ___ 6271087 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A261A 0.48 16.4 Pg 03:16:17.704 -0.5 T__ 111.8 ___ ML 1.7 6271090 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.48 16.4 Lg 03:16:24.874 -0.1 T__ ___ 6271092 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOGS 0.49 264.7 Pg 03:16:18.971 0.7 T__ 83.2 ___ ML 1.6 6271089 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.49 264.7 Lg 03:16:24.484 -0.3 T__ ___ 6271088 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A265A 0.59 96.6 Pg 03:16:20.237 -0.1 T__ 201.3 ___ ML 2.1 6271091 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.59 96.6 Sn 03:16:31.058 -0.4 T__ ___ 6271093 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
TIH 0.76 57.6 Pn 03:16:24.501 0.4 T__ 201.4 ___ ML 2.2 6271094 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MPLH 0.79 30.6 Pg 03:16:23.831 -0.2 T__ 77.7 ___ ML 1.8 6271095 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.79 30.6 Lg 03:16:36.385 0.9 T__ ___ 6271096 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOVH 0.89 116.7 Pn 03:16:24.836 -1.0 T__ 50.2 ___ ML 1.7 6271098 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.89 116.7 Lg 03:16:37.986 0.2 T__ ___ 6271099 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PTJ 0.90 229.6 Lg 03:16:38.024 -1.0 T__ ___ 6271097 FDSN CR -- BUD iLoc BHE ??? _
    
```

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

(Station ML: 2.0 magdef=1)

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	10 BUD	17000568

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	17000570

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

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

Magnitude	Err	Nsta	Author	OrigID

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	4 BUD	17000574

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	17 BUD	17000576

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

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

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

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 4 BUD 17000578

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

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

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

Magnitude Err Nsta Author OrigID

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

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

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 4 BUD 17000582

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

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

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

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Magnitude Err Nsta Author OrigID
ML 2.4 0.1 6 BUD 17000584

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

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

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Magnitude Err Nsta Author OrigID

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ML 2.1 0.2 6 BUD 17000590

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	12 BUD	17000596

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	3 BUD	17000600

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

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

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

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.02	244.1	Pg	11:01:09.503	0.1					T__		251.9			ML	0.8	6298760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.02	244.1	Lg	11:01:10.497	-0.2					T__						6298761	FDSN	HU	--	BUD	iLoc	HHE	???	_	

(Reading ML: 0.8 magdef=1  
 (Station ML: 0.8 magdef=1

CSKK	0.05	16.6	Pg	11:01:10.370	0.1					T__		142.6			ML	0.6	6298762	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.05	16.6	Lg	11:01:11.899	-0.3					T__						6298763	FDSN	HU	--	BUD	iLoc	HHE	???	_	

(Reading ML: 0.6 magdef=1  
 (Station ML: 0.6 magdef=1

MSW3	0.10	313.6	Lg	11:01:13.836	0.0					T__						6298764	FDSN	HU	--	BUD	iLoc	HHE	???	_
------	------	-------	----	--------------	-----	--	--	--	--	-----	--	--	--	--	--	---------	------	----	----	-----	------	-----	-----	---

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

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.6 3 BUD 17000604

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.12	291.7	Pg	14:29:56.545	-0.2					T__		330.1			ML	1.2	6300005	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.12	291.7	Lg	14:29:58.855	0.1					T__						6300006	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1

A013A	0.46	293.5	Pg	14:30:03.288	0.3					T__		165.1			ML	1.8	6300007	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
-------	------	-------	----	--------------	-----	--	--	--	--	-----	--	-------	--	--	----	-----	---------	------	----	----	-----	------	-----	-----	---

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

ARSA	0.72	208.7	Lg	14:30:17.182	0.1					T__						6300008	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A001A	0.92	23.6	Pg	14:30:12.414	-0.0					T__		155.8			ML	2.2	6300009	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A011B	0.35	245.9	Lg	16:10:28.182	-0.3					T__						6300043	FDSN	Z3	00	BUD	iLoc	HH3	???	_

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

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

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Magnitude Err Nsta Author OrigID
ML 2.2 0.1 15 BUD 17000608

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

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

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

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Magnitude Err Nsta Author OrigID
ML 2.1 0.2 6 BUD 17000610

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	17000614

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	7 BUD	17000620

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.1	3 BUD_GT	17000623

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	3 BUD	17000626

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD_GT	17000629

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

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	17000634

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	17000636

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

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

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

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 5 BUD 17000638

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

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.0	7 BUD	17000640

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

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	17000642

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

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/11	10:25:57.64	1.18	0.22	47.3163	18.2298	11.7	2.6	125	0.0f	6	4	198	0.02	0.10	sx	BUD	17000644	BUD				289

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW2	0.02	222.6	Pg	10:25:58.631	0.1					T__		383.5		---	ML	0.9	6343143	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.02	222.6	Lg	10:25:59.421	-0.3					T__				---		6343142	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
CSKK	0.05	24.0	Pg	10:25:59.446	0.1					T__		168.8		---	ML	0.7	6343144	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.05	24.0	Lg	10:26:01.027	-0.2					T__				---		6343145	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
MSW1	0.08	14.5	Lg	10:26:02.097	-0.1					T__				---		6343146	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW3	0.10	313.5	Lg	10:26:02.607	-0.1					T__				---		6343147	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/03/11	10:48:27.78	1.25	1.00	48.2016	21.2433	7.8	4.6	154	2.2	11.2	19	10	156	0.09	1.51	ke	BUD	17000646	BUD				208
2021/03/11	10:48:27.79	0.86	1.06	48.2470	21.2460f				0.0f		19	10	151	0.05	1.49	kx	BUD_GT	17000647	BUD_GT				204
(locality : Táallya Hungary)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID  
ML 2.1 0.2 8 BUD\_GT 17000647

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	355.1	Pg	10:48:29.869	0.5					T__		34623.6		---	ML	3.0	6343185	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:48:31.227	0.3					T__				---		6343197	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
HU02A	0.50	255.8	Pg	10:48:38.156	-0.2					T__		121.6		---	ML	1.8	6343199	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	10:48:45.085	-1.4					T__				---		6343198	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
JOS	0.53	298.1	Pg	10:48:38.735	0.2					T__		139.3		---	ML	1.9	6343186	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	10:48:46.036	-0.7					T__				---		6343187	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	0.56	295.3	Pg	10:48:39.852	0.8					T__		216.9		---	ML	2.1	6343188	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

KECS	0.56	295.3	Lg	10:48:47.899	0.3	T__									6343189	FDSN	SK	--	BUD	iLoc	EHN	???	_		
	(Reading ML: 2.1 magdef=1)																								
	(Station ML: 2.1 magdef=1)																								
TRPA	0.87	97.2	Pg	10:48:44.695	-0.1	T__	178.0								ML	2.2	6343190	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	10:48:56.931	-2.3	T__											6343200	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.2 magdef=1)																								
	(Station ML: 2.2 magdef=1)																								
PSZ	0.96	250.6	Pn	10:48:47.377	-0.2	T__	105.7								ML	2.1	6343193	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	10:49:01.177	-1.4	T__											6343201	FDSN	GE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																								
	(Station ML: 2.1 magdef=1)																								
KOLS	0.97	44.4	Pn	10:48:47.526	-0.2	T__											6343191	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.97	44.4	Lg	10:49:00.564	-1.5	T__											6343192	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.99	248.7	Pn	10:48:48.122	0.3	T__	66.3								ML	1.9	6343194	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	10:49:01.624	-1.5	T__											6343202	FDSN	HU	--	BUD	iLoc	HHE	???	_
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=1)																								
NIE	1.33	332.3	Pg	10:48:54.604	1.7	T__	118.0								ML	2.3	6343196	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.33	332.3	Sn	10:49:14.049	1.3	T__											6343195	FDSN	PL	--	BUD	iLoc	BHE	???	_
	(Reading ML: 2.3 magdef=1)																								
	(Station ML: 2.3 magdef=1)																								
LANS	1.49	308.2	Sn	10:49:16.898	0.5	T__											6343203	FDSN	SK	--	BUD	iLoc	EHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/12	09:24:59.94	0.98	1.20	47.8317	19.1947	7.5	3.4	172	0.0f		13	8	161	0.12	1.12	kx	BUD	17000648	BUD			192
2021/03/12	09:24:59.77	0.91	1.61	47.8355	19.1270f				0.0f		13	8	159	0.07	1.15	kx	BUD_GT	17000649	BUD_GT			192

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	5 BUD_GT	17000649

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.07	277.6	Pg	09:25:02.869	1.1					T__		4362.9			ML	2.1	6344715	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:25:05.104	1.5					T__							6344714	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
	(Reading ML: 2.1 magdef=1)																								
	(Station ML: 2.1 magdef=0)																								
ET1H	0.50	84.8	Lg	09:25:17.439	-1.0					T__							6344722	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.52	80.6	Lg	09:25:16.136	-3.4					T__							6344723	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	0.69	343.6	Pn	09:25:15.162	-0.7					T__	20.8				ML	1.2	6344716	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.6	Lg	09:25:23.879	-0.2					T__							6344717	FDSN	SK	--	BUD	iLoc	HHE	???	_
	(Reading ML: 1.2 magdef=1)																								
	(Station ML: 1.2 magdef=0)																								
HU08A	0.91	244.0	Sn	09:25:33.639	-0.1					T__							6344719	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU02A	0.98	72.5	Pg	09:25:20.606	0.6					T__	48.7				ML	1.7	6344724	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	09:25:32.894	-2.7					T__							6344718	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
	(Reading ML: 1.7 magdef=1)																								
	(Station ML: 1.7 magdef=1)																								
KECS	1.12	54.0	Pg	09:25:22.165	0.2					T__	79.2				ML	2.0	6344720	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.12	54.0	Sn	09:25:37.146	-1.7					T__							6344725	FDSN	SK	--	BUD	iLoc	EHE	???	_
	(Reading ML: 2.0 magdef=1)																								
	(Station ML: 2.0 magdef=1)																								

JOS 1.15 54.5 Pg 09:25:22.910 0.3 T\_\_ 55.3 \_\_\_ ML 1.9 6344721 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 1.15 54.5 Sn 09:25:37.742 -1.9 T\_\_ \_\_\_ 6344726 FDSN ZJ -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/12	09:53:29.97	0.98	1.60	46.9072	17.3062	5.2	4.6	158	0.0f	10	7	92	0.12	1.15	kx	BUD	17000650	BUD				146
2021/03/12	09:53:30.66	0.94	2.02	46.9790	17.3040f				0.0f	10	7	106	0.11	1.20	kx	BUD_GT	17000651	BUD_GT				144

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.6	3 BUD_GT	17000651

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.11	255.8	Pg	09:53:32.571	-1.0					T__		12407.0		___	ML	2.7	6344775	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.11	255.8	Lg	09:53:35.216	-0.7					T__				---		6344776	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1																									
MPLH	0.25	40.0	Pg	09:53:37.935	1.6					T__		348.5		___	ML	1.5	6344778	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.25	40.0	Lg	09:53:41.362	0.5					T__				---		6344777	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
EGYH	0.44	2.5	Lg	09:53:49.185	2.1					T__				---		6344779	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU08A	0.62	42.8	Lg	09:53:52.463	-1.1					T__				---		6344780	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
KOGS	0.90	234.2	Lg	09:54:00.956	0.9					T__				---		6344781	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	1.05	148.1	Pn	09:53:49.855	-1.6					T__		71.5		---	ML	1.9	6344783	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.05	148.1	Lg	09:54:02.819	-3.6					T__				---		6344782	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
MORH	1.20	129.1	Sn	09:54:07.736	-3.2					T__				---		6344784	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/12	11:00:11.02	2.40	0.39	48.5081	20.3281	17.5	5.2	146	1.0f	7	5	248	0.11	0.70	ke	BUD	17000652	BUD				257

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.11	103.3	Pg	11:00:13.576	0.2					T__		305.6		___	ML	1.1	6344862	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.11	103.3	Lg	11:00:14.801	-0.4					T__				---		6344861	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
JOS	0.14	94.9	Pg	11:00:14.153	0.2					T__		143.6		___	ML	0.8	6344863	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	94.9	Lg	11:00:15.993	-0.3					T__				---		6344860	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
HU02A	0.41	161.1	Lg	11:00:26.354	0.2					T__				---		6344864	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	0.66	206.3	Lg	11:00:34.437	-0.4					T__				---		6344865	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	0.70	206.1	Lg	11:00:35.704	-0.2					T__				---		6344866	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/15	10:03:21.36	1.33	1.09	48.5141	20.7626	11.2	3.6	12	0.0f		16	10	197	0.15	1.28	sx	BUD	17000662	BUD			214

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	6 BUD	17000662

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.15	263.0	Pg	10:03:24.545	-0.0					T__		206.9		---	ML	1.0	6359861	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	263.0	Lg	10:03:27.196	0.0					T__				---		6359864	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																									
KECS	0.19	260.6	Pg	10:03:25.253	-0.1					T__		724.8		---	ML	1.7	6359854	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	260.6	Lg	10:03:28.382	-0.1					T__				---		6359855	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
ABAH	0.39	124.3	Pg	10:03:29.649	0.3					T__		73.7		---	ML	1.2	6359857	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	124.3	Lg	10:03:35.460	-0.6					T__				---		6359856	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
HU02A	0.42	202.1	Lg	10:03:37.179	-0.2					T__				---		6359865	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.83	224.6	Pn	10:03:39.557	0.2					T__		43.6		---	ML	1.6	6359858	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.83	224.6	Lg	10:03:52.005	0.5					T__				---		6359866	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
ET1H	0.87	223.5	Pn	10:03:39.930	0.2					T__		33.4		---	ML	1.5	6359859	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	223.5	Lg	10:03:52.750	0.3					T__				---		6359867	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU03A	0.99	232.3	Sn	10:03:57.475	0.4					T__				---		6359862	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU05A	1.00	165.2	Lg	10:03:54.576	-2.0					T__				---		6359868	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
TRPA	1.25	107.3	Sn	10:04:01.200	-2.6					T__				---		6359863	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	1.28	269.8	Pn	10:03:46.337	0.7					T__		14.3		---	ML	1.4	6359860	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.28	269.8	Sn	10:04:03.218	-1.7					T__				---		6359869	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/15	11:15:41.35	0.86	0.77	48.2547	19.8638	3.7	3.1	120	0.0f		18	10	82	0.34	1.20	sx	BUD	17000664	BUD			136

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	8 BUD	17000664

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.34	176.5	Pg	11:15:48.562	-0.4					T__		357.8		---	ML	1.8	6359914	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.34	176.5	Lg	11:15:54.076	-0.6					T__				---		6359915	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
ET1H	0.38	179.2	Pg	11:15:49.605	0.1					T__		234.0		---	ML	1.7	6359917	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.38	179.2	Lg	11:15:55.342	-0.2					T__				---		6359916	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

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(Station ML: 1.7 magdef=1
HU03A 0.39 206.9 Pg 11:15:50.350 0.6 T__ 266.4 --- ML 1.8 6359918 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.39 206.9 Lg 11:15:56.609 0.6 T__ --- 6359919 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.46 106.4 Pg 11:15:51.245 0.1 T__ 114.6 --- ML 1.6 6359922 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 106.4 Lg 11:15:58.471 -0.3 T__ --- 6359921 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.47 60.9 Lg 11:15:57.950 -0.3 T__ --- 6359920 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.51 61.6 Pg 11:15:52.660 1.0 T__ 103.4 --- ML 1.7 6359923 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.51 61.6 Lg 11:15:59.067 -0.4 T__ --- 6359924 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 0.73 289.7 Pg 11:15:56.832 0.7 T__ 22.0 --- ML 1.2 6359926 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.73 289.7 Lg 11:16:05.326 -1.5 T__ --- 6359925 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
ABAH 0.92 86.9 Pg 11:16:00.185 0.6 T__ 68.9 --- ML 1.8 6359929 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.92 86.9 Lg 11:16:13.074 -0.9 T__ --- 6359928 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LANS 0.93 343.8 Lg 11:16:11.286 -1.2 T__ --- 6359927 FDSN SK -- BUD iLoc EHE ??? _
NIE 1.20 13.7 Pg 11:16:04.655 0.6 T__ 50.2 --- ML 1.9 6359930 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.20 13.7 Lg 11:16:20.822 -0.7 T__ --- 6359931 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/16 09:42:17.15 0.87 0.93 48.4790 19.1013 4.9 3.1 12 0.0f 16 11 126 0.18 1.23 sx BUD 17000666 BUD 135

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 5 BUD 17000666

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.18 275.0 Pg 09:42:21.253 0.3 T__ 66.1 --- ML 0.6 6362484 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.18 275.0 Lg 09:42:23.786 -0.2 T__ --- 6362483 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
LANS 0.71 19.7 Pg 09:42:30.938 -0.4 T__ 38.4 --- ML 1.5 6362485 FDSN SK -- BUD iLoc EHZ EHZ _
LANS 0.71 19.7 Lg 09:42:40.773 -0.2 T__ --- 6362486 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.77 136.3 Lg 09:42:44.274 -1.0 T__ --- 6362487 FDSN GE -- BUD iLoc HHZ ??? _
ET1H 0.79 139.1 Lg 09:42:45.541 0.1 T__ --- 6362488 FDSN HU -- BUD iLoc HHE ??? _
A331A 0.89 319.4 Pg 09:42:35.411 0.8 T__ 74.5 --- ML 1.9 6362495 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.89 319.4 Lg 09:42:46.363 -0.5 T__ --- 6362496 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
KECS 0.92 89.2 Lg 09:42:48.968 -0.2 T__ --- 6362489 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.96 88.5 Pg 09:42:37.271 1.2 T__ 38.4 --- ML 1.6 6362491 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.96 88.5 Lg 09:42:49.788 -0.6 T__ --- 6362490 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.02 110.1 Pn 09:42:37.644 -0.1 T__ 39.0 ___ ML 1.7 6362492 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.02 110.1 Lg 09:42:52.248 -0.9 T__ ___ 6362498 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.02 292.4 Lg 09:42:52.472 -1.0 T__ ___ 6362497 FDSN CZ -- BUD iLoc HHN ??? _
MODS 1.22 265.7 Sn 09:42:57.163 -2.3 T__ ___ 6362493 FDSN SK -- BUD iLoc HHN ??? _
NIE 1.23 39.6 Lg 09:42:58.579 0.6 T__ ___ 6362494 FDSN PL -- BUD iLoc BHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/16 11:08:23.38 0.91 0.59 46.8676 17.2735 5.2 4.0 39 0.0f 22 16 115 0.12 1.43 sx BUD 17000668 BUD 144

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Magnitude Err Nsta Author OrigID
ML 2.2 0.2 6 BUD 17000668

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A261A 0.12 314.7 Pg 11:08:25.832 -0.6 T__ 23284.8 ___ ML 3.0 6362686 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.12 314.7 Lg 11:08:28.701 -0.3 T__ ___ 6362685 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A263A 0.23 172.8 Lg 11:08:33.022 0.6 T__ ___ 6362687 FDSN Z3 00 BUD iLoc HHN ??? _
MPLH 0.35 30.9 Pg 11:08:30.562 -0.5 T__ 654.5 ___ ML 2.1 6362667 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.35 30.9 Lg 11:08:36.821 -0.1 T__ ___ 6362668 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
EGYH 0.55 4.1 Lg 11:08:44.197 0.7 T__ ___ 6362669 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.72 38.0 Lg 11:08:49.784 0.1 T__ ___ 6362671 FDSN ZJ 00 BUD iLoc HHE ??? _
A266A 0.76 116.3 Lg 11:08:50.380 0.2 T__ ___ 6362670 FDSN Z3 00 BUD iLoc HHE ??? _
A267A 0.83 84.1 Pn 11:08:41.589 0.4 T__ 388.1 ___ ML 2.6 6362672 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.83 84.1 Lg 11:08:53.807 0.3 T__ ___ 6362673 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
CSKK 0.84 53.3 Pn 11:08:42.185 0.8 T__ 272.0 ___ ML 2.4 6362675 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.84 53.3 Lg 11:08:54.254 0.1 T__ ___ 6362674 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
SOP 0.95 329.4 Lg 11:08:56.713 1.4 T__ ___ 6362678 FDSN HU -- BUD iLoc HHN ??? _
KOVH 0.97 143.5 Pn 11:08:42.930 -0.1 T__ 112.5 ___ ML 2.1 6362676 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.97 143.5 Lg 11:08:56.415 -0.2 T__ ___ 6362677 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
RONA 1.07 321.7 Lg 11:08:59.395 0.6 T__ ___ 6362679 FDSN OE -- BUD iLoc HHN ??? _
A271A 1.11 74.4 Sn 11:09:01.109 -0.7 T__ ___ 6362681 FDSN Z3 00 BUD iLoc HHN ??? _
MORH 1.15 124.1 Pg 11:08:46.506 0.2 T__ 38.5 ___ ML 1.7 6362680 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.15 124.1 Sn 11:09:02.376 -0.0 T__ ___ 6362688 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
SRO 1.18 36.4 Sn 11:09:04.536 0.8 T__ ___ 6362683 FDSN SK -- BUD iLoc EHN ??? _
ARSA 1.26 288.4 Sn 11:09:04.759 -0.0 T__ ___ 6362682 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.43 318.4 Lg 11:09:10.794 0.7 T__ ___ 6362684 FDSN OE -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/16	11:35:30.62	2.19	1.50	48.3133	21.2874	13.8	8.2	106	0.0f	12	7	115	0.04	1.04	kx	BUD	17000670	BUD				225
2021/03/16	11:35:30.50	0.93	0.37	48.2470	21.2460f				0.0f	12	7	108	0.05	0.99	kx	BUD_GT	17000671	BUD_GT				204

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD_GT	17000671

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	355.1	Pg	11:35:32.235	0.2					T__		11156.1		___	ML	2.5	6362723	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	11:35:33.316	-0.4					T__				---		6362724	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
JOS	0.53	298.1	Pg	11:35:41.586	0.4					T__		77.2		___	ML	1.7	6362726	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	11:35:49.334	-0.1					T__				---		6362725	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.56	295.3	Lg	11:35:50.153	-0.2					T__				---		6362727	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.96	250.6	Pn	11:35:50.079	-0.2					T__		71.1		---	ML	1.9	6362732	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	11:36:04.682	-0.6					T__				---		6362731	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOLS	0.97	44.4	Pn	11:35:49.930	-0.5					T__				---		6362728	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	44.4	Lg	11:36:05.054	0.3					T__				---		6362729	FDSN	SK	--	BUD	iLoc	HHN	???	_	
LTVH	0.97	152.7	Sn	11:36:06.023	0.2					T__				---		6362730	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	248.7	Pn	11:35:50.451	-0.1					T__		35.7		---	ML	1.6	6362733	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	11:36:05.129	-0.7					T__				---		6362734	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/17	08:47:52.62	1.82	0.65	48.0491	20.6768	12.4	5.1	4	0.0f	8	4	249	0.13	0.46	kx	BUD	17000672	BUD				317
2021/03/17	08:47:53.01	0.96	0.43	48.0750	20.6990f				0.0f	8	4	233	0.13	0.43	kx	BUD_GT	17000673	BUD_GT				306

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD_GT	17000673

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	292.1	Pg	08:47:55.802	-0.4					T__		563.0		___	ML	1.4	6372274	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	08:47:58.559	-0.4					T__				---		6372275	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.42	58.4	Pg	08:48:02.210	0.4					T__		75.6		___	ML	1.4	6372277	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	08:48:08.692	-0.5					T__				---		6372276	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.43	340.8	Pg	08:48:02.284	0.5					T__		210.8		___	ML	1.8	6372273	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

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KECS  0.43 340.8 Lg      08:48:08.543 -0.0          T__          ---          6372272  FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS   0.43 345.9 Pg      08:48:02.359  0.5          T__          121.5        --- ML      1.6 6372270  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.43 345.9 Lg      08:48:08.394 -0.2          T__          ---          6372271  FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/03/17 09:07:08.87  2.43  0.33  48.0013  20.4433  24.2  7.3 141  0.0f      5  3 233  0.13  0.50  kx BUD      17000674  BUD          343
2021/03/17 09:07:08.91  1.03  3.50  48.0750  20.6990f  0.0f      5  3 268  0.13  0.56  kx BUD_GT   17000675  BUD_GT       322
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU02A  0.13 292.1 Pg      09:07:12.283  0.2          T__          83.6          --- ML      0.6 6372299  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.13 292.1 Lg      09:07:14.667 -0.2          T__          ---          6372300  FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
JOS   0.43 345.9 Pg      09:07:19.137  1.4          T__          38.0          --- ML      1.1 6372302  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.43 345.9 Lg      09:07:26.662  2.1          T__          ---          6372301  FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ   0.56 254.1 Lg      09:07:23.477 -6.5          T__          ---          6372303  FDSN GE      -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/03/17 09:38:40.59  1.44  1.14  47.5677  18.5256  11.2  4.0 102  0.0f      7  5 208  0.12  1.16  sx BUD      17000676  BUD          293

```

Magnitude Err Nsta Author OrigID  
ML 1.7 0.5 3 BUD 17000676

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Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU09A  0.12 306.3 Pg      09:38:44.173  0.6          T__          1178.9        --- ML      1.7 6372326  FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU09A  0.12 306.3 Lg      09:38:45.700 -0.6          T__          ---          6372327  FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK  0.27 221.4 Pg      09:38:47.015  0.5          T__          136.4          --- ML      1.2 6372324  FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.27 221.4 Lg      09:38:50.591 -1.1          T__          ---          6372325  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A338A  0.46 345.5 Pg      09:38:50.133 -0.1          T__          292.1          --- ML      2.1 6372328  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
VYHS  0.95 12.6 Lg      09:39:13.899  0.1          T__          ---          6372329  FDSN SK      -- BUD  iLoc  HHE ??? _
MODS  1.16 314.3 Sn      09:39:19.596 -1.7          T__          ---          6372330  FDSN SK      -- BUD  iLoc  HHN ??? _

```

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

2021/03/17 11:28:02.58 1.57 0.56 47.9130 20.1359 18.7 3.5 154 0.0f 8 5 208 0.16 0.64 kx BUD 17000678 BUD 234  
 2021/03/17 11:28:02.02 0.96 0.70 47.8650 20.1529f 0.0f 8 5 230 0.18 0.68 kx BUD\_GT 17000679 BUD\_GT 252  
 (locality : Kismána Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.0 4 BUD\_GT 17000679

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.18	287.2	Pg	11:28:07.029	0.5					T__		435.9		---	ML	1.4 6372382	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	11:28:09.600	-0.5					T__				---		6372383	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
ET1H	0.19	274.4	Pg	11:28:07.061	0.6					T__		384.6		---	ML	1.4 6372381	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	11:28:09.711	-0.3					T__				---		6372384	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU02A	0.36	44.0	Pg	11:28:10.201	0.3					T__		81.6		---	ML	1.2 6372385	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	11:28:14.970	-1.0					T__				---		6372386	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
KECS	0.66	19.7	Lg	11:28:24.208	-1.1					T__				---		6372387	FDSN	SK	--	BUD	iLoc	EHE	???	_
JOS	0.68	22.1	Pg	11:28:15.938	0.2					T__		32.8		---	ML	1.4 6372388	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/17	12:55:13.07	2.34	1.12	47.7937	19.8786	14.8	5.2	164	0.0f		9	7	222	0.09	0.99	sx	BUD	17000680	BUD			247

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 3 BUD 17000680

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ET1H	0.09	356.7	Pg	12:55:16.273	0.8					T__		999.7		---	ML	1.5 6372416	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
PSZ	0.13	4.9	Pg	12:55:17.154	0.7					T__		512.7		---	ML	1.4 6372417	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.13	4.9	Lg	12:55:18.154	-1.1					T__				---		6372418	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU03A	0.22	300.5	Lg	12:55:20.278	-1.5					T__				---		6372415	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU02A	0.54	52.6	Lg	12:55:32.049	-1.4					T__				---		6372419	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU10A	0.58	275.4	Lg	12:55:34.284	-0.5					T__				---		6372420	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
JOS	0.83	32.0	Pn	12:55:30.559	-0.3					T__		42.2		---	ML	1.6 6372422	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.83	32.0	Lg	12:55:41.735	-0.5					T__				---		6372421	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
VYHS	0.99	315.5	Lg	12:55:47.471	-0.1					T__				---		6372423	FDSN	SK	--	BUD	iLoc	HHN	???	_

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

2021/03/18 09:48:31.69 1.02 0.08 46.1531 18.2975 10.5 3.7 157 0.0f 5 3 169 0.15 0.37 kx BUD 17000682 BUD 281  
 2021/03/18 09:48:31.72 1.01 0.43 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD\_GT 17000683 BUD\_GT 275  
 (locality : Komló Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.16	236.7	Pg	09:48:35.438	-0.1					T__		391.0		---	ML	1.3 6379341	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:48:38.269	-0.4					T__				---		6379342	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
MORH	0.25	80.9	Pg	09:48:37.226	0.0					T__		158.9		---	ML	1.2 6379344	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:48:41.697	0.1					T__				---		6379343	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
A266A	0.35	356.8	Lg	09:48:45.864	0.7					T__				---		6379345	FDSN	Z3	00	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/18	09:49:49.93	1.05	0.23	47.8702	16.0565	14.8	4.0	36	0.0f	6	3	157		0.14	1.21	sx	BUD	17000684	BUD			283

Magnitude Err Nsta Author OrigID  
 ML 1.0 0.4 3 BUD 17000684

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CONA	0.14	294.0	Pg	09:49:53.029	0.0					T__		207.9		---	ML	1.0 6379365	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	294.0	Lg	09:49:55.227	-0.0					T__				---		6379366	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
RONA	0.24	136.4	Pg	09:49:54.855	-0.0					T__		63.0		---	ML	0.8 6379368	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	136.4	Lg	09:49:58.468	0.1					T__				---		6379367	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
KRUC	1.21	10.6	Pg	09:50:13.220	0.0					T__		37.5		---	ML	1.7 6379369	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	10.6	Sn	09:50:30.355	-0.4					T__				---		6379370	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/18	10:02:57.69	1.34	0.72	48.2177	21.2501	8.6	4.3	131	0.0f	14	9	155		0.08	1.36	kx	BUD	17000686	BUD			207
2021/03/18	10:02:57.99	0.91	0.72	48.2470	21.2460f				0.0f	14	9	151		0.05	1.33	kx	BUD_GT	17000687	BUD_GT			204

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

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.0 5 BUD\_GT 17000687

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.05	355.1	Pg	10:03:00.310	0.7					T__		9456.5		---	ML	2.4 6379403	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:03:00.906	-0.3					T__				---		6379402	FDSN	HU	--	BUD	iLoc	HHN	???	_

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(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU02A 0.50 255.8 Pg 10:03:08.505 -0.1 T__ 79.5 ___ ML 1.6 6379404 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 10:03:15.807 -0.9 T__ ___ 6379405 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
JOS 0.53 298.1 Pg 10:03:09.325 0.6 T__ 78.6 ___ ML 1.7 6379406 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 10:03:16.701 -0.2 T__ ___ 6379407 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.56 295.3 Lg 10:03:17.855 0.0 T__ ___ 6379408 FDSN SK -- BUD iLoc EHE ??? _
TRPA 0.87 97.2 Pn 10:03:15.881 -0.5 T__ 151.4 ___ ML 2.2 6379410 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.2 Lg 10:03:28.398 -1.1 T__ ___ 6379409 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PSZ 0.96 250.6 Lg 10:03:31.452 -1.3 T__ ___ 6379411 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Lg 10:03:31.676 -0.6 T__ ___ 6379412 FDSN SK -- BUD iLoc HHN ??? _
ET1H 0.99 248.7 Pg 10:03:18.638 -0.1 T__ 44.7 ___ ML 1.7 6379414 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 248.7 Lg 10:03:32.048 -1.2 T__ ___ 6379413 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 1.33 332.3 Lg 10:03:42.181 -0.4 T__ ___ 6379415 FDSN PL -- BUD iLoc BHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/19 08:56:04.81 2.35 0.66 48.8245 21.1252 29.3 7.7 156 2.0f 6 4 209 0.51 0.81 ke BUD 17000690 BUD 338

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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 0.51 230.0 Pg 08:56:15.000 0.1 T__ 57.0 ___ ML 1.5 6382765 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.51 230.0 Lg 08:56:22.752 0.2 T__ ___ 6382770 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.54 231.4 Lg 08:56:23.526 -0.3 T__ ___ 6382768 FDSN SK -- BUD iLoc EHE ??? _
KOLS 0.77 81.4 Lg 08:56:31.274 -0.2 T__ ___ 6382769 FDSN SK -- BUD iLoc HHE ??? _
HU02A 0.81 209.8 Pg 08:56:21.854 0.5 T__ 33.7 ___ ML 1.5 6382766 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.81 209.8 Lg 08:56:32.796 -0.9 T__ ___ 6382767 FDSN ZJ 00 BUD iLoc HHZ ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/19 09:20:23.60 1.37 0.63 47.8943 20.0805 12.5 3.1 159 0.0f 14 8 201 0.13 1.03 sx BUD 17000692 BUD 211

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 17000692

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
PSZ 0.13 281.0 Pg 09:20:27.168 0.2 T__ 1392.2 _c_ ML 1.8 6382807 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.13 281.0 Lg 09:20:29.495 -0.3 T__ ___ 6382808 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1

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(Station ML: 1.8 magdef=1
ET1H 0.14 263.9 Pg 09:20:27.317 0.2 T__ 661.3 --- ML 1.5 6382805 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.14 263.9 Lg 09:20:29.849 -0.0 T__ --- 6382806 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.32 271.9 Lg 09:20:36.107 0.2 T__ --- 6382809 FDSN ZJ 00 BUD iLoc HHE ??? _
HU02A 0.38 52.5 Pg 09:20:31.451 -0.3 T__ 133.5 --- ML 1.5 6382811 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.38 52.5 Lg 09:20:37.746 -0.4 T__ --- 6382810 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.65 24.6 Pg 09:20:37.599 0.9 T__ 92.8 --- ML 1.8 6382802 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.65 24.6 Lg 09:20:47.061 0.5 T__ --- 6382803 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 0.68 26.9 Pg 09:20:37.450 0.3 T__ 58.6 --- ML 1.6 6382801 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 26.9 Lg 09:20:47.767 0.3 T__ --- 6382812 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.87 62.2 Lg 09:20:54.884 -0.2 T__ --- 6382804 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.03 306.2 Pn 09:20:44.340 0.0 T__ 18.5 --- ML 1.3 6382814 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.03 306.2 Lg 09:20:57.750 -1.6 T__ --- 6382813 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/19 09:35:14.86 1.12 0.46 47.3467 18.2541 7.2 2.5 114 0.0f 8 4 198 0.02 0.09 sx BUD 17000694 BUD 277

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Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD 17000694

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.02 14.9 Pg 09:35:16.070 0.4 T__ 3311.0 --- ML 1.9 6382846 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.02 14.9 Lg 09:35:16.682 -0.0 T__ --- 6382845 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW1 0.05 4.1 Pg 09:35:16.478 0.0 T__ 1293.0 --- ML 1.5 6382847 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.05 4.1 Lg 09:35:17.548 -0.7 T__ --- 6382848 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW2 0.05 213.5 Pg 09:35:16.784 0.2 T__ 702.9 --- ML 1.3 6382850 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.05 213.5 Lg 09:35:17.905 -0.6 T__ --- 6382849 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW3 0.09 292.7 Pg 09:35:17.599 0.2 T__ 352.0 --- ML 1.1 6382851 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.09 292.7 Lg 09:35:19.740 -0.1 T__ --- 6382852 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/19 12:33:44.55 1.12 0.95 48.4095 17.3300 9.0 4.1 118 0.0f 11 6 197 0.05 1.09 sx BUD 17000696 BUD 252

```

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 5 BUD 17000696

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.05	224.4	Pg	12:33:46.005	-0.2					T__						6382954	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.05	224.4	Lg	12:33:47.253	-0.7					T__						6382955	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.50	26.5	Pg	12:33:54.871	-0.3					T__		91.9		---	ML	1.7	6382956	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.50	26.5	Lg	12:34:03.538	0.2					T__						6382949	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KRUC	0.90	316.9	Pg	12:34:02.210	0.4					T__		38.5		---	ML	1.6	6382957	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.90	316.9	Lg	12:34:13.819	-1.3					T__						6382950	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
RONA	0.99	224.7	Pg	12:34:04.668	0.4					T__		50.6		---	ML	1.8	6382958	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.99	224.7	Lg	12:34:18.066	0.9					T__						6382951	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
VRAC	1.02	331.9	Pg	12:34:04.668	0.8					T__		11.2		---	ML	1.1	6382959	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
CONA	1.09	244.4	Pg	12:34:04.730	-1.4					T__		39.4		---	ML	1.7	6382952	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.09	244.4	Lg	12:34:21.493	1.2					T__						6382953	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/20	10:00:36.94	1.10	0.20	46.1218	18.3050	12.1	3.8	160	0.0f		5	3	188	0.15	0.40	kx	BUD	17000698	BUD			287
2021/03/20	10:00:37.08	1.01	0.90	46.1765	18.2926f				0.0f		5	3	155	0.16	0.35	kx	BUD_GT	17000699	BUD_GT			275
(locality : Komló Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	10:00:40.579	-0.4					T__		441.1		---	ML	1.4	6390525	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	10:00:43.410	-0.6					T__						6390526	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.25	80.9	Pg	10:00:42.665	0.1					T__		141.9		---	ML	1.1	6390528	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	10:00:46.837	-0.2					T__						6390527	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A266A	0.35	356.8	Lg	10:00:52.127	1.6					T__						6390529	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/22	01:20:20.56	1.01	0.32	47.6403	20.3209	5.1	3.0	14	2.0f		6	3	144	0.02	0.05	ke	BUD	17000700	BUD			268

Magnitude Err Nsta Author OrigID

ML 1.2 0.1 3 BUD 17000700

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TENKA	0.02	52.6	Pg	01:20:21.572	0.2					T__		666.7		---	ML	1.2	6394133	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.02	52.6	Lg	01:20:21.999	-0.2					T__				---		6394134	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ATANC	0.04	144.1	Pg	01:20:21.801	0.2					T__		695.8		---	ML	1.2	6394135	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATANC	0.04	144.1	Lg	01:20:22.325	-0.3					T__				---		6394136	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU23A	0.05	268.5	Pg	01:20:22.108	0.2					T__		309.5		---	ML	0.9	6394137	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.05	268.5	Lg	01:20:22.829	-0.3					T__				---		6394138	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/22	08:56:36.08	1.19	0.89	48.4675	20.7562	9.3	4.1	21	0.0f		9	6	196	0.15	0.84	sx	BUD	17000702	BUD			282

Magnitude Err Nsta Author OrigID  
ML 1.3 0.2 4 BUD 17000702

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.15	281.2	Pg	08:56:39.061	-0.2					T__		285.2		---	ML	1.2	6395033	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	281.2	Lg	08:56:41.903	0.1					T__				---		6395035	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.18	275.1	Pg	08:56:39.731	-0.2					T__		409.9		---	ML	1.4	6395034	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	275.1	Lg	08:56:43.654	0.7					T__				---		6395036	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.37	117.8	Pg	08:56:43.598	-0.1					T__		68.0		---	ML	1.1	6395039	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.38	204.2	Lg	08:56:50.546	-0.0					T__				---		6395040	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	0.80	226.7	Pn	08:56:53.153	-0.4					T__		54.0		---	ML	1.7	6395037	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.80	226.7	Lg	08:57:03.770	-1.2					T__				---		6395038	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	0.84	225.5	Lg	08:57:07.458	1.6					T__				---		6395041	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/22	09:33:13.76	1.53	1.86	47.5917	18.5016	12.6	3.8	4	0.0f		11	6	228	0.09	1.14	kx	BUD	17000704	BUD			241
2021/03/22	09:33:13.16	0.90	1.81	47.5600	18.4573f				0.0f		11	6	245	0.09	1.14	kx	BUD_GT	17000705	BUD_GT			256

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

Magnitude Err Nsta Author OrigID  
ML 1.9 0.0 5 BUD\_GT 17000705

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	327.2	Pg	09:33:16.487	0.9					T__		2110.5		---	ML	1.9	6395171	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	09:33:18.126	0.2					T__				---		6395172	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
SR0	0.27	339.1	Pg	09:33:20.138	1.1					T__		4745.4		---	ML	2.7	6395174	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.27	339.1	Lg	09:33:23.640	-0.4					T__				---		6395173	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.7 magdef=1)																					
				(Station ML: 2.7 magdef=0)																					
HU10A	0.47	52.8	Pg	09:33:24.310	1.1					T__		195.4		---	ML	1.9	6395181	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.47	52.8	Lg	09:33:27.812	-3.3					T__				---		6395175	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
ET1H	1.01	71.0	Pn	09:33:33.549	0.1					T__		44.8		---	ML	1.7	6395177	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.01	71.0	Lg	09:33:47.481	-1.7					T__				---		6395176	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=0)																					
PSZ	1.03	69.2	Pn	09:33:34.294	0.3					T__		60.1		---	ML	1.9	6395179	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.03	69.2	Lg	09:33:48.747	-1.8					T__				---		6395178	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
MODS	1.14	316.2	Sn	09:33:49.716	-3.5					T__				---		6395180	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/22	09:55:13.39	1.06	1.04	48.1247	21.3360	8.0	4.4	176	0.0f		14	8	167	0.18	1.02	sx	BUD	17000706	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	17000706

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.18	339.4	Lg	09:55:20.041	-1.2					T__				---		6395218	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.54	270.0	Pg	09:55:25.331	0.5					T__		63.1		---	ML	1.6	6395220	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.54	270.0	Lg	09:55:33.079	-0.6					T__				---		6395219	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=0)																					
JOS	0.65	305.2	Pg	09:55:26.821	0.4					T__		60.8		---	ML	1.6	6395222	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	305.2	Lg	09:55:35.463	-0.8					T__				---		6395221	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
KECS	0.67	302.6	Lg	09:55:36.879	-0.2					T__				---		6395223	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.81	89.2	Pg	09:55:29.354	0.2					T__		68.5		---	ML	1.8	6395225	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.81	89.2	Lg	09:55:40.827	-2.0					T__				---		6395224	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=0)																					
PSZ	0.99	258.5	Pn	09:55:33.750	0.2					T__		50.6		---	ML	1.8	6395229	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.99	258.5	Lg	09:55:47.831	-1.2					T__				---		6395228	FDSN	GE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ET1H	1.01	256.5	Pn	09:55:34.346	0.7					T__		42.1		---	ML	1.7	6395230	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.01	256.5	Lg	09:55:48.948	-0.5					T__				---		6395231	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					

KOLS	1.02	37.2	Pg	09:55:33.973	1.1	T__									6395226	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	1.02	37.2	Lg	09:55:48.129	-1.3	T__									6395227	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/22	11:00:54.79	0.91	0.84	48.1732	19.8200	4.1	3.8	92	0.0f		13	8	123	0.26	1.29	sx	BUD	17000708	BUD			200

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	17000708

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.26	168.9	Pg	11:01:01.331	0.5					T__		377.3		---	ML	1.6	6395266	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.26	168.9	Lg	11:01:05.726	0.3					T__				---		6395267	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
ET1H	0.30	173.3	Pg	11:01:01.554	0.2					T__		188.2		---	ML	1.4	6395268	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.30	173.3	Lg	11:01:05.875	-0.4					T__				---		6395269	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU02A	0.47	95.9	Pg	11:01:05.147	0.2					T__		67.3		---	ML	1.4	6395271	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	95.9	Lg	11:01:11.514	-1.2					T__				---		6395270	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
KECS	0.54	54.8	Lg	11:01:13.864	-0.2					T__				---		6395272	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.58	55.8	Pg	11:01:07.382	1.0					T__		62.7		---	ML	1.6	6395273	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.58	55.8	Lg	11:01:14.609	-0.7					T__				---		6395274	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=0)																					
VYHS	0.73	296.4	Pg	11:01:09.840	0.2					T__		11.4		---	ML	1.0	6395276	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.73	296.4	Lg	11:01:19.526	-0.9					T__				---		6395275	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=0)																					
ABAH	0.96	82.1	Lg	11:01:27.125	-1.6					T__				---		6395277	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	1.29	14.1	Lg	11:01:38.301	0.5					T__				---		6395278	FDSN	PL	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/22	11:12:09.71	1.36	0.99	47.2382	18.2823	10.7	6.3	80	0.0f		7	5	172	0.08	1.05	sx	BUD	17000710	BUD			328

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.08	322.8	Pg	11:12:12.605	0.6					T__		561.9		---	ML	1.3	6395335	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	322.8	Lg	11:12:13.548	-0.7					T__				---		6395334	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
CSKK	0.13	353.2	Pg	11:12:13.472	0.6					T__		250.6		---	ML	1.0	6395336	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.2	Lg	11:12:15.205	-0.7					T__				---		6395337	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
MSW1	0.16	354.2	Lg	11:12:16.021	-0.9					T__				---		6395338	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW3	0.18	323.8	Lg	11:12:16.887	-0.7					T__				---		6395339	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
MORH	1.05	166.2	Lg	11:12:45.052	-1.0					T__							6395340	FDSN	HU	--	BUD	iLoc HHE ??? _			
2021/03/22	14:53:39.51	1.09	0.93	48.9304	21.2944	7.8	4.3	156	0.0f		12	7	142	0.64	1.42	sx	BUD	17000712	BUD			236			
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.7	0.1	4	BUD	17000712																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.64	183.3	Pg	14:53:53.344	1.1					T__		75.3			ML	1.7	6395416	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.64	183.3	Lg	14:54:02.508	-0.3					T__						6395413	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)		(Station ML: 1.7 magdef=1)																			
KOLS	0.65	89.4	Pg	14:53:51.705	-0.2					T__						6395417	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.65	89.4	Lg	14:54:02.731	0.3					T__						6395415	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.66	229.3	Pg	14:53:52.971	0.3					T__	56.5				ML	1.6	6395418	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	229.3	Lg	14:54:01.837	-0.8					T__						6395409	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)		(Station ML: 1.6 magdef=1)																			
KECS	0.70	230.4	Pg	14:53:53.940	0.5					T__	112.1				ML	1.9	6395411	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.70	230.4	Lg	14:54:02.582	-1.2					T__						6395410	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.9 magdef=1)		(Station ML: 1.9 magdef=1)																			
NIE	0.82	307.2	Lg	14:54:07.276	0.7					T__						6395414	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.96	212.6	Pg	14:53:58.708	-0.4					T__	39.2				ML	1.6	6395419	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	212.6	Lg	14:54:11.672	-1.6					T__						6395412	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)		(Station ML: 1.6 magdef=1)																			
ET1H	1.42	222.6	Sn	14:54:25.455	-0.5					T__						6395420	FDSN	HU	--	BUD	iLoc	HHE	???	_	
2021/03/23	10:26:02.18	1.08	0.89	47.3785	18.3791	5.6	3.5	105	0.0f		19	15	107	0.08	1.30	sx	BUD	17000714	BUD					109	
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.9	0.2	4	BUD	17000714																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.08	259.2	Pg	10:26:04.763	0.3					T__		3177.7			ML	2.0	6396849	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	259.2	Lg	10:26:05.880	-0.9					T__						6396850	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)		(Station ML: 2.0 magdef=1)																			
MSW1	0.08	280.1	Pg	10:26:05.095	0.6					T__	2581.2				ML	1.9	6396863	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	280.1	Lg	10:26:06.318	-0.5					T__						6396864	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)		(Station ML: 1.9 magdef=1)																			
MSW2	0.14	236.4	Pg	10:26:06.459	0.9					T__	449.0				ML	1.3	6396866	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.14	236.4	Lg	10:26:08.247	-0.4					T__						6396865	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)		(Station ML: 1.3 magdef=1)																			
MSW3	0.17	271.6	Lg	10:26:09.564	-0.2					T__						6396867	FDSN	HU	--	BUD	iLoc	HHN	???	_	

HU09A	0.26	0.5	Lg	10:26:12.437	-0.4	T__									6396851	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	0.31	279.9	Lg	10:26:13.778	-0.8	T__									6396852	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A267A	0.44	170.7	Lg	10:26:17.875	-0.8	T__									6396853	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MPLH	0.61	250.3	Lg	10:26:23.761	-0.2	T__									6396854	FDSN	HU	--	BUD	iLoc	HHE	???	_
A265A	1.03	203.0	Lg	10:26:36.129	-0.9	T__									6396855	FDSN	Z3	00	BUD	iLoc	HHE	???	_
ET1H	1.13	63.1	Pn	10:26:24.879	0.8	T__				43.5					6396856	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.13	63.1	Sn	10:26:40.777	-0.7	T__									6396861	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
VVHS	1.16	15.2	Lg	10:26:41.716	-0.8	T__									6396859	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	1.16	61.6	Sn	10:26:41.269	-1.5	T__									6396857	FDSN	GE	--	BUD	iLoc	HHN	???	_
MORH	1.18	171.0	Sn	10:26:40.673	-1.7	T__									6396858	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.24	323.7	Sn	10:26:44.577	-0.2	T__									6396862	FDSN	SK	--	BUD	iLoc	HHE	???	_
KOVH	1.30	188.6	Sn	10:26:44.622	-0.9	T__									6396860	FDSN	HU	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/23	11:00:26.91	1.12	1.04	48.0917	16.9875	12.8	3.8	131	0.0f		8	5	195	0.34	1.30	sx	BUD	17000716	BUD			251

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.34	34.4	Pg	11:00:34.500	0.2					T__						6396894	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.34	34.4	Lg	11:00:39.640	-0.6					T__						6396893	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.61	230.1	Pg	11:00:39.417	0.3					T__	45.2				ML	1.5	6396895	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.61	230.1	Lg	11:00:47.463	0.2					T__						6396896	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CONA	0.77	258.2	Lg	11:00:51.486	-0.9					T__						6396897	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.05	338.2	Lg	11:01:03.109	0.6					T__						6396898	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
ARSA	1.30	230.2	Pg	11:00:51.039	-1.6					T__	58.8				ML	2.0	6396899	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.30	230.2	Lg	11:01:09.367	1.1					T__						6396900	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/23	11:01:57.86	2.15	0.60	47.8709	20.1368	21.9	3.7	159	0.0f		9	5	226	0.17	0.68	kx	BUD	17000718	BUD			249
2021/03/23	11:01:57.69	0.94	0.58	47.8650	20.1529f				0.0f		9	5	230	0.18	0.68	kx	BUD_GT	17000719	BUD_GT			252

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

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 4 BUD\_GT 17000719

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	11:02:02.433	0.3					T__		449.0			ML	1.5	6396924	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	11:02:05.339	-0.5					T__						6396925	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.19	274.4	Pg	11:02:02.402	0.2					T__	409.2				ML	1.4	6396929	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	11:02:04.892	-0.8					T__						6396926	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.36 44.0 Pg 11:02:06.084 0.6 T__ 98.1 ___ ML 1.3 6396928 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 11:02:10.927 -0.8 T__ ___ 6396927 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU03A 0.37 276.2 Lg 11:02:11.044 -0.8 T__ ___ 6396930 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 0.68 22.1 Pg 11:02:11.864 0.5 T__ ___ ML 1.6 6396931 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 11:02:21.996 0.2 T__ ___ 6396932 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/23 14:23:44.97 1.04 0.99 45.5859 16.0765 7.4 4.7 50 0.0f 20 12 162 0.25 1.90 ke BUD 17000720 BUD 224

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Magnitude Err Nsta Author OrigID
ML 2.5 0.2 8 BUD 17000720

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZAG 0.25 345.5 Pg 14:23:50.488 0.3 T__ 3731.3 ___ ML 2.6 6397868 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.25 345.5 Lg 14:23:54.660 0.6 T__ ___ 6397869 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
PTJ 0.33 346.7 Pg 14:23:51.531 -0.5 T__ 544.6 _d_ ML 2.0 6397870 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.33 346.7 Lg 14:23:55.927 -1.5 T__ ___ 6397871 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
CRES 0.50 299.2 Pg 14:23:54.809 0.2 T__ 340.7 ___ ML 2.2 6397872 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.50 299.2 Lg 14:24:02.175 0.2 T__ ___ 6397883 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KOGS 0.87 7.9 Pg 14:24:02.818 0.5 T__ 438.9 ___ ML 2.6 6397874 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.87 7.9 Lg 14:24:15.707 1.7 T__ ___ 6397873 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
BEHE 1.01 28.6 Pg 14:24:05.202 0.3 T__ 973.9 ___ ML 3.0 6397876 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 1.01 28.6 Lg 14:24:19.581 0.4 T__ ___ 6397875 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A264A 1.02 55.5 Lg 14:24:18.613 -0.9 T__ ___ 6397877 FDSN Z3 00 BUD iLoc HHE ??? _
BLY 1.15 136.5 Pg 14:24:06.618 -0.4 T__ 295.5 ___ ML 2.6 6397879 FDSN MN -- BUD iLoc HHZ HHZ _
BLY 1.15 136.5 Lg 14:24:22.040 0.3 T__ ___ 6397878 FDSN MN -- BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A273A 1.26 74.2 Sn 14:24:25.765 -1.1 T__ ___ 6397880 FDSN Z3 00 BUD iLoc HHE ??? _
OBKA 1.41 311.5 Pg 14:24:11.163 -0.3 T__ 135.7 ___ ML 2.4 6397882 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.41 311.5 Lg 14:24:29.267 -1.2 T__ ___ 6397881 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOVH 1.50 69.7 Sn 14:24:32.126 -0.6 T__ ___ 6397884 FDSN HU -- BUD iLoc HHE ??? _
ARSA 1.71 347.3 Lg 14:24:39.203 -0.3 T__ ___ 6397885 FDSN OE -- BUD iLoc HHE ??? _
MORH 1.90 69.7 Pn 14:24:19.385 1.6 T__ 54.1 ___ ML 2.3 6397887 FDSN HU -- BUD iLoc HHZ HHZ _

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MORH 1.90 69.7 Sn 14:24:44.195 1.8 T\_\_ --- 6397886 FDSN HU -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/24	08:45:16.74	1.15	1.00	48.0745	20.6720	6.7	3.9	161	0.0f	10	5	194	0.11	0.55	kx	BUD	17000724	BUD				265
2021/03/24	08:45:16.62	0.93	0.87	48.0750	20.6990f				0.0f	10	5	195	0.13	0.56	kx	BUD_GT	17000725	BUD_GT				268

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD_GT	17000725

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	292.1	Pg	08:45:19.525	-0.3					T__		802.3		---	ML	1.6	6399510	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	08:45:21.127	-1.4					T__				---		6399511	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
ABAH	0.42	58.4	Pg	08:45:26.349	1.0					T__		107.0		---	ML	1.5	6399508	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	08:45:31.483	-1.3					T__				---		6399512	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.43	340.8	Pg	08:45:26.200	0.8					T__		55.0		---	ML	1.2	6399507	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	340.8	Lg	08:45:32.601	0.4					T__				---		6399513	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
JOS	0.43	345.9	Pg	08:45:25.753	0.3					T__		101.1		---	ML	1.5	6399505	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	08:45:32.011	-0.2					T__				---		6399506	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
PSZ	0.56	254.1	Pg	08:45:29.403	0.6					T__		109.5		---	ML	1.9	6399509	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.56	254.1	Lg	08:45:36.773	-0.9					T__				---		6399514	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/03/24	09:32:05.39	1.88	0.37	48.5599	20.7810	10.3	5.8	20	0.0	4.0	11	7	150	0.17	0.92	sx	BUD	17000726	BUD				241

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.6	4 BUD	17000726

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.17	248.3	Pg	09:32:09.243	0.2					T__		365.4		---	ML	1.3	6399551	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	248.3	Lg	09:32:12.218	0.3					T__				---		6399550	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
KECS	0.21	248.7	Pg	09:32:09.759	-0.1					T__		35.5		---	ML	0.4	6399549	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	248.7	Lg	09:32:12.963	-0.3					T__				---		6399548	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1																									

ABAH	0.40	130.7	Lg	09:32:20.711	-0.0	T__								6399547	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.47	201.4	Pg	09:32:15.278	-0.1	T__	65.9							6399552	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	201.4	Lg	09:32:23.394	0.4	T__								6399546	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=1)																						
PSZ	0.87	223.0	Lg	09:32:36.251	-0.7	T__								6399555	FDSN	GE	--	BUD	iLoc	HHE	???	_
ET1H	0.91	222.1	Lg	09:32:37.890	0.0	T__								6399556	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	0.92	339.9	Pn	09:32:25.001	0.3	T__	149.1							6399553	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.92	339.9	Lg	09:32:35.580	-0.1	T__								6399554	FDSN	PL	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/24	10:30:44.60	0.82	0.63	48.8414	20.4369	4.9	3.1	71	0.0f		22	12	93	0.35	1.57	sx	BUD	17000728	BUD			125

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	11 BUD	17000728

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.35	168.8	Pg	10:30:51.981	0.3					T__		348.0		_c_	ML	1.8	6399625	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.35	168.8	Lg	10:30:57.417	0.2					T__						6399604	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
KECS	0.36	174.8	Pg	10:30:52.052	0.2					T__	971.7			___	ML	2.3	6399606	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.36	174.8	Lg	10:30:57.715	0.3					T__						6399605	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
NIE	0.58	351.2	Pg	10:30:55.778	0.1					T__	206.6			___	ML	2.1	6399607	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.58	351.2	Lg	10:31:03.079	-1.0					T__						6399608	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
LANS	0.71	296.2	Pg	10:30:58.758	0.1					T__	154.6			___	ML	2.1	6399610	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
LANS	0.71	296.2	Lg	10:31:09.039	0.8					T__						6399609	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU02A	0.72	175.3	Pg	10:30:59.428	-0.1					T__	176.1			___	ML	2.1	6399611	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ABAH	0.76	135.4	Pg	10:30:59.726	-0.0					T__	206.9			___	ML	2.2	6399612	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
PSZ	0.99	201.6	Pn	10:31:04.942	-0.0					T__	142.5			___	ML	2.2	6399613	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.99	201.6	Lg	10:31:19.246	-0.9					T__						6399614	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
ET1H	1.03	201.6	Pn	10:31:05.836	0.5					T__	136.7			___	ML	2.2	6399616	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.03	201.6	Lg	10:31:20.438	-0.7					T__						6399615	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
VYHS	1.12	252.5	Pn	10:31:07.251	0.6					T__	41.1			___	ML	1.7	6399617	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.12	252.5	Lg	10:31:22.003	-1.1					T__						6399618	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

```

(Station ML: 1.7 magdef=0
KOLS 1.22 85.0 Pg 10:31:07.698 0.1 T__ --- 6399619 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.22 85.0 Lg 10:31:24.312 -1.3 T__ --- 6399620 FDSN SK -- BUD iLoc HHE ??? _
OJC 1.44 343.5 Pn 10:31:12.019 0.5 T__ 173.4 --- ML 2.5 6399622 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.44 343.5 Lg 10:31:31.763 0.5 T__ --- 6399621 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
TRPA 1.57 116.2 Pn 10:31:13.658 0.9 T__ 111.8 --- ML 2.4 6399623 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.57 116.2 Sn 10:31:34.892 -0.1 T__ --- 6399624 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/24 11:46:14.48 3.25 1.15 48.9079 21.1660 26.1 6.2 91 0.0f 7 4 256 0.59 0.89 sx BUD 17000730 BUD 341

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 3 BUD 17000730

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.59 225.4 Pg 11:46:27.044 0.9 T__ 61.2 --- ML 1.6 6399714 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.59 225.4 Lg 11:46:34.718 -0.2 T__ --- 6399715 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.62 226.9 Pg 11:46:26.970 0.1 T__ 96.6 --- ML 1.8 6399717 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.62 226.9 Lg 11:46:35.314 -0.8 T__ --- 6399716 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.76 312.3 Pg 11:46:28.950 0.0 T__ 150.9 --- ML 2.1 6399718 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.76 312.3 Lg 11:46:40.008 0.2 T__ --- 6399719 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 0.89 208.7 Lg 11:46:44.627 -1.9 T__ --- 6399720 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/25 09:16:59.89 2.79 0.44 46.1286 18.0184 20.1 7.9 90 0.0f 5 3 257 0.07 0.44 kx BUD 17000732 BUD 313
2021/03/25 09:16:59.98 1.02 0.39 46.1204 18.0243f 0.0f 5 3 260 0.06 0.44 kx BUD_GT 17000733 BUD_GT 316

```

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

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KOVH 0.06 121.4 Pg 09:17:02.104 0.2 T__ 1662.2 _c ML 1.7 6400213 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.06 121.4 Lg 09:17:03.594 -0.2 T__ --- 6400214 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A266A 0.44 22.3 Lg 09:17:15.626 -0.7 T__ 6400215 FDSN Z3 00 BUD iLoc HHE ??? _
MORH 0.44 77.4 Pg 09:17:09.442 0.2 T__ 35.9 --- ML 1.1 6400217 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.44 77.4 Lg 09:17:16.148 -0.2 T__ --- 6400216 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1

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(Station ML: 1.1 magdef=1)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/25	09:27:38.51	2.49	1.22	47.3627	18.3249	14.5	5.1	91	0.0f		10	6	117	0.04	1.20	sx	BUD	17000734	BUD			225

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	4 BUD	17000734

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.04	270.6	Pg	09:27:39.892	-0.2					T__		997.3		---	ML	1.4	6400243	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.04	270.6	Lg	09:27:41.422	-0.4					T__				---		6400242	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW1	0.05	304.0	Pg	09:27:40.523	0.3					T__		547.0		---	ML	1.2	6400246	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	304.0	Lg	09:27:41.798	-0.4					T__				---		6400247	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW2	0.10	232.1	Pg	09:27:41.492	0.4					T__		134.2		---	ML	0.7	6400249	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.10	232.1	Lg	09:27:42.970	-0.7					T__				---		6400248	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
MSW3	0.14	278.7	Pg	09:27:42.594	0.8					T__		176.0		---	ML	0.9	6400244	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.14	278.7	Lg	09:27:44.704	-0.2					T__				---		6400250	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MORH	1.17	169.1	Sn	09:28:17.360	-1.1					T__				---		6400245	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.20	61.8	Sn	09:28:17.278	-2.8					T__				---		6400251	FDSN	GE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/26	08:28:44.34	1.06	0.63	47.4369	18.7363	7.8	3.6	154	0.0f		12	9	173	0.20	1.06	kx	BUD	17000736	BUD			191
2021/03/26	08:28:44.68	0.92	0.78	47.4680	18.6970f				0.0f		12	9	157	0.22	1.03	kx	BUD_GT	17000737	BUD_GT			183

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD_GT	17000737

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BUD	0.22	85.9	Lg	08:28:52.775	-1.3					T__				---		6402278	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.27	308.8	Lg	08:28:56.612	0.9					T__				---		6402280	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW1	0.31	256.0	Pg	08:28:51.437	0.1					T__		199.8		---	ML	1.5	6402282	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.31	256.0	Lg	08:28:56.252	-0.7					T__				---		6402283	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CSKK	0.31	250.7	Pg	08:28:51.918	0.5					T__		194.2		---	ML	1.5	6402279	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.31	250.7	Lg	08:28:56.769	-0.5					T__				---		6402276	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MSW2	0.37	243.5	Pg	08:28:52.996	0.5					T__		70.9		---	ML	1.2	6402285	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.37	243.5	Lg	08:28:58.819	-0.3					T__				---		6402284	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW3 0.40 257.8 Lg 08:29:00.332 0.4 T__ --- 6402286 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.44 29.8 Lg 08:29:01.389 0.0 T__ --- 6402275 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 0.93 60.4 Lg 08:29:16.885 -1.5 T__ --- 6402277 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.03 5.1 Sn 08:29:21.458 -0.7 T__ --- 6402281 FDSN SK -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/27 03:55:49.34 1.01 0.38 47.6332 20.3256 6.2 3.1 26 3.0f 6 3 135 0.03 0.05 ke BUD 17000738 BUD 254

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 3 BUD 17000738

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
TENKA 0.03 35.7 Pg 03:55:50.544 0.2 T__ 2561.2 _d ML 1.8 6405629 FDSN HU -- BUD iLoc HHZ HHZ _
TENKA 0.03 35.7 Lg 03:55:50.933 -0.3 T__ --- 6405630 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ATANC 0.03 140.9 Pg 03:55:50.563 0.2 T__ 4251.9 _c ML 2.0 6405632 FDSN HU -- BUD iLoc HHZ HHZ _
ATANC 0.03 140.9 Lg 03:55:50.895 -0.4 T__ --- 6405631 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU23A 0.05 276.4 Pg 03:55:51.022 0.2 T__ 144.3 ___ ML 0.6 6405633 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.05 276.4 Lg 03:55:51.840 -0.3 T__ --- 6405634 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/27 09:10:37.18 1.02 0.60 46.1527 18.2950 10.5 3.7 157 0.0f 5 3 169 0.15 0.37 kx BUD 17000740 BUD 281
2021/03/27 09:10:37.20 1.01 0.55 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17000741 BUD_GT 275
(locality : Komló Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 09:10:41.035 -0.0 T__ 641.9 ___ ML 1.6 6407757 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 09:10:43.506 -0.6 T__ --- 6407761 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 0.25 80.9 Pg 09:10:43.047 0.3 T__ 309.7 ___ ML 1.5 6407760 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 09:10:46.548 -0.6 T__ --- 6407759 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A266A 0.35 356.8 Lg 09:10:51.168 0.6 T__ --- 6407758 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/27 11:41:53.33 1.45 0.68 48.4891 20.7621 8.8 5.0 86 0.0f 8 4 221 0.15 0.98 sx BUD 17000742 BUD 290

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Magnitude Err Nsta Author OrigID  
ML 1.3 0.3 4 BUD 17000742

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.15	272.7	Pg	11:41:56.307	-0.2					T__		228.9		___	ML	1.1	6407784	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	272.7	Lg	11:41:59.362	0.3					T__				---		6407785	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
KECS	0.18	268.3	Pg	11:41:56.680	-0.6					T__		479.4		___	ML	1.5	6407786	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	268.3	Lg	11:42:01.187	0.9					T__				---		6407791	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU02A	0.40	203.4	Pg	11:42:01.579	-0.3					T__		42.0		___	ML	1.0	6407788	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.40	203.4	Lg	11:42:09.197	0.7					T__				---		6407787	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
NIE	0.98	342.0	Pg	11:42:12.159	0.3					T__		69.2		___	ML	1.9	6407789	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.98	342.0	Lg	11:42:25.048	-0.7					T__				---		6407790	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/29	07:19:50.28	0.97	0.99	47.1046	17.9794	10.9	3.5	104	0.0f		13	9	157	0.21	1.02	sx	BUD	17000744	BUD			183

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 5 BUD 17000744

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.21	196.1	Pg	07:19:55.320	0.2					T__		1279.8		___	ML	2.0	6418045	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
MSW2	0.25	38.5	Lg	07:19:59.766	-1.1					T__				---		6418046	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.30	19.7	Pg	07:19:57.798	1.1					T__		449.1		___	ML	1.8	6418048	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.30	19.7	Lg	07:20:01.552	-0.7					T__				---		6418047	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
CSKK	0.32	36.4	Lg	07:20:02.087	-1.2					T__				---		6418039	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.33	353.4	Lg	07:20:02.683	-0.6					T__				---		6418038	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MSW1	0.35	33.3	Pg	07:19:58.256	0.6					T__		107.3		___	ML	1.3	6418049	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.35	33.3	Lg	07:20:03.016	-1.0					T__				---		6418050	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
MORH	1.00	152.6	Pn	07:20:10.059	-0.2					T__		40.1		___	ML	1.7	6418042	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.00	152.6	Lg	07:20:26.152	1.3					T__				---		6418043	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KOVH	1.02	175.3	Pn	07:20:09.687	-0.9					T__		61.2		___	ML	1.9	6418041	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.02	175.3	Lg	07:20:25.034	-0.8					T__				---		6418040	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU10A	1.02	43.2	Sn	07:20:26.077	-0.9					T__				---		6418044	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/29	09:06:22.98	1.66	1.25	47.7798	19.1406	14.2	3.7	14	0.0f	8	5	230	0.11	0.74	sx	BUD	17000746	BUD				265

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	17000746

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.11	308.5	Pg	09:06:25.952	0.3					T__		853.9		---	ML	1.5	6418179	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.11	308.5	Lg	09:06:27.240	-0.7					T__				---		6418186	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU03A	0.33	68.0	Lg	09:06:36.457	0.8					T__				---		6418180	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.50	78.3	Pg	09:06:33.701	-0.1					T__		38.9		---	ML	1.3	6418182	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	78.3	Lg	09:06:41.077	-0.6					T__				---		6418181	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.53	74.4	Lg	09:06:42.343	-0.6					T__				---		6418183	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.74	344.2	Pg	09:06:39.587	1.4					T__		20.6		---	ML	1.2	6418185	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.74	344.2	Lg	09:06:47.186	-2.0					T__				---		6418184	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/03/29	10:46:32.51	1.01	1.39	47.8857	20.1391	6.5	3.7	159	0.0f	8	5	115	0.17	0.67	kx	BUD	17000748	BUD				220		
2021/03/29	10:46:32.10	0.96	1.06	47.8650	20.1529f				0.0f	8	5	119	0.18	0.68	kx	BUD_GT	17000749	BUD_GT				230		
(locality : Kisnána Hungary)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	3 BUD_GT	17000749

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	10:46:36.745	0.2					T__		475.1		---	ML	1.5	6418268	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:46:39.501	-0.7					T__				---		6418267	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.19	274.4	Pg	10:46:36.648	0.1					T__		349.0		---	ML	1.4	6418263	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	10:46:39.818	-0.2					T__				---		6418269	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU23A	0.24	163.9	Lg	10:46:43.826	2.1					T__				---		6418270	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.36	44.0	Pg	10:46:39.427	-0.5					T__		84.7		---	ML	1.2	6418265	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:46:45.615	-0.5					T__				---		6418264	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.68	22.1	Sn	10:46:58.798	-1.6					T__				---		6418266	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/29	15:59:02.86	1.46	0.15	47.8634	16.0318	53.8	3.6	35	2.0f	7	4	163	0.13	1.22	ke	BUD	17000750	BUD				284

Magnitude Err Nsta Author OrigID  
ML 0.7 0.1 3 BUD 17000750

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CONA	0.13	299.6	Pg	15:59:05.774	0.0					T__		96.2		---	ML	0.6 6418321	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	299.6	Lg	15:59:07.711	-0.1					T__				---		6418320	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.6 magdef=1)																								
(Station ML: 0.6 magdef=1)																								
RONA	0.24	132.5	Pg	15:59:07.972	0.0					T__		57.9		---	ML	0.7 6418322	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	132.5	Lg	15:59:11.325	-0.1					T__				---		6418323	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
A013A	0.47	295.7	Pg	15:59:11.995	0.1					T__		68.2		---	ML	1.4 6418325	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.47	295.7	Lg	15:59:17.956	0.0					T__				---		6418324	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
KRUC	1.22	11.3	Sn	15:59:43.734	0.2					T__				---		6418326	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/29	21:06:05.60	0.79	0.47	47.3525	18.2235	3.2	2.6	102	4.7	4.3	33	20	89	0.03	1.35	ke	BUD	17000752	BUD			98

Magnitude Err Nsta Author OrigID  
ML 1.8 0.3 14 BUD 17000752

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CSKK	0.03	67.1	Pg	21:06:07.098	0.2					T__		3539.0		---	ML	1.9 6420482	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.03	67.1	Lg	21:06:07.824	-0.4					T__				---		6420483	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
MSW1	0.05	30.8	Pg	21:06:07.178	0.0					T__		4742.8		---	ML	2.1 6420512	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	30.8	Lg	21:06:08.501	-0.1					T__				---		6420511	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=0)																								
MSW2	0.05	189.7	Pg	21:06:07.252	0.0					T__		1144.7		---	ML	1.5 6420509	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.05	189.7	Lg	21:06:08.662	-0.1					T__				---		6420510	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
MSW3	0.07	294.9	Pg	21:06:07.615	0.1					T__		979.3		_c_	ML	1.5 6420513	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.07	294.9	Lg	21:06:09.117	-0.2					T__				---		6420514	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU08A	0.22	291.3	Pg	21:06:09.948	-0.3					T__		117.9		---	ML	1.0 6420485	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.22	291.3	Lg	21:06:13.505	-0.5					T__				---		6420484	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=0)																								
HU09A	0.31	20.6	Pg	21:06:11.676	-0.2					T__		178.1		---	ML	1.4 6420495	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.31	20.6	Lg	21:06:16.015	-1.1					T__				---		6420496	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
A267A	0.44	156.4	Pg	21:06:14.753	0.2					T__		142.0		---	ML	1.7 6420488	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.44	156.4	Lg	21:06:21.179	-0.5					T__				---		6420489	FDSN	Z3	00	BUD	iLoc	HHN	???	_



JOS 0.53 12.4 Lg 06:24:18.899 0.1 T\_\_ --- 6421684 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/30	08:17:09.87	4.04	1.16	48.8226	21.0272	26.4	21.4	152	0.0f	6	4	338	0.46	1.18	sx	BUD	17000756	BUD				353

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.46	224.9	Pg	08:17:18.923	-0.2					T__		69.0		---	ML	1.4	6422762	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	224.9	Lg	08:17:26.821	0.7					T__				---		6422763	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KECS	0.49	226.8	Lg	08:17:27.193	-0.1					T__				---		6422764	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.78	205.7	Pg	08:17:26.299	0.4					T__	45.4			---	ML	1.6	6422766	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	205.7	Lg	08:17:37.028	-0.9					T__				---		6422765	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
PSZ	1.18	220.3	Sn	08:17:49.410	-1.6					T__				---		6422767	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/30	09:41:34.50	0.94	0.72	48.2489	21.2459	5.3	4.6	158	0.0f	23	14	80	0.05	1.76	kx	BUD	17000758	BUD				128
2021/03/30	09:41:34.49	0.84	0.52	48.2470	21.2460f				0.0f	23	14	80	0.05	1.76	kx	BUD_GT	17000759	BUD_GT				128

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

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.1 9 BUD\_GT 17000759

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	09:41:35.937	-0.1					T__	19309.8			---	ML	2.7	6422867	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:41:37.465	-0.2					T__				---		6422868	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0																									
HU02A	0.50	255.8	Pg	09:41:44.692	-0.4					T__	117.8			---	ML	1.8	6422869	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:41:52.450	-0.7					T__				---		6422881	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
JOS	0.53	298.1	Pg	09:41:45.288	0.1					T__	208.9			---	ML	2.1	6422870	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:41:52.738	-0.6					T__				---		6422871	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
KECS	0.56	295.3	Pg	09:41:46.070	0.3					T__	250.9			---	ML	2.2	6422872	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	09:41:54.461	0.1					T__				---		6422882	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
TENKA	0.85	225.8	Lg	09:42:05.488	0.5					T__				---		6422884	FDSN	HU	--	BUD	iLoc	HHE	???	_	
TRPA	0.87	97.2	Pg	09:41:51.630	0.1					T__	140.3			---	ML	2.1	6422883	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	09:42:04.807	-1.1					T__				---		6422873	FDSN	HU	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU23A 0.90 228.1 Sn 09:42:08.682 0.5 T__ --- 6422875 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.96 250.6 Pn 09:41:54.526 0.2 T__ 89.3 --- ML 2.0 6422877 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.6 Lg 09:42:09.054 -0.2 T__ --- 6422876 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOLS 0.97 44.4 Pn 09:41:54.228 -0.2 T__ --- 6422874 FDSN SK -- BUD iLoc HHZ ??? _
ET1H 0.99 248.7 Pn 09:41:54.824 0.3 T__ 63.7 --- ML 1.9 6422878 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 248.7 Lg 09:42:09.287 -0.5 T__ --- 6422885 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU03A 1.16 253.3 Lg 09:42:15.536 0.2 T__ --- 6422879 FDSN ZJ 00 BUD iLoc HHE ??? _
NIE 1.33 332.3 Pg 09:42:00.719 1.2 T__ 83.7 --- ML 2.2 6422886 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.33 332.3 Sn 09:42:19.634 0.2 T__ --- 6422880 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
VYHS 1.63 279.6 Sn 09:42:26.870 0.6 T__ --- 6422887 FDSN SK -- BUD iLoc HHE ??? _
DRGR 1.76 145.2 Pn 09:42:05.935 0.5 T__ 64.5 --- ML 2.3 6422889 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.76 145.2 Sn 09:42:28.882 -0.7 T__ --- 6422888 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/30 10:02:53.73 0.94 1.16 48.8487 21.3633 5.3 4.0 163 0.0f 17 9 132 0.56 1.71 sx BUD 17000760 BUD 182

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 8 BUD 17000760

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.56 188.5 Pg 10:03:05.016 0.0 T__ 96.7 --- ML 1.8 6422946 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.56 188.5 Lg 10:03:13.658 -0.7 T__ --- 6422945 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
KOLS 0.61 81.6 Pg 10:03:06.308 0.9 T__ --- 6422949 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.61 81.6 Lg 10:03:15.099 -0.2 T__ --- 6422950 FDSN SK -- BUD iLoc HHE ??? _
JOS 0.65 237.4 Pg 10:03:08.890 2.2 T__ 89.4 --- ML 1.8 6422939 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 237.4 Lg 10:03:15.447 -1.0 T__ --- 6422940 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.69 238.2 Pg 10:03:09.039 1.6 T__ 135.7 --- ML 2.0 6422942 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.69 238.2 Lg 10:03:16.490 -1.2 T__ --- 6422941 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 0.90 309.6 Pg 10:03:10.380 -0.4 T__ 101.6 --- ML 2.0 6422947 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.90 309.6 Lg 10:03:21.656 -1.9 T__ --- 6422951 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.92 217.8 Pg 10:03:11.572 -1.0 T__ 64.0 --- ML 1.8 6422943 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.92 217.8 Lg 10:03:25.728 -0.7 T__ --- 6422944 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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TRPA 1.06 132.1 Pg 10:03:13.758 -0.5 T__ 93.2 ___ ML 2.1 6422952 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.06 132.1 Lg 10:03:30.298 -0.4 T__ ___ 6422953 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
PSZ 1.35 227.0 Pn 10:03:20.215 1.2 T__ 68.4 ___ ML 2.1 6422948 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.35 227.0 Sn 10:03:38.947 -0.2 T__ ___ 6422955 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
VYHS 1.71 259.0 Pn 10:03:24.785 0.7 T__ 24.2 ___ ML 1.8 6422954 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/30 11:01:08.65 1.35 0.74 47.2358 18.2820 10.6 6.6 75 0.0f 7 4 172 0.08 1.05 sx BUD 17000762 BUD 330

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Magnitude Err Nsta Author OrigID
ML 0.9 0.0 3 BUD 17000762

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MSW2 0.08 324.0 Pg 11:01:11.121 0.1 T__ 221.1 ___ ML 0.9 6422989 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.08 324.0 Lg 11:01:12.752 -0.5 T__ ___ 6422988 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
CSKK 0.13 353.4 Pg 11:01:12.191 0.3 T__ 160.6 ___ ML 0.9 6422990 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.4 Lg 11:01:14.434 -0.5 T__ ___ 6422991 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.18 324.3 Pg 11:01:13.568 0.7 T__ 101.2 ___ ML 0.8 6422992 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.18 324.3 Lg 11:01:15.811 -0.8 T__ ___ 6422993 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MORH 1.05 166.2 Lg 11:01:44.256 -0.6 T__ ___ 6422994 FDSN HU -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/03/30 16:25:01.28 0.67 0.87 47.7829 16.1838 3.2 2.6 43 9.4 5.3 129 79 45 0.11 4.32 ke BUD 17000764 BUD 76

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Magnitude Err Nsta Author OrigID
ML 4.4 0.1 76 BUD 17000764

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.11 137.6 Pg 16:25:04.147 -0.2 T__ 169951.4 _c_ ML 3.8 6423718 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 137.6 Lg 16:25:06.084 -0.5 T__ ___ 6423712 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 3.8 magdef=1
(Station ML: 3.8 magdef=0
A004A 0.23 38.4 Pg 16:25:06.978 0.8 T__ 236896.9 ___ ML 4.3 6423711 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.23 38.4 Lg 16:25:11.970 2.3 T__ ___ 6423710 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 4.3 magdef=1
(Station ML: 4.3 magdef=1
CONA 0.26 304.0 Pg 16:25:06.605 -0.3 T__ 81380.0 _c_ ML 3.9 6423719 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 304.0 Lg 16:25:09.586 -1.2 T__ ___ 6423709 FDSN OE -- BUD iLoc HHE ??? _

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(Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0 SOP 0.27 111.4 Pg 16:25:07.052 -0.0	T__	96956.2	_c_ ML	4.0 6423720	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
SOP 0.27 111.4 Lg 16:25:10.927 -0.1	T__		---	6423715	FDSN HU	-- BUD	iLoc	HNN ???	_
(Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0 A005B 0.59 1.4 Pg 16:25:13.561 0.7	T__	240464.6	_d_ ML	5.2 6423726	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A005B 0.59 1.4 Lg 16:25:21.943 0.7	T__		---	6423725	FDSN Z3	00 BUD	iLoc	HHE ???	_
(Reading ML: 5.2 magdef=1 (Station ML: 5.2 magdef=0 A013A 0.59 298.5 Pg 16:25:12.789 -0.1	T__	46602.3	_c_ ML	4.5 6423721	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A013A 0.59 298.5 Lg 16:25:20.806 0.2	T__		---	6423722	FDSN Z3	00 BUD	iLoc	HNN ???	_
(Reading ML: 4.5 magdef=1 (Station ML: 4.5 magdef=1 A260A 0.61 144.5 Pg 16:25:13.412 -0.2	T__	27040.6	_c_ ML	4.3 6423723	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A260A 0.61 144.5 Lg 16:25:21.682 -0.2	T__		---	6423724	FDSN Z3	00 BUD	iLoc	HHE ???	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 A008A 0.69 328.9 Pg 16:25:14.577 0.1	T__	80453.9	___ ML	4.8 6423713	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A008A 0.69 328.9 Lg 16:25:23.667 -0.3	T__		---	6423714	FDSN Z3	00 BUD	iLoc	HH2 ???	_
(Reading ML: 4.8 magdef=1 (Station ML: 4.8 magdef=0 ARSA 0.70 220.3 Pg 16:25:13.933 -0.9	T__	105440.1	___ ML	4.9 6423727	FDSN OE	-- BUD	iLoc	HHZ HHZ	_
ARSA 0.70 220.3 Lg 16:25:22.986 -0.7	T__		---	6423728	FDSN OE	-- BUD	iLoc	HHE ???	_
(Reading ML: 4.9 magdef=1 (Station ML: 4.9 magdef=0 A018A 0.75 267.4 Pg 16:25:15.293 -0.6	T__	60088.9	_c_ ML	4.7 6423766	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.7 magdef=1 (Station ML: 4.7 magdef=0 EGYH 0.86 114.8 Pn 16:25:18.422 -0.2	T__	33816.9	___ ML	4.5 6423729	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
EGYH 0.86 114.8 Lg 16:25:30.483 -0.2	T__		---	6423767	FDSN HU	-- BUD	iLoc	HHE ???	_
(Reading ML: 4.5 magdef=1 (Station ML: 4.5 magdef=1 MODS 0.94 50.7 Pn 16:25:19.428 -0.6	T__		---	6423732	FDSN SK	-- BUD	iLoc	HHZ ???	_
MODS 0.94 50.7 Sn 16:25:32.942 -1.1	T__		---	6423768	FDSN SK	-- BUD	iLoc	HHE ???	_
A262A 0.95 165.6 Pn 16:25:20.192 0.3	T__	20062.5	___ ML	4.3 6423730	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A262A 0.95 165.6 Sn 16:25:32.737 -0.6	T__		---	6423828	FDSN Z3	00 BUD	iLoc	HNN ???	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 A006A 0.96 353.6 Pg 16:25:19.503 -0.5	T__	59803.9	___ ML	4.8 6423731	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A006A 0.96 353.6 Lg 16:25:32.607 -1.4	T__		---	6423716	FDSN Z3	00 BUD	iLoc	HNN ???	_
(Reading ML: 4.8 magdef=1 (Station ML: 4.8 magdef=0 A001A 0.98 15.9 Pn 16:25:20.639 0.0	T__	17098.2	_d_ ML	4.3 6423733	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A001A 0.98 15.9 Sn 16:25:34.023 -0.9	T__		---	6423717	FDSN Z3	00 BUD	iLoc	HH3 ???	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 A339A 0.99 86.8 Pg 16:25:20.713 -0.3	T__	23168.5	___ ML	4.4 6423734	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A339A 0.99 86.8 Sn 16:25:35.326 0.5	T__		---	6423769	FDSN Z3	00 BUD	iLoc	HHE ???	_
(Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 A261A 1.06 141.4 Pg 16:25:21.570 -0.4	T__	19456.0	___ ML	4.4 6423735	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.4 magdef=1									

(Station ML: 4.4 magdef=1																			
MPLH	1.11	123.2	Pn	16:25:21.775	-0.2	T__	9479.4	___	ML	4.1	6423736	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.11	123.2	Sn	16:25:37.449	-0.0	T__		---			6423770	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 4.1 magdef=1																			
(Station ML: 4.1 magdef=0																			
A337A	1.17	66.2	Pn	16:25:23.488	0.5	T__	19844.3	---	ML	4.4	6423737	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	1.17	66.2	Sn	16:25:40.169	0.7	T__		---			6423771	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 4.4 magdef=1																			
(Station ML: 4.4 magdef=1																			
HU08A	1.23	106.0	Pn	16:25:23.693	0.0	T__	31192.5	---	ML	4.7	6423738	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.23	106.0	Sn	16:25:41.212	0.6	T__		---			6423772	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 4.7 magdef=1																			
(Station ML: 4.7 magdef=0																			
KRUC	1.29	6.2	Pn	16:25:24.625	-0.2	T__	22083.7	_d_	ML	4.6	6423740	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.29	6.2	Sn	16:25:41.733	-0.4	T__		---			6423773	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 4.6 magdef=1																			
(Station ML: 4.6 magdef=1																			
KOGS	1.34	178.0	Pn	16:25:25.221	-0.1	T__	11264.5	---	ML	4.3	6423739	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.34	178.0	Lg	16:25:45.226	1.1	T__		---			6423784	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 4.3 magdef=1																			
(Station ML: 4.3 magdef=1																			
BEHE	1.37	162.7	Pg	16:25:26.375	-1.3	T__	16523.9	---	ML	4.5	6423741	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.37	162.7	Lg	16:25:44.711	-0.9	T__		---			6423829	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 4.5 magdef=1																			
(Station ML: 4.5 magdef=1																			
MSW3	1.37	106.2	Pn	16:25:25.592	-0.0	T__	11195.3	_d_	ML	4.3	6423830	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	1.37	106.2	Sn	16:25:44.654	0.5	T__		---			6423831	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW3	1.37	106.2	Lg	16:25:47.035	-0.3	T__		---			6423832	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 4.3 magdef=1																			
(Station ML: 4.3 magdef=1																			
A263A	1.38	145.6	Pg	16:25:26.431	-1.4	T__	16069.4	---	ML	4.5	6423742	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.38	145.6	Lg	16:25:46.651	0.8	T__		---			6423774	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 4.5 magdef=1																			
(Station ML: 4.5 magdef=1																			
SR0	1.44	88.0	Pn	16:25:26.450	-0.1	T__	31947.0	_c_	ML	4.8	6423743	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	1.44	88.0	Sn	16:25:46.921	1.0	T__		---			6423785	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 4.8 magdef=1																			
(Station ML: 4.8 magdef=0																			
MSW2	1.46	108.6	Pn	16:25:26.657	-0.1	T__	12080.7	_d_	ML	4.4	6423834	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	1.46	108.6	Sn	16:25:46.231	-0.0	T__		---			6423835	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 4.4 magdef=1																			
(Station ML: 4.4 magdef=1																			
MSW1	1.46	104.8	Pn	16:25:26.752	-0.1	T__	8449.5	---	ML	4.2	6423836	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.2 magdef=1																			
(Station ML: 4.2 magdef=1																			
TIH	1.46	126.6	Pn	16:25:27.222	0.5	T__	23513.3	---	ML	4.7	6423786	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	1.46	126.6	Lg	16:25:49.065	-0.1	T__		---			6423833	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 4.7 magdef=1																			
(Station ML: 4.7 magdef=0																			
JAVC	1.46	42.1	Pn	16:25:28.320	0.8	T__	7493.5	_d_	ML	4.2	6423837	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.2 magdef=1																			
(Station ML: 4.2 magdef=1																			
CSKK	1.47	105.9	Pn	16:25:27.027	0.1	T__	11893.5	---	ML	4.4	6423744	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

CSKK	1.47	105.9	Lg	16:25:50.301	-0.2	T__		---	6423775	FDSN	HU	--	BUD	iLoc	HHE	???	_		
		(Reading ML: 4.4 magdef=1																	
		(Station ML: 4.4 magdef=1																	
A338A	1.48	80.1	Pn	16:25:27.363	0.2	T__	14975.7	---	ML	4.5	6423745	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	1.48	80.1	Lg	16:25:50.972	-0.1	T__		---		6423776	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
		(Reading ML: 4.5 magdef=1																	
		(Station ML: 4.5 magdef=1																	
HU09A	1.49	94.7	Pn	16:25:27.139	-0.1	T__	10848.3	---	ML	4.4	6423746	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
		(Reading ML: 4.4 magdef=1																	
		(Station ML: 4.4 magdef=1																	
VRAC	1.55	10.0	Pn	16:25:28.275	-0.2	T__	4047.8	_d	ML	4.0	6423747	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.55	10.0	Sn	16:25:48.766	0.2	T__		---		6423787	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 4.0 magdef=1																	
		(Station ML: 4.0 magdef=0																	
TREC	1.58	343.2	Pn	16:25:29.654	0.6	T__	43095.1	---	ML	5.0	6423748	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.58	343.2	Sn	16:25:50.196	1.1	T__		---		6423827	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 5.0 magdef=1																	
		(Station ML: 5.0 magdef=0																	
CKRC	1.63	310.4	Pn	16:25:30.008	0.4	T__	25588.9	---	ML	4.8	6423749	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.63	310.4	Sn	16:25:51.307	0.6	T__		---		6423777	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 4.8 magdef=1																	
		(Station ML: 4.8 magdef=0																	
OBKA	1.69	221.8	Pn	16:25:30.492	-0.5	T__	12741.6	---	ML	4.5	6423750	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.69	221.8	Lg	16:25:55.889	0.5	T__		---		6423778	FDSN	OE	--	BUD	iLoc	HHE	???	_	
		(Reading ML: 4.5 magdef=1																	
		(Station ML: 4.5 magdef=1																	
A265A	1.75	140.4	Pn	16:25:31.814	1.1	T__	17023.9	---	ML	4.7	6423751	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	1.75	140.4	Lg	16:25:58.720	1.3	T__		---		6423779	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
		(Reading ML: 4.7 magdef=1																	
		(Station ML: 4.7 magdef=0																	
A267A	1.77	117.3	Pn	16:25:31.777	0.8	T__	8832.9	---	ML	4.4	6423752	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	1.77	117.3	Lg	16:26:00.732	0.9	T__		---		6423780	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
		(Reading ML: 4.4 magdef=1																	
		(Station ML: 4.4 magdef=1																	
A264A	1.79	154.6	Pg	16:25:34.503	-0.8	T__	6336.0	---	ML	4.3	6423788	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	1.79	154.6	Sn	16:25:54.697	1.2	T__		---		6423782	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A264A	1.79	154.6	Lg	16:26:00.359	2.1	T__		---		6423781	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
		(Reading ML: 4.3 magdef=1																	
		(Station ML: 4.3 magdef=1																	
PTJ	1.88	184.6	Pn	16:25:33.174	-0.2	T__	5385.4	---	ML	4.3	6423753	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.88	184.6	Lg	16:26:01.775	-0.2	T__		---		6423783	FDSN	CR	--	BUD	iLoc	BHE	???	_	
		(Reading ML: 4.3 magdef=1																	
		(Station ML: 4.3 magdef=1																	
A266A	1.90	130.8	Pn	16:25:33.360	0.7	T__	6266.1	---	ML	4.4	6423754	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
		(Reading ML: 4.4 magdef=1																	
		(Station ML: 4.4 magdef=1																	
A271A	1.90	108.3	Pn	16:25:33.826	0.9	T__	6949.8	---	ML	4.4	6423756	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A271A	1.90	108.3	Lg	16:26:04.875	0.1	T__		---		6423789	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
		(Reading ML: 4.4 magdef=1																	
		(Station ML: 4.4 magdef=1																	
HU10A	1.91	87.1	Pn	16:25:33.025	-0.1	T__	7494.5	---	ML	4.4	6423757	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	1.91	87.1	Lg	16:26:04.227	-1.4	T__		---		6423790	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
		(Reading ML: 4.4 magdef=1																	

(Station ML: 4.4 magdef=1														
VYHS 1.91 67.2 Pn	16:25:32.727	-0.6	T__	2523.3	___ ML	4.0 6423758	FDSN SK	-- BUD	iLoc	HHZ	HHZ	_		
VYHS 1.91 67.2 Lg	16:26:04.227	-0.9	T__		___	6423791	FDSN SK	-- BUD	iLoc	HHE	???	_		
(Reading ML: 4.0 magdef=1														
(Station ML: 4.0 magdef=0														
A331A 1.93 44.0 Pn	16:25:34.487	0.8	T__	3019.3	___ ML	4.1 6423759	FDSN Z3	00 BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.1 magdef=1														
(Station ML: 4.1 magdef=0														
BUD 1.94 97.8 Pn	16:25:33.118	-0.4	T__	3243.4	___ ML	4.1 6423760	FDSN HU	-- BUD	iLoc	HHZ	HHZ	_		
BUD 1.94 97.8 Lg	16:26:06.172	-0.3	T__		___	6423793	FDSN HU	-- BUD	iLoc	HHE	???	_		
(Reading ML: 4.1 magdef=1														
(Station ML: 4.1 magdef=0														
ZAG 1.96 184.0 Pn	16:25:34.664	0.5	T__	27879.9	___ ML	5.0 6423755	FDSN CR	-- BUD	iLoc	BHZ	BHZ	_		
ZAG 1.96 184.0 Lg	16:26:04.975	1.3	T__		___	6423792	FDSN CR	-- BUD	iLoc	BHE	???	_		
(Reading ML: 5.0 magdef=1														
(Station ML: 5.0 magdef=0														
CRES 2.02 194.6 Pn	16:25:35.111	-0.1	T__	2571.2	___ ML	4.0 6423761	FDSN SL	-- BUD	iLoc	BHZ	BHZ	_		
CRES 2.02 194.6 Lg	16:26:06.172	0.0	T__		___	6423794	FDSN SL	-- BUD	iLoc	BHE	???	_		
(Reading ML: 4.0 magdef=1														
(Station ML: 4.0 magdef=0														
A272A 2.16 117.7 Pn	16:25:36.629	0.3	T__	5259.2	___ ML	4.4 6423762	FDSN Z3	00 BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.4 magdef=1														
(Station ML: 4.4 magdef=1														
A273A 2.18 148.4 Pn	16:25:37.346	0.8	T__	3832.0	___ ML	4.3 6423795	FDSN Z3	00 BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.3 magdef=1														
(Station ML: 4.3 magdef=1														
MORC 2.19 23.7 Pn	16:25:37.644	0.1	T__	2823.0	___ ML	4.2 6423763	FDSN CZ	-- BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.2 magdef=1														
(Station ML: 4.2 magdef=1														
MORH 2.30 132.1 Pn	16:25:38.543	0.4	T__	1953.8	___ ML	4.1 6423796	FDSN HU	-- BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.1 magdef=1														
(Station ML: 4.1 magdef=0														
HU03A 2.30 85.7 Pn	16:25:38.929	0.4	T__	3004.7	___ ML	4.3 6423764	FDSN ZJ	00 BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.3 magdef=1														
(Station ML: 4.3 magdef=1														
HU01A 2.37 99.4 Pn	16:25:40.089	0.7	T__	7128.3	___ ML	4.7 6423797	FDSN ZJ	00 BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.7 magdef=1														
(Station ML: 4.7 magdef=1														
HU04A 2.44 112.2 Pn	16:25:40.737	0.5	T__	2852.3	___ ML	4.3 6423798	FDSN ZJ	00 BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.3 magdef=1														
(Station ML: 4.3 magdef=1														
PRU 2.46 334.5 Pn	16:25:41.369	0.2	T__	10770.8	___ ML	4.9 6423765	FDSN CZ	-- BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.9 magdef=1														
(Station ML: 4.9 magdef=0														
HU22A 2.49 124.8 Pn	16:25:41.336	0.6	T__	3145.3	___ ML	4.4 6423799	FDSN ZJ	00 BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.4 magdef=1														
(Station ML: 4.4 magdef=1														
ET1H 2.49 86.4 Pn	16:25:40.986	-0.1	T__	1057.9	___ ML	3.9 6423800	FDSN HU	-- BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 3.9 magdef=1														
(Station ML: 3.9 magdef=0														
PSZ 2.50 85.5 Pn	16:25:41.236	-0.3	T__	1680.6	___ ML	4.1 6423801	FDSN GE	-- BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.1 magdef=1														
(Station ML: 4.1 magdef=0														

HU23A	2.75	91.5	Pn	16:25:45.076	0.5	T__	2960.6	___ ML	4.5	6423802	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 4.5 magdef=1)																			
(Station ML: 4.5 magdef=1)																			
TENKA	2.81	91.1	Pn	16:25:46.173	0.7	T__	6513.9	___ ML	4.9	6423803	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TENKA	2.81	91.1	Lg	16:26:33.331	-2.0	T__		---		6423820	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 4.9 magdef=1)																			
(Station ML: 4.9 magdef=0)																			
HU21A	2.82	119.6	Pn	16:25:46.273	0.9	T__	2328.1	___ ML	4.4	6423804	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU21A	2.82	119.6	Lg	16:26:35.026	0.3	T__		---		6423821	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 4.4 magdef=1)																			
(Station ML: 4.4 magdef=1)																			
HU02A	2.94	81.8	Pn	16:25:47.071	-0.4	T__	806.5	___ ML	4.0	6423805	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	2.94	81.8	Lg	16:26:39.315	-0.5	T__		---		6423822	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 4.0 magdef=1)																			
(Station ML: 4.0 magdef=0)																			
KECS	2.97	74.7	Pn	16:25:47.769	-0.0	T__	1330.6	___ ML	4.3	6423806	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
(Reading ML: 4.3 magdef=1)																			
(Station ML: 4.3 magdef=1)																			
JOS	3.00	74.6	Pn	16:25:47.769	-0.5	T__	870.4	___ ML	4.1	6423807	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 4.1 magdef=1)																			
(Station ML: 4.1 magdef=0)																			
BLY	3.11	166.8	Pn	16:25:50.313	0.4	T__	1338.2	___ ML	4.4	6423808	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_	
BLY	3.11	166.8	Lg	16:26:43.804	5.8	T__		---		6423823	FDSN	MN	--	BUD	iLoc	HHE	???	_	
(Reading ML: 4.4 magdef=1)																			
(Station ML: 4.4 magdef=1)																			
HU06A	3.17	108.1	Pn	16:25:51.061	0.8	T__	1373.9	___ ML	4.4	6423809	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 4.4 magdef=1)																			
(Station ML: 4.4 magdef=1)																			
HU05A	3.36	92.1	Pn	16:25:53.006	0.1	T__	1250.8	___ ML	4.5	6423810	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 4.5 magdef=1)																			
(Station ML: 4.5 magdef=1)																			
AMBH	3.42	113.1	Lg	16:26:54.576	0.4	T__		---		6423824	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ABAH	3.43	79.5	Pn	16:25:54.053	-0.1	T__	955.6	___ ML	4.4	6423811	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 4.4 magdef=1)																			
(Station ML: 4.4 magdef=1)																			
HU24A	3.49	102.6	Pn	16:25:55.449	0.7	T__	1183.6	___ ML	4.5	6423812	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU24A	3.49	102.6	Lg	16:26:56.671	-0.2	T__		---		6423825	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 4.5 magdef=1)																			
(Station ML: 4.5 magdef=1)																			
FRGS	3.63	135.0	Pn	16:25:57.344	0.6	T__	1391.7	___ ML	4.7	6423813	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_	
FRGS	3.63	135.0	Sn	16:26:40.612	1.5	T__		---		6423826	FDSN	SJ	--	BUD	iLoc	BHN	???	_	
(Reading ML: 4.7 magdef=1)																			
(Station ML: 4.7 magdef=1)																			
LTVH	3.89	93.8	Pn	16:26:00.586	0.2	T__	961.8	___ ML	4.6	6423814	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 4.6 magdef=1)																			
(Station ML: 4.6 magdef=1)																			
SIRR	4.04	110.0	Pn	16:26:02.481	-0.1	T__	291.6	___ ML	4.1	6423815	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 4.1 magdef=1)																			
(Station ML: 4.1 magdef=0)																			
BEO	4.20	133.5	Pn	16:26:04.925	0.2	T__	6480.1	___ ML	5.5	6423816	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_	
(Reading ML: 5.5 magdef=1)																			
(Station ML: 5.5 magdef=0)																			
KOLS	4.22	71.9	Pn	16:26:05.424	-0.2	T__		---		6423817	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

TRPA 4.28 83.0 Pn 16:26:05.174 -1.0 T\_\_ 285.5 \_\_\_ ML 4.1 6423818 FDSN HU -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 4.1 magdef=1  
 (Station ML: 4.1 magdef=1  
 BZS 4.32 118.1 Pn 16:26:06.272 -0.3 T\_\_ 291.6 \_\_\_ ML 4.1 6423819 FDSN RO -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 4.1 magdef=1  
 (Station ML: 4.1 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/30	17:05:02.04	0.85	0.94	47.7461	16.1791	4.4	3.1	30	9.0f	17	9	101		0.09	1.32	ke	BUD	17000766	BUD			181

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.5	8 BUD	17000766

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.09	120.4	Pg	17:05:04.966	0.2					T__		483.5		___	ML	1.2	6424023	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	120.4	Lg	17:05:06.680	-0.0					T__				---		6424024	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
A004A	0.26	34.0	Pg	17:05:07.947	0.4					T__		546.8		___	ML	1.8	6424026	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.26	34.0	Lg	17:05:12.273	0.9					T__				---		6424038	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
SOP	0.26	103.6	Pg	17:05:07.574	-0.1					T__		166.4		_c	ML	1.3	6424028	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	103.6	Lg	17:05:11.299	-0.2					T__				---		6424027	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
CONA	0.28	310.6	Pg	17:05:08.008	-0.0					T__		119.3		_c	ML	1.2	6424039	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	310.6	Lg	17:05:12.342	0.2					T__				---		6424025	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
A013A	0.61	301.7	Pg	17:05:14.093	0.2					T__		256.8		___	ML	2.2	6424029	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.61	301.7	Lg	17:05:22.326	0.4					T__				---		6424030	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0																									
A005B	0.63	1.6	Lg	17:05:22.959	-0.3					T__				---		6424031	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
ARSA	0.67	222.1	Pg	17:05:15.322	0.3					T__		101.1		---	ML	1.9	6424033	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.67	222.1	Lg	17:05:24.114	0.6					T__				---		6424032	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
A008A	0.72	330.6	Pn	17:05:15.546	-2.1					T__		216.7		___	ML	2.2	6424035	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.72	330.6	Lg	17:05:24.598	-1.1					T__				---		6424034	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
KRUC	1.32	6.2	Pn	17:05:24.710	-1.4					T__		67.2		___	ML	2.1	6424036	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.32	6.2	Sn	17:05:42.144	-1.7					T__				---		6424037	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/30	17:08:09.14	1.60	0.79	47.7406	16.1933	7.6	4.6	17	16.5	11.6	13	7	181	0.08	0.73	ke	BUD	17000768	BUD			198

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.6 6 BUD 17000768

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.08	120.4	Pg	17:08:12.700	-0.0					T__		154.2		---	ML	0.7 6424081	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.08	120.4	Lg	17:08:14.339	-0.9					T__				---		6424082	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=0)																								
SOP	0.25	103.0	Pg	17:08:15.401	0.4					T__		59.9		---	ML	0.8 6424085	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.25	103.0	Lg	17:08:19.070	-0.0					T__				---		6424086	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
A004A	0.26	31.6	Pg	17:08:15.736	0.7					T__		332.5		---	ML	1.5 6424084	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.26	31.6	Lg	17:08:19.927	0.7					T__				---		6424083	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
CONA	0.29	310.2	Pg	17:08:15.866	0.1					T__		65.3		---	ML	0.9 6424088	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.29	310.2	Lg	17:08:20.113	-0.2					T__				---		6424087	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
A013A	0.62	301.7	Pg	17:08:21.715	0.4					T__		100.6		---	ML	1.8 6424089	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.62	301.7	Lg	17:08:30.078	0.5					T__				---		6424090	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
A002B	0.68	23.2	Lg	17:08:30.860	-1.7					T__				---		6424091	FDSN	Z3	00	BUD	iLoc	HH3	???	_
A008A	0.73	330.2	Pg	17:08:23.186	-0.0					T__		61.1		---	ML	1.7 6424093	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.73	330.2	Lg	17:08:32.536	-0.7					T__				---		6424092	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/03/30 17:12:58.75 1.36 0.90 47.7532 16.1876 6.1 4.0 31 10.5 13.2 13 8 96 0.09 0.96 ke BUD 17000770 BUD 174

Magnitude Err Nsta Author OrigID  
 ML 0.8 0.0 5 BUD 17000770

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.09	126.1	Pg	17:13:01.737	0.1					T__		158.6		---	ML	0.8 6424130	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	126.1	Lg	17:13:03.413	-0.3					T__				---		6424131	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=0)																								
A004A	0.25	33.8	Lg	17:13:09.038	1.1					T__				---		6424132	FDSN	Z3	00	BUD	iLoc	HHN	???	_
SOP	0.26	105.5	Pg	17:13:04.233	-0.1					T__		57.4		---	ML	0.8 6424134	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	105.5	Lg	17:13:07.958	-0.3					T__				---		6424133	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
CONA	0.28	308.7	Pg	17:13:04.717	-0.1					T__		48.8		---	ML	0.8 6424135	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	308.7	Lg	17:13:08.927	-0.1					T__				---		6424136	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
A013A	0.61	300.9	Pg	17:13:10.752	0.1					T__		113.8		---	ML	1.9 6424138	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A013A	0.61	300.9	Lg	17:13:19.134	0.4	T__								6424137	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=0)																								
ARSA	0.68	222.1	Lg	17:13:21.108	0.6	T__								6424139	FDSN	OE	--	BUD	iLoc	HHE	???	_		
A008A	0.71	329.9	Pg	17:13:12.205	-0.3	T__				76.2				ML	1.8	6424141	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.71	329.9	Lg	17:13:21.555	-0.8	T__									6424140	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
MODS	0.96	49.3	Sn	17:13:29.601	-2.1	T__									6424142	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/30	18:02:46.32	1.44	0.57	47.7550	16.1418	5.2	4.5	118	10.7	14.6	14	7	102	0.12	0.70	ke	BUD	17000772	BUD			184

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.4	7 BUD	17000772

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
RONA	0.12	117.9	Pg	18:02:49.296	-0.3					T__		302.1			ML	1.1	6424180	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.12	117.9	Lg	18:02:51.270	-0.7					T__						6424181	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
CONA	0.26	312.7	Pg	18:02:52.090	0.1					T__		86.2			ML	0.9	6424184	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.26	312.7	Lg	18:02:55.778	-0.0					T__						6424185	FDSN	OE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 0.9 magdef=1)																										
(Station ML: 0.9 magdef=0)																										
A004A	0.27	39.5	Pg	18:02:52.388	0.4					T__		339.9			ML	1.6	6424183	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A004A	0.27	39.5	Lg	18:02:57.007	1.0					T__						6424182	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
A013A	0.58	302.2	Pg	18:02:57.864	0.1					T__		224.1			ML	2.2	6424187	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A013A	0.58	302.2	Lg	18:03:05.910	0.5					T__						6424186	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=1)																										
A005B	0.62	3.9	Pg	18:02:58.162	-0.3					T__		150.1			ML	2.0	6424188	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A005B	0.62	3.9	Lg	18:03:07.065	-0.2					T__						6424189	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
ARSA	0.66	220.0	Pg	18:02:58.758	-0.4					T__		111.5			ML	1.9	6424191	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.66	220.0	Lg	18:03:08.182	0.6					T__						6424190	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
A008A	0.70	332.0	Pg	18:02:59.540	-0.2					T__		229.3			_d	ML	2.2	6424192	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.70	332.0	Lg	18:03:08.611	-0.8					T__						6424193	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=0)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/30	18:29:40.38	1.50	0.31	47.7625	16.1599	7.8	3.7	34	6.0	24.6	10	5	156	0.11	0.67	ke	BUD	17000774	BUD			176

Magnitude	Err	Nsta	Author	OrigID

ML 0.7 0.2 5 BUD 17000774

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.11	124.3	Pg	18:29:43.253	0.1					T__		56.3		---	ML	0.4 6424229	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	124.3	Lg	18:29:45.041	-0.1					T__				---		6424230	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.4 magdef=1 Station ML: 0.4 magdef=0)																								
CONA	0.26	309.7	Pg	18:29:45.823	-0.0					T__		38.2		---	ML	0.6 6424231	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	309.7	Lg	18:29:49.437	-0.2					T__				---		6424232	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																								
SOP	0.28	106.3	Pg	18:29:46.158	-0.0					T__		46.6		---	ML	0.7 6424234	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	106.3	Lg	18:29:50.033	-0.2					T__				---		6424233	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																								
A013A	0.59	301.0	Pg	18:29:51.672	-0.1					T__		64.6		---	ML	1.6 6424235	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	301.0	Lg	18:29:59.942	0.4					T__				---		6424236	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																								
ARSA	0.67	220.4	Pg	18:29:53.013	-0.4					T__		45.0		---	ML	1.5 6424238	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.67	220.4	Lg	18:30:02.251	0.4					T__				---		6424237	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/30	21:13:24.73	1.34	0.40	47.7570	16.1483	4.9	3.8	44	8.8	16.6	12	7	100	0.12	0.70	ke	BUD	17000776	BUD			191

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.6	6 BUD	17000776

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.12	119.8	Pg	21:13:27.700	-0.1					T__		56.5		---	ML	0.4 6424273	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	119.8	Lg	21:13:29.711	-0.2					T__				---		6424274	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.4 magdef=1 Station ML: 0.4 magdef=0)																								
CONA	0.26	311.7	Pg	21:13:30.401	0.1					T__		38.2		---	ML	0.6 6424276	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	311.7	Lg	21:13:34.088	-0.0					T__				---		6424275	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																								
A004A	0.27	39.0	Pg	21:13:30.903	0.6					T__		234.1		---	ML	1.4 6424277	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
SOP	0.29	104.8	Pg	21:13:30.699	-0.1					T__		48.6		---	ML	0.8 6424278	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.29	104.8	Lg	21:13:34.796	-0.1					T__				---		6424279	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																								
A005B	0.62	3.5	Lg	21:13:45.394	-0.2					T__				---		6424280	FDSN	Z3	00	BUD	iLoc	HHE	???	_
ARSA	0.66	220.1	Pg	21:13:37.795	0.2					T__		46.0		---	ML	1.5 6424282	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.66	220.1	Lg	21:13:46.400	0.4					T__				---		6424281	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
A008A	0.70	331.7	Pg	21:13:37.870	-0.3					T__		62.9		---	ML	1.7 6424283	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A008A 0.70 331.7 Lg 21:13:47.033 -0.7 T\_\_ --- 6424284 FDSN Z3 00 BUD iLoc HH2 ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/03/30	21:17:04.54	0.88	0.67	47.7484	16.1515	4.4	3.3	34	9.0f		15	8	104	0.11	0.98	ke	BUD	17000778	BUD			196

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.5	6 BUD	17000778

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	116.5	Pg	21:17:07.625	0.1					T__		105.9		---	ML	0.6	6424324	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	116.5	Lg	21:17:09.413	-0.2					T__				---		6424325	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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MPLH  0.30 297.4 Lg      08:12:58.139 -0.8      T__          ---          6425213      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
MSW2  0.33  35.8 Pg      08:12:54.478  0.1      T__    131.9      --- ML      1.3 6425222      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW2  0.33  35.8 Lg      08:12:59.778 -0.7      T__          ---          6425221      FDSN HU      -- BUD  iLoc  HHZ ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=0
MSW3  0.37  21.2 Lg      08:13:01.305 -0.6      T__          ---          6425223      FDSN HU      -- BUD  iLoc  HHN ??? _
A267A 0.39 102.8 Lg      08:13:02.013 -0.2      T__          ---          6425214      FDSN Z3      00 BUD  iLoc  HHN ??? _
HU08A 0.40 359.7 Lg      08:13:02.013 -0.6      T__          ---          6425215      FDSN ZJ      00 BUD  iLoc  HHN ??? _
CSKK  0.40  34.6 Pg      08:12:57.170  1.5      T__    294.2      --- ML      1.9 6425217      FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.40  34.6 Lg      08:13:02.087 -0.8      T__          ---          6425216      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
MSW1  0.42  32.1 Lg      08:13:02.877 -0.9      T__          ---          6425224      FDSN HU      -- BUD  iLoc  HHE ??? _
KOVH  0.95 172.7 Lg      08:13:19.447 -0.1      T__          ---          6425218      FDSN HU      -- BUD  iLoc  HHE ??? _
MORH  0.96 148.6 Pg      08:13:06.259 -0.1      T__    30.4      --- ML      1.5 6425220      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  0.96 148.6 Lg      08:13:19.596 -0.8      T__          ---          6425219      FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/03/31 10:21:57.78  0.83  0.62  47.7704  16.1772  3.6  2.8  30 11.9  5.1  25  15  58  0.11  1.32  ke BUD  17000782  BUD  90

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Magnitude  Err Nsta Author  OrigID
ML      2.0 0.3  9 BUD  17000782

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
RONA  0.11 131.3 Pg      10:22:00.614 -0.4      T__          645.4      _c_ ML      1.4 6425635      FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.11 131.3 Lg      10:22:02.514 -0.9      T__          ---          6425636      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1
A004A 0.24  37.4 Pg      10:22:03.762  0.7      T__    935.9      --- ML      1.9 6425639      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A004A 0.24  37.4 Lg      10:22:07.766  1.0      T__          ---          6425640      FDSN Z3      00 BUD  iLoc  HHE ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
CONA  0.26 306.7 Pg      10:22:03.538 -0.1      T__    186.0      --- ML      1.3 6425638      FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  0.26 306.7 Lg      10:22:07.282 -0.4      T__          ---          6425637      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=0
SOP   0.27 108.6 Pg      10:22:03.445 -0.2      T__    356.0      --- ML      1.6 6425642      FDSN HU      -- BUD  iLoc  HHZ HHZ _
SOP   0.27 108.6 Lg      10:22:07.505 -0.2      T__          ---          6425641      FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
A013A 0.60 299.8 Pg      10:22:09.424 -0.0      T__    476.2      --- ML      2.5 6425643      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A013A 0.60 299.8 Lg      10:22:17.600  0.3      T__          ---          6425644      FDSN Z3      00 BUD  iLoc  HHN ??? _
(Reading ML:  2.5 magdef=1
(Station ML:  2.5 magdef=0
A005B 0.60  1.8 Lg      10:22:18.755  0.5      T__          ---          6425646      FDSN Z3      00 BUD  iLoc  HHE ??? _
A260A 0.60 143.5 Lg      10:22:18.457  0.3      T__          ---          6425645      FDSN Z3      00 BUD  iLoc  HHE ??? _
ARSA  0.68 220.7 Pg      10:22:10.634 -0.6      T__    235.0      --- ML      2.3 6425648      FDSN OE      -- BUD  iLoc  HHZ HHZ _
ARSA  0.68 220.7 Lg      10:22:20.245  0.4      T__          ---          6425647      FDSN OE      -- BUD  iLoc  HHE ??? _

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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A008A 0.69 329.7 Lg 10:22:20.022 -0.8 T__ --- 6425649 FDSN Z3 00 BUD iLoc HH2 ??? _
A018A 0.74 268.3 Pg 10:22:12.050 -0.3 T__ 112.0 --- ML 2.0 6425651 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.74 268.3 Lg 10:22:22.629 0.9 T__ --- 6425650 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
EGYH 0.86 113.9 Lg 10:22:27.696 0.8 T__ --- 6425652 FDSN HU -- BUD iLoc HHN ??? _
MODS 0.95 50.3 Pg 10:22:16.744 -0.1 T__ --- 6425654 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.95 50.3 Lg 10:22:30.527 -0.4 T__ --- 6425653 FDSN SK -- BUD iLoc HHN ??? _
A001A 1.00 15.9 Pg 10:22:17.153 -0.2 T__ 98.2 --- ML 2.0 6425655 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.00 15.9 Lg 10:22:31.086 -0.7 T__ --- 6425656 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KRUC 1.30 6.3 Pn 10:22:21.251 0.1 T__ 81.8 --- ML 2.1 6425659 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.30 6.3 Sn 10:22:38.461 -0.0 T__ --- 6425658 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOGS 1.32 177.8 Lg 10:22:41.367 1.4 T__ --- 6425657 FDSN SL -- BUD iLoc BHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/01 07:31:09.67 1.00 0.59 47.3596 18.2535 6.8 3.6 163 4.0f 7 4 153 0.01 0.09 ke BUD 17000786 BUD 231

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Magnitude Err Nsta Author OrigID
ML 0.8 0.4 3 BUD 17000786

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CSKK 0.01 53.6 Pg 07:31:10.855 0.2 T__ 334.5 --- ML 0.8 6427978 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.01 53.6 Lg 07:31:11.555 -0.2 T__ --- 6427979 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MSW1 0.03 6.4 Pg 07:31:11.290 0.3 T__ 592.9 --- ML 1.2 6427977 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.03 6.4 Lg 07:31:11.877 -0.3 T__ --- 6427976 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW2 0.06 206.8 Lg 07:31:12.804 -0.3 T__ --- 6427980 FDSN HU -- BUD iLoc HHN ??? _
MSW3 0.09 285.2 Pg 07:31:12.256 0.4 T__ 98.8 --- ML 0.5 6427974 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.09 285.2 Lg 07:31:12.899 -0.9 T__ --- 6427975 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/01 08:23:49.80 3.89 0.61 47.9618 16.1455 34.4 4.7 27 0.0f 6 3 258 0.19 0.75 sx BUD 17000788 BUD 353

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```

Magnitude Err Nsta Author OrigID
ML 1.1 0.5 3 BUD 17000788

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CONA 0.19 260.1 Pg 08:23:53.865 -0.0 T__ 195.7 --- ML 1.1 6428193 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.19 260.1 Lg 08:23:56.100 -0.6 T__ --- 6428194 FDSN OE -- BUD iLoc HHN ??? _

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```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
RONA 0.28 158.8 Pg 08:23:55.746 0.1 T__ 55.3 ___ ML 0.8 6428197 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.28 158.8 Lg 08:23:59.453 -0.2 T__ ___ 6428192 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A018A 0.75 253.5 Pg 08:24:04.817 0.4 T__ 35.0 ___ ML 1.5 6428196 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.75 253.5 Lg 08:24:14.503 0.7 T__ ___ 6428195 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/01 08:54:54.03 1.03 0.71 46.1448 18.3066 10.9 3.7 158 0.0f 5 3 175 0.15 0.38 kx BUD 17000790 BUD 282
2021/04/01 08:54:54.08 1.01 0.69 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17000791 BUD_GT 275
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 08:54:57.837 -0.1 T__ 513.4 ___ ML 1.5 6428217 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:55:00.892 -0.1 T__ ___ 6428218 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.25 80.9 Pg 08:54:59.849 0.3 T__ 187.9 ___ ML 1.3 6428220 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:55:02.978 -1.0 T__ ___ 6428219 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A266A 0.35 356.8 Lg 08:55:08.342 0.9 T__ ___ 6428221 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/01 11:19:19.12 1.77 0.52 47.8896 20.1429 19.5 3.7 158 0.0f 8 5 219 0.17 0.66 sx BUD 17000792 BUD 243

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD 17000792

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.17 279.9 Pg 11:19:23.741 0.4 T__ 360.2 ___ ML 1.3 6429194 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.17 279.9 Lg 11:19:26.125 -0.7 T__ ___ 6429195 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ET1H 0.18 266.8 Pg 11:19:23.741 0.3 T__ 304.7 ___ ML 1.3 6429197 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.18 266.8 Lg 11:19:26.572 -0.3 T__ ___ 6429196 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.35 47.6 Pg 11:19:26.829 0.1 T__ 62.5 ___ ML 1.1 6429198 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.35 47.6 Lg 11:19:32.235 -0.4 T__ ___ 6429193 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU03A 0.37 272.4 Lg 11:19:32.342 -0.6 T__ ___ 6429199 FDSN ZJ 00 BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
JOS	0.66	23.5	Lg	11:19:42.698	0.2					T__							6429200	FDSN	ZJ	--	BUD	iLoc HHN ??? _			
2021/04/02	00:01:02.27	0.88	1.28	46.1019	16.9973	5.4	3.9	20	12.0f		35	21	147	0.21	1.56	ke	BUD	17000794	BUD			229			
Magnitude	Err	Nsta	Author	OrigID																					
ML	2.0	0.2	15	BUD	17000794																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A264A	0.21	74.0	Pg	00:01:06.004	-1.2					T__		851.5			ML	1.8	6432746	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.21	74.0	Lg	00:01:09.692	-0.9					T__						6432745	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)		(Station ML: 1.8 magdef=1)																			
BEHE	0.40	337.4	Pg	00:01:10.064	-0.5					T__		200.8			ML	1.7	6432747	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.40	337.4	Lg	00:01:16.248	-0.1					T__						6432748	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)		(Station ML: 1.7 magdef=0)																			
A263A	0.58	22.1	Pg	00:01:14.087	0.2					T__		372.8			ML	2.4	6432750	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.58	22.1	Lg	00:01:21.985	0.0					T__						6432751	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.4 magdef=1)		(Station ML: 2.4 magdef=0)																			
A273A	0.60	107.7	Pg	00:01:14.534	0.3					T__		143.6			ML	2.0	6432749	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.60	107.7	Lg	00:01:22.622	0.5					T__						6432765	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)		(Station ML: 2.0 magdef=1)																			
A265A	0.64	59.5	Pg	00:01:14.981	-0.1					T__		290.4			ML	2.3	6432753	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.64	59.5	Lg	00:01:22.990	-0.8					T__						6432752	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.3 magdef=1)		(Station ML: 2.3 magdef=0)																			
PTJ	0.74	255.2	Pg	00:01:16.811	0.0					T__		41.9			ML	1.5	6432767	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.74	255.2	Lg	00:01:27.353	-0.1					T__						6432766	FDSN	CR	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.5 magdef=1)		(Station ML: 1.5 magdef=0)																			
KOVH	0.77	90.6	Pg	00:01:16.658	-0.8					T__		117.2			ML	2.0	6432754	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.77	90.6	Lg	00:01:27.316	-0.3					T__						6432768	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)		(Station ML: 2.0 magdef=1)																			
A262A	0.83	337.1	Pn	00:01:19.414	0.7					T__		142.1			ML	2.1	6432755	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.1 magdef=1)		(Station ML: 2.1 magdef=1)																			
A261A	0.86	6.9	Pn	00:01:18.632	-0.3					T__		101.9			ML	2.0	6432756	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.86	6.9	Lg	00:01:31.004	0.6					T__						6432769	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)		(Station ML: 2.0 magdef=1)																			
A266A	0.98	63.8	Pn	00:01:20.569	0.1					T__		131.5			ML	2.2	6432757	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.98	63.8	Sn	00:01:34.245	-0.2					T__						6432770	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1)		(Station ML: 2.2 magdef=1)																			
TIH	1.01	37.5	Pn	00:01:20.644	-0.3					T__		200.6			ML	2.4	6432758	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	1.01	37.5	Sn	00:01:36.215	1.0					T__						6432759	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.4 magdef=1)		(Station ML: 2.4 magdef=0)																			

MPLH	1.13	19.1	Pn	00:01:22.175	-0.6	T__	40.4	---	ML	1.7	6432772	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.13	19.1	Sn	00:01:39.567	1.3	T__		---			6432761	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MORH	1.15	83.8	Pn	00:01:21.914	-0.8	T__	26.7	---	ML	1.6	6432771	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.15	83.8	Sn	00:01:38.971	0.4	T__		---			6432760	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
A267A	1.33	50.0	Sn	00:01:45.453	2.4	T__		---			6432762	FDSN	Z3	00	BUD	iLoc	HHE	???	_
EGYH	1.34	9.8	Lg	00:01:45.793	0.1	T__		---			6432773	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW2	1.46	34.4	Pg	00:01:30.489	0.4	T__	26.5	---	ML	1.7	6432776	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	1.46	34.4	Sn	00:01:48.705	2.2	T__		---			6432775	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU08A	1.47	25.3	Sn	00:01:48.413	1.8	T__		---			6432777	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MSW3	1.50	30.8	Sn	00:01:49.972	2.7	T__		---			6432778	FDSN	HU	--	BUD	iLoc	HHN	???	_
A272A	1.51	64.0	Sn	00:01:50.221	2.8	T__		---			6432763	FDSN	Z3	00	BUD	iLoc	HHE	???	_
CSKK	1.53	34.1	Pn	00:01:30.259	2.0	T__	44.1	---	ML	2.0	6432774	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.53	34.1	Sn	00:01:50.668	2.4	T__		---			6432764	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MSW1	1.56	33.4	Sn	00:01:51.043	2.2	T__		---			6432779	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/02	06:23:31.72	1.10	0.40	47.7951	16.1936	6.8	3.8	29	10.3	11.5	14	9	98	0.12	1.27	ke	BUD	17000798	BUD			128

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.6	6 BUD	17000798

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	144.0	Pg	06:23:34.858	-0.1					T__		80.4		_c_	ML	0.5	6433445	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	144.0	Lg	06:23:36.860	-0.4					T__				---		6433440	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=0)																									
CONA	0.26	300.9	Pg	06:23:37.615	0.2					T__		52.1		---	ML	0.7	6433446	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	300.9	Lg	06:23:41.256	-0.1					T__				---		6433439	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.27	114.3	Pg	06:23:37.903	0.4					T__		50.4		---	ML	0.8	6433441	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
A013A	0.59	297.2	Pg	06:23:43.305	-0.0					T__		56.2		---	ML	1.6	6433443	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	297.2	Lg	06:23:51.389	0.2					T__				---		6433444	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A008A	0.68	327.9	Pg	06:23:44.711	-0.1					T__		70.3		---	ML	1.7	6433447	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	327.9	Lg	06:23:54.071	-0.1					T__				---		6433442	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ARSA	0.71	220.1	Lg	06:23:54.322	-0.3					T__				---		6433448	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	0.75	266.5	Lg	06:23:55.831	-0.2					T__				---		6433449	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A001A	0.97	15.7	Lg	06:24:04.622	-0.3					T__				---		6433450	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

KRUC 1.27 6.0 Pn 06:23:55.458 0.5 T\_\_ 30.2 \_\_\_ ML 1.7 6433452 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 KRUC 1.27 6.0 Sn 06:24:12.892 0.8 T\_\_ \_\_\_ 6433451 FDSN CZ -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/04/02 07:40:13.00 1.11 0.82 47.7502 16.1544 5.4 3.6 30 9.6 11.9 16 10 103 0.11 1.63 ke BUD 17000800 BUD 184

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.6 6 BUD 17000800

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 RONA 0.11 117.7 Pg 07:40:15.998 -0.0 T\_\_ 232.3 \_c ML 1.0 6433503 FDSN OE -- BUD iLoc HHZ HHZ \_  
 RONA 0.11 117.7 Lg 07:40:17.898 -0.3 T\_\_ \_\_\_ 6433493 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1  
 CONA 0.27 312.2 Pg 07:40:18.792 0.1 T\_\_ 84.3 \_\_\_ ML 1.0 6433496 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 0.27 312.2 Lg 07:40:22.442 -0.2 T\_\_ \_\_\_ 6433495 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1  
 A004A 0.27 37.4 Lg 07:40:23.672 1.1 T\_\_ \_\_\_ 6433494 FDSN Z3 00 BUD iLoc HHN ??? \_  
 SOP 0.28 103.6 Pg 07:40:18.834 -0.1 T\_\_ 57.3 \_\_\_ ML 0.8 6433504 FDSN HU -- BUD iLoc HHZ HHZ \_  
 SOP 0.28 103.6 Lg 07:40:23.001 -0.0 T\_\_ \_\_\_ 6433497 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.8 magdef=1  
 (Station ML: 0.8 magdef=0  
 A013A 0.59 302.2 Pg 07:40:24.603 0.0 T\_\_ 165.3 \_\_\_ ML 2.0 6433499 FDSN Z3 00 BUD iLoc HHZ HHZ \_  
 A013A 0.59 302.2 Lg 07:40:32.612 0.3 T\_\_ \_\_\_ 6433498 FDSN Z3 00 BUD iLoc HHN ??? \_  
 (Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=0  
 ARSA 0.66 220.8 Pg 07:40:25.745 -0.1 T\_\_ 74.9 \_\_\_ ML 1.7 6433505 FDSN OE -- BUD iLoc HHZ HHZ \_  
 ARSA 0.66 220.8 Lg 07:40:34.884 0.7 T\_\_ \_\_\_ 6433500 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 A008A 0.70 331.6 Lg 07:40:35.393 -0.9 T\_\_ \_\_\_ 6433506 FDSN Z3 00 BUD iLoc HH2 ??? \_  
 MODS 0.98 50.0 Sn 07:40:44.495 -2.1 T\_\_ \_\_\_ 6433501 FDSN SK -- BUD iLoc HHN ??? \_  
 KRUC 1.32 6.9 Pn 07:40:36.673 -0.3 T\_\_ 46.1 \_\_\_ ML 1.9 6433502 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 KRUC 1.32 6.9 Sn 07:40:54.056 -0.6 T\_\_ \_\_\_ 6433507 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 CKRC 1.63 311.7 Sn 07:41:03.182 0.6 T\_\_ \_\_\_ 6433508 FDSN CZ -- BUD iLoc HHE ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/04/02 12:36:46.23 1.17 1.00 48.0026 19.6763 7.2 3.8 146 10.0f 10 6 201 0.11 0.76 ke BUD 17000802 BUD 275

Magnitude Err Nsta Author OrigID  
 ML 0.8 0.7 4 BUD 17000802

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 HU03A 0.11 207.5 Pg 12:36:49.465 0.1 T\_\_ 301.0 \_\_\_ ML 1.1 6433626 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU03A 0.11 207.5 Lg 12:36:51.588 -0.1 T\_\_ \_\_\_ 6433627 FDSN ZJ 00 BUD iLoc HHN ??? \_

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.17 119.8 Pg 12:36:51.029 0.4 T__ 44.1 ___ ML 0.4 6433622 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.17 119.8 Lg 12:36:54.531 0.5 T__ ___ 6433623 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
ET1H 0.18 133.2 Pg 12:36:51.029 0.4 T__ 24.4 ___ ML 0.2 6433625 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.18 133.2 Lg 12:36:54.307 0.4 T__ ___ 6433624 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
TENKA 0.57 127.4 Lg 12:37:05.049 -1.6 T__ ___ 6433629 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.58 77.8 Lg 12:37:05.406 -1.8 T__ ___ 6433630 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 0.76 49.1 Pg 12:37:01.243 -0.1 T__ 37.9 ___ ML 1.5 6433628 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.76 49.1 Lg 12:37:12.949 0.7 T__ ___ 6433631 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/02 20:12:12.38 0.71 0.79 47.7764 16.1681 3.0 2.5 49 8.4 0.7 76 40 46 0.12 2.30 ke BUD 17000804 BUD 77

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Magnitude Err Nsta Author OrigID
ML 2.3 0.2 35 BUD 17000804

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 131.5 Pg 20:12:15.271 -0.1 T__ 1783.5 _d ML 1.9 6433837 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 131.5 Lg 20:12:17.171 -0.4 T__ ___ 6433838 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A004A 0.24 39.5 Pg 20:12:17.860 0.4 T__ 1356.9 ___ ML 2.1 6433841 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.24 39.5 Lg 20:12:23.541 2.5 T__ ___ 6433842 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CONA 0.26 306.5 Pg 20:12:17.805 -0.1 T__ 481.7 ___ ML 1.7 6433839 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 306.5 Lg 20:12:21.641 -0.0 T__ ___ 6433840 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
SOP 0.28 109.3 Pg 20:12:18.140 -0.1 T__ 455.1 ___ ML 1.7 6433843 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 109.3 Lg 20:12:21.858 -0.4 T__ ___ 6433867 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
A013A 0.59 299.6 Pg 20:12:23.728 -0.1 T__ 854.4 ___ ML 2.8 6433844 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 299.6 Lg 20:12:31.662 0.1 T__ ___ 6433845 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
A005B 0.60 2.4 Pg 20:12:24.361 0.3 T__ 1068.6 ___ ML 2.9 6433848 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.60 2.4 Lg 20:12:32.556 0.0 T__ ___ 6433849 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
A260A 0.61 143.4 Pg 20:12:24.361 -0.3 T__ 237.5 ___ ML 2.2 6433847 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.61 143.4 Lg 20:12:32.705 -0.3 T__ ___ 6433846 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

```

A002B	0.65	25.8	Pg	20:12:26.577	1.3	T__	390.2	___	ML	2.5	6433853	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A002B	0.65	25.8	Lg	20:12:36.468	1.7	T__		---			6433852	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
ARSA	0.68	220.0	Pg	20:12:24.957	-0.8	T__	544.9	___	ML	2.6	6433851	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	220.0	Lg	20:12:33.823	-0.6	T__		---			6433850	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
A008A	0.69	329.9	Pg	20:12:25.423	-0.2	T__	782.3	_d_	ML	2.8	6433855	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	329.9	Lg	20:12:34.531	-0.5	T__		---			6433854	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
A018A	0.74	267.9	Pg	20:12:26.440	-0.3	T__	245.2	___	ML	2.3	6433868	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
EGYH	0.87	114.1	Pg	20:12:29.651	0.1	T__	204.0	___	ML	2.3	6433856	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.87	114.1	Lg	20:12:41.385	-0.6	T__		---			6433857	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A262A	0.94	164.9	Pn	20:12:30.761	-0.3	T__	313.3	___	ML	2.5	6433869	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.94	164.9	Sn	20:12:43.874	-0.7	T__		---			6433870	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MODS	0.95	50.8	Pg	20:12:30.471	-1.0	T__		---			6433858	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.95	50.8	Lg	20:12:44.545	-1.2	T__		---			6433873	FDSN	SK	--	BUD	iLoc	HHN	???	_
A006A	0.97	354.2	Pg	20:12:30.463	-0.7	T__	425.4	---	ML	2.7	6433872	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.97	354.2	Lg	20:12:43.576	-1.7	T__		---			6433871	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A001A	0.99	16.3	Pg	20:12:31.663	-0.2	T__	186.2	___	ML	2.3	6433859	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.99	16.3	Lg	20:12:45.745	-0.7	T__		---			6433860	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A339A	1.00	86.4	Pn	20:12:32.241	0.4	T__	197.9	___	ML	2.4	6433876	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A339A	1.00	86.4	Sn	20:12:47.202	0.8	T__		---			6433877	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
MPLH	1.11	122.6	Pn	20:12:33.183	-0.1	T__	71.7	___	ML	2.0	6433874	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.11	122.6	Sn	20:12:48.762	-0.1	T__		---			6433861	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
A337A	1.19	66.1	Pn	20:12:34.793	0.4	T__	192.9	___	ML	2.4	6433863	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	1.19	66.1	Sn	20:12:51.556	0.5	T__		---			6433862	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
HU08A	1.24	105.6	Pn	20:12:35.865	0.9	T__	92.5	___	ML	2.2	6433875	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.24	105.6	Sn	20:12:52.636	0.6	T__		---			6433864	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
KRUC	1.30	6.6	Pn	20:12:35.687	-0.4	T__	290.1	___	ML	2.7	6433866	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.30	6.6	Sn	20:12:52.822	-0.8	T__		---			6433865	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			

KOGS	1.33	177.5	Pg	20:12:37.934	0.2	T__	84.0	___	ML	2.2	6433878	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.33	177.5	Lg	20:12:55.954	0.9	T__		---			6433879	FDSN	SL	--	BUD	iLoc	BHE	???	_
MSW3	1.38	105.8	Pg	20:12:39.204	-0.1	T__	46.2	___	ML	1.9	6433881	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	1.38	105.8	Lg	20:12:58.588	-0.0	T__		---			6433880	FDSN	HU	--	BUD	iLoc	HHN	???	_
SR0	1.45	87.7	Pg	20:12:39.910	-0.7	T__	284.8	___	ML	2.8	6433882	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	1.45	87.7	Lg	20:13:00.847	-0.2	T__		---			6433883	FDSN	SK	--	BUD	iLoc	EHE	???	_
MSW2	1.46	108.2	Lg	20:13:00.988	-0.3	T__		---			6433884	FDSN	HU	--	BUD	iLoc	HHE	???	_
MSW1	1.47	104.4	Lg	20:13:01.129	-0.4	T__		---			6433885	FDSN	HU	--	BUD	iLoc	HHE	???	_
JAVC	1.48	42.2	Pg	20:12:40.804	-0.7	T__	77.0	___	ML	2.2	6433886	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.48	42.2	Sn	20:12:59.812	0.8	T__		---			6433887	FDSN	CZ	--	BUD	iLoc	HHN	???	_
A338A	1.49	80.0	Pg	20:12:41.510	-0.1	T__	115.9	___	ML	2.4	6433889	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	1.49	80.0	Lg	20:13:01.976	-0.6	T__		---			6433888	FDSN	Z3	00	BUD	iLoc	HH2	???	_
HU09A	1.50	94.5	Pg	20:12:41.180	-0.5	T__	73.8	___	ML	2.2	6433890	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.50	94.5	Sn	20:12:59.953	1.2	T__		---			6433891	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
VRAC	1.56	10.3	Pn	20:12:39.439	-0.4	T__	32.7	___	ML	1.9	6433893	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.56	10.3	Sn	20:12:59.623	-0.5	T__		---			6433892	FDSN	CZ	--	BUD	iLoc	HHE	???	_
TREC	1.59	343.7	Pn	20:12:40.427	0.2	T__	236.0	___	ML	2.8	6433894	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.59	343.7	Sn	20:13:01.741	1.3	T__		---			6433895	FDSN	CZ	--	BUD	iLoc	HHE	???	_
CKRC	1.62	310.8	Pn	20:12:41.180	0.4	T__	215.0	___	ML	2.7	6433897	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.62	310.8	Sn	20:13:01.835	-0.1	T__		---			6433896	FDSN	CZ	--	BUD	iLoc	HHE	???	_
OBKA	1.68	221.7	Pg	20:12:44.333	0.8	T__	47.9	___	ML	2.1	6433898	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.68	221.7	Lg	20:13:06.351	0.1	T__		---			6433899	FDSN	OE	--	BUD	iLoc	HHE	???	_
PTJ	1.88	184.3	Pg	20:12:48.002	0.6	T__	48.4	___	ML	2.2	6433901	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.88	184.3	Lg	20:13:13.362	0.5	T__		---			6433900	FDSN	CR	--	BUD	iLoc	BHE	???	_
VYHS	1.93	67.1	Pn	20:12:44.427	-0.3	T__	18.3	___	ML	1.8	6433902	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.93	67.1	Pg	20:12:48.755	-1.3	T__		---			6433903	FDSN	SK	--	BUD	iLoc	HHZ	???	_
VYHS	1.93	67.1	Lg	20:13:16.890	0.3	T__		---			6433904	FDSN	SK	--	BUD	iLoc	HHE	???	_
A331A	1.94	44.1	Sn	20:13:11.338	1.3	T__		---			6433905	FDSN	Z3	00	BUD	iLoc	HHN	???	_
CRES	2.01	194.3	Lg	20:13:18.302	1.3	T__		---			6433906	FDSN	SL	--	BUD	iLoc	BHE	???	_

KOVH 2.15 141.2 Pn 20:12:48.567 1.2 T\_\_ 27.0 \_\_\_ ML 2.1 6433908 FDSN HU -- BUD iLoc HHZ HHZ \_  
 KOVH 2.15 141.2 Lg 20:13:21.219 0.5 T\_\_ \_\_\_ 6433907 FDSN HU -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.1 magdef=1  
 (Station ML: 2.1 magdef=1  
 MORC 2.20 23.9 Pn 20:12:49.037 0.2 T\_\_ 60.5 \_\_\_ ML 2.5 6433909 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 MORC 2.20 23.9 Sn 20:13:17.737 1.2 T\_\_ \_\_\_ 6433910 FDSN CZ -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.5 magdef=1  
 (Station ML: 2.5 magdef=1  
 MORH 2.30 131.8 Pn 20:12:50.449 1.0 T\_\_ 23.5 \_\_\_ ML 2.2 6433911 FDSN HU -- BUD iLoc HHZ HHZ \_  
 MORH 2.30 131.8 Lg 20:13:28.841 2.1 T\_\_ \_\_\_ 6433912 FDSN HU -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/04/03 02:24:26.86 1.04 0.35 47.7588 16.1707 6.6 4.1 38 12.8 7.5 10 5 135 0.10 0.70 ke BUD 17000806 BUD 184

Magnitude Err Nsta Author OrigID  
 ML 1.0 0.2 5 BUD 17000806

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 RONA 0.10 124.8 Pg 02:24:30.203 0.0 T\_\_ 74.4 \_d\_ ML 0.5 6434870 FDSN OE -- BUD iLoc HHZ HHZ \_  
 RONA 0.10 124.8 Lg 02:24:31.935 -0.6 T\_\_ \_\_\_ 6434871 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.5 magdef=1  
 (Station ML: 0.5 magdef=0  
 CONA 0.27 309.3 Pg 02:24:33.108 0.3 T\_\_ 74.5 \_\_\_ ML 0.9 6434873 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 0.27 309.3 Lg 02:24:36.927 -0.0 T\_\_ \_\_\_ 6434872 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.9 magdef=1  
 (Station ML: 0.9 magdef=1  
 SOP 0.27 106.0 Pg 02:24:33.183 0.3 T\_\_ 95.1 \_\_\_ ML 1.0 6434874 FDSN HU -- BUD iLoc HHZ HHZ \_  
 SOP 0.27 106.0 Lg 02:24:36.964 0.0 T\_\_ \_\_\_ 6434875 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1  
 ARSA 0.67 221.0 Pg 02:24:40.112 0.1 T\_\_ 105.5 \_\_\_ ML 1.9 6434877 FDSN OE -- BUD iLoc HHZ HHZ \_  
 ARSA 0.67 221.0 Lg 02:24:48.568 -0.1 T\_\_ \_\_\_ 6434876 FDSN OE -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=0  
 A008A 0.70 330.5 Pg 02:24:40.521 0.1 T\_\_ 72.4 \_\_\_ ML 1.8 6434878 FDSN Z3 00 BUD iLoc HHZ HHZ \_  
 A008A 0.70 330.5 Lg 02:24:49.760 -0.4 T\_\_ \_\_\_ 6434879 FDSN Z3 00 BUD iLoc HH2 ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/04/03 06:59:15.52 1.02 0.36 47.7670 16.1689 5.0 3.2 22 10.9 8.5 15 8 92 0.11 0.96 ke BUD 17000808 BUD 172

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.5 6 BUD 17000808

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 RONA 0.11 128.0 Pg 06:59:18.718 0.0 T\_\_ 440.0 \_\_\_ ML 1.2 6436396 FDSN OE -- BUD iLoc HHZ HHZ \_  
 RONA 0.11 128.0 Lg 06:59:20.488 -0.5 T\_\_ \_\_\_ 6436397 FDSN OE -- BUD iLoc HHN ??? \_

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CONA 0.26 308.1 Pg 06:59:21.177 -0.1 T__ 74.3 ___ ML 0.9 6436399 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 308.1 Lg 06:59:25.312 0.1 T__ ___ 6436398 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
SOP 0.28 107.5 Pg 06:59:21.624 0.2 T__ 118.3 ___ ML 1.1 6436400 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 107.5 Lg 06:59:25.703 0.2 T__ ___ 6436401 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A013A 0.59 300.3 Pg 06:59:27.175 0.0 T__ 140.1 ___ ML 2.0 6436403 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 300.3 Lg 06:59:35.091 0.2 T__ ___ 6436402 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A005B 0.61 2.3 Lg 06:59:36.599 0.5 T__ ___ 6436404 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.68 220.5 Pg 06:59:28.702 -0.1 T__ 75.4 ___ ML 1.8 6436406 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.68 220.5 Lg 06:59:37.568 0.2 T__ ___ 6436405 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A008A 0.69 330.3 Pg 06:59:28.851 -0.1 T__ 168.6 ___ ML 2.1 6436407 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 330.3 Lg 06:59:38.313 -0.2 T__ ___ 6436408 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MODS 0.96 50.4 Pg 06:59:35.072 0.3 T__ ___ 6436410 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.96 50.4 Lg 06:59:48.147 -0.8 T__ ___ 6436409 FDSN SK -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/03 13:35:48.59 1.02 0.22 47.7842 16.2050 9.5 3.9 35 9.0f 6 4 170 0.10 0.71 ke BUD 17000810 BUD 251

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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 0.10 143.9 Pg 13:35:51.495 0.0 T__ 48.9 ___ ML 0.3 6436437 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 143.9 Lg 13:35:53.302 -0.3 T__ ___ 6436438 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
SOP 0.26 112.8 Lg 13:35:58.070 0.2 T__ ___ 6436441 FDSN HU -- BUD iLoc HHN ??? _
CONA 0.27 302.1 Pg 13:35:54.494 0.1 T__ 37.5 ___ ML 0.6 6436439 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 302.1 Lg 13:35:58.256 -0.2 T__ ___ 6436440 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
ARSA 0.71 221.1 Lg 13:36:11.434 0.1 T__ ___ 6436442 FDSN OE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/04 03:53:42.36 0.96 0.28 48.0114 20.1790 13.0 3.0 145 10.0f 8 4 173 0.21 0.54 ke BUD 17000814 BUD 211

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Magnitude Err Nsta Author OrigID  
ML 0.7 0.1 4 BUD 17000814

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Sta 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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PSZ	0.21	244.1	Pg	03:53:47.756	0.2	T__	62.3	___	ML	0.7	6438915	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.21	244.1	Lg	03:53:51.407	-0.1	T__		---			6438914	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
ET1H	0.25	237.5	Pg	03:53:48.203	0.2	T__	51.7	___	ML	0.7	6438916	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.25	237.5	Lg	03:53:51.668	-0.5	T__		---			6438917	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
HU02A	0.26	64.3	Pg	03:53:48.352	0.1	T__	34.2	___	ML	0.5	6438912	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.26	64.3	Lg	03:53:52.562	-0.2	T__		---			6438913	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1)																			
(Station ML: 0.5 magdef=1)																			
JOS	0.54	26.3	Pg	03:53:53.344	0.1	T__	48.1	___	ML	1.5	6438911	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	26.3	Lg	03:54:01.055	-0.2	T__		---			6438918	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/04	18:34:19.07	0.74	0.79	47.7862	16.1685	3.8	2.7	64	9.0	5.7	53	33	83	0.12	2.31	ke	BUD	17000816	BUD			89

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	27 BUD	17000816

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	135.0	Pg	18:34:22.026	-0.2					T__		2473.6		___	ML	2.0	6439013	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	135.0	Lg	18:34:23.972	-0.5					T__				---		6439014	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
A004A	0.23	40.9	Pg	18:34:24.726	0.7					T__		4603.8		___	ML	2.6	6439027	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.23	40.9	Lg	18:34:29.646	2.1					T__				---		6439028	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
CONA	0.25	304.7	Pg	18:34:24.494	-0.0					T__		750.7		___	ML	1.9	6439015	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	304.7	Lg	18:34:28.194	-0.1					T__				---		6439029	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
SOP	0.28	111.2	Pg	18:34:24.848	-0.2					T__		630.5		___	ML	1.9	6439017	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	111.2	Lg	18:34:28.703	-0.4					T__				---		6439016	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
A005B	0.59	2.4	Pg	18:34:31.208	0.6					T__		1428.8		_d_	ML	3.0	6439020	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.59	2.4	Lg	18:34:39.481	0.5					T__				---		6439030	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
A260A	0.62	143.9	Pg	18:34:31.134	-0.4					T__		338.8		_d_	ML	2.4	6439018	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.62	143.9	Lg	18:34:39.518	-0.4					T__				---		6439031	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A008A	0.68	329.5	Pg	18:34:32.177	0.0					T__		1402.0		_d_	ML	3.0	6439021	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	329.5	Lg	18:34:41.269	-0.2					T__				---		6439033	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									

ARSA	0.69	219.5	Pg	18:34:31.581	-1.0	T__	1035.4	___	ML	2.9	6439019	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	219.5	Lg	18:34:41.194	-0.1	T__		---			6439032	FDSN	OE	--	BUD	iLoc	HNN	???	_
	(Reading ML: 2.9 magdef=1																		
	(Station ML: 2.9 magdef=0																		
EGYH	0.87	114.7	Pg	18:34:36.442	0.1	T__	264.4	_d_	ML	2.4	6439022	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.87	114.7	Lg	18:34:47.974	-0.8	T__		---			6439034	FDSN	HU	--	BUD	iLoc	HNN	???	_
	(Reading ML: 2.4 magdef=1																		
	(Station ML: 2.4 magdef=1																		
MODS	0.95	51.3	Pg	18:34:37.262	-0.8	T__		---			6439024	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.95	51.3	Lg	18:34:50.880	-1.3	T__		---			6439036	FDSN	SK	--	BUD	iLoc	HHE	???	_
A262A	0.95	165.0	Pn	18:34:38.361	0.5	T__	370.9	---	ML	2.6	6439023	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.95	165.0	Sn	18:34:51.066	-0.3	T__		---			6439035	FDSN	Z3	00	BUD	iLoc	HHE	???	_
	(Reading ML: 2.6 magdef=1																		
	(Station ML: 2.6 magdef=1																		
A006A	0.96	354.1	Pg	18:34:37.243	-0.5	T__	406.4	---	ML	2.6	6439025	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.96	354.1	Lg	18:34:50.247	-1.4	T__		---			6439037	FDSN	Z3	00	BUD	iLoc	HHE	???	_
	(Reading ML: 2.6 magdef=1																		
	(Station ML: 2.6 magdef=1																		
A001A	0.98	16.5	Pg	18:34:38.230	-0.1	T__	169.2	_d_	ML	2.3	6439026	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.98	16.5	Lg	18:34:51.960	-0.9	T__		---			6439038	FDSN	Z3	00	BUD	iLoc	HH3	???	_
	(Reading ML: 2.3 magdef=1																		
	(Station ML: 2.3 magdef=1																		
A339A	1.00	87.0	Sn	18:34:52.482	-0.5	T__		---			6439039	FDSN	Z3	00	BUD	iLoc	HHE	???	_
A261A	1.07	141.0	Pg	18:34:39.891	-0.1	T__	218.2	---	ML	2.4	6439041	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	1.07	141.0	Lg	18:34:54.084	-0.0	T__		---			6439040	FDSN	Z3	00	BUD	iLoc	HHE	???	_
	(Reading ML: 2.4 magdef=1																		
	(Station ML: 2.4 magdef=1																		
KRUC	1.29	6.7	Pn	18:34:42.461	-0.2	T__	182.6	_d_	ML	2.5	6439042	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.29	6.7	Sn	18:34:59.858	-0.1	T__		---			6439043	FDSN	CZ	--	BUD	iLoc	HNN	???	_
	(Reading ML: 2.5 magdef=1																		
	(Station ML: 2.5 magdef=1																		
KOGS	1.34	177.6	Pg	18:34:44.882	0.3	T__	246.5	---	ML	2.6	6439044	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.34	177.6	Sn	18:35:01.273	0.5	T__		---			6439045	FDSN	SL	--	BUD	iLoc	BHN	???	_
	(Reading ML: 2.6 magdef=1																		
	(Station ML: 2.6 magdef=1																		
A263A	1.39	145.3	Lg	18:35:04.766	0.8	T__		---			6439046	FDSN	Z3	00	BUD	iLoc	HHE	???	_
JAVC	1.47	42.5	Pn	18:34:46.364	1.0	T__	144.3	---	ML	2.5	6439047	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
	(Reading ML: 2.5 magdef=1																		
	(Station ML: 2.5 magdef=1																		
HU09A	1.50	94.8	Sn	18:35:06.778	1.4	T__		---			6439048	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
VRAC	1.55	10.3	Pn	18:34:46.289	-0.0	T__	44.7	---	ML	2.0	6439050	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.55	10.3	Sn	18:35:07.076	0.6	T__		---			6439049	FDSN	CZ	--	BUD	iLoc	HHE	???	_
	(Reading ML: 2.0 magdef=1																		
	(Station ML: 2.0 magdef=0																		
TREC	1.58	343.6	Pn	18:34:47.183	0.4	T__	336.1	---	ML	2.9	6439051	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.58	343.6	Sn	18:35:08.342	1.5	T__		---			6439052	FDSN	CZ	--	BUD	iLoc	HHE	???	_
	(Reading ML: 2.9 magdef=1																		
	(Station ML: 2.9 magdef=0																		
CKRC	1.62	310.5	Pg	18:34:48.524	-0.9	T__	311.2	---	ML	2.9	6439054	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.62	310.5	Sn	18:35:09.013	0.6	T__		---			6439053	FDSN	CZ	--	BUD	iLoc	HHE	???	_
	(Reading ML: 2.9 magdef=1																		
	(Station ML: 2.9 magdef=0																		
OBKA	1.69	221.5	Pn	18:34:48.748	-0.1	T__	117.3	---	ML	2.5	6439055	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

OBKA	1.69	221.5	Lg	18:35:12.067	-1.0	T__								6439056	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																						
(Station ML: 2.5 magdef=1)																						
A265A	1.76	140.2	Lg	18:35:16.910	1.4	T__								6439057	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A267A	1.78	117.3	Pg	18:34:53.740	0.5	T__	96.1			ML	2.5			6439058	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																						
(Station ML: 2.5 magdef=1)																						
PTJ	1.88	184.3	Pg	18:34:54.857	0.6	T__	95.9			ML	2.5			6439059	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.5 magdef=1)																						
(Station ML: 2.5 magdef=1)																						
VYHS	1.92	67.4	Pn	18:34:51.579	0.3	T__	35.8			ML	2.1			6439060	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=0)																						
A331A	1.93	44.3	Pn	18:34:52.771	1.2	T__	106.6			ML	2.6			6439061	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																						
(Station ML: 2.6 magdef=1)																						
CRES	2.02	194.3	Lg	18:35:25.031	1.0	T__								6439062	FDSN	SL	--	BUD	iLoc	BHN	???	_
KOVH	2.15	141.4	Pn	18:34:55.447	1.4	T__	48.8			ML	2.4			6439065	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																						
(Station ML: 2.4 magdef=1)																						
MORC	2.19	24.0	Pn	18:34:55.677	0.3	T__	99.5			ML	2.7			6439063	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						
MORH	2.31	132.0	Pn	18:34:56.496	0.3	T__	53.1			ML	2.5			6439064	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																						
(Station ML: 2.5 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/06	09:01:18.42	1.35	0.92	47.2248	18.2592	11.9	6.4	75	0.0f		8	5	165	0.08	1.04	sx	BUD	17000820	BUD			329

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	3 BUD	17000820

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.08	337.0	Pg	09:01:21.320	0.5					T__		499.4			ML	1.2	6442532	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	337.0	Lg	09:01:22.640	-0.5					T__						6442533	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.14	0.4	Pg	09:01:22.362	0.5					T__	258.4				ML	1.1	6442535	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.14	0.4	Lg	09:01:24.099	-0.9					T__						6442534	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW1	0.17	360.0	Pg	09:01:23.057	0.7					T__	170.7				ML	1.0	6442536	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.17	360.0	Lg	09:01:25.211	-0.8					T__						6442537	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
MSW3	0.18	330.3	Lg	09:01:25.662	-0.8					T__						6442538	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.04	165.2	Lg	09:01:53.491	-1.0					T__						6442539	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2021/04/07 09:19:38.16 0.96 1.24 48.9292 21.1664 6.6 4.4 151 5.0f 15 9 123 0.60 1.57 ke BUD 17000824 BUD 209

Magnitude Err Nsta Author OrigID  
ML 1.9 0.0 5 BUD 17000824

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.60	224.0	Pg	09:19:50.637	0.6					T__		87.0		---	ML	1.8 6446262	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	224.0	Lg	09:19:56.681	-2.4					T__				---		6446263	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
KECS	0.63	225.5	Pg	09:19:51.407	0.6					T__		89.8		---	ML	1.8 6446259	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	225.5	Lg	09:20:01.390	1.1					T__				---		6446255	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
ABAH	0.64	175.6	Pn	09:19:53.269	-0.9					T__		117.3		---	ML	1.9 6446257	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.64	175.6	Lg	09:20:00.108	-0.8					T__				---		6446264	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
KOLS	0.73	89.3	Pg	09:19:52.301	0.3					T__				---		6446260	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.73	89.3	Lg	09:20:03.625	-0.0					T__				---		6446261	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	0.75	311.0	Lg	09:20:02.045	-1.0					T__				---		6446265	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	0.91	208.1	Pn	09:19:57.218	0.5					T__		88.3		---	ML	2.0 6446256	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.91	208.1	Lg	09:20:07.633	-2.3					T__				---		6446266	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
PSZ	1.32	220.4	Lg	09:20:24.710	1.5					T__				---		6446258	FDSN	GE	--	BUD	iLoc	HHE	???	_
ET1H	1.36	219.9	Sn	09:20:22.832	0.7					T__				---		6446267	FDSN	HU	--	BUD	iLoc	HHN	???	_
OJC	1.57	325.9	Pn	09:20:06.143	-0.1					T__		110.7		---	ML	2.4 6446269	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.57	325.9	Lg	09:20:27.972	-0.1					T__				---		6446268	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/04/07	09:52:44.21	0.87	0.99	47.8089	19.1729	5.1	2.9	173	0.0f		16	11	115	0.11	1.14	kx	BUD	17000826	BUD			165		
2021/04/07	09:52:44.33	0.85	1.27	47.8355	19.1270f				0.0f		16	11	106	0.07	1.15	kx	BUD_GT	17000827	BUD_GT			159		
(locality : Sejce-Vác Hungary) (GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID  
ML 1.9 0.3 5 BUD\_GT 17000827

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU10A	0.07	277.6	Pg	09:52:47.614	1.3					T__		3943.9		---	ML	2.1 6446307	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:52:49.253	1.1					T__				---		6446308	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
HU03A	0.33	77.7	Lg	09:52:56.703	-0.1					T__				---		6446309	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BUD	0.36	191.2	Lg	09:52:56.852	-1.5					T__				---		6446310	FDSN	HU	--	BUD	iLoc	HHN	???	_
ET1H	0.50	84.8	Pg	09:52:55.064	-0.1					T__		75.0		---	ML	1.6 6446312	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.8	Lg	09:53:01.173	-1.8					T__				---		6446311	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								

PSZ	0.52	80.6	Lg	09:53:02.514	-1.6	T__								6446313	FDSN	GE	--	BUD	iLoc	HHN	???	_
HU09A	0.54	248.9	Lg	09:53:03.855	-0.7	T__								6446314	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
VYHS	0.69	343.6	Pg	09:52:59.087	0.7	T__				33.6				6446316	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.6	Lg	09:53:08.698	0.1	T__								6446315	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=0)																						
HU08A	0.91	244.0	Lg	09:53:17.192	0.4	T__								6446317	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.98	72.5	Pn	09:53:04.228	-0.1	T__				71.7				6446319	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	09:53:17.788	-2.4	T__								6446318	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
KECS	1.12	54.0	Sn	09:53:21.662	-1.7	T__								6446320	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	1.15	54.5	Pg	09:53:07.059	-0.1	T__				87.1				6446321	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	09:53:22.407	-1.8	T__								6446322	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/07	10:34:38.55	0.96	0.73	47.8535	20.1612	4.6	3.7	32	0.0f		8	4	122	0.19	0.36	kx	BUD	17000828	BUD			235
2021/04/07	10:34:38.58	0.95	0.64	47.8650	20.1529f				0.0f		8	4	119	0.18	0.36	kx	BUD_GT	17000829	BUD_GT			236
(locality : Kiszána Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	4 BUD_GT	17000829

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	10:34:43.551	0.5					T__		260.7			ML	1.2	6446802	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:34:46.531	-0.2					T__						6446805	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ET1H	0.19	274.4	Pg	10:34:43.625	0.6					T__		219.1			ML	1.2	6446803	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	10:34:46.009	-0.5					T__						6446806	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU23A	0.24	163.9	Pg	10:34:44.110	0.1					T__		588.1			ML	1.7	6446808	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.24	163.9	Lg	10:34:47.239	-1.0					T__						6446807	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.36	44.0	Pg	10:34:46.978	0.6					T__		76.8			ML	1.2	6446804	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:34:51.746	-0.8					T__						6446809	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/07	18:01:56.75	0.90	0.55	47.7362	16.1530	4.1	3.6	21	12.8		5.9	19	12	110	0.10	1.34	ke	BUD	17000830	BUD			159

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	7 BUD	17000830

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
RONA	0.10	110.6	Pg	18:02:00.104	0.0					T__		230.9		---	ML	1.0	6447295	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.10	110.6	Lg	18:02:01.855	-0.6					T__				---		6447296	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										
CONA	0.27	314.5	Pg	18:02:02.842	-0.0					T__		57.1		---	ML	0.8	6447298	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.27	314.5	Lg	18:02:06.623	-0.4					T__				---		6447297	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=0)																										
SOP	0.28	100.8	Pg	18:02:02.972	0.1					T__		68.1		---	ML	0.9	6447299	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.28	100.8	Lg	18:02:06.809	-0.2					T__				---		6447300	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1)																										
(Station ML: 0.9 magdef=1)																										
A004A	0.28	35.8	Pg	18:02:03.196	0.4					T__		581.9		---	ML	1.8	6447302	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A004A	0.28	35.8	Lg	18:02:08.281	1.3					T__				---		6447301	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
A005B	0.64	3.1	Lg	18:02:18.283	-0.1					T__				---		6447305	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
ARSA	0.65	221.5	Pg	18:02:10.050	0.6					T__		76.3		---	ML	1.7	6447303	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.65	221.5	Lg	18:02:17.761	-0.0					T__				---		6447304	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
A008A	0.72	332.2	Lg	18:02:19.810	-0.7					T__				---		6447307	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
A018A	0.73	271.0	Pg	18:02:11.168	0.2					T__		66.7		---	ML	1.7	6447306	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
EGYH	0.86	111.4	Lg	18:02:25.621	-0.4					T__				---		6447308	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MODS	0.99	49.4	Pg	18:02:16.159	-0.3					T__				---		6447310	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.99	49.4	Lg	18:02:30.166	-0.8					T__				---		6447309	FDSN	SK	--	BUD	iLoc	HHN	???	_		
A001A	1.04	16.2	Lg	18:02:31.507	0.0					T__				---		6447311	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
KRUC	1.34	6.8	Pn	18:02:21.151	0.6					T__		72.9		---	ML	2.1	6447313	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	1.34	6.8	Sn	18:02:38.212	0.1					T__				---		6447312	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=0)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/08	06:18:19.81	1.26	0.58	47.3233	18.2923	7.1	3.4	107	0.0f		9	5	185	0.05	1.13	sx	BUD	17000832	BUD			267

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	4 BUD	17000832

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
CSKK	0.05	331.5	Pg	06:18:21.806	0.4					T__		860.0		---	ML	1.4	6448308	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.05	331.5	Lg	06:18:22.501	-0.7					T__				---		6448309	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
MSW2	0.06	249.2	Pg	06:18:21.910	0.2					T__		407.4		---	ML	1.1	6448311	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.06	249.2	Lg	06:18:23.022	-0.6					T__				---		6448312	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
MSW1	0.07	342.0	Pg	06:18:22.215	0.3					T__		691.2		---	ML	1.3	6448316	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.07	342.0	Lg	06:18:23.370	-0.8					T__				---		6448310	FDSN	HU	--	BUD	iLoc	HHE	???	_		

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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW3 0.13 297.9 Pg 06:18:23.508 0.5 T__ 165.7 ___ ML 0.9 6448314 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.13 297.9 Lg 06:18:25.767 -0.1 T__ ___ 6448313 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MORH 1.13 167.6 Lg 06:18:58.529 -0.3 T__ ___ 6448315 FDSN HU -- BUD iLoc HHE ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/08	09:14:40.40	1.11	0.79	47.2272	18.3055	7.4	4.6	43	0.0f	12	8	121	0.10	1.15	kx	BUD	17000834	BUD			177	
2021/04/08	09:14:40.54	0.93	0.76	47.2302	18.2835f				0.0f	12	8	123	0.09	1.15	kx	BUD_GT	17000835	BUD_GT			172	

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	4 BUD_GT	17000835

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW2	0.09	325.6	Pg	09:14:43.396	0.4					T__		518.6		___	ML	1.3	6448396	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	325.6	Lg	09:14:44.481	-0.9					T__				___		6448397	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
CSKK	0.13	353.3	Pg	09:14:44.280	0.4					T__		260.9		___	ML	1.1	6448398	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:14:46.519	-0.5					T__				___		6448391	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
MSW1	0.16	354.2	Pg	09:14:45.044	0.6					T__		226.8		___	ML	1.1	6448400	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.16	354.2	Lg	09:14:47.374	-0.6					T__				___		6448399	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
MSW3	0.19	325.1	Pg	09:14:45.847	1.0					T__		117.2		___	ML	0.9	6448402	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.19	325.1	Lg	09:14:48.177	-0.5					T__				___		6448401	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
HU08A	0.32	309.6	Lg	09:14:52.703	-0.4					T__				___		6448392	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
A271A	0.38	101.2	Lg	09:14:54.156	-1.4					T__				___		6448393	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	1.05	166.2	Lg	09:15:15.650	-0.9					T__				___		6448394	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.15	186.4	Sn	09:15:20.046	0.1					T__				___		6448395	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/09	01:51:42.97	0.80	0.77	47.7688	16.1671	4.0	2.8	48	12.2	2.3	35	18	87	0.11	1.63	ke	BUD	17000836	BUD			165	

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	16 BUD	17000836

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	128.4	Pg	01:51:46.035	-0.3					T__		1755.2		___	ML	1.9	6449889	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	128.4	Lg	01:51:47.935	-0.8					T__				___		6449866	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									

A004A	0.25	38.5	Pg	01:51:49.052	0.7	T__	636.3	___	ML	1.8	6449865	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.25	38.5	Lg	01:51:53.821	1.6	T__		---			6449864	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
CONA	0.26	307.9	Pg	01:51:48.438	-0.3	T__	337.8	___	ML	1.6	6449890	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	307.9	Lg	01:51:52.852	0.1	T__		---			6449863	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
SOP	0.28	107.8	Pg	01:51:48.904	-0.1	T__	399.5	___	ML	1.7	6449891	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	107.8	Lg	01:51:52.778	-0.4	T__		---			6449871	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
A005B	0.60	2.4	Pg	01:51:55.385	0.5	T__	368.1	___	ML	2.4	6449868	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.60	2.4	Lg	01:52:03.879	0.3	T__		---			6449867	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
A260A	0.61	142.9	Pg	01:51:55.274	0.1	T__	353.8	___	ML	2.4	6449892	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.61	142.9	Lg	01:52:03.562	0.1	T__		---			6449893	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
ARSA	0.68	220.3	Pg	01:51:56.279	-0.0	T__	280.0	___	ML	2.3	6449873	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	220.3	Lg	01:52:05.071	0.1	T__		---			6449872	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A008A	0.69	330.3	Pg	01:51:56.428	0.0	T__	756.1	___	ML	2.8	6449869	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	330.3	Lg	01:52:05.667	-0.3	T__		---			6449870	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
EGYH	0.86	113.6	Pg	01:52:00.228	0.2	T__	207.9	___	ML	2.3	6449895	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.86	113.6	Lg	01:52:12.149	0.0	T__		---			6449894	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
MODS	0.96	50.5	Pg	01:52:01.484	-0.7	T__		---			6449874	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.96	50.5	Lg	01:52:15.229	-1.1	T__		---			6449875	FDSN	SK	--	BUD	iLoc	HHN	???	_
A006A	0.98	354.3	Pg	01:52:01.271	-0.7	T__	166.5	___	ML	2.3	6449896	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.98	354.3	Lg	01:52:14.309	-1.2	T__		---			6449897	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A001A	1.00	16.3	Pg	01:52:02.396	-0.2	T__	132.0	___	ML	2.2	6449876	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	1.00	16.3	Lg	01:52:16.217	-0.4	T__		---			6449877	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
MPLH	1.11	122.2	Pn	01:52:03.756	0.4	T__	65.7	___	ML	1.9	6449879	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.11	122.2	Sn	01:52:19.253	0.6	T__		---			6449878	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU08A	1.24	105.2	Pn	01:52:05.879	0.8	T__	55.1	___	ML	1.9	6449880	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.24	105.2	Sn	01:52:22.903	1.0	T__		---			6449881	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KRUC	1.30	6.6	Pn	01:52:06.550	0.2	T__	81.7	___	ML	2.1	6449883	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.30	6.6	Sn	01:52:24.133	0.5	T__		---			6449882	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			

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(Station ML: 2.1 magdef=1
VRAC 1.57 10.3 Pn 01:52:10.498 0.4 T__ 22.0 --- ML 1.7 6449884 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.57 10.3 Sn 01:52:30.726 0.6 T__ --- 6449885 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
TREC 1.59 343.8 Sn 01:52:32.775 2.2 T__ --- 6449886 FDSN CZ -- BUD iLoc HHE ??? _
CKRC 1.63 311.0 Pg 01:52:13.367 0.1 T__ 150.7 --- ML 2.6 6449888 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.63 311.0 Sn 01:52:33.408 1.5 T__ --- 6449887 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/09	06:49:48.92	1.74	1.16	47.3783	18.3587	12.6	5.9	132	0.0f	10	9	107	0.07	1.30	sx	BUD	17000838	BUD			139	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.07	257.2	Pg	06:49:51.390	0.4					T__		633.7		---	ML	1.3	6449960	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	257.2	Lg	06:49:52.182	-0.9					T__				---		6449966	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0)																									
MSW1	0.07	282.2	Lg	06:49:52.703	-0.4					T__				---		6449967	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.13	232.9	Lg	06:49:54.574	-0.4					T__				---		6449968	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.16	271.8	Lg	06:49:56.042	0.0					T__				---		6449969	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.14	63.4	Sn	06:50:26.966	-1.6					T__				---		6449961	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VVHS	1.16	15.9	Lg	06:50:29.052	-0.3					T__				---		6449963	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.17	61.9	Sn	06:50:27.860	-1.9					T__				---		6449962	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.18	170.4	Sn	06:50:28.083	-1.1					T__				---		6449964	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.30	187.9	Sn	06:50:33.075	0.9					T__				---		6449965	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/09	08:10:48.90	1.52	1.85	48.2335	21.2555	9.2	4.2	123	0.0f	10	8	153	0.06	0.99	kx	BUD	17000840	BUD				206	
2021/04/09	08:10:49.13	0.96	1.65	48.2470	21.2460f				0.0f	10	8	151	0.05	0.99	kx	BUD_GT	17000841	BUD_GT				204	

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

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 3 BUD\_GT 17000841

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	08:10:51.343	0.6					T__		2562.5		---	ML	1.8	6449993	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	08:10:51.949	-0.3					T__				---		6449994	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
HU02A	0.50	255.8	Pg	08:11:00.176	0.5					T__		49.5		---	ML	1.4	6449995	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	08:11:06.248	-1.5					T__				---		6449996	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
JOS	0.53	298.1	Pg	08:11:00.679	0.8					T__		51.9		---	ML	1.5	6449997	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1																									

```

(Station ML: 1.5 magdef=1
KECS 0.56 295.3 Lg 08:11:08.520 -0.4 T__ --- 6449998 FDSN SK -- BUD iLoc EHN ??? _
TRPA 0.87 97.2 Lg 08:11:20.608 0.0 T__ --- 6449999 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.96 250.6 Lg 08:11:21.949 -1.9 T__ --- 6450000 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Lg 08:11:19.360 -4.0 T__ --- 6449992 FDSN SK -- BUD iLoc HHZ ??? _
ET1H 0.99 248.7 Lg 08:11:23.737 -0.7 T__ --- 6450001 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/10 01:29:08.63 2.38 0.90 45.9320 17.2928 19.1 5.9 42 13.9 15.1 10 6 213 0.23 0.98 ke BUD 17000846 BUD 267

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD 17000846

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A264A 0.23 359.5 Pg 01:29:13.860 -0.1 T__ 121.4 ___ ML 1.0 6453276 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.23 359.5 Lg 01:29:17.636 0.0 T__ ___ 6453281 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
A273A 0.37 92.3 Pg 01:29:16.170 -0.2 T__ 108.3 ___ ML 1.4 6453278 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.37 92.3 Lg 01:29:21.460 0.0 T__ ___ 6453277 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOVH 0.58 74.2 Pn 01:29:21.361 0.1 T__ 29.7 ___ ML 1.3 6453282 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.58 74.2 Lg 01:29:29.953 1.6 T__ ___ 6453279 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A265A 0.60 35.2 Pg 01:29:20.435 -0.3 T__ 121.3 ___ ML 1.9 6453284 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
KOGS 0.89 305.9 Sn 01:29:39.192 1.0 T__ ___ 6453280 FDSN SL -- BUD iLoc BHN ??? _
MORH 0.98 72.8 Pn 01:29:26.781 0.2 T__ 31.8 ___ ML 1.5 6453283 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.98 72.8 Lg 01:29:40.551 -1.1 T__ ___ 6453285 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/10 05:18:27.69 1.49 1.61 47.7898 16.2212 9.3 6.0 63 15.8 11.2 10 6 145 0.10 1.28 ke BUD 17000848 BUD 216

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```

Magnitude Err Nsta Author OrigID
ML 1.2 0.8 4 BUD 17000848

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.10 150.6 Pg 05:18:31.625 0.2 T__ 60.2 _d ML 0.4 6453659 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 150.6 Lg 05:18:33.711 -0.3 T__ ___ 6453660 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
CONA 0.28 299.9 Pg 05:18:34.270 0.2 T__ 61.4 ___ ML 0.9 6453662 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.28 299.9 Lg 05:18:37.921 -0.5 T__ ___ 6453661 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1

```

A008A	0.69	326.8	Pg	05:18:41.721	0.6	T__	52.6	---	ML	1.6	6453665	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	326.8	Lg	05:18:51.145	0.4	T__		---			6453664	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
ARSA	0.72	221.5	Lg	05:18:50.326	-0.6	T__		---			6453663	FDSN	OE	--	BUD	iLoc	HHN	???	_
A006A	0.96	352.0	Pg	05:18:44.440	-1.9	T__		---			6453666	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
KRUC	1.28	5.1	Pn	05:18:52.449	2.1	T__	47.5	---	ML	1.9	6453667	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.28	5.1	Sn	05:19:09.659	2.5	T__		---			6453668	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/11	00:57:07.67	1.03	0.66	47.3633	18.1480	17.8	4.9	51	9.0f		5	3	178	0.02	0.08	ke	BUD	17000850	BUD			305

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW3	0.02	323.1	Pg	00:57:09.878	0.3					T__		58.2		_c	ML	0.1	6456851	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.02	323.1	Lg	00:57:10.729	-0.6					T__				---		6456847	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.1 magdef=1)																									
(Station ML: 0.1 magdef=1)																									
MSW2	0.07	144.9	Pg	00:57:10.426	0.3					T__		34.6		---	ML	0.0	6456850	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	144.9	Lg	00:57:11.770	-0.5					T__				---		6456849	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.0 magdef=1)																									
(Station ML: 0.0 magdef=1)																									
CSKK	0.08	90.1	Lg	00:57:12.092	-0.3					T__				---		6456848	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/04/12	07:28:17.84	2.17	1.50	47.9848	20.6931	12.9	7.1	153	0.0f		7	5	213	0.18	0.54	kx	BUD	17000852	BUD			274		
2021/04/12	07:28:18.37	0.89	1.73	48.0750	20.6990f				0.0f		7	5	195	0.13	0.56	kx	BUD_GT	17000853	BUD_GT			268		
(locality : Miskolc-Mexikóvölgy Hungary)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	292.1	Pg	07:28:22.698	1.2					T__		478.3		---	ML	1.3	6457110	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:28:24.561	0.3					T__				---		6457109	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.42	58.4	Lg	07:28:34.340	-0.2					T__				---		6457111	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.43	340.8	Lg	07:28:35.736	1.8					T__				---		6457108	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.43	345.9	Pn	07:28:29.552	-2.3					T__		42.7		---	ML	1.1	6457106	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:28:35.289	1.3					T__				---		6457107	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.56	254.1	Lg	07:28:36.947	-2.5					T__				---		6457112	FDSN	GE	--	BUD	iLoc	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2021/04/12 07:41:42.64 0.96 1.07 47.5572 18.4226 7.0 2.8 107 0.0f 10 6 155 0.09 0.98 kx BUD 17000854 BUD 193  
 2021/04/12 07:41:42.45 0.90 1.01 47.5600 18.4573f 0.0f 10 6 160 0.09 0.97 kx BUD\_GT 17000855 BUD\_GT 197  
 (locality : Tatabánya Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.2 4 BUD\_GT 17000855

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	327.2	Pg	07:41:45.651	0.8					T__		1117.4		---	ML	1.6	6457158	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	07:41:46.694	-0.5					T__				---		6457157	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.24	214.2	Pg	07:41:48.184	0.5					T__		377.5		---	ML	1.5	6457154	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	07:41:51.276	-1.1					T__				---		6457159	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MSW2	0.31	213.1	Pg	07:41:49.925	0.9					T__		87.0		---	ML	1.1	6457162	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.31	213.1	Lg	07:41:53.299	-1.4					T__				---		6457163	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU10A	0.47	52.8	Lg	07:42:00.552	0.1					T__				---		6457155	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
EGYH	0.78	259.8	Lg	07:42:08.114	-1.7					T__				---		6457156	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	0.97	15.1	Pn	07:42:03.141	0.7					T__		18.5		---	ML	1.3	6457161	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	07:42:15.434	-0.9					T__				---		6457160	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/04/12 09:09:34.66 0.93 0.82 47.9585 20.0561 5.7 3.0 153 0.0f 12 8 95 0.12 1.21 sx BUD 17000856 BUD 136

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 4 BUD 17000856

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.12	249.8	Pg	09:09:38.359	0.6					T__		1238.2		---	ML	1.7	6457195	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.12	249.8	Lg	09:09:40.072	-0.4					T__				---		6457196	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU03A	0.31	260.1	Lg	09:09:46.703	0.1					T__				---		6457197	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU23A	0.35	157.7	Lg	09:09:47.076	-1.0					T__				---		6457198	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU02A	0.35	62.3	Pg	09:09:42.754	0.3					T__		145.3		---	ML	1.4	6457200	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.35	62.3	Lg	09:09:47.821	-0.7					T__				---		6457199	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.60	28.5	Lg	09:09:55.420	-0.5					T__				---		6457201	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.63	30.8	Pg	09:09:48.752	1.5					T__		65.4		---	ML	1.7	6457203	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	30.8	Lg	09:09:56.314	-0.6					T__				---		6457202	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	0.98	303.8	Pg	09:09:53.744	-0.7					T__		23.7		---	ML	1.4	6457204	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.98	303.8	Lg	09:10:07.825	-0.8					T__				---		6457205	FDSN	SK	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 HU04A 1.21 199.1 Sn 09:10:15.350 0.1 T\_\_ --- 6457206 FDSN ZJ 00 BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/12	19:19:52.47	1.15	0.33	47.7767	16.1831	6.0	3.6	45	12.0	9.8	13	7	108	0.11	0.69	ke	BUD	17000858	BUD			163

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.5	6 BUD	17000858

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	135.2	Pg	19:19:55.737	-0.0					T__		98.9		---	ML	0.6	6457380	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	135.2	Lg	19:19:57.562	-0.6					T__				---		6457381	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=0																									
CONA	0.26	305.1	Pg	19:19:58.477	0.1					T__		54.0		---	ML	0.8	6457384	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	305.1	Lg	19:20:02.463	0.1					T__				---		6457385	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
SOP	0.27	110.1	Pg	19:19:58.643	0.3					T__		57.5		---	ML	0.8	6457379	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	110.1	Lg	19:20:02.666	0.3					T__				---		6457378	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
A005B	0.60	1.4	Lg	19:20:12.186	-0.6					T__				---		6457388	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A013A	0.60	299.1	Pg	19:20:04.289	0.1					T__		93.7		---	ML	1.8	6457387	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.60	299.1	Lg	19:20:12.223	0.2					T__				---		6457386	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
ARSA	0.69	220.6	Pg	19:20:05.890	-0.1					T__		40.8		---	ML	1.5	6457390	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	220.6	Lg	19:20:14.719	-0.1					T__				---		6457389	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
A008A	0.69	329.2	Pg	19:20:06.056	0.2					T__		73.9		---	ML	1.8	6457382	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	329.2	Lg	19:20:15.220	-0.2					T__				---		6457383	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/13	05:46:04.25	1.00	0.83	46.0087	22.8019	8.4	4.1	61	0.0f		9	5	133	0.14	0.88	sx	BUD	17000860	BUD			200

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	17000860

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.14	150.5	Pg	05:46:06.731	-0.3					T__		1070.0		---	ML	1.7	6458420	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.14	150.5	Lg	05:46:09.562	0.5					T__				---		6458421	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
GZR	0.62	181.7	Pg	05:46:16.268	0.2					T__		64.4		---	ML	1.7	6458422	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.62	181.7	Lg	05:46:25.432	0.6					T__				---		6458423	FDSN	RO	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.79 355.4 Pg 05:46:20.514 0.5 T__ 55.4 ___ ML 1.7 6458424 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.79 355.4 Lg 05:46:31.094 -1.1 T__ ___ 6458427 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SIRR 0.84 288.5 Pg 05:46:20.887 -0.4 T__ 36.8 ___ ML 1.5 6458426 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.84 288.5 Lg 05:46:33.552 0.1 T__ ___ 6458425 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
LOT 0.88 129.3 Lg 05:46:32.658 -1.4 T__ ___ 6458428 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/13 08:05:28.92 1.58 1.15 47.8012 19.8872 10.6 3.9 164 0.0f 11 7 213 0.12 1.03 sx BUD 17000862 BUD 237

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17000862

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
PSZ 0.12 2.4 Pg 08:05:32.353 0.3 T__ 964.8 ___ ML 1.6 6458458 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 2.4 Lg 08:05:34.537 -0.3 T__ ___ 6458465 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.22 298.0 Pg 08:05:34.625 0.7 T__ 322.9 ___ ML 1.4 6458460 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.22 298.0 Lg 08:05:37.941 0.2 T__ ___ 6458459 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.54 52.9 Pg 08:05:41.070 0.8 T__ 41.7 ___ ML 1.4 6458461 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.54 52.9 Lg 08:05:48.227 -0.8 T__ ___ 6458466 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU10A 0.59 274.6 Lg 08:05:48.451 -2.3 T__ ___ 6458467 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.82 31.9 Pg 08:05:45.726 0.4 T__ 41.5 ___ ML 1.6 6458462 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.82 31.9 Lg 08:05:56.827 -0.9 T__ ___ 6458463 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.99 315.0 Lg 08:06:03.458 0.1 T__ ___ 6458464 FDSN SK -- BUD iLoc HHN ??? _
ABAH 1.03 60.9 Sn 08:06:04.283 -1.5 T__ ___ 6458468 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/13 08:28:26.44 1.65 1.23 47.2302 18.3502 18.4 6.5 71 0.0f 8 7 118 0.12 1.31 sx BUD 17000864 BUD 154

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MSW2 0.12 307.3 Pg 08:28:30.239 0.8 T__ 438.2 ___ ML 1.3 6458519 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.12 307.3 Lg 08:28:31.163 -1.2 T__ ___ 6458517 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
CSKK 0.15 335.4 Lg 08:28:32.762 -0.6 T__ ___ 6458512 FDSN HU -- BUD iLoc HHN ??? _

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MSW1	0.17	339.2	Lg	08:28:33.226	-1.0					T__					6458518	FDSN	HU	--	BUD	iLoc	HNN	???	_
MORH	1.04	168.7	Lg	08:29:01.091	-1.1					T__					6458513	FDSN	HU	--	BUD	iLoc	HNN	???	_
KOVH	1.16	188.7	Sn	08:29:04.742	-1.3					T__					6458514	FDSN	HU	--	BUD	iLoc	HHE	???	_
PSZ	1.25	56.1	Sn	08:29:10.330	1.1					T__					6458515	FDSN	GE	--	BUD	iLoc	HHE	???	_
VYHS	1.31	14.3	Sn	08:29:10.404	-0.2					T__					6458516	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/13	09:55:44.09	1.29	1.01	48.8757	21.0607	7.3	6.3	8	0.0f		12	7	127	0.51	1.23	sx	BUD	17000866	BUD			221

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	5 BUD	17000866

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.51	222.5	Pg	09:55:54.437	0.1					T__		105.5		---	ML	1.8	6458549	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	222.5	Lg	09:56:02.110	-0.0					T__				---		6458548	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.55	224.4	Pg	09:55:55.331	0.3					T__		117.5		---	ML	1.9	6458550	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.55	224.4	Lg	09:56:02.632	-0.7					T__				---		6458551	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ABAH	0.59	168.4	Pg	09:55:56.746	0.8					T__		69.4		---	ML	1.7	6458553	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.59	168.4	Lg	09:56:05.165	-0.7					T__				---		6458552	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	0.74	317.7	Lg	09:56:08.443	-0.1					T__				---		6458556	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	0.80	85.4	Lg	09:56:10.368	-2.0					T__				---		6458557	FDSN	SK	--	BUD	iLoc	HNN	???	_	
HU02A	0.83	205.5	Pg	09:56:01.576	0.3					T__		49.7		---	ML	1.7	6458558	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	205.5	Lg	09:56:12.615	-1.5					T__				---		6458554	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
PSZ	1.23	219.5	Pn	09:56:08.890	1.1					T__		46.8		---	ML	1.9	6458555	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	219.5	Sn	09:56:26.162	-0.4					T__				---		6458559	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/13	13:20:31.86	0.86	0.71	48.3325	19.8474	4.0	3.2	146	0.0f		18	9	91	0.42	1.44	sx	BUD	17000868	BUD			146

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	9 BUD	17000868

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.42	175.6	Pg	13:20:41.212	0.2					T__		158.1		---	ML	1.7	6458613	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	175.6	Lg	13:20:47.880	0.1					T__				---		6458610	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.45	70.2	Pg	13:20:41.249	0.2					T__		227.0		---	ML	1.9	6458605	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	70.2	Lg	13:20:47.806	-0.2					T__				---		6458614	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									

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(Station ML: 1.9 magdef=1
HU03A 0.46 201.2 Pg 13:20:42.144 0.5 T__ 106.4 ___ ML 1.6 6458616 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.46 201.2 Lg 13:20:48.476 -0.3 T__ ___ 6458615 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.49 70.2 Pg 13:20:41.808 0.1 T__ 114.9 ___ ML 1.7 6458603 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.49 70.2 Lg 13:20:49.072 -0.2 T__ ___ 6458604 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.50 114.7 Pg 13:20:42.367 -0.1 T__ 88.0 ___ ML 1.6 6458606 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 114.7 Lg 13:20:49.482 -1.1 T__ ___ 6458607 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 283.9 Pg 13:20:46.204 0.2 T__ 15.2 ___ ML 1.1 6458617 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 283.9 Lg 13:20:54.772 -1.4 T__ ___ 6458618 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
ABAH 0.93 91.7 Pg 13:20:50.562 0.3 T__ 70.2 ___ ML 1.9 6458609 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.93 91.7 Lg 13:21:04.271 -0.5 T__ ___ 6458608 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.13 15.2 Pg 13:20:53.915 0.8 T__ 16.0 ___ ML 1.3 6458612 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.13 15.2 Lg 13:21:09.486 -0.2 T__ ___ 6458611 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 1.44 228.4 Pn 13:20:59.540 1.4 T__ 895.3 ___ ML 3.3 6458620 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 1.44 228.4 Sn 13:21:17.793 -1.1 T__ ___ 6458619 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 3.3 magdef=1
(Station ML: 3.3 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/14 06:43:07.82 1.55 1.10 48.4521 21.3782 8.8 6.9 75 0.0f 8 5 160 0.18 0.76 sx BUD 17000870 BUD 295

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Magnitude Err Nsta Author OrigID
ML 1.2 0.1 3 BUD 17000870

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.18 210.7 Pg 06:43:12.417 0.5 T__ 192.0 ___ ML 1.1 6460793 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.18 210.7 Lg 06:43:15.229 -0.3 T__ ___ 6460794 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.56 274.8 Pg 06:43:19.848 0.8 T__ 23.6 ___ ML 1.2 6460796 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.56 274.8 Lg 06:43:26.441 -1.1 T__ ___ 6460795 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.59 273.3 Lg 06:43:28.658 -0.1 T__ ___ 6460791 FDSN SK -- BUD iLoc EHN ??? _
HU02A 0.66 240.2 Pg 06:43:21.189 -0.4 T__ 37.6 ___ ML 1.4 6460797 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.66 240.2 Lg 06:43:30.819 -1.1 T__ ___ 6460790 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KOLS 0.76 50.6 Lg 06:43:33.352 -1.5 T__ ___ 6460792 FDSN SK -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/14	07:43:37.54	1.58	1.12	47.8008	19.9338	11.2	3.9	171	0.0f	13	7	214	0.12	1.01		kx	BUD	17000872	BUD			234
2021/04/14	07:43:37.96	0.87	0.72	47.8362	19.9346f				0.0f	13	7	209	0.09	0.99		kx	BUD_GT	17000873	BUD_GT			225

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD_GT	17000873

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.09	341.8	Pg	07:43:40.794	0.3					T__		2913.7		___	ML	2.0	6460857	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.09	341.8	Lg	07:43:42.433	-0.4					T__				---		6460858	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
HU03A	0.24	286.8	Pg	07:43:43.700	0.4					T__		377.7		___	ML	1.5	6460860	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.24	286.8	Lg	07:43:48.096	0.8					T__				---		6460859	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU02A	0.49	54.0	Pg	07:43:48.444	0.0					T__		51.3		___	ML	1.4	6460866	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	54.0	Lg	07:43:55.918	-0.5					T__				---		6460861	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
HU10A	0.62	271.2	Lg	07:43:58.949	-1.9					T__				---		6460867	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.75	29.5	Pn	07:43:54.851	0.3					T__		129.4		___	ML	2.0	6460868	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.75	29.5	Lg	07:44:04.635	0.4					T__				---		6460862	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
JOS	0.77	31.3	Pn	07:43:54.851	-0.1					T__		65.5		___	ML	1.7	6460869	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	31.3	Lg	07:44:04.933	-0.3					T__				---		6460863	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
ABAH	0.99	61.8	Pn	07:43:58.116	0.3					T__		67.4		___	ML	1.9	6460864	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.99	61.8	Lg	07:44:12.272	-0.9					T__				---		6460865	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/14	08:36:11.37	1.90	1.35	48.5801	18.6293	13.6	7.1	169	0.0f	8	4	201	0.63	1.38		sx	BUD	17000874	BUD			242

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	4 BUD	17000874

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A331A	0.63	334.9	Pg	08:36:23.493	-0.4					T__		142.7		___	ML	2.0	6460902	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.63	334.9	Lg	08:36:32.731	0.1					T__				---		6460901	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
JAVC	0.69	294.1	Pg	08:36:25.132	-0.5					T__		83.4		___	ML	1.8	6460908	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.69	294.1	Lg	08:36:37.500	1.0					T__				---		6460907	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									

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(Station ML: 1.8 magdef=1
JOS 1.27 93.1 Pn 08:36:35.860 0.4 T__ 51.0 ___ ML 1.9 6460905 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.27 93.1 Sn 08:36:56.423 1.9 T__ ___ 6460906 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.38 52.0 Pn 08:36:39.437 2.0 T__ 19.2 ___ ML 1.6 6460903 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.38 52.0 Lg 08:36:57.168 0.1 T__ ___ 6460904 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/14	08:41:49.55	1.26	0.76	48.5447	20.7572	8.9	3.7	4	0.0f	12	7	89	0.15	1.08	sx	BUD	17000876	BUD				176

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	6 BUD	17000876

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.15	251.4	Pg	08:41:52.778	-0.0					T__		263.0		___	ML	1.1	6460941	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	251.4	Lg	08:41:55.572	0.1					T__				---		6460942	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.19	251.3	Pg	08:41:53.635	0.0					T__		633.6		___	ML	1.6	6460944	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	251.3	Lg	08:41:57.286	0.5					T__				---		6460943	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.41	127.6	Pg	08:41:58.143	0.2					T__		51.5		___	ML	1.1	6460946	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	127.6	Lg	08:42:04.922	-0.1					T__				---		6460945	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.45	200.2	Pg	08:41:59.186	0.1					T__		32.5		___	ML	1.1	6460947	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	200.2	Lg	08:42:06.412	-0.1					T__				---		6460948	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
PSZ	0.85	222.9	Pg	08:42:07.927	0.4					T__		47.7		___	ML	1.7	6460950	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.85	222.9	Lg	08:42:18.927	-1.4					T__				---		6460951	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
NIE	0.92	341.1	Pn	08:42:09.417	0.5					T__		22.7		___	ML	1.4	6460949	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOLS	1.08	68.2	Lg	08:42:25.148	-1.5					T__				---		6460952	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/14	09:20:52.93	0.90	1.06	47.7150	18.4793	7.2	3.1	144	0.0f	12	7	125	0.10	1.44	sx	BUD	17000878	BUD					200

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	17000878

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.10	220.6	Pg	09:20:55.571	0.1					T__		2499.0		___	ML	2.0	6460990	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

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HU09A  0.10 220.6 Lg      09:20:57.210  -0.7      T__          ---          6460989      FDSN  ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=0
CSKK   0.38 202.9 Pg      09:21:01.456   0.5      T__          199.4      --- ML      1.7 6460991      FDSN  HU      -- BUD  iLoc  HHZ HHZ _
CSKK   0.38 202.9 Lg      09:21:06.970  -0.8      T__          ---          6460992      FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
HU10A  0.39  70.1 Pg      09:21:01.829   0.6      T__          237.7      --- ML      1.8 6460993      FDSN  ZJ      00 BUD  iLoc  HHZ HHZ _
HU10A  0.39  70.1 Lg      09:21:06.970  -0.8      T__          ---          6460994      FDSN  ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
MPLH   0.84 229.8 Pg      09:21:11.216   1.4      T__          70.4       --- ML      1.8 6460995      FDSN  HU      -- BUD  iLoc  HHZ HHZ _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
PSZ    0.98  77.4 Pn      09:21:14.271   1.3      T__          41.1       --- ML      1.7 6460996      FDSN  GE      -- BUD  iLoc  HHZ HHZ _
PSZ    0.98  77.4 Lg      09:21:26.639  -1.6      T__          ---          6460997      FDSN  GE      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=0
MODS   1.04 309.7 Pn      09:21:14.495   0.4      T__          ---          6460999      FDSN  SK      -- BUD  iLoc  HHZ ??? _
MODS   1.04 309.7 Lg      09:21:28.874  -1.1      T__          ---          6460998      FDSN  SK      -- BUD  iLoc  HHE ??? _
HU02A  1.44  72.8 Pn      09:21:19.635   0.3      T__          33.1       --- ML      1.8 6461000      FDSN  ZJ      00 BUD  iLoc  HHZ HHZ _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/04/14 19:42:25.25  0.84  0.33 47.7729 16.3078  4.0  3.2  29 13.0  4.0  23  13  69  0.07  1.29  ke BUD  17000880  BUD  105

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Magnitude  Err Nsta Author  OrigID
ML 1.6 0.1 10 BUD 17000880

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA  0.07 186.0 Pg      19:42:28.327  0.1      T__          176.1      _d_ ML      0.8 6462504      FDSN  OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.07 186.0 Lg      19:42:30.078  -0.3      T__          ---          6462503      FDSN  OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.8 magdef=1
(Station ML:  0.8 magdef=0
SOP   0.19 117.8 Pg      19:42:29.966  0.1      T__          103.2      _c_ ML      0.8 6462505      FDSN  HU      -- BUD  iLoc  HHZ HHZ _
SOP   0.19 117.8 Lg      19:42:32.872  -0.2      T__          ---          6462506      FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.8 magdef=1
(Station ML:  0.8 magdef=0
CONA  0.34 297.5 Pg      19:42:32.425  -0.1      T__          49.2       --- ML      0.9 6462501      FDSN  OE      -- BUD  iLoc  HHZ HHZ _
CONA  0.34 297.5 Lg      19:42:37.435  -0.0      T__          ---          6462502      FDSN  OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.9 magdef=1
(Station ML:  0.9 magdef=1
A260A 0.56 151.0 Lg      19:42:44.583  0.4      T__          ---          6462513      FDSN  Z3      00 BUD  iLoc  HHN ??? _
A013A 0.67 295.9 Pg      19:42:38.348  -0.0      T__          85.9       --- ML      1.8 6462510      FDSN  Z3      00 BUD  iLoc  HHZ HHZ _
A013A 0.67 295.9 Lg      19:42:47.512  0.2      T__          ---          6462509      FDSN  Z3      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
A008A 0.74 323.8 Pg      19:42:39.540  -0.0      T__          52.4       --- ML      1.6 6462507      FDSN  Z3      00 BUD  iLoc  HHZ HHZ _
A008A 0.74 323.8 Lg      19:42:49.337  -0.4      T__          ---          6462508      FDSN  Z3      00 BUD  iLoc  HH2 ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1

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ARSA	0.75	225.8	Pg	19:42:39.498	-0.3	T__				42.9	---	ML	1.5	6462515	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.75	225.8	Lg	19:42:49.183	-0.2	T__					---			6462514	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1)																		
				(Station ML: 1.5 magdef=1)																		
EGYH	0.78	116.8	Pg	19:42:40.913	0.2	T__				107.2	---	ML	2.0	6462516	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.78	116.8	Lg	19:42:51.940	0.0	T__					---			6462517	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.0 magdef=1)																		
				(Station ML: 2.0 magdef=0)																		
A018A	0.83	268.4	Pg	19:42:41.249	-0.2	T__				39.2	---	ML	1.6	6462519	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.83	268.4	Lg	19:42:52.424	0.4	T__					---			6462518	FDSN	Z3	00	BUD	iLoc	HHN	???	_
				(Reading ML: 1.6 magdef=1)																		
				(Station ML: 1.6 magdef=1)																		
MODS	0.89	46.9	Pg	19:42:42.888	-0.1	T__					---			6462521	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.89	46.9	Lg	19:42:55.442	-0.7	T__					---			6462520	FDSN	SK	--	BUD	iLoc	HHN	???	_
A001A	0.97	11.1	Lg	19:42:59.097	0.7	T__					---			6462512	FDSN	Z3	00	BUD	iLoc	HH2	???	_
A006A	0.99	348.9	Pg	19:42:44.532	0.2	T__				47.4	---	ML	1.7	6462511	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.7 magdef=1)																		
				(Station ML: 1.7 magdef=1)																		
KRUC	1.29	2.6	Pn	19:42:48.625	0.3	T__				65.8	---	ML	2.0	6462523	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.29	2.6	Sn	19:43:05.909	0.4	T__					---			6462522	FDSN	CZ	--	BUD	iLoc	HHE	???	_
				(Reading ML: 2.0 magdef=1)																		
				(Station ML: 2.0 magdef=0)																		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/15	08:07:45.46	1.23	0.87	47.3702	18.3999	9.4	5.0	154	0.0f		8	6	96	0.10	1.17	sx	BUD	17000882	BUD			191

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.10	265.8	Pg	08:07:48.278	0.3					T__		1784.6		_c_	ML	1.8	6463235	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	265.8	Lg	08:07:49.769	-0.8					T__				---		6463236	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU09A	0.27	357.5	Lg	08:07:56.250	-0.2					T__				---		6463237	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BUD	0.44	74.8	Lg	08:08:01.950	-0.5					T__				---		6463238	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.15	61.0	Sn	08:08:26.312	0.5					T__				---		6463240	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.16	14.5	Pn	08:08:09.624	1.5					T__		17.3		---	ML	1.4	6463242	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	14.5	Lg	08:08:25.493	-0.5					T__				---		6463241	FDSN	SK	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
MORH	1.17	171.7	Sn	08:08:25.120	-0.3					T__				---		6463239	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/15	08:47:04.81	1.60	0.97	47.7900	19.1304	13.9	3.6	12	0.0f		9	5	230	0.09	0.99	sx	BUD	17000884	BUD			268

Magnitude Err Nsta Author OrigID  
ML 1.5 0.4 5 BUD 17000884

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.09	306.3	Pg	08:47:07.642	0.4					T__		2830.4		---	ML	2.0	6463679	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU10A	0.09	306.3	Lg	08:47:08.706	-0.7	T__									6463685	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
HU03A	0.34	70.0	Pg	08:47:12.783	0.6	T__	112.3								1.3	6463681	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	0.34	70.0	Lg	08:47:18.222	0.6	T__										6463680	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.53	75.7	Pg	08:47:15.986	-0.4	T__	57.5									1.5	6463682	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.53	75.7	Lg	08:47:24.033	-0.8	T__											6463683	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VVHS	0.73	344.5	Pg	08:47:20.626	0.9	T__	21.2									1.2	6463687	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.73	344.5	Lg	08:47:29.492	-1.1	T__											6463686	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU02A	0.99	70.0	Pn	08:47:23.847	-1.2	T__	62.0									1.8	6463684	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/15	09:10:11.81	1.39	0.44	47.2362	18.2418	11.7	6.4	72	0.0f		8	5	167	0.07	1.06	sx	BUD	17000886	BUD			326

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.0	3 BUD	17000886

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW2	0.07	342.3	Pg	09:10:14.265	0.4					T__		319.4			ML	1.0	6463715	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	342.3	Lg	09:10:15.551	-0.5					T__						6463716	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CSKK	0.13	5.7	Pg	09:10:15.412	0.4					T__		233.2			ML	1.0	6463718	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	5.7	Lg	09:10:17.913	-0.1					T__						6463717	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
MSW1	0.16	4.3	Pg	09:10:15.481	-0.1					T__		254.4			ML	1.1	6463720	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.16	4.3	Lg	09:10:18.886	-0.2					T__						6463719	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW3	0.17	331.9	Lg	09:10:18.747	-0.5					T__						6463721	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.06	164.7	Lg	09:10:47.951	-0.3					T__						6463722	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/15	09:33:45.62	0.91	0.88	48.2471	21.1885	4.9	4.1	177	0.0f		19	10	86	0.06	1.51	kx	BUD	17000888	BUD			152
2021/04/15	09:33:45.17	0.86	0.84	48.2470	21.2460f				0.0f		19	10	88	0.05	1.55	kx	BUD_GT	17000889	BUD_GT			153

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	8 BUD_GT	17000889

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
ABAH	0.05	355.1	Pg	09:33:47.167	0.4					T__		12793.0		---	ML	2.5	6463764	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.05	355.1	Lg	09:33:48.508	0.2					T__				---		6463765	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.5 magdef=1)																										
(Station ML: 2.5 magdef=0)																										
HU02A	0.50	255.8	Pg	09:33:55.362	-0.4					T__		115.7		---	ML	1.7	6463762	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.50	255.8	Lg	09:34:01.465	-2.4					T__				---		6463767	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=0)																										
JOS	0.53	298.1	Pg	09:33:56.325	0.4					T__		103.7		---	ML	1.8	6463776	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.53	298.1	Lg	09:34:03.626	-0.4					T__				---		6463775	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
KECS	0.56	295.3	Pg	09:33:56.846	0.4					T__		169.4		---	ML	2.0	6463766	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.56	295.3	Lg	09:34:04.408	-0.6					T__				---		6463777	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
HU05A	0.70	186.1	Pg	09:34:00.720	0.8					T__		352.5		---	ML	2.4	6463770	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU05A	0.70	186.1	Lg	09:34:13.013	1.6					T__				---		6463769	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.4 magdef=1)																										
(Station ML: 2.4 magdef=1)																										
TRPA	0.87	97.2	Pn	09:34:03.738	0.2					T__		128.1		---	ML	2.1	6463778	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TRPA	0.87	97.2	Lg	09:34:16.313	-0.3					T__				---		6463774	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=1)																										
PSZ	0.96	250.6	Pn	09:34:04.892	-0.1					T__		94.0		---	ML	2.0	6463771	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.96	250.6	Lg	09:34:18.905	-1.0					T__				---		6463763	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
KOLS	0.97	44.4	Pn	09:34:05.451	0.4					T__				---		6463768	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
KOLS	0.97	44.4	Lg	09:34:19.533	0.1					T__				---		6463779	FDSN	SK	--	BUD	iLoc	HHN	???	_		
NIE	1.33	332.3	Pn	09:34:09.958	-0.2					T__		40.2		---	ML	1.8	6463772	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_	
NIE	1.33	332.3	Lg	09:34:29.553	-0.2					T__				---		6463780	FDSN	PL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
HU10A	1.55	255.8	Sn	09:34:33.501	-1.0					T__				---		6463773	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/16	06:15:22.64	1.00	1.15	47.1009	17.9468	6.0	4.3	150	0.0f		10	7	110	0.27	1.02	sx	BUD	17000890	BUD			183

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	17000890

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
MSW2	0.27	41.7	Lg	06:15:32.815	-1.0					T__				---		6463841	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MPLH	0.29	284.2	Pg	06:15:29.459	0.5					T__		95.2		---	ML	1.1	6463838	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	0.29	284.2	Lg	06:15:33.554	-0.4					T__				---		6463833	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
HU08A	0.33	357.3	Lg	06:15:34.749	-1.0					T__				---		6463839	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
CSKK	0.34	39.1	Pg	06:15:31.061	1.1					T__		106.4		---	ML	1.3	6463840	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.34	39.1	Lg	06:15:34.709	-1.5					T__				---		6463834	FDSN	HU	--	BUD	iLoc	HHE	???	_		

(Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 MSW1 0.36 35.9 Lg 06:15:35.943 -1.0 T\_\_ --- 6463842 FDSN HU -- BUD iLoc HHN ??? \_  
 MORH 1.01 151.3 Lg 06:15:56.874 -0.6 T\_\_ --- 6463835 FDSN HU -- BUD iLoc HHE ??? \_  
 KOVH 1.02 174.0 Pn 06:15:43.165 0.2 T\_\_ 37.4 --- ML 1.6 6463837 FDSN HU -- BUD iLoc HHZ HHZ \_  
 KOVH 1.02 174.0 Lg 06:15:56.650 -1.4 T\_\_ --- 6463836 FDSN HU -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/16	07:00:05.77	1.10	1.40	48.4138	17.3252	13.2	3.5	121	0.0f		6	4	188	0.05	0.89	sx	BUD	17000892	BUD			258

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 3 BUD 17000892

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.05	218.4	Pg	07:00:07.427	-0.1					T__						6463865	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.05	218.4	Lg	07:00:09.476	0.3					T__						6463866	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.50	27.1	Pg	07:00:17.001	0.7					T__		126.9				6463867	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.50	27.1	Lg	07:00:22.608	-1.8					T__						6463870	FDSN	CZ	--	BUD	iLoc	HHE	???	_

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 SOP 0.89 215.4 Pn 07:00:26.314 1.4 T\_\_ 72.2 --- ML 1.9 6463869 FDSN HU -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 KRUC 0.89 316.8 Pg 07:00:23.185 0.2 T\_\_ 40.8 --- ML 1.6 6463868 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/16	07:30:05.76	1.53	0.48	47.9927	20.3644	15.5	4.1	144	0.0f		7	4	217	0.17	0.52	sx	BUD	17000894	BUD			329

Magnitude Err Nsta Author OrigID  
 ML 1.1 0.2 3 BUD 17000894

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
HU02A	0.17	39.7	Pg	07:30:10.024	0.2					T__		192.9				6463913	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.17	39.7	Lg	07:30:12.509	-0.7					T__						6463918	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

(Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1  
 PSZ 0.32 256.9 Pg 07:30:13.345 0.2 T\_\_ 52.0 --- ML 0.9 6463914 FDSN GE -- BUD iLoc HHZ HHZ \_  
 PSZ 0.32 256.9 Lg 07:30:18.241 -0.5 T\_\_ --- 6463915 FDSN GE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.9 magdef=1  
 (Station ML: 0.9 magdef=1  
 KECS 0.50 9.3 Lg 07:30:23.450 -0.1 T\_\_ --- 6463916 FDSN SK -- BUD iLoc EHZ ??? \_  
 JJS 0.52 13.0 Pg 07:30:16.509 0.3 T\_\_ 35.0 --- ML 1.3 6463917 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JJS 0.52 13.0 Lg 07:30:23.973 -0.2 T\_\_ --- 6463919 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/16	09:14:38.07	1.00	1.02	48.4155	18.7497	8.8	4.1	10	0.0f		13	8	87	0.10	1.22	sx	BUD	17000896	BUD			145

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	6 BUD	17000896

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.10	36.2	Pg	09:14:40.508	0.2					T__		472.1		---	ML	1.2	6464091	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.10	36.2	Lg	09:14:41.413	-0.8					T__				---		6464100	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
A331A	0.81	334.8	Pg	09:14:55.557	1.5					T__		58.3		---	ML	1.7	6464092	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JAVC	0.84	302.2	Pg	09:14:55.830	0.5					T__		67.1		---	ML	1.8	6464102	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.84	302.2	Lg	09:15:06.111	-2.2					T__				---		6464101	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
PSZ	0.91	122.6	Pn	09:14:57.644	0.3					T__		45.6		---	ML	1.7	6464094	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.91	122.6	Lg	09:15:11.177	0.1					T__				---		6464103	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MODS	0.98	268.1	Lg	09:15:12.172	-0.7					T__				---		6464093	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU08A	1.13	209.7	Sn	09:15:18.057	0.4					T__				---		6464095	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
JOS	1.19	85.5	Pn	09:15:01.145	0.1					T__		27.2		---	ML	1.6	6464097	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.19	85.5	Lg	09:15:18.057	-1.2					T__				---		6464096	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	1.22	103.2	Pn	09:15:02.114	0.6					T__		31.4		---	ML	1.7	6464098	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.22	103.2	Sn	09:15:20.218	0.1					T__				---		6464099	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/16	09:49:14.55	1.04	0.68	47.0999	17.9588	7.7	4.1	141	0.0f		12	8	134	0.27	1.02	sx	BUD	17000898	BUD			215

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	17000898

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.27	40.2	Pg	09:49:20.735	0.3					T__		261.0		---	ML	1.5	6464155	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.27	40.2	Lg	09:49:24.596	-0.9					T__				---		6464154	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MPLH	0.29	284.0	Lg	09:49:25.809	-0.3					T__				---		6464149	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW3	0.31	21.9	Pg	09:49:22.098	0.9					T__		466.0		---	ML	1.8	6464156	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.31	21.9	Lg	09:49:26.526	-0.3					T__				---		6464157	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU08A	0.33	355.9	Lg	09:49:27.076	-0.6					T__				---		6464150	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

CSKK	0.33	37.9	Lg	09:49:27.374	-0.6	T__									6464151	FDSN	HU	--	BUD	iLoc	HHE	???	_
MSW1	0.36	34.8	Pg	09:49:22.370	0.2	T__	129.5								6464159	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.36	34.8	Lg	09:49:27.844	-0.9	T__									6464158	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=0)																							
A261A	0.57	255.3	Pg	09:49:26.390	0.0	T__	465.4								6464160	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																							
(Station ML: 2.5 magdef=0)																							
KOVH	1.02	174.5	Pn	09:49:35.644	0.8	T__	29.6								6464153	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.02	174.5	Lg	09:49:49.874	-0.1	T__									6464152	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/16	12:54:44.76	2.66	0.20	45.8655	18.5159	20.3	5.6	169	10.0f	6	3	265	0.36	0.63		ke	BUD	17000900	BUD			331

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.7	3 BUD	17000900

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MORH	0.36	14.2	Pg	12:54:52.280	0.0					T__		270.3			ML	1.7	6464343	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.36	14.2	Lg	12:54:57.801	-0.1					T__						6464341	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOVH	0.37	307.7	Pg	12:54:52.362	-0.1					T__		68.5			ML	1.2	6464339	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.37	307.7	Lg	12:54:58.099	0.3					T__						6464340	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU22A	0.63	42.6	Pg	12:54:57.354	0.1					T__		244.1			ML	2.2	6464342	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.63	42.6	Lg	12:55:07.182	-0.2					T__						6464344	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/17	08:40:14.67	3.14	0.68	48.5249	20.7802	19.1	7.5	51	0.0f	10	5	293	0.16	1.29		sx	BUD	17000904	BUD			315

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	5 BUD	17000904

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	259.8	Pg	08:40:18.370	0.2					T__		354.0			ML	1.3	6466890	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	259.8	Lg	08:40:21.276	0.4					T__						6466889	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.20	258.1	Pg	08:40:18.668	-0.2					T__		961.3			ML	1.8	6466891	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	258.1	Lg	08:40:22.245	0.0					T__						6466892	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU02A	0.44	203.0	Pg	08:40:24.107	0.1					T__		38.0			ML	1.1	6466893	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	203.0	Lg	08:40:31.483	0.3					T__						6466894	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
PSZ 0.85 224.6 Pn 08:40:31.706 -1.2 T__ 42.7 ___ ML 1.6 6466896 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.85 224.6 Lg 08:40:44.745 -0.6 T__ ___ 6466895 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.29 269.4 Pn 08:40:39.231 0.1 T__ 16.3 ___ ML 1.4 6466898 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 269.4 Sn 08:40:57.485 -1.0 T__ ___ 6466897 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/17 08:53:00.85 1.07 0.91 46.1317 18.3239 7.7 3.6 166 0.0f 7 4 185 0.16 0.47 kx BUD 17000906 BUD 260
2021/04/17 08:53:01.20 0.96 0.93 46.1765 18.2926f 0.0f 7 4 155 0.16 0.42 kx BUD_GT 17000907 BUD_GT 239
(locality : Komló Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.3 0.4 3 BUD_GT 17000907

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 08:53:04.831 -0.2 T__ 321.7 ___ ML 1.3 6466927 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:53:07.663 -0.5 T__ ___ 6466928 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 0.25 80.9 Pg 08:53:06.694 -0.0 T__ 101.1 ___ ML 1.0 6466925 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:53:09.376 -1.8 T__ ___ 6466926 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A266A 0.35 356.8 Lg 08:53:14.684 0.1 T__ ___ 6466930 FDSN Z3 00 BUD iLoc HHN ??? _
A265A 0.42 305.9 Pg 08:53:11.388 1.1 T__ 699.0 ___ ML 2.3 6466929 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.42 305.9 Lg 08:53:17.459 0.7 T__ ___ 6466931 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/17 15:02:15.73 0.89 0.47 48.2312 16.0597 4.8 3.4 108 9.0f 13 8 128 0.17 0.86 ke BUD 17000908 BUD 168

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Magnitude Err Nsta Author OrigID
ML 1.3 0.2 6 BUD 17000908

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A005B 0.17 34.6 Pg 15:02:19.682 0.2 T__ 153.6 ___ ML 1.0 6466967 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.17 34.6 Lg 15:02:22.574 0.3 T__ ___ 6466965 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A008A 0.30 297.0 Pg 15:02:21.730 -0.1 T__ 125.9 ___ ML 1.2 6466968 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.30 297.0 Lg 15:02:26.061 -0.1 T__ ___ 6466969 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

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CONA	0.33	203.7	Pg	15:02:22.500	-0.2	T__	54.1	_d_ ML	1.0	6466963	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.33	203.7	Lg	15:02:27.305	-0.1	T__		---		6466964	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																		
(Station ML: 1.0 magdef=0)																		
A013A	0.47	249.3	Pg	15:02:24.934	-0.0	T__	81.3	___ ML	1.5	6466970	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.47	249.3	Lg	15:02:31.328	0.2	T__		---		6466966	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																		
(Station ML: 1.5 magdef=0)																		
RONA	0.56	163.3	Pg	15:02:27.113	0.1	T__	29.8	___ ML	1.3	6466971	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.56	163.3	Lg	15:02:34.266	-0.2	T__		---		6466972	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																		
(Station ML: 1.3 magdef=1)																		
A001A	0.61	35.1	Pg	15:02:28.082	0.2	T__	46.1	___ ML	1.5	6466973	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																		
(Station ML: 1.5 magdef=1)																		
A018A	0.82	233.9	Lg	15:02:42.424	0.3	T__		---		6466974	FDSN	Z3	00	BUD	iLoc	HHE	???	_
KRUC	0.86	14.9	Lg	15:02:43.504	-1.3	T__		---		6466975	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/17	21:31:34.36	1.39	0.35	47.3709	18.1521	5.9	3.8	22	5.0	8.8	10	6	139	0.02	0.48		ke BUD	17000910	BUD			152

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.0	5 BUD	17000910

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MSW3	0.02	304.8	Pg	21:31:35.865	0.3					T__		240.1		_c_ ML	0.7	6469155	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.02	304.8	Lg	21:31:36.473	-0.3					T__				---		6469156	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
CSKK	0.07	96.0	Pg	21:31:36.651	0.3					T__		223.7		___ ML	0.9	6469151	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	96.0	Lg	21:31:37.992	-0.3					T__				---		6469152	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
MSW1	0.08	73.1	Pg	21:31:36.639	0.2					T__		178.1		_d_ ML	0.8	6469158	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	73.1	Lg	21:31:37.993	-0.3					T__				---		6469157	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
MSW2	0.08	149.7	Pg	21:31:36.747	0.3					T__		74.7		_c_ ML	0.4	6469159	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	149.7	Lg	21:31:38.101	-0.3					T__				---		6469160	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.4 magdef=1)																								
(Station ML: 0.4 magdef=0)																								
HU08A	0.17	291.4	Lg	21:31:40.786	-0.3					T__				---		6469153	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A267A	0.48	152.0	Pg	21:31:44.101	0.1					T__		87.8		___ ML	1.6	6469154	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/04/18	03:19:10.43	0.89	1.02	47.7553	16.1325	4.3	3.2	40	9.0f		17	10	102	0.12	1.02		ke BUD	17000912	BUD					196

Magnitude	Err	Nsta	Author	OrigID

ML 1.5 0.2 7 BUD 17000912

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.12	116.6	Pg	03:19:13.454	-0.2					T__		73.5		_d_	ML	0.5 6471287	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	116.6	Lg	03:19:15.503	-0.4					T__				---		6471286	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=0)																								
CONA	0.25	313.6	Pg	03:19:16.062	0.2					T__		45.4		---	ML	0.7 6471288	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	313.6	Lg	03:19:19.657	0.0					T__				---		6471289	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																								
A004A	0.27	40.5	Pg	03:19:16.602	0.5					T__		330.7		---	ML	1.6 6471291	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.27	40.5	Lg	03:19:22.097	2.0					T__				---		6471290	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
SOP	0.30	103.9	Pg	03:19:16.583	-0.1					T__		53.8		_c_	ML	0.9 6471292	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.30	103.9	Lg	03:19:20.495	-0.4					T__				---		6471293	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								
A005B	0.62	4.5	Pg	03:19:22.691	0.2					T__		60.5		---	ML	1.6 6471301	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.62	4.5	Lg	03:19:30.905	-0.4					T__				---		6471302	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
ARSA	0.65	219.5	Pg	03:19:23.400	0.2					T__		43.6		---	ML	1.5 6471295	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.65	219.5	Lg	03:19:32.117	0.7					T__				---		6471294	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
A008A	0.69	332.5	Pg	03:19:23.642	-0.1					T__		65.5		---	ML	1.7 6471296	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	332.5	Lg	03:19:32.713	-0.6					T__				---		6471297	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																								
MODS	0.99	50.7	Sn	03:19:42.548	-1.8					T__				---		6471299	FDSN	SK	--	BUD	iLoc	HHE	???	_
A006A	0.99	355.7	Lg	03:19:41.877	-2.1					T__				---		6471298	FDSN	Z3	00	BUD	iLoc	HHE	???	_
A001A	1.02	17.3	Sn	03:19:43.889	-1.1					T__				---		6471300	FDSN	Z3	00	BUD	iLoc	HH3	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/19	06:05:38.82	1.05	0.94	47.3245	18.2688	6.0	3.5	113	0.0f		13	8	148	0.04	1.24	kx	BUD	17000916	BUD			222	
2021/04/19	06:05:38.47	0.91	0.90	47.3167	18.3081f				0.0f		13	8	151	0.06	1.27	kx	BUD_GT	17000917	BUD_GT			241	
(locality : Magyaralmás Hungary) (GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 5 BUD\_GT 17000917

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CSKK	0.06	325.1	Pg	06:05:40.571	0.3					T__		1349.2		---	ML	1.6 6482110	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	06:05:41.544	-0.7					T__				---		6482115	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																								
MSW2	0.07	257.7	Lg	06:05:41.077	-1.5					T__				---		6482114	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW1	0.08	336.4	Pg	06:05:41.057	0.3					T__		740.4		---	ML	1.4 6482116	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	336.4	Lg	06:05:41.868	-1.3					T__				---		6482117	FDSN	HU	--	BUD	iLoc	HHN	???	_

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.14 298.3 Pg 06:05:42.456 0.6 T__ 274.0 ___ ML 1.1 6482119 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.14 298.3 Lg 06:05:43.754 -1.2 T__ ___ 6482118 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU09A 0.33 8.9 Pg 06:05:46.605 1.2 T__ 124.4 ___ ML 1.3 6482111 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.33 8.9 Lg 06:05:51.136 -0.3 T__ ___ 6482120 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 1.13 168.1 Pg 06:06:01.767 0.9 T__ 24.0 ___ ML 1.5 6482112 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.13 168.1 Lg 06:06:16.690 -0.5 T__ ___ 6482121 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 1.23 16.6 Sn 06:06:20.259 -0.5 T__ ___ 6482122 FDSN SK -- BUD iLoc HHE ??? _
MODS 1.27 327.1 Sn 06:06:20.765 -0.8 T__ ___ 6482113 FDSN SK -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 10:05:52.45 1.00 1.25 48.7361 20.7912 6.1 4.2 83 10.0f 12 6 170 0.29 1.01 ke BUD 17000918 BUD 286

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 6 BUD 17000918

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.29 214.9 Pg 10:05:59.154 0.6 T__ 80.9 ___ ML 1.0 6482371 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.29 214.9 Lg 10:06:02.954 -0.3 T__ ___ 6482372 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
KECS 0.32 218.8 Pg 10:05:59.564 0.3 T__ 283.7 ___ ML 1.7 6482374 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.32 218.8 Lg 10:06:03.923 -0.4 T__ ___ 6482373 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.53 145.7 Pg 10:06:03.782 0.7 T__ 43.6 ___ ML 1.4 6482376 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.53 145.7 Lg 10:06:09.677 -1.6 T__ ___ 6482377 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.64 196.2 Pg 10:06:05.785 0.1 T__ 23.7 ___ ML 1.2 6482375 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.64 196.2 Lg 10:06:13.545 -1.6 T__ ___ 6482378 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
NIE 0.76 334.9 Pg 10:06:07.079 0.3 T__ 20.1 ___ ML 1.2 6482380 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.76 334.9 Lg 10:06:16.168 -1.0 T__ ___ 6482379 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 1.01 216.5 Pn 10:06:14.398 2.5 T__ 34.9 ___ ML 1.6 6482381 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.01 216.5 Sn 10:06:27.547 0.3 T__ ___ 6482382 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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```

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

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2021/04/19 13:22:35.80 0.94 0.54 47.8447 16.0352 16.7 3.2 36 0.0f 8 5 168 0.14 0.58 sx BUD 17000920 BUD 183

Magnitude Err Nsta Author OrigID  
ML 1.1 0.4 3 BUD 17000920

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CONA	0.14	305.7	Pg	13:22:38.880	-0.0					T__		265.6		---	ML	1.1 6482455	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	305.7	Lg	13:22:40.817	-0.3					T__				---		6482456	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																								
RONA	0.23	129.4	Pg	13:22:40.855	0.2					T__		55.8		_c_	ML	0.7 6482458	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	129.4	Lg	13:22:44.021	-0.0					T__				---		6482457	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																								
SOP	0.39	114.4	Lg	13:22:48.640	-0.7					T__				---		6482459	FDSN	HU	--	BUD	iLoc	HHE	???	_
A013A	0.48	297.6	Pg	13:22:45.697	0.7					T__		56.9		---	ML	1.4 6482460	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.48	297.6	Lg	13:22:50.577	-0.6					T__				---		6482461	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
A008A	0.58	334.1	Lg	13:22:55.197	0.2					T__				---		6482462	FDSN	Z3	00	BUD	iLoc	HH3	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/04/19 19:18:17.15 0.94 0.72 47.7668 16.1877 7.4 4.5 40 12.5 0.7 11 7 88 0.10 1.18 ke BUD 17000922 BUD 167

Magnitude Err Nsta Author OrigID  
ML 1.3 0.8 4 BUD 17000922

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.10	132.4	Pg	19:18:20.439	0.0					T__		50.0		_d_	ML	0.3 6482490	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	132.4	Lg	19:18:22.413	-0.3					T__				---		6482491	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.3 magdef=1 Station ML: 0.3 magdef=1)																								
CONA	0.27	306.5	Lg	19:18:27.405	0.1					T__				---		6482492	FDSN	OE	--	BUD	iLoc	HHN	???	_
A013A	0.60	299.7	Pg	19:18:29.007	-0.0					T__		25.1		---	ML	1.2 6482494	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.60	299.7	Lg	19:18:37.128	0.1					T__				---		6482493	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
ARSA	0.69	221.3	Pg	19:18:30.534	-0.1					T__		28.0		---	ML	1.3 6482495	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	221.3	Lg	19:18:39.288	-0.1					T__				---		6482496	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
A008A	0.70	329.4	Lg	19:18:39.922	-0.5					T__				---		6482497	FDSN	Z3	00	BUD	iLoc	HH2	???	_
MODS	0.95	49.9	Lg	19:18:50.017	-0.1					T__				---		6482498	FDSN	SK	--	BUD	iLoc	HHE	???	_
A337A	1.18	65.5	Pn	19:18:39.512	0.9					T__		269.5		---	ML	2.6 6482500	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	1.18	65.5	Sn	19:18:56.387	1.5					T__				---		6482499	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/04/19 22:57:12.18 0.66 0.98 47.7695 16.1681 3.5 2.7 52 12.1 1.1 110 77 46 0.11 4.23 ke BUD 17000924 BUD 78

Magnitude Err Nsta Author OrigID  
 ML 4.3 0.1 74 BUD 17000924

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	128.9	Pg	22:57:15.035	-0.5					T__		92087.3		_d_	ML	3.6	6482699	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	128.9	Lg	22:57:17.084	-0.8					T__				---		6482700	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.6 magdef=1)																									
(Station ML: 3.6 magdef=0)																									
A004A	0.25	38.4	Pg	22:57:17.866	0.3					T__		181739.9		_c_	ML	4.2	6482706	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.25	38.4	Lg	22:57:23.119	1.8					T__				---		6482705	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 4.2 magdef=1)																									
(Station ML: 4.2 magdef=1)																									
CONA	0.26	307.7	Pg	22:57:17.568	-0.4					T__		69875.3		---	ML	3.9	6482702	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	307.7	Lg	22:57:21.740	-0.2					T__				---		6482701	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.9 magdef=1)																									
(Station ML: 3.9 magdef=0)																									
SOP	0.28	108.0	Pg	22:57:18.052	-0.2					T__		35957.3		_c_	ML	3.6	6482703	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	108.0	Lg	22:57:21.740	-0.6					T__				---		6482704	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.6 magdef=1)																									
(Station ML: 3.6 magdef=0)																									
A013A	0.59	300.1	Pg	22:57:23.752	-0.0					T__		85076.1		---	ML	4.8	6482708	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	300.1	Lg	22:57:31.463	-0.1					T__				---		6482709	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 4.8 magdef=1)																									
(Station ML: 4.8 magdef=0)																									
A005B	0.60	2.4	Pg	22:57:24.348	0.3					T__		188947.2		---	ML	5.1	6482711	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.60	2.4	Lg	22:57:32.804	0.1					T__				---		6482710	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 5.1 magdef=1)																									
(Station ML: 5.1 magdef=0)																									
A260A	0.61	143.0	Pg	22:57:24.125	-0.3					T__		18989.9		_d_	ML	4.1	6482707	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.61	143.0	Lg	22:57:32.794	0.1					T__				---		6482769	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 4.1 magdef=1)																									
(Station ML: 4.1 magdef=1)																									
A002B	0.66	25.5	Pn	22:57:25.950	-0.7					T__		53189.4		---	ML	4.6	6482713	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.6 magdef=1)																									
(Station ML: 4.6 magdef=0)																									
ARSA	0.68	220.3	Pg	22:57:25.056	-0.5					T__		45978.4		---	ML	4.5	6482712	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	220.3	Lg	22:57:33.735	-0.4					T__				---		6482770	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 4.5 magdef=1)																									
(Station ML: 4.5 magdef=0)																									
A008A	0.69	330.2	Pg	22:57:25.242	-0.3					T__		54116.8		---	ML	4.6	6482714	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	330.2	Lg	22:57:34.369	-0.8					T__				---		6482715	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 4.6 magdef=1)																									
(Station ML: 4.6 magdef=0)																									
A018A	0.74	268.4	Pg	22:57:26.211	-0.4					T__		25462.5		---	ML	4.3	6482716	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.3 magdef=1)																									
(Station ML: 4.3 magdef=1)																									
EGYH	0.86	113.7	Pn	22:57:29.414	0.1					T__		19503.9		---	ML	4.3	6482717	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.86	113.7	Lg	22:57:41.236	-0.3					T__				---		6482771	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 4.3 magdef=1)																									
(Station ML: 4.3 magdef=1)																									
A262A	0.94	164.8	Pn	22:57:31.314	0.9					T__		26446.5		---	ML	4.4	6482718	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.4 magdef=1)																									

(Station ML: 4.4 magdef=1																				
MODS	0.96	50.5 Pn	22:57:30.644	-0.2	T__				6482719	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	0.96	50.5 Sn	22:57:44.134	-0.8	T__				6482772	FDSN	SK	--	BUD	iLoc	HHE	???	_			
A006A	0.98	354.2 Pg	22:57:30.383	-0.8	T__	63851.6														
A006A	0.98	354.2 Lg	22:57:43.073	-1.7	T__				6482720	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
									6482773	FDSN	Z3	00	BUD	iLoc	HHE	???	_			
(Reading ML: 4.8 magdef=1																				
(Station ML: 4.8 magdef=0																				
A001A	1.00	16.2 Pn	22:57:31.469	0.0	T__	36971.2		_d_ ML	4.6	6482722	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A001A	1.00	16.2 Sn	22:57:45.475	-0.2	T__				6482721	FDSN	Z3	00	BUD	iLoc	HH3	???	_			
(Reading ML: 4.6 magdef=1																				
(Station ML: 4.6 magdef=0																				
A339A	1.00	86.0 Pg	22:57:31.767	-0.3	T__	11961.7		___ ML	4.1	6482723	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A339A	1.00	86.0 Sn	22:57:45.680	0.1	T__				6482774	FDSN	Z3	00	BUD	iLoc	HHE	???	_			
(Reading ML: 4.1 magdef=1																				
(Station ML: 4.1 magdef=1																				
A261A	1.06	140.5 Pg	22:57:32.586	0.0	T__	19450.5		___ ML	4.4	6482724	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.4 magdef=1																				
(Station ML: 4.4 magdef=1																				
MPLH	1.11	122.3 Pn	22:57:32.810	0.2	T__	7856.7		___ ML	4.0	6482725	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
MPLH	1.11	122.3 Sn	22:57:47.947	0.0	T__				6482775	FDSN	HU	--	BUD	iLoc	HHE	???	_			
(Reading ML: 4.0 magdef=1																				
(Station ML: 4.0 magdef=0																				
A337A	1.19	65.8 Pn	22:57:34.486	0.7	T__	16168.7		___ ML	4.4	6482726	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.4 magdef=1																				
(Station ML: 4.4 magdef=1																				
HU08A	1.24	105.2 Pn	22:57:34.673	0.3	T__	13413.6		___ ML	4.3	6482727	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.3 magdef=1																				
(Station ML: 4.3 magdef=1																				
KRUC	1.30	6.6 Pn	22:57:35.567	-0.0	T__	45036.9		_d_ ML	4.9	6482728	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
KRUC	1.30	6.6 Sn	22:57:53.000	0.1	T__				6482776	FDSN	CZ	--	BUD	iLoc	HHE	???	_			
(Reading ML: 4.9 magdef=1																				
(Station ML: 4.9 magdef=0																				
KOGS	1.32	177.5 Pn	22:57:36.125	0.4	T__	12361.2		___ ML	4.3	6482729	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_		
(Reading ML: 4.3 magdef=1																				
(Station ML: 4.3 magdef=1																				
BEHE	1.36	162.1 Pg	22:57:37.206	-1.0	T__	12847.7		___ ML	4.4	6482730	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
BEHE	1.36	162.1 Lg	22:57:54.888	-1.1	T__				6482777	FDSN	HU	--	BUD	iLoc	HHE	???	_			
(Reading ML: 4.4 magdef=1																				
(Station ML: 4.4 magdef=1																				
A263A	1.37	144.9 Pg	22:57:37.168	-1.2	T__	12372.9		___ ML	4.4	6482731	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.4 magdef=1																				
(Station ML: 4.4 magdef=1																				
TIH	1.46	125.9 Pn	22:57:38.062	0.7	T__	16365.7		___ ML	4.5	6482732	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.5 magdef=1																				
(Station ML: 4.5 magdef=0																				
CSKK	1.47	105.2 Pn	22:57:38.062	0.4	T__	6203.4		___ ML	4.1	6482733	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 4.1 magdef=1																				
(Station ML: 4.1 magdef=1																				
JAVC	1.48	42.1 Pn	22:57:39.292	1.0	T__	10686.7		___ ML	4.4	6482734	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	1.48	42.1 Lg	22:58:01.003	-1.1	T__				6482778	FDSN	CZ	--	BUD	iLoc	HHE	???	_			
(Reading ML: 4.4 magdef=1																				
(Station ML: 4.4 magdef=1																				
A338A	1.49	79.7 Pn	22:57:39.292	1.4	T__	14189.1		___ ML	4.5	6482735	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		

	(Reading ML: 4.5 magdef=1 Station ML: 4.5 magdef=1)												
HU09A	1.50 94.2 Pn	22:57:38.137	0.2	T__	7220.7	_d_ ML	4.2 6482736	FDSN	ZJ	00 BUD	iLoc	HHZ HHZ	_
HU09A	1.50 94.2 Sn	22:57:58.029	0.1	T__		---	6482779	FDSN	ZJ	00 BUD	iLoc	HHE ???	_
	(Reading ML: 4.2 magdef=1 Station ML: 4.2 magdef=1)												
VRAC	1.57 10.2 Pn	22:57:39.180	-0.1	T__	4513.2	_d_ ML	4.0 6482737	FDSN	CZ	-- BUD	iLoc	HHZ HHZ	_
VRAC	1.57 10.2 Sn	22:57:59.686	0.3	T__		---	6482780	FDSN	CZ	-- BUD	iLoc	HHE ???	_
	(Reading ML: 4.0 magdef=1 Station ML: 4.0 magdef=0)												
TREC	1.59 343.7 Pn	22:57:40.447	0.7	T__	23158.1	___ ML	4.7 6482738	FDSN	CZ	-- BUD	iLoc	HHZ HHZ	_
TREC	1.59 343.7 Sn	22:58:01.674	1.9	T__		---	6482781	FDSN	CZ	-- BUD	iLoc	HHE ???	_
	(Reading ML: 4.7 magdef=1 Station ML: 4.7 magdef=0)												
CKRC	1.63 311.0 Pn	22:57:40.931	0.8	T__	27383.2	___ ML	4.8 6482739	FDSN	CZ	-- BUD	iLoc	HHZ HHZ	_
CKRC	1.63 311.0 Sn	22:58:02.391	1.2	T__		---	6482782	FDSN	CZ	-- BUD	iLoc	HHE ???	_
	(Reading ML: 4.8 magdef=1 Station ML: 4.8 magdef=0)												
OBKA	1.68 221.8 Pn	22:57:41.639	0.3	T__	6681.5	_c_ ML	4.3 6482740	FDSN	OE	-- BUD	iLoc	HHZ HHZ	_
	(Reading ML: 4.3 magdef=1 Station ML: 4.3 magdef=1)												
A265A	1.75 139.8 Pn	22:57:41.974	0.8	T__	4396.1	___ ML	4.1 6482741	FDSN	Z3	00 BUD	iLoc	HHZ HHZ	_
	(Reading ML: 4.1 magdef=1 Station ML: 4.1 magdef=1)												
A267A	1.78 116.8 Pn	22:57:42.644	1.0	T__	4559.7	_d_ ML	4.1 6482743	FDSN	Z3	00 BUD	iLoc	HHZ HHZ	_
	(Reading ML: 4.1 magdef=1 Station ML: 4.1 magdef=1)												
A264A	1.78 154.1 Pn	22:57:42.570	0.7	T__	5256.2	___ ML	4.2 6482742	FDSN	Z3	00 BUD	iLoc	HHZ HHZ	_
	(Reading ML: 4.2 magdef=1 Station ML: 4.2 magdef=1)												
PTJ	1.87 184.3 Pn	22:57:43.725	-0.0	T__	6398.6	_c_ ML	4.3 6482744	FDSN	CR	-- BUD	iLoc	BHZ BHZ	_
PTJ	1.87 184.3 Lg	22:58:13.618	1.4	T__		---	6482783	FDSN	CR	-- BUD	iLoc	BHE ???	_
	(Reading ML: 4.3 magdef=1 Station ML: 4.3 magdef=1)												
A266A	1.90 130.2 Pn	22:57:44.283	1.0	T__	5299.2	___ ML	4.3 6482745	FDSN	Z3	00 BUD	iLoc	HHZ HHZ	_
	(Reading ML: 4.3 magdef=1 Station ML: 4.3 magdef=1)												
A271A	1.91 107.8 Pn	22:57:44.619	1.1	T__	3808.7	___ ML	4.1 6482746	FDSN	Z3	00 BUD	iLoc	HHZ HHZ	_
A271A	1.91 107.8 Lg	22:58:15.289	-0.6	T__		---	6482784	FDSN	Z3	00 BUD	iLoc	HHE ???	_
	(Reading ML: 4.1 magdef=1 Station ML: 4.1 magdef=1)												
HU10A	1.92 86.7 Pn	22:57:43.911	0.1	T__	6933.1	___ ML	4.4 6482748	FDSN	ZJ	00 BUD	iLoc	HHZ HHZ	_
	(Reading ML: 4.4 magdef=1 Station ML: 4.4 magdef=1)												
VYHS	1.93 66.9 Pn	22:57:44.060	-0.1	T__	1900.2	___ ML	3.9 6482749	FDSN	SK	-- BUD	iLoc	HHZ HHZ	_
VYHS	1.93 66.9 Lg	22:58:15.445	-1.1	T__		---	6482785	FDSN	SK	-- BUD	iLoc	HHE ???	_
	(Reading ML: 3.9 magdef=1 Station ML: 3.9 magdef=0)												
A331A	1.94 43.9 Pn	22:57:45.513	1.0	T__	3037.4	___ ML	4.1 6482750	FDSN	Z3	00 BUD	iLoc	HHZ HHZ	_
A331A	1.94 43.9 Sn	22:58:11.097	1.8	T__		---	6482786	FDSN	Z3	00 BUD	iLoc	HHN ???	_
	(Reading ML: 4.1 magdef=1 Station ML: 4.1 magdef=0)												
ZAG	1.95 183.7 Pn	22:57:45.289	0.8	T__	24732.1	___ ML	5.0 6482747	FDSN	CR	-- BUD	iLoc	BHZ BHZ	_

(Reading ML: 5.0 magdef=1 (Station ML: 5.0 magdef=0 BUD 1.95 97.4 Pn 22:57:44.358 0.2	T__	2627.0	___ ML	4.0 6482751	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0 CRES 2.00 194.4 Pn 22:57:45.662 0.1	T__	2192.9	___ ML	4.0 6482752	FDSN SL	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 4.0 magdef=1 (Station ML: 4.0 magdef=0 KOVH 2.14 141.1 Pn 22:57:46.928 0.3	T__	1216.7	___ ML	3.8 6482753	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=0 A272A 2.16 117.3 Pn 22:57:47.487 0.6	T__	2519.4	_d_ ML	4.1 6482755	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 A273A 2.17 148.0 Pn 22:57:48.083 1.0	T__	3098.1	___ ML	4.2 6482754	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 MORC 2.21 23.8 Pn 22:57:48.418 0.1	T__	4036.9	_d_ ML	4.3 6482756	FDSN CZ	-- BUD	iLoc	HHZ HHZ	_
MORC 2.21 23.8 Sn 22:58:16.919 1.1	T__		___	6482787	FDSN CZ	-- BUD	iLoc	HHN ???	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 MORH 2.30 131.6 Pn 22:57:49.201 0.5	T__	1002.3	_d_ ML	3.8 6482757	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=0 HU03A 2.32 85.4 Pn 22:57:49.797 0.6	T__	2137.1	_d_ ML	4.1 6482758	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 HU01A 2.38 99.0 Pn 22:57:50.840 0.8	T__	2982.4	___ ML	4.3 6482759	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 HU04A 2.45 111.8 Pn 22:57:51.473 0.6	T__	1879.3	___ ML	4.1 6482760	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 PRU 2.47 334.8 Pn 22:57:52.814 0.9	T__	9543.3	___ ML	4.9 6482761	FDSN CZ	-- BUD	iLoc	HHZ HHZ	_
PRU 2.47 334.8 Sn 22:58:24.733 4.3	T__		___	6482788	FDSN CZ	-- BUD	iLoc	HHN ???	_
(Reading ML: 4.9 magdef=1 (Station ML: 4.9 magdef=0 HU22A 2.49 124.4 Pn 22:57:52.106 0.8	T__	2400.2	___ ML	4.3 6482762	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 PSZ 2.51 85.2 Pn 22:57:52.144 -0.1	T__	1804.3	___ ML	4.2 6482763	FDSN GE	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 HU23A 2.76 91.2 Pn 22:57:55.831 0.5	T__	1549.7	___ ML	4.2 6482764	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
HU23A 2.76 91.2 Sn 22:58:29.825 1.3	T__		___	6482789	FDSN ZJ	00 BUD	iLoc	HHE ???	_
(Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 BSZH 2.82 98.1 Pn 22:57:56.837 0.8	T__	1564.4	___ ML	4.3 6482765	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
BSZH 2.82 98.1 Pg 22:58:06.103 -1.4	T__		___	6482790	FDSN HU	-- BUD	iLoc	HHZ ???	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 HU21A 2.83 119.2 Pn 22:57:57.024 1.0	T__	1034.3	___ ML	4.1 6482766	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.1 magdef=1									

(Station ML: 4.1 magdef=1 HU02A 2.95 81.5 Pn 22:57:57.880 -0.3	T__	558.2	___ ML	3.9 6482767	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0 KECS 2.98 74.5 Pn 22:57:58.923 0.4	T__	1581.7	___ ML	4.4 6482768	FDSN SK	-- BUD	iLoc	EHZ EHZ	_
KECS 2.98 74.5 Pg 22:58:09.596 -0.5	T__		---	6482791	FDSN SK	-- BUD	iLoc	EHZ ???	_
(Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 JOS 3.02 74.4 Pn 22:57:59.115 0.1	T__	818.4	___ ML	4.1 6482792	FDSN ZJ	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 BLY 3.10 166.5 Pn 22:58:00.919 0.6	T__	807.3	___ ML	4.1 6482793	FDSN MN	-- BUD	iLoc	HHZ HHZ	_
BLY 3.10 166.5 Lg 22:58:53.369 5.1	T__		---	6482794	FDSN MN	-- BUD	iLoc	HHN ???	_
(Reading ML: 4.1 magdef=1 (Station ML: 4.1 magdef=1 HU06A 3.18 107.8 Pn 22:58:02.057 1.1	T__	900.8	___ ML	4.2 6482795	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 NIE 3.20 57.4 Pn 22:58:02.525 0.5	T__	432.5	___ ML	3.9 6482796	FDSN PL	-- BUD	iLoc	BHZ BHZ	_
NIE 3.20 57.4 Sn 22:58:41.714 0.2	T__		---	6482797	FDSN PL	-- BUD	iLoc	BHN ???	_
(Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0 HU05A 3.37 91.9 Pn 22:58:03.984 0.4	T__	918.9	___ ML	4.3 6482798	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 OJC 3.42 42.9 Pn 22:58:05.274 -0.2	T__	975.5	___ ML	4.4 6482799	FDSN PL	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 ABAH 3.44 79.3 Pn 22:58:04.705 -0.2	T__	657.1	___ ML	4.2 6482800	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.2 magdef=1 (Station ML: 4.2 magdef=1 HU24A 3.50 102.4 Pn 22:58:06.205 0.8	T__	696.2	___ ML	4.3 6482801	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 FRGS 3.63 134.7 Pn 22:58:07.891 0.6	T__	1013.3	___ ML	4.5 6482802	FDSN SJ	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 4.5 magdef=1 (Station ML: 4.5 magdef=1 HU07A 3.87 84.7 Pn 22:58:11.051 0.2	T__	523.8	___ ML	4.3 6482803	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=1 LTVH 3.90 93.5 Pn 22:58:11.548 0.5	T__	662.7	___ ML	4.4 6482804	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 4.4 magdef=1 (Station ML: 4.4 magdef=1 SIRR 4.05 109.8 Pn 22:58:13.246 0.0	T__	178.8	___ ML	3.9 6482805	FDSN RO	-- BUD	iLoc	HHZ HHZ	_
(Reading ML: 3.9 magdef=1 (Station ML: 3.9 magdef=0 BANR 4.18 123.1 Sn 22:59:04.504 1.5	T__		---	6482806	FDSN RO	-- BUD	iLoc	HHE ???	_
BEO 4.20 133.2 Pn 22:58:15.183 -0.1	T__	3296.7	___ ML	5.2 6482807	FDSN SJ	-- BUD	iLoc	BHZ BHZ	_
(Reading ML: 5.2 magdef=1 (Station ML: 5.2 magdef=0 KOLS 4.23 71.8 Pn 22:58:15.779 -0.6	T__		---	6482808	FDSN SK	-- BUD	iLoc	HHZ ???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/19	22:58:55.43	1.06	0.44	47.7564	16.1796	5.5	4.4	68	14.2	10.3	14	9	95	0.10	0.96	ke	BUD	17000926	BUD			175

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.1	6 BUD	17000926

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.10	125.7	Pg	22:58:58.663	-0.2					T__		1109.0		_d	ML	1.6	6482983	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	125.7	Lg	22:59:00.637	-0.7					T__				---		6482984	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=0)																					
A004A	0.25	35.2	Pg	22:59:01.531	0.5					T__		8664.0		---	ML	2.9	6482985	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.9 magdef=1)																					
				(Station ML: 2.9 magdef=0)																					
SOP	0.27	105.8	Pg	22:59:01.605	0.2					T__		1039.0		---	ML	2.1	6482988	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	105.8	Lg	22:59:05.703	0.2					T__				---		6482987	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
CONA	0.27	308.9	Lg	22:59:06.411	0.5					T__				---		6482986	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A013A	0.60	300.9	Pg	22:59:07.528	0.2					T__		1248.2		---	ML	2.9	6482989	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.60	300.9	Lg	22:59:15.016	-0.3					T__				---		6482990	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.9 magdef=1)																					
				(Station ML: 2.9 magdef=1)																					
A005B	0.62	1.6	Lg	22:59:16.283	-0.1					T__				---		6482991	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.67	221.6	Pg	22:59:08.758	0.1					T__		769.7		---	ML	2.8	6482993	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.67	221.6	Lg	22:59:17.437	0.1					T__				---		6482992	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.8 magdef=1)																					
				(Station ML: 2.8 magdef=1)																					
A008A	0.71	330.2	Pg	22:59:08.646	-0.5					T__		762.7		---	ML	2.8	6482994	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.71	330.2	Lg	22:59:18.257	-0.6					T__				---		6482995	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 2.8 magdef=1)																					
				(Station ML: 2.8 magdef=1)																					
MODS	0.96	49.6	Pn	22:59:13.861	-0.0					T__				---		6482996	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/19	23:00:48.10	0.80	0.65	47.7646	16.1566	4.1	2.7	45	9.0f		28	15	80	0.11	1.31	ke	BUD	17000928	BUD			136

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.2	14 BUD	17000928

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	124.5	Pg	23:00:51.029	-0.1					T__		551.6		_d	ML	1.4	6483085	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	124.5	Lg	23:00:52.631	-0.7					T__				---		6483086	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
A004A	0.26	39.1	Pg	23:00:54.121	0.7					T__		1288.8		---	ML	2.1	6483088	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.26	39.1	Lg	23:00:58.480	1.2					T__				---		6483087	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
CONA	0.26	309.6	Pg	23:00:53.749	0.1					T__		345.3		---	ML	1.6	6483089	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	309.6	Lg	23:00:57.213	-0.3					T__				---		6483090	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					

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(Station ML: 1.6 magdef=1
SOP 0.28 106.6 Pg 23:00:53.935 -0.1 T__ 240.2 --- ML 1.5 6483092 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 106.6 Lg 23:00:57.995 -0.2 T__ --- 6483091 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
A013A 0.59 300.9 Pg 23:00:59.709 0.2 T__ 454.3 --- ML 2.5 6483096 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 300.9 Lg 23:01:07.830 0.6 T__ --- 6483095 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A260A 0.61 142.1 Pg 23:01:00.156 -0.2 T__ 715.8 --- ML 2.7 6483093 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.61 142.1 Lg 23:01:08.761 0.2 T__ --- 6483094 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A005B 0.61 3.1 Pg 23:01:00.305 0.3 T__ 469.7 --- ML 2.5 6483097 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.61 3.1 Lg 23:01:08.761 0.1 T__ --- 6483098 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ARSA 0.67 220.1 Pg 23:01:00.975 -0.2 T__ 264.7 --- ML 2.3 6483100 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.67 220.1 Lg 23:01:09.953 0.3 T__ --- 6483099 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A008A 0.69 330.9 Pg 23:01:01.274 -0.2 T__ 488.7 --- ML 2.6 6483101 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 330.9 Lg 23:01:10.549 -0.4 T__ --- 6483102 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A262A 0.94 164.2 Pg 23:01:07.085 0.6 T__ 965.9 --- ML 3.0 6483103 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
MODS 0.97 50.6 Pn 23:01:06.749 -0.5 T__ --- 6483104 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.97 50.6 Sn 23:01:20.346 -1.3 T__ --- 6483105 FDSN SK -- BUD iLoc HHE ??? _
A006A 0.98 354.7 Pg 23:01:06.526 -0.6 T__ 339.1 --- ML 2.6 6483107 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.98 354.7 Lg 23:01:19.639 -1.7 T__ --- 6483106 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A001A 1.01 16.6 Pn 23:01:07.718 -0.1 T__ 442.9 --- ML 2.7 6483108 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.01 16.6 Sn 23:01:21.501 -0.8 T__ --- 6483109 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A261A 1.06 140.0 Pn 23:01:08.873 0.7 T__ 532.6 --- ML 2.8 6483110 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
KRUC 1.31 6.9 Pn 23:01:11.895 -0.1 T__ 142.4 --- ML 2.4 6483111 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.31 6.9 Sn 23:01:29.068 -0.4 T__ --- 6483112 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:05:35.92 0.75 0.95 47.7834 16.1691 3.8 2.8 55 12.7 0.6 44 24 77 0.12 1.88 ke BUD 17000930 BUD 83

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Magnitude Err Nsta Author OrigID
ML 2.2 0.2 23 BUD 17000930

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	134.3	Pg	23:05:38.942	-0.5					T__		1032.2		_d_	ML	1.6	6483255	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	134.3	Lg	23:05:40.860	-1.1					T__				---		6483256	FDSN	OE	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 1.6 magdef=1																							
		(Station ML: 1.6 magdef=0																							
A004A	0.24	40.4	Pg	23:05:41.829	0.7					T__		1798.4		---	ML	2.2	6483259	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.24	40.4	Lg	23:05:46.988	2.2					T__				---		6483260	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
		(Reading ML: 2.2 magdef=1																							
		(Station ML: 2.2 magdef=1																							
CONA	0.25	305.1	Pg	23:05:41.438	-0.2					T__		421.1		---	ML	1.6	6483258	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	305.1	Lg	23:05:45.349	-0.2					T__				---		6483257	FDSN	OE	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 1.6 magdef=1																							
		(Station ML: 1.6 magdef=0																							
SOP	0.28	110.7	Pg	23:05:41.848	-0.2					T__		295.0		---	ML	1.6	6483262	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	110.7	Lg	23:05:45.852	-0.4					T__				---		6483261	FDSN	HU	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 1.6 magdef=1																							
		(Station ML: 1.6 magdef=0																							
A013A	0.58	298.9	Pg	23:05:47.454	0.0					T__		549.0		---	ML	2.6	6483263	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.58	298.9	Lg	23:05:55.165	-0.0					T__				---		6483264	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
		(Reading ML: 2.6 magdef=1																							
		(Station ML: 2.6 magdef=1																							
A005B	0.59	2.4	Pg	23:05:48.274	0.7					T__		666.1		---	ML	2.7	6483268	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.59	2.4	Lg	23:05:56.469	0.4					T__				---		6483267	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
		(Reading ML: 2.7 magdef=1																							
		(Station ML: 2.7 magdef=0																							
A260A	0.62	143.8	Pg	23:05:48.087	-0.2					T__		272.4		_d_	ML	2.3	6483265	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.62	143.8	Lg	23:05:56.823	0.1					T__				---		6483266	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
		(Reading ML: 2.3 magdef=1																							
		(Station ML: 2.3 magdef=1																							
A008A	0.68	329.6	Pg	23:05:49.056	-0.1					T__		834.4		_d_	ML	2.8	6483272	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	329.6	Lg	23:05:58.108	-0.4					T__				---		6483271	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
		(Reading ML: 2.8 magdef=1																							
		(Station ML: 2.8 magdef=0																							
ARSA	0.69	219.6	Pg	23:05:48.572	-0.9					T__		539.1		---	ML	2.6	6483269	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	219.6	Lg	23:05:56.841	-1.4					T__				---		6483270	FDSN	OE	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 2.6 magdef=1																							
		(Station ML: 2.6 magdef=1																							
EGYH	0.87	114.5	Pg	23:05:53.489	0.4					T__		132.3		---	ML	2.1	6483273	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.87	114.5	Lg	23:06:04.627	-0.8					T__				---		6483274	FDSN	HU	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 2.1 magdef=1																							
		(Station ML: 2.1 magdef=1																							
MODS	0.95	51.1	Pg	23:05:53.973	-0.9					T__				---		6483277	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.95	51.1	Lg	23:06:07.682	-0.8					T__				---		6483278	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A262A	0.95	165.0	Pg	23:05:54.457	0.3					T__		232.4		---	ML	2.4	6483276	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.95	165.0	Lg	23:06:08.166	1.5					T__				---		6483275	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
		(Reading ML: 2.4 magdef=1																							
		(Station ML: 2.4 magdef=1																							
A006A	0.96	354.1	Pg	23:05:53.936	-0.7					T__		392.7		---	ML	2.6	6483280	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.96	354.1	Lg	23:06:06.676	-1.4					T__				---		6483279	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
		(Reading ML: 2.6 magdef=1																							
		(Station ML: 2.6 magdef=0																							
A001A	0.99	16.4	Pg	23:05:55.277	0.1					T__		141.1		---	ML	2.2	6483281	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.99	16.4	Lg	23:06:08.948	-0.2					T__				---		6483282	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A261A 1.07 141.0 Pn 23:05:56.581 0.9 T__ 88.6 ___ ML 2.0 6483283 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A337A 1.18 66.4 Pn 23:05:58.369 1.0 T__ 166.2 ___ ML 2.4 6483284 FDSN Z3 00 BUD iLoc HHZ HHZ _
A337A 1.18 66.4 Sn 23:06:14.722 1.0 T__ ___ 6483285 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KRUC 1.29 6.6 Pn 23:05:59.300 0.2 T__ 159.2 ___ ML 2.4 6483287 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.29 6.6 Sn 23:06:16.957 0.8 T__ ___ 6483288 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
KOGS 1.34 177.6 Pn 23:05:59.933 0.3 T__ 69.2 ___ ML 2.1 6483286 FDSN SL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BEHE 1.38 162.3 Pn 23:06:01.163 1.1 T__ 94.8 ___ ML 2.2 6483289 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
VRAC 1.55 10.3 Pn 23:06:03.137 0.4 T__ 22.0 ___ ML 1.7 6483290 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.55 10.3 Sn 23:06:23.700 1.0 T__ ___ 6483291 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
TREC 1.58 343.6 Pn 23:06:04.552 1.4 T__ 205.9 ___ ML 2.7 6483293 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.58 343.6 Sn 23:06:25.190 2.1 T__ ___ 6483292 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
CKRC 1.62 310.6 Pn 23:06:04.776 1.1 T__ 140.0 ___ ML 2.5 6483294 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.62 310.6 Sn 23:06:25.637 1.0 T__ ___ 6483295 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
OBKA 1.69 221.5 Pg 23:06:07.011 0.2 T__ 52.6 ___ ML 2.2 6483296 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.69 221.5 Sn 23:06:28.319 1.8 T__ ___ 6483297 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PTJ 1.88 184.3 Pg 23:06:11.481 0.7 T__ 42.3 ___ ML 2.2 6483298 FDSN CR -- BUD iLoc BHZ BHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:08:06.80 1.39 0.18 47.7584 16.1535 7.1 4.0 27 9.8 13.0 8 4 154 0.11 0.66 ke BUD 17000932 BUD 244

```

```

Magnitude Err Nsta Author OrigID
ML 0.6 0.2 4 BUD 17000932

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 121.3 Pg 23:08:09.998 0.1 T__ 60.4 ___ ML 0.4 6483363 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 121.3 Lg 23:08:11.935 -0.2 T__ ___ 6483364 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
CONA 0.26 311.0 Pg 23:08:12.438 -0.0 T__ 34.1 ___ ML 0.6 6483366 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 311.0 Lg 23:08:16.368 0.0 T__ ___ 6483365 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
SOP 0.28 105.2 Pg 23:08:12.885 0.1 T__ 38.6 ___ ML 0.7 6483367 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 105.2 Lg 23:08:16.815 -0.1 T__ ___ 6483368 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
ARSA 0.66 220.3 Pg 23:08:19.609 -0.2 T__ 33.3 ___ ML 1.4 6483370 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 220.3 Lg 23:08:28.400 0.2 T__ ___ 6483369 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/19	23:10:40.88	0.90	0.60	47.7586	16.1635	3.8	3.1	46	13.5	7.0	23	13	80	0.11	1.01	ke	BUD	17000934	BUD			136

```

Magnitude Err Nsta Author OrigID
ML 2.3 0.4 11 BUD 17000934

```

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
RONA	0.11	123.3	Pg	23:10:44.049	-0.3					T__		141.9		_d_	ML	0.8 6483419	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.11	123.3	Lg	23:10:45.986	-0.8					T__				---		6483420	FDSN	OE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																										
A004A	0.26	37.4	Pg	23:10:47.308	0.8					T__		302.1		---	ML	1.5 6483424	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A004A	0.26	37.4	Lg	23:10:52.263	1.7					T__				---		6483423	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
CONA	0.26	310.0	Pg	23:10:46.787	-0.1					T__		48.7		---	ML	0.7 6483421	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	0.26	310.0	Lg	23:10:50.400	-0.5					T__				---		6483422	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0																										
SOP	0.28	105.6	Pg	23:10:47.048	0.1					T__		41.6		---	ML	0.7 6483425	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
SOP	0.28	105.6	Lg	23:10:50.903	-0.3					T__				---		6483426	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0																										
A013A	0.59	301.2	Pg	23:10:52.877	0.3					T__		937.4		---	ML	2.8 6483428	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A013A	0.59	301.2	Lg	23:11:00.775	0.3					T__				---		6483427	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0																										
A260A	0.60	142.1	Pg	23:10:53.008	0.0					T__		288.0		---	ML	2.3 6483429	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																										
A005B	0.61	2.6	Pg	23:10:53.120	0.1					T__		554.1		---	ML	2.6 6483430	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A005B	0.61	2.6	Lg	23:11:01.948	0.2					T__				---		6483431	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																										
ARSA	0.67	220.7	Pg	23:10:54.014	0.1					T__		561.0		---	ML	2.6 6483433	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
ARSA	0.67	220.7	Lg	23:11:02.917	0.3					T__				---		6483432	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1																										
A008A	0.70	330.9	Pg	23:10:54.461	0.0					T__		697.8		---	ML	2.7 6483434	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A008A	0.70	330.9	Lg	23:11:03.513	-0.6					T__				---		6483435	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
(Reading ML: 2.7 magdef=1																										

```

(Station ML: 2.7 magdef=0
A262A 0.93 164.4 Lg 23:11:11.187 0.1 T__ --- 6483436 FDSN Z3 00 BUD iLoc HHE ??? _
MODS 0.97 50.1 Pg 23:11:00.235 0.0 T__ --- 6483438 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.97 50.1 Lg 23:11:13.645 -0.8 T__ --- 6483437 FDSN SK -- BUD iLoc HHE ??? _
A006A 0.99 354.5 Pg 23:10:59.527 -0.5 T__ 319.7 --- ML 2.6 6483439 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A001A 1.01 16.2 Pg 23:11:00.644 -0.0 T__ 181.3 --- ML 2.3 6483440 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.01 16.2 Lg 23:11:14.651 -0.6 T__ --- 6483441 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:11:23.23 1.16 0.43 47.7799 16.1768 5.5 4.0 12 16.0 9.1 10 5 105 0.11 0.95 ke BUD 17000936 BUD 190

```

```

Magnitude Err Nsta Author OrigID
ML 2.2 0.2 13 BUD 17000936

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.11 134.8 Pg 23:11:27.073 -0.0 T__ 2977.5 --- ML 2.1 6483550 FDSN OE -- BUD iLoc HHZ HH _
RONA 0.11 134.8 Lg 23:11:29.062 -0.8 T__ --- 6483551 FDSN OE -- BUD iLoc HHN ??? _
RONA 0.11 134.8 00:00:00.000 --- 1709.5 --- 0.0 6483550 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CONA 0.26 305.1 Pg 23:11:29.457 0.2 T__ 345.1 --- ML 1.6 6483552 FDSN OE -- BUD iLoc HHZ HH _
CONA 0.26 305.1 Lg 23:11:33.589 0.2 T__ --- 6483553 FDSN OE -- BUD iLoc HHE ??? _
CONA 0.26 305.1 00:00:00.000 --- 538.0 --- 0.0 6483552 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
SOP 0.28 110.4 Pg 23:11:30.018 0.6 T__ 361.4 --- ML 1.6 6483548 FDSN HU -- BUD iLoc HHZ HH _
SOP 0.28 110.4 Lg 23:11:33.767 0.0 T__ --- 6483549 FDSN HU -- BUD iLoc HHE ??? _
SOP 0.28 110.4 00:00:00.000 --- 374.9 --- 0.0 6483548 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ARSA 0.69 220.2 Pg 23:11:36.734 0.0 T__ 137.9 --- ML 2.0 6483556 FDSN OE -- BUD iLoc HHZ HH _
ARSA 0.69 220.2 Lg 23:11:45.456 -0.2 T__ --- 6483557 FDSN OE -- BUD iLoc HHE ??? _
ARSA 0.69 220.2 00:00:00.000 --- 560.4 --- 0.0 6483556 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
EGYH 0.86 114.5 Pg 23:11:57.170 16.9 --- 195.1 --- ML 2.3 6483540 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MODS 0.95 50.8 Pg 23:11:42.107 -0.1 T__ 134996.1 _d ML 5.2 6483554 FDSN SK -- BUD iLoc HHZ HH _
MODS 0.95 50.8 Lg 23:11:55.878 -0.3 T__ --- 6483555 FDSN SK -- BUD iLoc HHE ??? _
MODS 0.95 50.8 00:00:00.000 --- 148117.5 --- 0.0 6483554 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 5.2 magdef=1
(Station ML: 5.2 magdef=0
MPLH 1.11 122.9 Pg 23:12:06.570 21.8 --- 117.0 --- ML 2.2 6483542 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
KRUC 1.29 6.4 Pg 23:12:04.668 16.8 --- 237.7 --- ML 2.6 6483541 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1

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```

(Station ML: 2.6 magdef=1
TIH 1.46 126.4 Pg 23:12:14.680 23.5 --- 124.3 --- ML 2.4 6483546 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
CSKK 1.47 105.7 Pg 23:12:13.400 21.8 --- 60.9 --- ML 2.1 6483544 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
VRAC 1.55 10.1 Pg 23:12:11.428 18.9 --- 41.4 --- ML 2.0 6483543 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TREC 1.58 343.4 Pg 23:12:13.678 20.5 --- 205.0 --- ML 2.7 6483545 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
CKRC 1.62 310.5 Pg 23:12:15.360 21.9 --- 187.8 --- ML 2.7 6483547 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:13:10.42 2.00 0.37 47.7761 16.2211 11.9 5.2 73 16.2 13.1 9 5 178 0.09 0.71 ke BUD 17000938 BUD 254

```

```

Magnitude Err Nsta Author OrigID
ML 0.9 0.7 4 BUD 17000938

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.09 146.4 Pg 23:13:14.296 0.2 T__ 37.5 --- ML 0.1 6483599 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.09 146.4 Lg 23:13:16.121 -0.5 T__ --- 6483600 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=1
CONA 0.29 302.3 Pg 23:13:16.866 -0.1 T__ 22.3 --- ML 0.4 6483602 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 302.3 Lg 23:13:21.783 0.4 T__ --- 6483601 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
A013A 0.62 298.0 Lg 23:13:30.724 -0.1 T__ --- 6483603 FDSN Z3 00 BUD iLoc HHE ??? _
A008A 0.71 327.5 Pg 23:13:24.317 0.2 T__ 32.9 --- ML 1.4 6483606 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.71 327.5 Lg 23:13:33.443 -0.4 T__ --- 6483607 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ARSA 0.71 222.2 Pg 23:13:24.205 -0.0 T__ 31.1 --- ML 1.4 6483605 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.71 222.2 Lg 23:13:33.369 -0.0 T__ --- 6483604 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/19 23:18:38.28 0.96 0.77 47.7529 16.1568 5.0 4.2 89 14.2 9.0 16 9 110 0.11 0.99 ke BUD 17000940 BUD 212

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 6 BUD 17000940

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 119.4 Pg 23:18:41.700 -0.2 T__ 229.2 --- ML 1.0 6483644 FDSN OE -- BUD iLoc HHZ HHZ _

```

RONA	0.11	119.4	Lg	23:18:43.432	-1.0	T__									6483645	FDSN	OE	--	BUD	iLoc	HHN	???	_							
(Reading ML: 1.0 magdef=1)																														
(Station ML: 1.0 magdef=1)																														
A004A	0.27	37.5	Pg	23:18:44.475	0.3	T__	319.5								ML	1.5	6483647	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_					
A004A	0.27	37.5	Lg	23:18:49.802	1.6	T__											6483646	FDSN	Z3	00	BUD	iLoc	HHN	???	_					
(Reading ML: 1.5 magdef=1)																														
(Station ML: 1.5 magdef=1)																														
SOP	0.28	104.2	Pg	23:18:44.531	0.1	T__	60.5										ML	0.9	6483648	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
SOP	0.28	104.2	Lg	23:18:48.349	-0.4	T__													6483649	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 0.9 magdef=1)																														
(Station ML: 0.9 magdef=0)																														
A005B	0.62	3.0	Lg	23:18:58.836	-0.6	T__													6483650	FDSN	Z3	00	BUD	iLoc	HHE	???	_			
ARSA	0.66	220.8	Pg	23:18:51.274	0.0	T__	51.7												ML	1.6	6483652	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.66	220.8	Lg	23:19:00.661	0.9	T__														6483651	FDSN	OE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1)																														
(Station ML: 1.6 magdef=1)																														
A008A	0.70	331.4	Pg	23:18:51.721	-0.2	T__	64.1												ML	1.7	6483653	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A008A	0.70	331.4	Lg	23:19:00.773	-0.8	T__															6483654	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.7 magdef=1)																														
(Station ML: 1.7 magdef=1)																														
EGYH	0.86	112.5	Lg	23:19:08.111	0.5	T__														6483655	FDSN	HU	--	BUD	iLoc	HHE	???	_		
MODS	0.98	50.0	Pg	23:18:57.606	-0.2	T__															6483657	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.98	50.0	Sn	23:19:10.421	-0.6	T__															6483656	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A006A	0.99	354.8	Pn	23:18:56.675	-0.5	T__	44.6													ML	1.7	6483658	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.99	354.8	Sn	23:19:10.160	-0.9	T__															6483659	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																														
(Station ML: 1.7 magdef=0)																														

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/19	23:21:36.61	1.26	0.64	47.7522	16.1433	4.6	3.7	37	8.5	15.9	15	8	103	0.12	0.70	ke	BUD	17000942	BUD			185

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	7 BUD	17000942

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
RONA	0.12	116.9	Pg	23:21:39.551	-0.1					T__		398.1			ML	1.2	6483700	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.12	116.9	Lg	23:21:41.451	-0.4					T__						6483701	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
CONA	0.26	313.0	Pg	23:21:42.103	-0.1					T__	84.4				ML	0.9	6483702	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.26	313.0	Lg	23:21:46.182	0.2					T__							6483714	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																										
(Station ML: 0.9 magdef=0)																										
A004A	0.27	38.9	Lg	23:21:47.839	1.7					T__						6483703	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
SOP	0.29	103.7	Pg	23:21:42.550	-0.1					T__	93.4					ML	1.1	6483705	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.29	103.7	Lg	23:21:46.498	-0.3					T__							6483704	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
A013A	0.59	302.4	Pg	23:21:47.970	-0.1					T__	147.0					ML	2.0	6483706	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	302.4	Lg	23:21:55.904	0.2					T__								6483707	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										

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A005B 0.62 3.8 Pg      23:21:48.789  0.0      T__      210.5      ___ ML      2.2 6483708  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A005B 0.62 3.8 Lg      23:21:57.115 -0.5      T__      ___          ___      6483709  FDSN Z3      00 BUD  iLoc  HHN ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ARSA 0.65 220.2 Pg      23:21:49.478  0.1      T__      71.1       ___ ML      1.7 6483711  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
ARSA 0.65 220.2 Lg      23:21:58.195  0.5      T__      ___          ___      6483710  FDSN OE      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A008A 0.70 332.1 Pg      23:21:49.702 -0.4      T__      123.9      ___ ML      2.0 6483712  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A008A 0.70 332.1 Lg      23:21:58.810 -0.9      T__      ___          ___      6483713  FDSN Z3      00 BUD  iLoc  HH3 ???  _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/04/19 23:26:25.58  1.12  0.71 47.7518  16.1358  4.3  3.0  40  8.1  15.3  17  10  82  0.12  0.93  ke BUD  17000944  BUD  139

```

```

Magnitude Err Nsta Author  OrigID
ML 1.4 0.3 7 BUD 17000944

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
RONA 0.12 115.6 Pg      23:26:28.448 -0.2      T__      ___          ___      ___      83.7  ___  _d_ ML  0.6 6483759  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
RONA 0.12 115.6 Lg      23:26:30.460 -0.4      T__      ___          ___      ___      ___      6483760  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
CONA 0.26 313.8 Pg      23:26:30.981 -0.1      T__      44.9       ___ ML      0.7 6483762  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
CONA 0.26 313.8 Lg      23:26:35.079  0.3      T__      ___          ___      ___      ___      6483761  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A004A 0.27 39.7 Pg      23:26:31.708  0.4      T__      279.4      ___ ML      1.5 6483763  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A004A 0.27 39.7 Lg      23:26:36.774  1.5      T__      ___          ___      ___      ___      6483764  FDSN Z3      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
SOP 0.29 103.3 Pg      23:26:31.410 -0.3      T__      50.2       ___ ML      0.8 6483766  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
SOP 0.29 103.3 Lg      23:26:35.396 -0.5      T__      ___          ___      ___      ___      6483765  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A013A 0.58 302.7 Pg      23:26:36.755 -0.2      T__      61.6       ___ ML      1.6 6483767  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A013A 0.58 302.7 Lg      23:26:44.764  0.2      T__      ___          ___      ___      ___      6483768  FDSN Z3      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A005B 0.62 4.3 Lg      23:26:45.938 -0.6      T__      33.7       ___ ML      1.4 6483771  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
ARSA 0.65 219.9 Pg      23:26:38.189 -0.1      T__      ___          ___      ___      ___      6483770  FDSN OE      -- BUD  iLoc  HHE ???  _
ARSA 0.65 219.9 Lg      23:26:47.167  0.6      T__      ___          ___      ___      ___      ___      6483770  FDSN OE      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A008A 0.70 332.5 Pg      23:26:38.543 -0.5      T__      83.2       ___ ML      1.8 6483772  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A008A 0.70 332.5 Lg      23:26:47.558 -1.0      T__      ___          ___      ___      ___      6483773  FDSN Z3      00 BUD  iLoc  HH3 ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
EGYH 0.88 112.0 Lg      23:26:55.381 -0.1      T__      ___          ___      ___      ___      6483774  FDSN HU      -- BUD  iLoc  HHE ???  _
A262A 0.93 163.1 Lg      23:26:56.983  1.1      T__      ___          ___      ___      ___      6483775  FDSN Z3      00 BUD  iLoc  HHN ???  _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/19	23:33:38.68	0.87	0.46	47.7572	16.1622	6.3	3.4	33	12.7	0.6	15	8	98	0.11	1.31	ke	BUD	17000946	BUD			178

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.6	6 BUD	17000946

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	122.4	Pg	23:33:41.936	-0.1				T__			48.7		_d	ML	0.3	6483817	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	122.4	Lg	23:33:43.892	-0.5				T__							6483818	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1 Station ML: 0.3 magdef=0)																									
CONA	0.27	310.3	Pg	23:33:44.618	0.0				T__			33.3		___	ML	0.6	6483820	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	310.3	Lg	23:33:48.381	-0.3				T__					___		6483819	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																									
SOP	0.28	105.3	Pg	23:33:44.879	0.1				T__			33.5		_c	ML	0.6	6483821	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	105.3	Lg	23:33:49.014	0.1				T__					___		6483822	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																									
A013A	0.59	301.4	Lg	23:33:58.737	0.5				T__					___		6483823	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.67	220.8	Pg	23:33:51.584	-0.2				T__			27.0		___	ML	1.3	6483825	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.67	220.8	Lg	23:34:00.413	0.1				T__					___		6483824	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
A008A	0.70	331.0	Pg	23:33:52.255	-0.0				T__			34.1		___	ML	1.4	6483826	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.70	331.0	Lg	23:34:01.456	-0.5				T__					___		6483827	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
MODS	0.97	50.1	Pn	23:33:58.513	1.1				T__					___		6483829	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.97	50.1	Lg	23:34:11.588	-0.3				T__					___		6483828	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KRUC	1.31	6.7	Pn	23:34:02.611	0.4				T__			26.1		___	ML	1.6	6483831	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.31	6.7	Sn	23:34:19.523	-0.0				T__					___		6483830	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/19	23:43:37.70	0.88	0.86	47.7717	16.1580	3.9	2.9	37	13.9	7.2	26	14	80	0.12	1.00	ke	BUD	17000948	BUD			135

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	13 BUD	17000948

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	127.6	Pg	23:43:41.110	-0.2				T__			1812.7		___	ML	1.9	6483889	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	127.6	Lg	23:43:43.028	-0.9				T__					___		6483890	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
A004A	0.25	40.0	Pg	23:43:43.997	0.7				T__			822.5		___	ML	1.9	6483893	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.25	40.0	Lg	23:43:49.342	2.2				T__					___		6483894	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									

CONA	0.25	308.2	Pg	23:43:43.233	-0.3	T__	242.2	___	ML	1.4	6483892	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	308.2	Lg	23:43:47.368	-0.1	T__		---			6483891	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
SOP	0.28	108.0	Pg	23:43:43.885	-0.1	T__	388.6	___	ML	1.7	6483896	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	108.0	Lg	23:43:48.001	-0.3	T__		---			6483895	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
A013A	0.58	300.3	Pg	23:43:49.454	0.3	T__	485.5	___	ML	2.5	6483897	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.58	300.3	Lg	23:43:57.463	0.5	T__		---			6483898	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=0)																			
A005B	0.60	3.0	Pg	23:43:50.143	0.6	T__	399.5	___	ML	2.4	6483900	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.60	3.0	Lg	23:43:58.320	0.1	T__		---			6483901	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
A260A	0.61	142.6	Pg	23:43:50.124	0.1	T__	145.3	___	ML	2.0	6483899	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
ARSA	0.68	219.8	Pg	23:43:50.963	0.0	T__	220.7	___	ML	2.2	6483903	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	219.8	Lg	23:43:59.344	-0.3	T__		---			6483902	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A008A	0.69	330.6	Pg	23:43:51.168	0.2	T__	316.7	___	ML	2.4	6483904	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	330.6	Lg	23:44:00.164	-0.3	T__		---			6483905	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
EGYH	0.87	113.6	Pg	23:43:55.396	0.5	T__	150.9	___	ML	2.2	6483906	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.87	113.6	Lg	23:44:07.279	0.0	T__		---			6483907	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A262A	0.94	164.4	Pn	23:43:57.444	1.7	T__	92.7	___	ML	2.0	6483908	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MODS	0.96	50.8	Pg	23:43:56.327	-0.6	T__		---			6483909	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.96	50.8	Lg	23:44:09.775	-1.3	T__		---			6483910	FDSN	SK	--	BUD	iLoc	HHN	???	_
A006A	0.97	354.6	Pg	23:43:56.178	-0.4	T__	146.5	___	ML	2.2	6483912	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.97	354.6	Lg	23:44:08.843	-1.7	T__		---			6483911	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A001A	1.00	16.6	Pg	23:43:57.407	0.1	T__	82.9	___	ML	2.0	6483913	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	1.00	16.6	Lg	23:44:10.930	-0.8	T__		---			6483914	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/19	23:56:24.30	0.89	0.32	47.7592	16.1736	4.9	3.4	38	12.7	0.5	15	8	95	0.10	0.96	ke	BUD	17000950	BUD			175

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.6	6 BUD	17000950

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

RONA	0.10	125.6	Pg	23:56:27.668	0.1	T__	66.6	___	ML	0.4	6483968	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	125.6	Lg	23:56:29.550	-0.4	T__		---			6483969	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.4 magdef=1)																			
(Station ML: 0.4 magdef=0)																			
CONA	0.27	309.0	Pg	23:56:30.239	-0.1	T__	35.2	___	ML	0.6	6483971	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	309.0	Lg	23:56:34.616	0.2	T__		---			6483970	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																			
(Station ML: 0.6 magdef=1)																			
SOP	0.27	106.1	Pg	23:56:30.500	0.3	T__	47.6	___	ML	0.7	6483972	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	106.1	Lg	23:56:34.076	-0.3	T__		---			6483973	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
A013A	0.60	300.8	Lg	23:56:44.194	0.2	T__		---			6483980	FDSN	Z3	00	BUD	iLoc	HHE	???	_
A005B	0.61	2.0	Pg	23:56:36.930	0.5	T__	64.4	___	ML	1.6	6483981	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.61	2.0	Lg	23:56:45.237	0.0	T__		---			6483982	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
ARSA	0.67	221.1	Pg	23:56:37.577	0.1	T__	35.0	___	ML	1.4	6483975	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.67	221.1	Lg	23:56:46.220	0.1	T__		---			6483974	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
A008A	0.70	330.4	Pg	23:56:37.801	-0.1	T__	51.6	___	ML	1.6	6483976	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.70	330.4	Lg	23:56:46.965	-0.6	T__		---			6483977	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
MODS	0.96	49.9	Pg	23:56:43.463	-0.1	T__		---			6483979	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.96	49.9	Lg	23:56:57.209	-0.0	T__		---			6483978	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	00:18:17.42	0.91	0.53	47.7683	16.1641	6.3	3.3	38	9.0f		9	6	104	0.11	0.69	ke	BUD	17000952	BUD			180

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.3	3 BUD	17000952

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	127.5	Pg	00:18:20.259	-0.2					T__		36.4		___	ML	0.2	6486897	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	127.5	Lg	00:18:22.307	-0.3					T__				---		6486898	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									
CONA	0.26	308.3	Pg	00:18:22.978	-0.0					T__		33.5		___	ML	0.5	6486900	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	308.3	Lg	00:18:26.889	0.0					T__				---		6486899	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
SOP	0.28	107.6	Pg	00:18:23.451	0.1					T__		46.4		___	ML	0.7	6486902	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	107.6	Lg	00:18:27.418	0.0					T__				---		6486903	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
A005B	0.60	2.6	Lg	00:18:38.575	0.7					T__				---		6486904	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
ARSA	0.68	220.2	Lg	00:18:39.730	0.5					T__				---		6486905	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A008A	0.69	330.4	Lg	00:18:39.406	-0.9					T__				---		6486901	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	00:35:02.03	0.89	0.22	47.7702	16.1660	6.3	3.0	32	9.0f		12	6	137	0.11	0.69	ke	BUD	17000954	BUD			171

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.5	6 BUD	17000954

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	128.7	Pg	00:35:05.141	0.1					T__		122.5		___	ML	0.7	6486936	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	128.7	Lg	00:35:07.134	-0.1					T__				---		6486937	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=1)																					
CONA	0.26	307.8	Pg	00:35:07.749	0.1					T__		32.2		___	ML	0.5	6486939	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	307.8	Lg	00:35:11.474	0.0					T__				---		6486938	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.5 magdef=1)																					
				(Station ML: 0.5 magdef=0)																					
SOP	0.28	108.0	Pg	00:35:07.991	0.1					T__		42.0		___	ML	0.7	6486940	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	108.0	Lg	00:35:11.921	-0.0					T__				---		6486941	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=1)																					
A013A	0.59	300.1	Pg	00:35:13.523	-0.0					T__		34.6		___	ML	1.4	6486943	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	300.1	Lg	00:35:21.606	0.4					T__				---		6486942	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
ARSA	0.68	220.2	Pg	00:35:14.975	-0.3					T__		35.3		___	ML	1.4	6486944	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	220.2	Lg	00:35:23.953	0.1					T__				---		6486945	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
A008A	0.69	330.3	Pg	00:35:15.199	-0.1					T__		31.8		___	ML	1.4	6486947	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	330.3	Lg	00:35:24.437	-0.4					T__				---		6486946	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/20	01:06:39.06	0.76	0.94	47.7712	16.1575	3.6	2.7	47	12.2		2.4	43	26	78	0.12	2.00	ke	BUD	17000956	BUD			86

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	21 BUD	17000956

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	127.3	Pg	01:06:42.110	-0.4					T__		671.3		_d	ML	1.5	6487066	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	127.3	Lg	01:06:44.009	-1.0					T__				---		6487067	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=0)																					
A004A	0.25	39.9	Pg	01:06:45.090	0.6					T__		666.5		___	ML	1.8	6487069	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.25	39.9	Lg	01:06:49.858	1.5					T__				---		6487068	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
CONA	0.25	308.4	Pg	01:06:44.717	-0.0					T__		231.0		___	ML	1.4	6487070	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	308.4	Lg	01:06:47.884	-0.8					T__				---		6487071	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
SOP	0.28	107.8	Pg	01:06:45.052	-0.2					T__		274.1		___	ML	1.5	6487073	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

SOP	0.28	107.8	Lg	01:06:48.852	-0.6	T__			6487072	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
A013A	0.58	300.3	Pg	01:06:50.417	-0.1	T__	301.8	---	ML	2.3	6487074	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.58	300.3	Lg	01:06:58.612	0.4	T__		---			6487075	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A005B	0.60	3.0	Pg	01:06:51.385	0.5	T__	764.6	---	ML	2.7	6487079	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.60	3.0	Lg	01:06:59.730	0.2	T__		---			6487078	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
A260A	0.61	142.5	Pg	01:06:51.162	-0.2	T__	176.6	_d	ML	2.1	6487076	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.61	142.5	Lg	01:06:59.730	0.0	T__		---			6487077	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
A002B	0.66	26.2	Pg	01:06:53.136	1.0	T__	275.6	---	ML	2.3	6487082	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
ARSA	0.68	219.8	Pg	01:06:51.832	-0.5	T__	185.2	---	ML	2.1	6487080	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	219.8	Lg	01:07:00.177	-0.8	T__		---			6487081	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
A008A	0.69	330.6	Pg	01:06:52.279	-0.1	T__	368.0	_d	ML	2.4	6487083	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	330.6	Lg	01:07:01.369	-0.5	T__		---			6487084	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
EGYH	0.87	113.6	Pg	01:06:56.451	0.2	T__	90.1	---	ML	1.9	6487086	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.87	113.6	Lg	01:07:08.223	-0.4	T__		---			6487085	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
A262A	0.94	164.4	Pn	01:06:58.165	0.9	T__	98.1	---	ML	2.0	6487087	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.94	164.4	Sn	01:07:10.905	0.5	T__		---			6487088	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MODS	0.96	50.8	Pg	01:06:57.122	-1.2	T__		---			6487089	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.96	50.8	Lg	01:07:11.427	-1.1	T__		---			6487090	FDSN	SK	--	BUD	iLoc	HHN	???	_
A006A	0.97	354.7	Pg	01:06:57.048	-0.9	T__	266.8	---	ML	2.5	6487092	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.97	354.7	Lg	01:07:10.384	-1.1	T__		---			6487091	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=0)																			
A001A	1.00	16.6	Pg	01:06:58.314	-0.3	T__	114.8	---	ML	2.1	6487093	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	1.00	16.6	Lg	01:07:11.501	-1.2	T__		---			6487094	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
A261A	1.06	140.2	Pg	01:07:00.102	0.6	T__	68.8	---	ML	1.9	6487095	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MPLH	1.11	122.2	Pn	01:07:00.698	1.1	T__	38.8	---	ML	1.7	6487096	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
KRUC	1.30	6.9	Pn	01:07:02.337	-0.1	T__	152.8	---	ML	2.4	6487097	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.30	6.9	Sn	01:07:19.473	-0.2	T__		---			6487098	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			

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(Station ML: 2.4 magdef=1
KOGS 1.33 177.2 Lg 01:07:21.336 0.0 T__ --- 6487099 FDSN SL -- BUD iLoc BHN ??? _
BEHE 1.37 161.8 Sn 01:07:21.485 0.6 T__ --- 6487100 FDSN HU -- BUD iLoc HHN ??? _
JAVC 1.49 42.3 Pn 01:07:07.402 2.2 T__ 45.9 --- ML 2.0 6487101 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VRAC 1.57 10.5 Pn 01:07:06.880 0.8 T__ 22.8 --- ML 1.7 6487102 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TREC 1.59 344.0 Pn 01:07:07.476 1.0 T__ 133.0 --- ML 2.5 6487103 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.59 344.0 Sn 01:07:28.486 1.9 T__ --- 6487104 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
CKRC 1.62 311.1 Pn 01:07:08.072 1.2 T__ 77.0 --- ML 2.3 6487106 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.62 311.1 Sn 01:07:29.157 1.3 T__ --- 6487105 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
OBKA 1.67 221.6 Sn 01:07:30.721 1.3 T__ --- 6487107 FDSN OE -- BUD iLoc HHE ??? _
CRES 2.00 194.1 Lg 01:07:45.026 1.8 T__ --- 6487108 FDSN SL -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 01:22:16.72 0.80 0.60 47.7812 16.1695 3.8 2.6 42 7.6 9.3 34 18 79 0.12 1.62 ke BUD 17000958 BUD 121

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 17 BUD 17000958

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 133.6 Pg 01:22:19.620 -0.1 T__ 335.7 _d ML 1.2 6487208 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 133.6 Lg 01:22:21.445 -0.4 T__ --- 6487209 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
A004A 0.24 40.0 Pg 01:22:22.656 1.0 T__ 361.3 --- ML 1.5 6487212 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CONA 0.25 305.5 Pg 01:22:22.246 0.1 T__ 112.6 --- ML 1.1 6487211 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 305.5 Lg 01:22:25.338 -0.5 T__ --- 6487210 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
SOP 0.28 110.3 Pg 01:22:22.562 -0.0 T__ 76.0 --- ML 1.0 6487213 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 110.3 Lg 01:22:26.641 0.0 T__ --- 6487214 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
A013A 0.59 299.1 Pg 01:22:28.132 0.0 T__ 103.2 --- ML 1.8 6487216 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 299.1 Lg 01:22:36.010 0.2 T__ --- 6487215 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A005B 0.59 2.3 Pg 01:22:29.026 0.8 T__ 182.7 --- ML 2.1 6487217 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.59 2.3 Lg 01:22:37.351 0.7 T__ --- 6487218 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A260A 0.62 143.7 Pg 01:22:28.839 -0.3 T__ 116.2 --- ML 1.9 6487220 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.62 143.7 Lg 01:22:37.687 0.3 T__ --- 6487219 FDSN Z3 00 BUD iLoc HHE ??? _

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A008A 0.68 329.6 Pg 01:22:29.864 0.0 T__ 189.6 _d_ ML 2.2 6487224 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.68 329.6 Lg 01:22:38.972 -0.2 T__ --- 6487223 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ARSA 0.69 219.8 Pg 01:22:29.417 -0.7 T__ 96.8 --- ML 1.9 6487221 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 219.8 Lg 01:22:38.990 0.2 T__ --- 6487222 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
EGYH 0.87 114.4 Pg 01:22:34.390 0.4 T__ 71.3 --- ML 1.8 6487225 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.87 114.4 Lg 01:22:46.422 0.1 T__ --- 6487226 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 0.95 51.0 Pg 01:22:35.023 -0.7 T__ --- 6487229 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.95 51.0 Lg 01:22:48.843 -1.1 T__ --- 6487230 FDSN SK -- BUD iLoc HHE ??? _
A006A 0.97 354.1 Pg 01:22:35.321 -0.1 T__ 156.5 --- ML 2.2 6487228 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.97 354.1 Lg 01:22:48.732 -0.7 T__ --- 6487227 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
A001A 0.99 16.4 Pg 01:22:36.178 0.1 T__ 59.0 --- ML 1.8 6487232 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 0.99 16.4 Lg 01:22:49.998 -0.6 T__ --- 6487231 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KRUC 1.29 6.6 Pn 01:22:40.201 -0.3 T__ 49.0 --- ML 1.9 6487233 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.29 6.6 Sn 01:22:57.672 -0.3 T__ --- 6487234 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 1.33 177.6 Pn 01:22:41.654 0.6 T__ 36.7 --- ML 1.8 6487236 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 1.33 177.6 Sn 01:22:59.199 0.6 T__ --- 6487235 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VRAC 1.55 10.3 Pn 01:22:44.038 -0.1 T__ 10.3 --- ML 1.4 6487237 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
TREC 1.58 343.6 Pn 01:22:45.044 0.4 T__ 59.2 --- ML 2.2 6487238 FDSN CZ -- BUD iLoc HHZ HHZ _
TREC 1.58 343.6 Sn 01:23:06.501 1.6 T__ --- 6487239 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
CKRC 1.62 310.6 Pn 01:22:45.975 0.8 T__ 63.0 --- ML 2.2 6487241 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.62 310.6 Sn 01:23:07.060 0.7 T__ --- 6487240 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 01:28:24.82 0.77 0.76 47.7758 16.1758 3.8 2.9 56 7.7 7.9 40 25 77 0.11 1.68 ke BUD 17000960 BUD 84

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Magnitude Err Nsta Author OrigID
ML 2.3 0.2 23 BUD 17000960

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 133.1 Pg 01:28:27.849 0.2 T__ 1043.5 _d_ ML 1.6 6487345 FDSN OE -- BUD iLoc HHZ HHZ _

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RONA	0.11	133.1	Lg	01:28:29.451	-0.3	T__			6487346	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
A004A	0.24	38.4	Pg	01:28:30.810	1.0	T__	1138.5	---	ML	2.0	6487349	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
CONA	0.26	305.9	Pg	01:28:30.214	-0.2	T__	582.2	---	ML	1.8	6487348	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	305.9	Lg	01:28:34.033	-0.2	T__		---			6487347	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
SOP	0.27	109.6	Pg	01:28:30.810	0.2	T__	366.2	---	ML	1.6	6487351	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	109.6	Lg	01:28:34.591	0.1	T__		---			6487350	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
A013A	0.59	299.4	Pg	01:28:36.547	0.2	T__	908.0	---	ML	2.8	6487352	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	299.4	Lg	01:28:44.482	0.4	T__		---			6487353	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
A005B	0.60	1.9	Pg	01:28:37.180	0.7	T__	905.5	---	ML	2.8	6487355	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.60	1.9	Lg	01:28:45.618	0.6	T__		---			6487354	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
A260A	0.61	143.7	Pg	01:28:37.031	-0.0	T__	269.5	---	ML	2.3	6487356	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.61	143.7	Lg	01:28:45.525	0.2	T__		---			6487357	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A002B	0.65	25.4	Pg	01:28:39.192	1.5	T__	313.4	---	ML	2.4	6487360	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
ARSA	0.69	220.3	Pg	01:28:37.739	-0.5	T__	363.4	---	ML	2.4	6487359	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	220.3	Lg	01:28:46.419	-0.5	T__		---			6487358	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
A008A	0.69	329.6	Pg	01:28:38.186	0.1	T__	873.5	---	ML	2.8	6487361	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	329.6	Lg	01:28:47.089	-0.5	T__		---			6487362	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
EGYH	0.86	114.2	Pg	01:28:42.284	0.3	T__	172.6	---	ML	2.2	6487363	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A262A	0.94	165.2	Pn	01:28:43.886	0.3	T__	286.3	---	ML	2.5	6487364	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MODS	0.95	50.6	Pg	01:28:43.215	-0.6	T__		---			6487365	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.95	50.6	Lg	01:28:56.551	-1.5	T__		---			6487366	FDSN	SK	--	BUD	iLoc	HHE	???	_
A006A	0.97	353.9	Pg	01:28:43.141	-0.5	T__	419.1	---	ML	2.7	6487368	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.97	353.9	Lg	01:28:55.955	-1.8	T__		---			6487367	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A001A	0.99	16.0	Pg	01:28:44.184	-0.1	T__	182.9	---	ML	2.3	6487369	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.99	16.0	Lg	01:28:57.669	-1.2	T__		---			6487370	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			

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A337A  1.18 66.0 Pn      01:28:47.387  0.5      T__      133.3      ___ ML      2.3 6487371  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
HU08A  1.23 105.6 Pn     01:28:47.201 -0.3      T__      79.0      ___ ML      2.1 6487372  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KRUC   1.30 6.4 Pn      01:28:48.654 -0.0      T__      247.9      ___ ML      2.6 6487373  FDSN CZ      -- BUD  iLoc  HHZ HHZ  _
KRUC   1.30 6.4 Sn      01:29:05.790 -0.4      T__      ___      ___      6487374  FDSN CZ      -- BUD  iLoc  HHE ???  _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
KOGS   1.33 177.8 Pn    01:28:48.691 -0.3      T__      164.6      ___ ML      2.5 6487375  FDSN SL      -- BUD  iLoc  BHZ BHZ  _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
BEHE   1.37 162.4 Pn    01:28:49.846  0.4      T__      91.8      ___ ML      2.2 6487376  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
JAVC   1.47 42.1 Pn     01:28:53.163  1.8      T__      50.5      ___ ML      2.0 6487377  FDSN CZ      -- BUD  iLoc  HHZ HHZ  _
JAVC   1.47 42.1 Sn     01:29:12.348  0.8      T__      ___      ___      6487378  FDSN CZ      -- BUD  iLoc  HHE ???  _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VRAC   1.56 10.1 Pn     01:28:52.381  0.0      T__      29.0      ___ ML      1.8 6487380  FDSN CZ      -- BUD  iLoc  HHZ HHZ  _
VRAC   1.56 10.1 Sn     01:29:12.571 -0.1      T__      ___      ___      6487379  FDSN CZ      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
TREC   1.59 343.5 Sn    01:29:14.620  1.5      T__      ___      ___      6487381  FDSN CZ      -- BUD  iLoc  HHE ???  _
CKRC   1.63 310.7 Pg    01:28:55.473  0.1      T__      200.5      ___ ML      2.7 6487383  FDSN CZ      -- BUD  iLoc  HHZ HHZ  _
CKRC   1.63 310.7 Sn    01:29:15.402  0.8      T__      ___      ___      6487382  FDSN CZ      -- BUD  iLoc  HHE ???  _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
OBKA   1.68 221.8 Pg    01:28:56.739  0.7      T__      58.1      ___ ML      2.2 6487384  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/04/20 01:51:54.18  0.99  0.49  47.7747  16.1768  5.3  3.6  32 12.1  7.2  13  8  87  0.11  1.30  ke BUD  17000962  BUD  173

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Magnitude Err Nsta Author  OrigID
ML 0.6 0.3 5 BUD 17000962

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA  0.11 132.9 Pg      01:51:57.476 -0.0      T__      35.5      ___ ML      0.2 6487455  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
RONA  0.11 132.9 Lg      01:51:59.320 -0.6      T__      ___      ___      6487456  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=0
CONA  0.26 306.0 Pg      01:52:00.233  0.2      T__      26.2      ___ ML      0.4 6487458  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
CONA  0.26 306.0 Lg      01:52:03.623 -0.4      T__      ___      ___      6487457  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
SOP   0.27 109.4 Pg      01:52:00.475  0.3      T__      36.8      ___ ML      0.6 6487459  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
SOP   0.27 109.4 Lg      01:52:04.405  0.2      T__      ___      ___      6487460  FDSN HU      -- BUD  iLoc  HHZ ???  _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1

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ARSA	0.69	220.4	Pg	01:52:07.646	-0.0	T__	36.8	---	ML	1.4	6487462	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	220.4	Lg	01:52:16.382	-0.0	T__		---			6487461	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
A008A	0.69	329.6	Pg	01:52:07.814	0.3	T__	38.3	---	ML	1.5	6487463	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	329.6	Lg	01:52:17.033	-0.1	T__		---			6487464	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
MODS	0.95	50.5	Lg	01:52:26.682	-0.5	T__		---			6487465	FDSN	SK	--	BUD	iLoc	HHE	???	_
A006A	0.97	353.9	Lg	01:52:26.607	0.0	T__		---			6487466	FDSN	Z3	00	BUD	iLoc	HHE	???	_
KRUC	1.30	6.4	Sn	01:52:35.808	1.1	T__		---			6487467	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	02:09:25.57	0.96	0.39	47.7678	16.1710	5.1	3.4	25	11.9	6.7	14	8	91	0.11	0.98	ke	BUD	17000964	BUD			171

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.5	6 BUD	17000964

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	128.8	Pg	02:09:28.923	0.1					T__		81.1		---	ML	0.5	6487533	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	128.8	Lg	02:09:30.600	-0.6					T__				---		6487534	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
CONA	0.26	307.7	Pg	02:09:31.643	0.2					T__		27.8		---	ML	0.5	6487536	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	307.7	Lg	02:09:35.126	-0.3					T__				---		6487535	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=0)																									
SOP	0.27	107.8	Pg	02:09:31.829	0.3					T__		40.5		---	ML	0.7	6487537	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	107.8	Lg	02:09:35.889	0.2					T__				---		6487538	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
A013A	0.59	300.2	Lg	02:09:45.258	0.2					T__				---		6487539	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.68	220.6	Pg	02:09:38.925	-0.0					T__		28.4		---	ML	1.3	6487541	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	220.6	Lg	02:09:47.363	-0.2					T__				---		6487540	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A008A	0.69	330.1	Pg	02:09:39.056	0.0					T__		33.6		---	ML	1.4	6487542	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	330.1	Lg	02:09:48.257	-0.4					T__				---		6487543	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MODS	0.96	50.3	Pg	02:09:45.038	0.3					T__				---		6487545	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.96	50.3	Lg	02:09:58.225	-0.6					T__				---		6487544	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A006A	0.98	354.1	Pg	02:09:45.001	0.4					T__		46.5		---	ML	1.7	6487546	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/04/20	02:49:08.08	0.91	0.91	47.7659	16.1720	3.9	3.5	42	16.8	7.2	27	14	79	0.11	1.32	ke	BUD	17000966	BUD					122

Magnitude	Err	Nsta	Author	OrigID
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ML 1.8 0.3 12 BUD 17000966

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	128.2	Pg	02:49:11.625	-0.3					T__		380.7		---	ML	1.2	6487605	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	128.2	Lg	02:49:13.488	-1.2					T__				---		6487606	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A004A	0.25	37.4	Pg	02:49:14.382	0.5					T__		378.9		---	ML	1.6	6487609	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.25	37.4	Lg	02:49:19.970	2.1					T__				---		6487610	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CONA	0.26	308.0	Pg	02:49:14.009	-0.3					T__		70.3		---	ML	0.9	6487608	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	308.0	Lg	02:49:18.033	-0.5					T__				---		6487607	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
SOP	0.27	107.4	Pg	02:49:14.307	-0.0					T__		117.6		---	ML	1.1	6487612	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.27	107.4	Lg	02:49:18.182	-0.5					T__				---		6487611	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
A013A	0.59	300.3	Pg	02:49:20.044	0.2					T__		228.6		---	ML	2.2	6487613	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	300.3	Lg	02:49:28.016	0.2					T__				---		6487614	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
A005B	0.61	2.1	Pg	02:49:20.752	0.6					T__		205.0		---	ML	2.1	6487616	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.61	2.1	Lg	02:49:28.910	0.1					T__				---		6487615	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
ARSA	0.68	220.7	Pg	02:49:21.348	-0.0					T__		131.8		---	ML	2.0	6487617	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	220.7	Lg	02:49:29.990	-0.2					T__				---		6487618	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A008A	0.70	330.2	Pg	02:49:21.665	0.0					T__		149.3		_d	ML	2.1	6487620	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.70	330.2	Lg	02:49:30.624	-0.6					T__				---		6487619	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MODS	0.96	50.2	Pg	02:49:26.899	-0.4					T__				---		6487621	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.96	50.2	Lg	02:49:40.570	-0.8					T__				---		6487622	FDSN	SK	--	BUD	iLoc	HNN	???	_	
A006A	0.98	354.1	Pg	02:49:26.824	-0.3					T__		95.3		---	ML	2.0	6487624	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.98	354.1	Lg	02:49:39.974	-1.2					T__				---		6487623	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A001A	1.00	16.0	Pg	02:49:27.681	-0.1					T__		53.6		---	ML	1.8	6487625	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	1.00	16.0	Lg	02:49:41.874	-0.4					T__				---		6487626	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MPLH	1.10	122.2	Pn	02:49:28.910	1.0					T__		28.8		---	ML	1.6	6487627	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.10	122.2	Sn	02:49:45.152	2.2					T__				---		6487628	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KRUC	1.31	6.5	Pn	02:49:32.117	1.1					T__		42.0		---	ML	1.8	6487630	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.31	6.5	Sn	02:49:49.328	1.2					T__				---		6487629	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

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KOGS 1.32 177.6 Lg 02:49:50.743 0.6 T__ --- 6487631 FDSN SL -- BUD iLoc BHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 03:21:05.48 1.20 0.35 47.7613 16.1502 6.2 3.4 38 7.8 14.2 11 7 134 0.12 0.93 ke BUD 17000968 BUD 154

Magnitude Err Nsta Author OrigID
ML 0.5 0.4 4 BUD 17000968

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 121.9 Pg 03:21:08.569 0.1 T__ 36.0 --- ML 0.2 6487677 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 121.9 Lg 03:21:10.395 -0.2 T__ --- 6487678 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
CONA 0.26 310.8 Pg 03:21:11.233 0.3 T__ 22.0 --- ML 0.4 6487680 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 310.8 Lg 03:21:14.269 -0.5 T__ --- 6487679 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
SOP 0.29 105.7 Pg 03:21:11.582 0.1 T__ 43.7 --- ML 0.7 6487685 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.29 105.7 Lg 03:21:15.531 -0.0 T__ --- 6487686 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A013A 0.58 301.4 Lg 03:21:24.844 0.3 T__ --- 6487687 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.66 220.0 Pg 03:21:18.199 -0.2 T__ 25.9 --- ML 1.3 6487681 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 220.0 Lg 03:21:26.953 0.1 T__ --- 6487682 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A008A 0.69 331.4 Lg 03:21:27.773 -0.6 T__ --- 6487683 FDSN Z3 00 BUD iLoc HH2 ??? _
A262A 0.93 163.9 Lg 03:21:35.856 -0.1 T__ --- 6487684 FDSN Z3 00 BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 03:38:48.14 0.75 0.76 47.7654 16.1434 4.4 3.2 57 12.8 4.8 43 26 79 0.12 2.22 ke BUD 17000970 BUD 89

Magnitude Err Nsta Author OrigID
ML 2.3 0.2 22 BUD 17000970

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 122.4 Pg 03:38:51.370 -0.4 T__ 3118.5 --- ML 2.1 6487767 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 122.4 Lg 03:38:53.158 -1.1 T__ --- 6487768 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CONA 0.25 310.8 Pg 03:38:53.829 0.0 T__ 529.0 --- ML 1.7 6487770 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 310.8 Lg 03:38:57.293 -0.4 T__ --- 6487769 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
A004A 0.26 40.7 Pg 03:38:54.201 0.4 T__ 1955.4 --- ML 2.3 6487771 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.26 40.7 Lg 03:38:59.156 1.3 T__ --- 6487772 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
SOP 0.29 106.2 Pg 03:38:54.127 -0.4 T__ 463.0 --- ML 1.8 6487773 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1

```



VRAC	1.57	10.8	Pn	03:39:15.564	0.3	T__	24.5	___	ML	1.8	6487800	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.57	10.8	Sn	03:39:36.202	0.8	T__		---			6487801	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
TREC	1.59	344.3	Sn	03:39:37.468	1.9	T__		---			6487802	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.62	311.4	Pg	03:39:18.472	0.2	T__	255.2	---	ML	2.8	6487804	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.62	311.4	Sn	03:39:38.102	1.3	T__		---			6487803	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
OBKA	1.66	221.5	Pg	03:39:17.951	-0.6	T__	58.9	---	ML	2.2	6487805	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
VVHS	1.95	67.0	Pn	03:39:20.409	0.2	T__	13.5	---	ML	1.7	6487806	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
KOVH	2.15	140.7	Lg	03:39:56.953	1.2	T__		---			6487807	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORC	2.22	24.2	Pn	03:39:24.991	0.7	T__	36.3	---	ML	2.3	6487809	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	2.22	24.2	Sn	03:39:52.409	0.5	T__		---			6487808	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	05:16:09.12	0.74	0.88	47.7719	16.1472	3.9	2.5	45	8.3	7.4	45	30	79	0.12	2.46	ke	BUD	17000972	BUD			87

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.1	27 BUD	17000972

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	125.6	Pg	05:16:12.048	-0.2					T__		8462.0		---	ML	2.6	6488482	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	125.6	Lg	05:16:14.180	-0.3					T__				---		6488483	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
CONA	0.25	309.2	Pg	05:16:14.236	-0.2					T__	1320.1			---	ML	2.1	6488485	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	309.2	Lg	05:16:17.787	-0.4					T__				---		6488486	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
A004A	0.25	41.2	Pg	05:16:14.769	0.3					T__	6598.7			---	ML	2.8	6488484	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.25	41.2	Lg	05:16:19.400	1.3					T__				---		6488487	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
SOP	0.29	107.6	Pg	05:16:15.048	-0.2					T__	1792.8			---	ML	2.4	6488480	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.29	107.6	Lg	05:16:18.821	-0.6					T__				---		6488481	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
A013A	0.58	300.6	Pg	05:16:20.488	0.1					T__	2103.6			---	ML	3.1	6488488	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.58	300.6	Lg	05:16:28.488	0.5					T__				---		6488514	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
A005B	0.60	3.7	Pg	05:16:21.236	0.4					T__	4091.7			---	ML	3.4	6488491	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.60	3.7	Lg	05:16:29.649	0.2					T__				---		6488492	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.4 magdef=1)																									
(Station ML: 3.4 magdef=0)																									

A260A	0.62	142.0	Pg	05:16:21.220	-0.3	T__	732.0	___	ML	2.7	6488489	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.62	142.0	Lg	05:16:29.913	0.0	T__		---			6488515	FDSN	Z3	00	BUD	iLoc	HHE	???	_
A002B	0.66	26.7	Pg	05:16:22.643	0.4	T__	877.5	___	ML	2.8	6488494	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
ARSA	0.67	219.3	Pg	05:16:22.001	-0.2	T__	1717.1	___	ML	3.1	6488490	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.67	219.3	Lg	05:16:30.875	0.1	T__		---			6488516	FDSN	OE	--	BUD	iLoc	HHN	???	_
A008A	0.68	331.1	Pg	05:16:22.133	-0.1	T__	1617.6	___	ML	3.1	6488493	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	331.1	Lg	05:16:31.074	-0.6	T__		---			6488517	FDSN	Z3	00	BUD	iLoc	HH2	???	_
EGYH	0.88	113.4	Pg	05:16:26.761	0.2	T__	579.1	___	ML	2.8	6488495	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.88	113.4	Lg	05:16:38.747	-0.3	T__		---			6488518	FDSN	HU	--	BUD	iLoc	HHN	???	_
A262A	0.94	164.0	Pn	05:16:28.361	0.5	T__	525.5	___	ML	2.7	6488496	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.94	164.0	Sn	05:16:41.522	0.2	T__		---			6488497	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A006A	0.97	355.0	Pg	05:16:27.247	-0.7	T__	1606.0	___	ML	3.2	6488498	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.97	355.0	Lg	05:16:40.060	-2.0	T__		---			6488499	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A001A	1.00	17.0	Pg	05:16:28.428	-0.3	T__	723.1	___	ML	2.9	6488502	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	1.00	17.0	Lg	05:16:42.424	-1.0	T__		---			6488519	FDSN	Z3	00	BUD	iLoc	HH2	???	_
A261A	1.07	139.9	Pn	05:16:29.185	-0.2	T__	266.9	___	ML	2.5	6488500	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	1.07	139.9	Lg	05:16:43.272	-0.9	T__		---			6488501	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	1.12	122.0	Pn	05:16:30.038	-0.2	T__	151.3	___	ML	2.3	6488503	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
A337A	1.20	66.2	Sn	05:16:47.976	-0.2	T__		---			6488520	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU08A	1.25	105.2	Sn	05:16:49.247	0.1	T__		---			6488521	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BEHE	1.37	161.5	Pn	05:16:34.490	0.7	T__	289.9	___	ML	2.7	6488504	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.49	42.5	Pn	05:16:36.870	1.1	T__	193.8	___	ML	2.6	6488506	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
A338A	1.50	79.9	Pn	05:16:37.125	1.6	T__	258.1	___	ML	2.7	6488505	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
TREC	1.59	344.2	Pn	05:16:37.931	0.9	T__	452.4	___	ML	3.0	6488508	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.61	311.2	Pn	05:16:37.981	0.6	T__	424.1	___	ML	3.0	6488507	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

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(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
OBKA 1.67 221.4 Sn 05:17:01.371 1.3 T__ --- 6488522 FDSN OE -- BUD iLoc HHN ??? _
VYHS 1.94 67.1 Pn 05:16:41.220 -0.5 T__ 36.3 --- ML 2.1 6488510 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
CRES 2.00 193.9 Pn 05:16:43.524 0.6 T__ 69.0 --- ML 2.5 6488509 FDSN SL -- BUD iLoc BHZ BHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
KOVH 2.15 140.8 Pn 05:16:44.513 0.3 T__ 81.8 _d_ ML 2.6 6488511 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
MORC 2.21 24.2 Pn 05:16:45.670 -0.1 T__ 105.8 --- ML 2.8 6488523 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
MORH 2.31 131.4 Pn 05:16:46.264 -0.1 T__ 94.0 --- ML 2.8 6488512 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
PRU 2.46 335.1 Pn 05:16:50.544 1.4 T__ 196.6 --- ML 3.2 6488513 FDSN CZ -- BUD iLoc HHZ HHZ _
PRU 2.46 335.1 Sn 05:17:21.276 3.4 T__ --- 6488524 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 07:57:12.19 0.83 1.01 47.8854 19.4091 5.2 2.7 166 0.0f 25 15 129 0.13 1.51 kx BUD 17000974 BUD 157
2021/04/20 07:57:12.11 0.81 0.84 47.8920 19.4049f 0.0f 25 15 127 0.13 1.51 kx BUD_GT 17000975 BUD_GT 155
(locality : Bercel Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 2.0 0.1 11 BUD_GT 17000975

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.13 84.8 Pg 07:57:15.975 0.7 T__ 1996.6 --- ML 2.0 6488728 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.13 84.8 Lg 07:57:17.452 -0.4 T__ --- 6488729 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU10A 0.26 259.9 Pg 07:57:18.452 0.5 T__ 738.8 --- ML 1.9 6488730 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.26 259.9 Lg 07:57:22.549 -0.1 T__ --- 6488731 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.33 85.2 Pg 07:57:19.406 -0.2 T__ 235.7 --- ML 1.6 6488721 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 85.2 Lg 07:57:24.978 -0.3 T__ --- 6488732 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
BUD 0.48 212.3 Lg 07:57:29.313 -1.1 T__ --- 6488733 FDSN HU -- BUD iLoc HHZ ??? _
VYHS 0.71 327.9 Pg 07:57:27.455 0.8 T__ 24.5 --- ML 1.3 6488734 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.71 327.9 Lg 07:57:36.812 -0.4 T__ --- 6488724 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
A338A 0.72 280.3 Lg 07:57:37.269 -1.3 T__ --- 6488735 FDSN Z3 00 BUD iLoc HH3 ??? _
HU09A 0.73 250.2 Pg 07:57:27.408 0.5 T__ 190.1 --- ML 2.2 6488745 FDSN ZJ 00 BUD iLoc HHZ HHZ _

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU02A 0.79 72.6 Pg 07:57:28.456 -0.0 T__ 71.9 ___ ML 1.8 6488736 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 72.6 Lg 07:57:40.460 -0.3 T__ ___ 6488737 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.93 50.3 Pn 07:57:31.872 0.5 T__ 129.8 ___ ML 2.1 6488722 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.93 50.3 Lg 07:57:44.509 -0.3 T__ ___ 6488738 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.97 51.1 Pn 07:57:32.180 0.3 T__ 68.5 ___ ML 1.9 6488723 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 51.1 Lg 07:57:44.994 -1.6 T__ ___ 6488726 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU08A 1.10 245.8 Pg 07:57:35.125 1.1 T__ 111.6 ___ ML 2.2 6488740 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 1.10 245.8 Sn 07:57:49.226 -1.6 T__ ___ 6488739 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ABAH 1.29 71.1 Pg 07:57:39.526 2.0 T__ 60.8 ___ ML 2.0 6488725 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.29 71.1 Sn 07:57:55.600 0.3 T__ ___ 6488727 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MPLH 1.46 240.9 Pg 07:57:40.556 -0.8 T__ 44.0 ___ ML 2.0 6488742 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.46 240.9 Sn 07:58:00.087 0.6 T__ ___ 6488741 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 1.50 289.5 Sn 07:58:01.135 -0.2 T__ ___ 6488743 FDSN SK -- BUD iLoc HHE ??? _
JAVC 1.51 310.6 Sn 07:58:01.516 -0.5 T__ ___ 6488744 FDSN CZ -- BUD iLoc HHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/20 08:16:10.17 1.03 0.35 47.7728 16.1575 8.1 3.8 36 0.4 6.2 7 4 101 0.12 0.68 ke BUD 17000976 BUD 193

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Magnitude Err Nsta Author OrigID
ML 1.0 0.8 4 BUD 17000976

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 127.9 Pg 08:16:12.886 0.1 T__ 48.8 _c ML 0.3 6488786 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 127.9 Lg 08:16:14.562 -0.2 T__ ___ 6488787 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
CONA 0.25 308.1 Pg 08:16:15.345 -0.0 T__ 33.6 ___ ML 0.5 6488789 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 308.1 Lg 08:16:19.107 0.1 T__ ___ 6488788 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A002B 0.66 26.2 Pg 08:16:23.206 -0.0 T__ 447.6 ___ ML 2.5 6488792 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ARSA 0.68 219.7 Pg 08:16:22.907 -0.4 T__ 31.7 ___ ML 1.4 6488791 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.68 219.7 Lg 08:16:32.220 0.4 T__ ___ 6488790 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	09:28:24.92	0.89	1.03	47.7566	16.1425	7.1	3.4	34	2.0f		13	9	87	0.12	2.83	ke	BUD	17000978	BUD			148

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	1.3	9 BUD	17000978

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	118.7	Pg	09:28:27.263	-0.3					T__		84.8		___	ML	0.6	6488989	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	118.7	Lg	09:28:29.327	-0.2					T__				---		6488990	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)				(Station ML: 0.6 magdef=0)																					
CONA	0.26	312.3	Pg	09:28:29.819	-0.4					T__		43.3		_d	ML	0.6	6488986	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	312.3	Lg	09:28:34.007	0.2					T__				---		6488987	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)				(Station ML: 0.6 magdef=1)																					
A013A	0.58	302.1	Pg	09:28:35.763	-0.4					T__		48.4		___	ML	1.5	6488988	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.58	302.1	Lg	09:28:43.877	0.1					T__				---		6488992	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)				(Station ML: 1.5 magdef=1)																					
ARSA	0.66	219.9	Pg	09:28:37.161	-0.5					T__		37.2		___	ML	1.4	6488991	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.66	219.9	Lg	09:28:46.398	0.4					T__				---		6488998	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)				(Station ML: 1.4 magdef=1)																					
A006A	0.99	355.3	Pn	09:28:45.999	0.8					T__		2527.7		___	ML	3.5	6488993	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.5 magdef=1)				(Station ML: 3.5 magdef=1)																					
VRAC	1.58	10.8	Pn	09:28:54.992	1.5					T__		10.9		___	ML	1.4	6488995	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)				(Station ML: 1.4 magdef=1)																					
CKRC	1.62	311.7	Pn	09:28:54.027	-0.0					T__		102.2		___	ML	2.4	6488994	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)				(Station ML: 2.4 magdef=1)																					
A264A	1.78	153.4	Pn	09:28:56.844	1.1					T__		1693.7		___	ML	3.7	6488996	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.7 magdef=1)				(Station ML: 3.7 magdef=0)																					
BSZH	2.83	97.8	Pn	09:29:12.575	2.3					T__		428.9		___	ML	3.7	6488997	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.7 magdef=1)				(Station ML: 3.7 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	10:35:06.64	1.29	0.84	47.9371	20.1162	12.0	3.1	154	0.0f		11	6	207	0.15	1.02	kx	BUD	17000980	BUD			236
2021/04/20	10:35:05.62	0.91	1.14	47.8650	20.1529f				0.0f		11	6	232	0.18	1.08	kx	BUD_GT	17000981	BUD_GT			254

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	5 BUD_GT	17000981

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	10:35:10.655	0.6					T__		482.8		___	ML	1.5	6489183	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ	0.18	287.2	Lg	10:35:13.191	-0.5	T__										6489186	FDSN	GE	--	BUD	iLoc	HHN	???	_						
(Reading ML: 1.5 magdef=1)																														
(Station ML: 1.5 magdef=1)																														
HU02A	0.36	44.0	Pg	10:35:13.840	0.4	T__										96.3	ML	1.3	6489188	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
HU02A	0.36	44.0	Lg	10:35:19.300	-0.3	T__											6489181	FDSN	ZJ	00	BUD	iLoc	HHN	???	_					
(Reading ML: 1.3 magdef=1)																														
(Station ML: 1.3 magdef=1)																														
HU03A	0.37	276.2	Pg	10:35:14.541	0.8	T__											75.8	ML	1.2	6489189	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU03A	0.37	276.2	Lg	10:35:19.940	0.2	T__												6489190	FDSN	ZJ	00	BUD	iLoc	HHN	???	_				
(Reading ML: 1.2 magdef=1)																														
(Station ML: 1.2 magdef=0)																														
KECS	0.66	19.7	Pg	10:35:19.857	1.0	T__												90.5	ML	1.8	6489185	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.66	19.7	Lg	10:35:26.495	-2.4	T__													6489184	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Reading ML: 1.8 magdef=1)																														
(Station ML: 1.8 magdef=0)																														
JOS	0.68	22.1	Pg	10:35:19.763	0.5	T__													24.3	ML	1.3	6489182	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	10:35:29.524	-0.2	T__														6489187	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																														
(Station ML: 1.3 magdef=1)																														
VYHS	1.08	306.0	Lg	10:35:41.176	-2.1	T__														6489191	FDSN	SK	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	11:17:37.84	0.87	0.52	47.7818	16.1737	4.8	3.3	32	12.6	1.8	17	9	79	0.12	1.29	ke	BUD	17000982	BUD			154

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	7 BUD	17000982

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
RONA	0.12	134.7	Pg	11:17:41.141	-0.2					T__		122.0			_d	ML	0.7	6489233	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	134.7	Lg	11:17:43.097	-0.7					T__						6489234	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.7 magdef=1)																										
(Station ML: 0.7 magdef=0)																										
CONA	0.26	305.0	Pg	11:17:43.842	0.2					T__		102.8			ML	1.0	6489236	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.26	305.0	Lg	11:17:47.139	-0.4					T__						6489235	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										
SOP	0.28	110.6	Pg	11:17:44.065	0.2					T__		52.7			ML	0.8	6489238	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.28	110.6	Lg	11:17:48.163	0.1					T__						6489237	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 0.8 magdef=1)																										
(Station ML: 0.8 magdef=1)																										
A013A	0.59	298.9	Pg	11:17:48.945	-0.5					T__		76.8			ML	1.7	6489239	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A013A	0.59	298.9	Lg	11:17:57.476	0.3					T__						6489240	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
A260A	0.62	143.9	Lg	11:17:58.910	0.4					T__						6489241	FDSN	Z3	00	BUD	iLoc	HHE	???	_		
ARSA	0.69	219.9	Pg	11:17:50.975	-0.4					T__		66.4			ML	1.7	6489243	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.69	219.9	Lg	11:18:00.624	0.4					T__						6489242	FDSN	OE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
MODS	0.95	50.9	Pg	11:17:56.787	0.1					T__						6489244	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.95	50.9	Lg	11:18:10.048	-0.3					T__						6489245	FDSN	SK	--	BUD	iLoc	HHN	???	_		
A001A	0.99	16.2	Pg	11:17:57.383	0.2					T__		46.9			ML	1.7	6489247	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	

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A001A  0.99 16.2 Lg      11:18:10.905 -0.2          T__          ---          6489246      FDSN Z3      00 BUD  iLoc  HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KRUC   1.29 6.5 Pn      11:18:01.927  0.9          T__          47.1         --- ML      1.9 6489248    FDSN CZ      -- BUD  iLoc  HHZ HHZ _
KRUC   1.29 6.5 Sn      11:18:19.100  1.0          T__          ---          6489249    FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/04/20 17:17:40.27  0.74  0.86  47.7870  16.1883  3.3  2.7  67  6.1  8.0  56  33  45  0.11  2.46  ke BUD      17000984    BUD                76

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Magnitude Err Nsta Author      OrigID
ML      2.3 0.3  23 BUD      17000984

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Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA  0.11 140.1 Pg      17:17:43.177  0.1          T__          1001.6         --- ML      1.6 6489595    FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.11 140.1 Lg      17:17:45.010 -0.1          T__          ---          6489596    FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
A004A  0.23 38.5 Pg      17:17:46.178  1.2          T__          1207.6         --- ML      2.0 6489597    FDSN Z3      00 BUD  iLoc  HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CONA  0.26 302.9 Pg      17:17:45.492 -0.3          T__          491.9         --- ML      1.7 6489599    FDSN OE      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
SOP   0.27 112.4 Pg      17:17:46.029  0.1          T__          529.4         --- ML      1.8 6489598    FDSN HU      -- BUD  iLoc  HHZ HHZ _
SOP   0.27 112.4 Lg      17:17:49.675 -0.1          T__          ---          6489627    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
A005B  0.59 1.1 Pg      17:17:52.634  0.9          T__          1470.3         --- ML      3.0 6489603    FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A005B  0.59 1.1 Lg      17:18:00.890  0.9          T__          ---          6489628    FDSN Z3      00 BUD  iLoc  HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A013A  0.59 298.0 Pg      17:17:51.633 -0.2          T__          664.0         --- ML      2.7 6489601    FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A013A  0.59 298.0 Lg      17:17:59.777  0.2          T__          ---          6489602    FDSN Z3      00 BUD  iLoc  HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A260A  0.61 145.0 Pg      17:17:52.213 -0.4          T__          277.5         --- ML      2.3 6489600    FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A260A  0.61 145.0 Lg      17:18:01.099  0.3          T__          ---          6489629    FDSN Z3      00 BUD  iLoc  HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A002B  0.64 25.1 Pg      17:17:52.884  0.0          T__          557.6         --- ML      2.6 6489605    FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A002B  0.64 25.1 Lg      17:18:01.837 -0.3          T__          ---          6489606    FDSN Z3      00 BUD  iLoc  HH2 ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
A008A  0.68 328.5 Pg      17:17:53.392 -0.0          T__          739.4         _d_ ML      2.7 6489630    FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A008A  0.68 328.5 Lg      17:18:02.500 -0.3          T__          ---          6489607    FDSN Z3      00 BUD  iLoc  HH2 ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
ARSA  0.70 220.3 Pg      17:17:52.860 -1.0          T__          444.5         --- ML      2.5 6489604    FDSN OE      -- BUD  iLoc  HHZ HHZ _
ARSA  0.70 220.3 Lg      17:18:01.988 -0.8          T__          ---          6489631    FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.5 magdef=1

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(Station ML: 2.5 magdef=1)																						
A018A	0.75	267.1	Lg	17:18:04.197	-0.1	T__				6489608	FDSN	Z3	00	BUD	iLoc	HHE	???	_				
EGYH	0.86	115.1	Pg	17:17:57.603	0.3	T__	157.9	---	ML	2.2	6489609	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
EGYH	0.86	115.1	Lg	17:18:09.281	-0.3	T__		---			6489632	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
MODS	0.94	50.8	Pg	17:17:58.485	-0.5	T__		---			6489635	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	0.94	50.8	Lg	17:18:11.973	-1.0	T__		---			6489634	FDSN	SK	--	BUD	iLoc	HHN	???	_			
A262A	0.95	165.8	Pn	17:17:59.409	0.0	T__	133.9	---	ML	2.2	6489610	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
A262A	0.95	165.8	Lg	17:18:11.712	0.4	T__		---			6489633	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
A006A	0.96	353.4	Pg	17:17:58.537	-0.3	T__	482.1	---	ML	2.7	6489636	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
A006A	0.96	353.4	Lg	17:18:11.302	-1.5	T__		---			6489611	FDSN	Z3	00	BUD	iLoc	HHE	???	_			
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=0)																						
A001A	0.98	15.8	Pg	17:17:59.583	0.1	T__	173.1	---	ML	2.3	6489637	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_			
A001A	0.98	15.8	Lg	17:18:13.239	-0.6	T__		---			6489612	FDSN	Z3	00	BUD	iLoc	HH2	???	_			
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
MPLH	1.10	123.5	Sn	17:18:17.280	0.2	T__		---			6489638	FDSN	HU	--	BUD	iLoc	HHN	???	_			
HU08A	1.23	106.2	Sn	17:18:20.260	0.1	T__		---			6489639	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
KRUC	1.28	6.1	Pn	17:18:04.130	-0.0	T__	313.6	---	ML	2.7	6489614	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_			
KRUC	1.28	6.1	Sn	17:18:20.731	-0.9	T__		---			6489640	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						
KOGS	1.34	178.2	Sn	17:18:22.688	0.1	T__		---			6489613	FDSN	SL	--	BUD	iLoc	BHE	???	_			
JAVC	1.46	42.1	Pn	17:18:08.224	1.4	T__	67.0	---	ML	2.1	6489616	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_			
JAVC	1.46	42.1	Sn	17:18:27.521	0.6	T__		---			6489626	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
CSKK	1.47	106.1	Sn	17:18:27.109	0.9	T__		---			6489641	FDSN	HU	--	BUD	iLoc	HHE	???	_			
A338A	1.47	80.3	Sn	17:18:27.766	1.3	T__		---			6489615	FDSN	Z3	00	BUD	iLoc	HH3	???	_			
HU09A	1.49	94.9	Sn	17:18:28.468	1.7	T__		---			6489642	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
VRAC	1.55	9.9	Pn	17:18:07.808	-0.0	T__	49.2	---	ML	2.1	6489617	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_			
VRAC	1.55	9.9	Sn	17:18:27.413	-0.7	T__		---			6489618	FDSN	CZ	--	BUD	iLoc	HHZ	???	_			
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
TREC	1.58	343.1	Pn	17:18:08.872	0.5	T__	228.5	---	ML	2.7	6489620	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_			
TREC	1.58	343.1	Sn	17:18:29.404	0.8	T__		---			6489619	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=0)																						
CKRC	1.63	310.2	Pn	17:18:09.665	0.7	T__	155.9	---	ML	2.6	6489621	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_			
CKRC	1.63	310.2	Sn	17:18:30.197	-0.1	T__		---			6489622	FDSN	CZ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.6 magdef=1)																						
(Station ML: 2.6 magdef=1)																						
OBKA	1.70	221.8	Pg	17:18:12.470	0.6	T__	76.1	---	ML	2.3	6489644	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_			
OBKA	1.70	221.8	Sn	17:18:31.710	-0.6	T__		---			6489643	FDSN	OE	--	BUD	iLoc	HHE	???	_			
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
PTJ	1.89	184.7	Lg	17:18:41.016	-0.3	T__		---			6489645	FDSN	CR	--	BUD	iLoc	BHE	???	_			
VYHS	1.91	67.3	Pn	17:18:12.156	-0.5	T__	13.4	---	ML	1.7	6489647	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_			
VYHS	1.91	67.3	Pg	17:18:16.757	-1.0	T__		---			6489648	FDSN	SK	--	BUD	iLoc	HHZ	???	_			

VYHS	1.91	67.3	Lg	17:18:43.212	-0.8	T__								6489646	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=0)																						
CRES	2.03	194.6	Pg	17:18:18.849	1.3	T__	121.6							6489649	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	2.03	194.6	Lg	17:18:46.140	0.6	T__								6489650	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						
MORC	2.18	23.7	Pn	17:18:17.890	1.1	T__	38.8							6489623	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	2.18	23.7	Sn	17:18:44.906	0.4	T__								6489624	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
PRU	2.46	334.4	Sn	17:18:52.898	3.5	T__								6489625	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	18:23:29.83	1.02	0.55	47.7882	16.1701	8.7	3.7	40	9.0f		9	5	129	0.12	1.28		ke BUD	17000990	BUD			212

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.8	4 BUD	17000990

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	136.1	Pg	18:23:33.067	0.1					T__		59.9			ML	0.4	6490807	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	136.1	Lg	18:23:35.115	-0.2					T__						6490806	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
CONA	0.25	304.1	Pg	18:23:35.041	-0.2					T__		32.1			ML	0.5	6490805	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	304.1	Lg	18:23:38.341	-0.7					T__						6490813	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
A013A	0.58	298.5	Pg	18:23:41.783	0.6					T__		102.0			ML	1.8	6490809	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.58	298.5	Lg	18:23:49.606	0.8					T__						6490808	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ARSA	0.69	219.4	Pg	18:23:42.901	-0.5					T__		38.3			ML	1.5	6490810	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	219.4	Lg	18:23:52.475	0.3					T__						6490811	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KRUC	1.28	6.6	Sn	18:24:10.840	0.2					T__						6490812	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	21:03:36.65	0.83	0.81	47.7660	16.1542	4.0	3.0	37	12.8		0.6	25	14	80	0.12	1.31		ke BUD	17000996	BUD		158

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	11 BUD	17000996

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	124.6	Pg	21:03:39.718	-0.4					T__		97.0			_d ML	0.6	6490986	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	124.6	Lg	21:03:41.749	-0.9					T__						6490987	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
CONA	0.26	309.6	Pg	21:03:42.382	-0.0					T__		41.6			ML	0.6	6490989	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

CONA	0.26	309.6	Lg	21:03:45.362	-1.0	T__									6490988	FDSN	OE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 0.6 magdef=1)																										
(Station ML: 0.6 magdef=0)																										
A004A	0.26	39.6	Pg	21:03:42.810	0.6	T__	496.9								ML	1.7	6490990	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A004A	0.26	39.6	Lg	21:03:48.230	2.1	T__											6490991	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
SOP	0.29	106.7	Pg	21:03:42.829	-0.0	T__	38.6								ML	0.7	6490993	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.29	106.7	Lg	21:03:46.908	-0.2	T__											6490992	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																										
(Station ML: 0.7 magdef=1)																										
A013A	0.58	300.9	Pg	21:03:48.342	0.2	T__	91.4								ML	1.8	6490994	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A013A	0.58	300.9	Lg	21:03:56.538	0.6	T__											6490995	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
A005B	0.61	3.2	Pg	21:03:49.106	0.5	T__	95.2								ML	1.8	6490999	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A005B	0.61	3.2	Lg	21:03:57.599	0.2	T__											6491000	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
A260A	0.61	142.1	Lg	21:03:57.376	0.2	T__											6490998	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.67	219.9	Pg	21:03:49.590	-0.2	T__	45.8								ML	1.5	6490997	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.67	219.9	Lg	21:03:59.052	0.7	T__											6490996	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
A008A	0.69	331.0	Pg	21:03:49.953	-0.1	T__	70.9								_c_	ML	1.7	6491002	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	331.0	Lg	21:03:58.903	-0.7	T__											6491001	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
MODS	0.97	50.7	Pg	21:03:55.588	-0.4	T__											6491005	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.97	50.7	Lg	21:04:09.259	-1.0	T__											6491006	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A006A	0.98	354.8	Pg	21:03:55.103	-0.5	T__	36.5								ML	1.6	6491004	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A006A	0.98	354.8	Lg	21:04:07.843	-1.4	T__											6491003	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
A001A	1.01	16.7	Lg	21:04:10.079	-0.4	T__											6491007	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
HU08A	1.24	105.0	Pn	21:04:00.170	1.3	T__	69.4								ML	2.0	6491008	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=0)																										
KRUC	1.31	7.0	Pn	21:04:00.468	0.4	T__	40.4								ML	1.8	6491010	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
KRUC	1.31	7.0	Sn	21:04:17.529	0.2	T__											6491009	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=0)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/20	21:15:39.82	0.78	0.85	45.8529	16.0322	9.3	6.4	64	7.4	10.0	56	41	87	0.04	3.48		ke BUD	17000998	BUD			127

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.2	36 BUD	17000998

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ZAG	0.04	230.7	Pg	21:15:41.985	0.5					T__	431135.5			_d_	ML	4.0	6491221	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.04	230.7	Lg	21:15:43.687	0.9					T__						6491220	FDSN	CR	--	BUD	iLoc	BHN	???	_	



(Station ML: 3.3 magdef=1 TIH 1.66 50.2 Pn 21:16:08.389 -0.0 (Reading ML: 3.8 magdef=1 (Station ML: 3.8 magdef=0	T__	2242.4	___ ML	3.8 6491208	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
MPLH 1.68 37.8 Pn 21:16:08.410 -0.4 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1	T__	465.5	___ ML	3.1 6491233	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
A266A 1.69 65.7 Pn 21:16:08.685 -0.1 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0	T__	1631.0	___ ML	3.7 6491234	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
EGYH 1.80 29.3 Pn 21:16:10.331 -0.2 (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1	T__	646.7	___ ML	3.3 6491235	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
MORH 1.85 77.8 Pn 21:16:10.715 -0.2 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1	T__	459.3	___ ML	3.2 6491236	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
RONA 1.86 5.5 Pn 21:16:11.346 -0.2 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1	T__	451.7	___ ML	3.2 6491196	FDSN OE	-- BUD	iLoc	HHZ HHZ	_
SOP 1.87 11.0 Pn 21:16:11.500 -0.0 (Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=0	T__	359.1	___ ML	3.1 6491198	FDSN HU	-- BUD	iLoc	HHZ HHZ	_
HU08A 2.05 38.9 Pn 21:16:13.792 0.0 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1	T__	388.5	___ ML	3.2 6491207	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_
CONA 2.08 356.8 Pn 21:16:14.897 0.1 (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=0	T__	232.1	___ ML	3.0 6491195	FDSN OE	-- BUD	iLoc	HHZ HHZ	_
A004A 2.13 6.6 Pn 21:16:15.799 0.7 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1	T__	642.8	___ ML	3.5 6491203	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A272A 2.22 65.3 Pn 21:16:15.452 -0.6 A272A 2.22 65.3 Lg 21:16:52.605 1.1 (Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=1	T__	620.3	___ ML	3.5 6491237	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A013A 2.25 349.3 Pn 21:16:17.675 0.6 (Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=1	T__	333.9	___ ML	3.3 6491197	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A005B 2.52 2.6 Pn 21:16:20.763 0.1 (Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0	T__	615.1	___ ML	3.7 6491200	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A008A 2.53 354.3 Pn 21:16:21.535 0.7 (Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=1	T__	191.3	___ ML	3.2 6491199	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
A002B 2.54 8.5 Pn 21:16:22.128 1.3 (Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=1	T__	540.5	___ ML	3.6 6491206	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_
HU21A 2.62 78.1 Lg 21:17:06.435 2.0	T__		---	6491239	FDSN ZJ	00 BUD	iLoc	HHE ????	_
MODS 2.66 18.2 Pn 21:16:21.872 -0.7	T__		---	6491241	FDSN SK	-- BUD	iLoc	HHZ ????	_
MODS 2.66 18.2 Lg 21:17:07.313 1.6	T__		---	6491240	FDSN SK	-- BUD	iLoc	HHE ????	_
A337A 2.68 26.0 Sn 21:16:54.691 0.1	T__		---	6491242	FDSN Z3	00 BUD	iLoc	HHN ????	_
A338A 2.68 35.5 Sn 21:16:55.239 0.3	T__		---	6491243	FDSN Z3	00 BUD	iLoc	HH2 ????	_
FRGS 2.75 103.3 Pn 21:16:23.738 0.2	T__	279.0	___ ML	3.5 6491245	FDSN SJ	-- BUD	iLoc	BHZ BHZ	_

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FRGS  2.75 103.3 Sn      21:16:55.788 -0.8      T__          ---          6491244  FDSN SJ      -- BUD  iLoc  BHN ??? _
(Reading ML:  3.5 magdef=1
(Station ML:  3.5 magdef=1
HU01A  2.89  57.6 Lg      21:17:14.447   0.6      T__          ---          6491248  FDSN ZJ      00 BUD  iLoc  HHE ??? _
A006A  2.89 359.8 Pn      21:16:25.240 -0.6      T__          280.1      --- ML      3.6 6491202  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A006A  2.89 359.8 Pg      21:16:33.727   0.5      T__          ---          6491247  FDSN Z3      00 BUD  iLoc  HHN ??? _
A006A  2.89 359.8 Lg      21:17:13.899   2.1      T__          ---          6491246  FDSN Z3      00 BUD  iLoc  HHE ??? _
(Reading ML:  3.6 magdef=1
(Station ML:  3.6 magdef=1
A001A  2.90   7.3 Pn      21:16:26.263   0.3      T__          327.8      --- ML      3.6 6491249  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A001A  2.90   7.3 Pg      21:16:34.824   1.0      T__          ---          6491250  FDSN Z3      00 BUD  iLoc  HHZ ??? _
(Reading ML:  3.6 magdef=1
(Station ML:  3.6 magdef=1
VYHS   3.26 34.9 Pn      21:16:30.773   0.0      T__          21.7       --- ML      2.6 6491211  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS   3.26 34.9 Sn      21:17:07.977 -1.5      T__          ---          6491212  FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.6 magdef=1
(Station ML:  2.6 magdef=0
VRAC   3.48   6.1 Pn      21:16:33.552 -0.4      T__          21.2       --- ML      2.8 6491210  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
(Reading ML:  2.8 magdef=1
(Station ML:  2.8 magdef=0

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/04/21 00:06:09.89  0.88  0.29  47.7699  16.1790  5.1  3.3  27 12.9  0.6  15  8  89  0.11  1.00  ke BUD  17001004  BUD  168

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Magnitude  Err Nsta Author  OrigID
ML  1.0 0.6  6 BUD  17001004

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR  Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
RONA  0.11 131.5 Pg      00:06:13.216 -0.0      T__          51.8  _d_ ML      0.3 6492224  FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.11 131.5 Lg      00:06:15.190 -0.5      T__          ---          6492223  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.3 magdef=1
(Station ML:  0.3 magdef=0
CONA  0.27 306.7 Pg      00:06:16.084   0.2      T__          26.5  --- ML      0.5 6492225  FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  0.27 306.7 Lg      00:06:19.660 -0.3      T__          ---          6492226  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.5 magdef=1
(Station ML:  0.5 magdef=1
SOP   0.27 108.6 Pg      00:06:16.158   0.3      T__          37.5  --- ML      0.6 6492227  FDSN HU      -- BUD  iLoc  HHZ HHZ _
SOP   0.27 108.6 Lg      00:06:20.144   0.2      T__          ---          6492228  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.6 magdef=1
(Station ML:  0.6 magdef=1
A013A 0.60 299.8 Pg      00:06:21.821   0.2      T__          36.4  --- ML      1.4 6492230  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A013A 0.60 299.8 Lg      00:06:29.644   0.1      T__          ---          6492229  FDSN Z3      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1
ARSA   0.68 220.8 Pg      00:06:23.236 -0.0      T__          31.8  --- ML      1.4 6492231  FDSN OE      -- BUD  iLoc  HHZ HHZ _
ARSA   0.68 220.8 Lg      00:06:31.916 -0.1      T__          ---          6492232  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1
A008A 0.70 329.7 Pg      00:06:23.497   0.1      T__          43.5  --- ML      1.5 6492234  FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A008A 0.70 329.7 Lg      00:06:32.698 -0.2      T__          ---          6492233  FDSN Z3      00 BUD  iLoc  HH2 ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=0

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MODS	0.95	50.2	Pg	00:06:29.085	0.1	T__	---	6492235	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.95	50.2	Lg	00:06:42.533	-0.4	T__	---	6492236	FDSN	SK	--	BUD	iLoc	HHN	???	_
A001A	1.00	15.8	Lg	00:06:43.576	-0.3	T__	---	6492237	FDSN	Z3	00	BUD	iLoc	HH3	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/21	05:10:14.28	0.83	0.63	47.7552	16.1450	4.4	2.8	35	11.2	5.8	28	16	82	0.12	1.62	ke	BUD	17001008	BUD			161

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	14 BUD	17001008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
RONA	0.12	118.5	Pg	05:10:17.402	-0.2					T__		1234.5		---	ML	1.7	6492355	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.12	118.5	Lg	05:10:19.507	-0.4					T__				---		6492356	FDSN	OE	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 1.7 magdef=1)																						
				(Station ML: 1.7 magdef=1)																						
CONA	0.26	312.3	Pg	05:10:19.767	-0.2					T__		171.9		---	ML	1.3	6492358	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.26	312.3	Lg	05:10:23.753	-0.1					T__				---		6492357	FDSN	OE	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 1.3 magdef=1)																						
				(Station ML: 1.3 magdef=0)																						
A004A	0.27	39.1	Pg	05:10:20.345	0.4					T__		589.9		---	ML	1.8	6492363	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A004A	0.27	39.1	Lg	05:10:25.448	1.5					T__				---		6492364	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
				(Reading ML: 1.8 magdef=1)																						
				(Station ML: 1.8 magdef=1)																						
SOP	0.29	104.3	Pg	05:10:20.345	-0.1					T__		228.8		---	ML	1.5	6492362	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	0.29	104.3	Lg	05:10:24.144	-0.5					T__				---		6492361	FDSN	HU	--	BUD	iLoc	HHE	???	_		
				(Reading ML: 1.5 magdef=1)																						
				(Station ML: 1.5 magdef=0)																						
A013A	0.58	302.1	Pg	05:10:25.709	-0.0					T__		290.7		_d	ML	2.3	6492366	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A013A	0.58	302.1	Lg	05:10:33.942	0.5					T__				---		6492365	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
				(Reading ML: 2.3 magdef=1)																						
				(Station ML: 2.3 magdef=1)																						
A260A	0.61	141.0	Pg	05:10:26.305	-0.2					T__		235.3		---	ML	2.2	6492367	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
				(Reading ML: 2.2 magdef=1)																						
				(Station ML: 2.2 magdef=1)																						
A005B	0.62	3.7	Pg	05:10:26.491	0.1					T__		499.3		---	ML	2.5	6492371	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A005B	0.62	3.7	Lg	05:10:35.022	-0.2					T__				---		6492370	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
				(Reading ML: 2.5 magdef=1)																						
				(Station ML: 2.5 magdef=0)																						
ARSA	0.66	220.1	Pg	05:10:27.236	0.1					T__		173.3		---	ML	2.1	6492359	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.66	220.1	Lg	05:10:36.214	0.7					T__				---		6492360	FDSN	OE	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 2.1 magdef=1)																						
				(Station ML: 2.1 magdef=1)																						
A008A	0.70	331.9	Pg	05:10:27.423	-0.3					T__		355.6		---	ML	2.4	6492368	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A008A	0.70	331.9	Lg	05:10:36.512	-0.9					T__				---		6492369	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
				(Reading ML: 2.4 magdef=1)																						
				(Station ML: 2.4 magdef=0)																						
EGYH	0.87	112.4	Pg	05:10:31.259	-0.2					T__		143.4		---	ML	2.1	6492372	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
EGYH	0.87	112.4	Lg	05:10:44.149	0.2					T__				---		6492373	FDSN	HU	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 2.1 magdef=1)																						
				(Station ML: 2.1 magdef=1)																						
A261A	1.05	139.3	Pg	05:10:35.011	0.2					T__		133.6		---	ML	2.2	6492374	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
				(Reading ML: 2.2 magdef=1)																						

```

(Station ML: 2.2 magdef=1
KRUC 1.32 7.2 Pn 05:10:37.805 -0.2 T__ 137.5 ___ ML 2.4 6492375 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.32 7.2 Sn 05:10:54.904 -0.6 T__ ___ 6492376 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
JAVC 1.50 42.1 Pn 05:10:40.674 -0.1 T__ 79.8 ___ ML 2.2 6492378 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.50 42.1 Sn 05:11:02.205 1.1 T__ ___ 6492377 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
VRAC 1.58 10.7 Pn 05:10:41.493 -0.2 T__ 16.0 ___ ML 1.6 6492379 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.58 10.7 Sn 05:11:01.386 -0.7 T__ ___ 6492380 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
TREC 1.60 344.4 Sn 05:11:03.695 1.4 T__ ___ 6492381 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.62 311.7 Sn 05:11:04.291 0.9 T__ ___ 6492382 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/21 05:46:34.48 1.21 0.59 47.7571 16.1639 12.1 5.0 47 12.9 8.2 10 6 116 0.11 1.31 ke BUD 17001010 BUD 214

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```

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 6 BUD 17001010

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 122.7 Pg 05:46:38.016 0.2 T__ 82.1 ___ ML 0.5 6492433 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 122.7 Lg 05:46:39.954 -0.3 T__ ___ 6492434 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
CONA 0.27 310.2 Pg 05:46:40.568 0.1 T__ 46.0 ___ ML 0.7 6492436 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 310.2 Lg 05:46:44.107 -0.4 T__ ___ 6492435 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A013A 0.59 301.3 Pg 05:46:46.435 0.3 T__ 46.2 ___ ML 1.5 6492437 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.59 301.3 Lg 05:46:54.333 0.3 T__ ___ 6492438 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ARSA 0.67 220.8 Pg 05:46:47.423 -0.1 T__ 34.3 ___ ML 1.4 6492439 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A008A 0.70 330.9 Pg 05:46:47.702 -0.4 T__ 76.3 ___ ML 1.8 6492440 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
KRUC 1.31 6.6 Pn 05:46:58.610 0.7 T__ 32.2 ___ ML 1.7 6492441 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.31 6.6 Sn 05:47:16.342 1.0 T__ ___ 6492442 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/21 09:04:05.71 0.93 0.25 47.7694 16.1643 9.1 3.4 35 9.0f 9 6 137 0.11 0.69 ke BUD 17001012 BUD 172

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Magnitude Err Nsta Author OrigID

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ML 0.8 0.2 5 BUD 17001012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	128.0	Pg	09:04:08.852	0.1					T__		56.7		_d_	ML	0.4	6492516	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	128.0	Lg	09:04:10.711	-0.2					T__				---		6492510	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=0)																									
CONA	0.26	308.1	Pg	09:04:11.605	0.3					T__		44.0		---	ML	0.7	6492512	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	308.1	Lg	09:04:15.033	-0.1					T__				---		6492511	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.28	107.8	Pg	09:04:11.792	0.2					T__		55.6		---	ML	0.8	6492513	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
A013A	0.59	300.3	Lg	09:04:24.935	0.0					T__				---		6492517	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.68	220.2	Pg	09:04:18.795	-0.1					T__		32.2		---	ML	1.4	6492515	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A008A	0.69	330.4	Pg	09:04:18.795	-0.2					T__		312.3		---	ML	2.4	6492514	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	330.4	Lg	09:04:28.213	-0.3					T__				---		6492518	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/21	09:53:36.78	1.34	0.45	47.3091	18.2287	9.3	2.2	135	0.0f		8	4	218	0.01	0.10	kx	BUD	17001014	BUD			294
2021/04/21	09:53:34.65	0.98	0.99	47.2302	18.2835f				0.0f		8	4	330	0.09	0.19	kx	BUD_GT	17001015	BUD_GT			331

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

Magnitude Err Nsta Author OrigID  
ML 1.1 0.2 4 BUD\_GT 17001015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.09	325.6	Pg	09:53:37.443	0.4					T__		595.3		---	ML	1.3	6492695	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	325.6	Lg	09:53:38.580	-0.9					T__				---		6492697	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
CSKK	0.13	353.3	Pg	09:53:38.833	0.9					T__		334.2		---	ML	1.2	6492696	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:53:39.970	-1.1					T__				---		6492698	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW1	0.16	354.2	Pg	09:53:39.449	0.9					T__		214.6		---	ML	1.1	6492700	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.16	354.2	Lg	09:53:41.151	-1.0					T__				---		6492699	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW3	0.19	325.1	Pg	09:53:39.692	0.7					T__		140.0		---	ML	1.0	6492701	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.19	325.1	Lg	09:53:41.533	-1.3					T__				---		6492702	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/21	12:39:26.23	1.06	0.39	47.7695	16.1743	6.5	4.4	42	12.1	6.5	8	5	103	0.11	0.96	ke	BUD	17001016	BUD			189

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.2	3 BUD	17001016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	130.3	Pg	12:39:29.716	0.2					T__		97.3		___	ML	0.6	6492757	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	130.3	Lg	12:39:31.653	-0.2					T__				---		6492758	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.6 magdef=1)								(Station ML: 0.6 magdef=1)													
CONA	0.26	307.2	Pg	12:39:32.250	0.2					T__		45.4		___	ML	0.7	6492760	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	307.2	Lg	12:39:35.751	-0.4					T__				---		6492759	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)								(Station ML: 0.7 magdef=1)													
ARSA	0.68	220.6	Pg	12:39:39.849	0.2					T__		35.8		___	ML	1.4	6492761	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	220.6	Lg	12:39:48.268	-0.0					T__				---		6492762	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)								(Station ML: 1.4 magdef=1)													
A262A	0.94	165.0	Lg	12:39:56.204	-0.5					T__				---		6492764	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
MODS	0.96	50.3	Pg	12:39:45.511	0.2					T__				---		6492763	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/22	01:38:28.04	0.79	0.91	47.5003	19.5529	3.7	2.7	102	8.2	6.0	26	18	76	0.16	1.20	ke	BUD	17001018	BUD			97

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	10 BUD	17001018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU01A	0.16	163.6	Pg	01:38:32.197	0.1					T__		235.0		___	ML	1.1	6493252	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.16	163.6	Lg	01:38:34.991	-0.1					T__				---		6493253	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.1 magdef=1)								(Station ML: 1.1 magdef=0)													
BUD	0.36	267.5	Lg	01:38:41.175	-0.5					T__				---		6493254	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU03A	0.41	4.5	Pg	01:38:37.189	0.6					T__		96.9		___	ML	1.4	6493256	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.41	4.5	Lg	01:38:42.888	0.1					T__				---		6493255	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)								(Station ML: 1.4 magdef=1)													
PSZ	0.48	28.7	Pg	01:38:37.729	-0.7					T__		113.9		___	ML	1.7	6493270	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.48	28.7	Lg	01:38:44.583	-1.3					T__				---		6493258	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)								(Station ML: 1.7 magdef=1)													
HU23A	0.49	73.3	Lg	01:38:46.334	0.3					T__				---		6493259	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.50	313.9	Pg	01:38:38.846	0.5					T__		42.7		___	ML	1.3	6493257	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.3 magdef=1)								(Station ML: 1.3 magdef=0)													
HU04A	0.69	184.3	Pg	01:38:42.646	0.4					T__		90.7		___	ML	1.8	6493261	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.69	184.3	Lg	01:38:52.592	-0.3					T__				---		6493260	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)								(Station ML: 1.8 magdef=1)													
A272A	0.86	208.2	Pg	01:38:45.403	0.1					T__		79.6		___	ML	1.9	6493262	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	0.86	208.2	Lg	01:38:57.116	-1.2					T__				---		6493273	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MSW1 0.88 263.5 Lg 01:38:58.138 -1.4 T__ --- 6493274 FDSN HU -- BUD iLoc HHN ??? _
CSKK 0.89 261.6 Lg 01:38:58.974 -0.6 T__ --- 6493275 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.90 46.1 Pn 01:38:45.477 -0.2 T__ 24.7 --- ML 1.4 6493266 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 46.1 Lg 01:38:58.515 -1.3 T__ --- 6493265 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW2 0.93 258.2 Sn 01:39:00.645 0.4 T__ --- 6493276 FDSN HU -- BUD iLoc HHE ??? _
A338A 0.96 302.9 Pn 01:38:47.638 1.2 T__ 65.9 --- ML 1.9 6493263 FDSN Z3 00 BUD iLoc HHZ HHZ _
A338A 0.96 302.9 Sn 01:39:01.346 0.4 T__ --- 6493264 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW3 0.98 263.6 Sn 01:39:02.317 1.1 T__ --- 6493277 FDSN HU -- BUD iLoc HHE ??? _
HU05A 1.07 86.7 Pn 01:38:49.240 1.5 T__ 93.8 --- ML 2.1 6493271 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU08A 1.11 267.0 Sn 01:39:05.221 0.8 T__ --- 6493272 FDSN ZJ 00 BUD iLoc HHE ??? _
KECS 1.17 32.1 Sn 01:39:06.711 1.0 T__ --- 6493267 FDSN SK -- BUD iLoc EHE ??? _
JOS 1.20 33.3 Pn 01:38:51.214 1.6 T__ 30.2 --- ML 1.6 6493269 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.20 33.3 Sn 01:39:06.711 0.3 T__ --- 6493268 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/22 05:49:06.21 0.88 0.64 48.0805 19.9050 4.4 3.0 138 5.1 13.2 17 10 103 0.16 0.92 ke BUD 17001020 BUD 154

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Magnitude Err Nsta Author OrigID
ML 1.9 0.2 8 BUD 17001020

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.16 182.5 Pg 05:49:10.141 -0.0 T__ 2740.9 _d ML 2.2 6493330 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.16 182.5 Lg 05:49:12.749 -0.5 T__ --- 6493331 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU03A 0.27 229.3 Pg 05:49:12.376 0.3 T__ 624.1 --- ML 1.8 6493333 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.27 229.3 Lg 05:49:16.399 0.1 T__ --- 6493332 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.42 84.0 Pg 05:49:14.816 -0.2 T__ 199.7 --- ML 1.8 6493334 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.42 84.0 Lg 05:49:20.572 -1.2 T__ --- 6493335 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU23A 0.50 152.2 Pg 05:49:16.977 0.2 T__ 288.1 --- ML 2.1 6493337 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.50 152.2 Lg 05:49:24.595 0.3 T__ --- 6493336 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KECS 0.56 43.7 Pg 05:49:17.740 0.4 T__ 192.1 --- ML 2.1 6493340 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 43.7 Lg 05:49:26.159 0.4 T__ --- 6493339 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.59 45.3 Pg 05:49:18.299 0.3 T__ 63.7 --- ML 1.6 6493341 FDSN ZJ -- BUD iLoc HHZ HHZ _

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JOS 0.59 45.3 Lg 05:49:27.351 0.5 T__ --- 6493342 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU10A 0.64 248.8 Lg 05:49:28.879 -0.5 T__ --- 6493338 FDSN ZJ 00 BUD iLoc HHN ??? _
BSZH 0.82 162.5 Lg 05:49:35.062 -0.2 T__ --- 6493344 FDSN HU -- BUD iLoc HHE ??? _
VYHS 0.83 300.5 Pg 05:49:22.434 -0.4 T__ 13.3 --- ML 1.1 6493343 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
ABAH 0.92 75.9 Pn 05:49:25.675 1.3 T__ 75.9 --- ML 1.9 6493346 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.92 75.9 Lg 05:49:37.447 -0.7 T__ --- 6493345 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/22 09:38:39.64 2.26 0.84 48.2268 21.2425 14.4 4.9 131 0.0f 10 6 206 0.07 0.98 kx BUD 17001022 BUD 251
2021/04/22 09:38:39.88 0.95 0.90 48.2470 21.2460f 0.0f 10 6 204 0.05 0.99 kx BUD_GT 17001023 BUD_GT 253
(locality : Tallya Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD_GT 17001023

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 09:38:41.875 0.4 T__ 8337.9 --- ML 2.4 6493716 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 09:38:42.843 -0.2 T__ --- 6493717 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
JOS 0.53 298.1 Pg 09:38:51.113 0.5 T__ 59.9 --- ML 1.6 6493719 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 09:38:58.600 -0.2 T__ --- 6493718 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.56 295.3 Pg 09:38:51.411 0.2 T__ 116.7 --- ML 1.9 6493720 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 09:38:59.495 -0.2 T__ --- 6493721 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.96 250.6 Lg 09:39:12.384 -2.2 T__ --- 6493723 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Lg 09:39:13.725 -0.4 T__ --- 6493722 FDSN SK -- BUD iLoc HHE ??? _
ET1H 0.99 248.7 Pn 09:38:59.718 -0.2 T__ 39.1 --- ML 1.6 6493725 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 248.7 Lg 09:39:14.023 -1.2 T__ --- 6493724 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/22 12:04:14.50 1.32 0.39 48.5100 20.7584 10.3 3.7 15 0.0f 8 4 219 0.15 0.42 sx BUD 17001024 BUD 297

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Magnitude Err Nsta Author OrigID
ML 1.1 0.2 4 BUD 17001024

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.15 264.5 Pg 12:04:17.700 0.0 T__ 273.4 --- ML 1.1 6493795 FDSN ZJ -- BUD iLoc HHZ HHZ _

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JOS 0.15 264.5 Lg 12:04:20.829 0.6 T__ --- 6493796 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.18 261.7 Pg 12:04:17.998 -0.4 T__ 921.2 --- ML 1.8 6493798 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.18 261.7 Lg 12:04:21.500 0.0 T__ --- 6493797 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.39 123.5 Pg 12:04:22.543 0.1 T__ 46.7 --- ML 1.0 6493799 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 123.5 Lg 12:04:28.875 -0.4 T__ --- 6493800 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.42 202.0 Pg 12:04:23.288 -0.2 T__ 29.7 --- ML 0.9 6493802 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.42 202.0 Lg 12:04:30.514 0.2 T__ --- 6493801 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/22 16:30:25.65 1.73 0.45 47.7521 16.1496 8.8 5.2 58 11.3 15.0 8 4 110 0.11 1.32 ke BUD 17001026 BUD 213

```

```

Magnitude Err Nsta Author OrigID
ML 1.0 0.8 4 BUD 17001026

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.11 117.9 Pg 16:30:28.923 0.0 T__ 45.2 --- ML 0.3 6493885 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 117.9 Lg 16:30:31.084 -0.2 T__ --- 6493884 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=1
CONA 0.26 312.4 Pg 16:30:31.382 -0.0 T__ 31.6 --- ML 0.5 6493882 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 312.4 Lg 16:30:35.405 0.0 T__ --- 6493883 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
ARSA 0.66 220.5 Pg 16:30:38.013 -0.5 T__ 38.3 --- ML 1.4 6493886 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 220.5 Lg 16:30:47.549 0.6 T__ --- 6493887 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KRUC 1.32 7.0 Pn 16:30:49.673 0.3 T__ 24.2 --- ML 1.6 6493889 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.32 7.0 Sn 16:31:06.734 -0.2 T__ --- 6493888 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/22 17:11:36.78 1.55 0.54 47.7845 16.2308 10.5 5.7 82 15.7 10.0 12 6 160 0.10 0.97 ke BUD 17001028 BUD 230

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 6 BUD 17001028

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.10 152.5 Pg 17:11:40.849 0.5 T__ 42.4 _d ML 0.2 6493922 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 152.5 Lg 17:11:42.693 -0.3 T__ --- 6493931 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1

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```

(Station ML: 0.2 magdef=0
CONA 0.29 300.2 Pg 17:11:43.494 0.2 T__ 43.1 ___ ML 0.7 6493923 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 300.2 Lg 17:11:46.902 -0.8 T__ ___ 6493932 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A013A 0.62 297.0 Pg 17:11:49.454 0.5 T__ 39.7 ___ ML 1.4 6493924 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.62 297.0 Lg 17:11:57.389 0.2 T__ ___ 6493925 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A008A 0.70 326.6 Pn 17:11:51.084 -0.3 T__ 57.4 ___ ML 1.6 6493928 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.70 326.6 Lg 17:12:00.201 0.1 T__ ___ 6493933 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA 0.72 222.2 Pg 17:11:50.860 0.1 T__ 43.3 ___ ML 1.5 6493927 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.72 222.2 Lg 17:11:59.698 -0.4 T__ ___ 6493926 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A006A 0.97 351.7 Pg 17:11:55.219 -0.3 T__ 238.4 ___ ML 2.4 6493930 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.97 351.7 Sn 17:12:07.884 -0.8 T__ ___ 6493929 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/22 20:25:52.53 1.16 0.56 47.7791 16.1807 7.3 4.0 45 13.1 8.8 10 6 104 0.11 1.29 ke BUD 17001030 BUD 169

```

```

Magnitude Err Nsta Author OrigID
ML 0.8 0.4 5 BUD 17001030

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 135.5 Pg 20:25:55.961 -0.1 T__ 36.8 ___ ML 0.2 6493967 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 135.5 Lg 20:25:57.786 -0.7 T__ ___ 6493968 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=0
CONA 0.26 304.9 Pg 20:25:58.568 0.1 T__ 31.8 ___ ML 0.5 6493970 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 304.9 Lg 20:26:02.666 0.2 T__ ___ 6493969 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
SOP 0.27 110.5 Pg 20:25:58.953 0.4 T__ 51.2 ___ ML 0.8 6493975 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A008A 0.69 329.2 Pg 20:26:05.795 -0.1 T__ 29.7 ___ ML 1.4 6493971 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 329.2 Lg 20:26:15.071 -0.3 T__ ___ 6493972 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ARSA 0.69 220.4 Pg 20:26:05.870 -0.2 T__ 34.0 ___ ML 1.4 6493974 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 220.4 Lg 20:26:15.182 0.2 T__ ___ 6493973 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KRUC 1.29 6.3 Sn 20:26:33.783 1.0 T__ ___ 6493976 FDSN CZ -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/23	09:08:16.76	0.90	0.79	47.8706	19.1489	8.7	3.1	171	0.0f	12	8	165	0.09	1.12	kx	BUD	17001032	BUD				252
2021/04/23	09:08:16.54	0.90	0.75	47.8355	19.1270f				0.0f	12	8	192	0.07	1.15	kx	BUD_GT	17001033	BUD_GT				258

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD_GT	17001033

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	277.6	Pg	09:08:19.420	0.9					T__		2518.1		---	ML	1.9	6494231	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:08:20.284	-0.1					T__				---		6494232	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU03A	0.33	77.7	Lg	09:08:29.113	0.1					T__				---		6494233	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.50	84.8	Lg	09:08:34.589	-0.6					T__				---		6494234	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.6	Pg	09:08:27.541	-0.4					T__		41.2		---	ML	1.4	6494230	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	09:08:35.297	-1.0					T__				---		6494235	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
VYHS	0.69	343.6	Lg	09:08:39.767	-1.0					T__				---		6494236	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.5	Pg	09:08:37.346	0.5					T__		37.2		---	ML	1.6	6494238	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	09:08:51.576	-0.8					T__				---		6494237	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KECS	1.12	54.0	Lg	09:08:56.195	0.2					T__				---		6494239	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.15	54.5	Pg	09:08:39.655	0.3					T__		28.0		---	ML	1.6	6494241	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	09:08:55.152	-1.3					T__				---		6494240	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/23	09:17:04.16	3.69	0.44	47.9902	20.2314	47.1	4.0	136	0.0f	7	4	223	0.24	0.55	sx	BUD	17001034	BUD				230

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	17001034

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.24	252.5	Pg	09:17:09.998	0.3					T__		314.1		---	ML	1.5	6494288	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.24	252.5	Lg	09:17:13.943	-0.2					T__				---		6494290	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
ET1H	0.27	245.5	Lg	09:17:14.177	-0.5					T__				---		6494289	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.52	18.9	Pg	09:17:15.205	0.5					T__		117.0		---	ML	1.8	6494285	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.52	18.9	Lg	09:17:22.804	0.0					T__				---		6494284	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
JOS	0.55	22.0	Pg	09:17:14.907	-0.3					T__		52.8		---	ML	1.5	6494286	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	22.0	Lg	09:17:23.251	-0.3					T__				---		6494287	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/23	15:17:17.97	1.33	0.75	47.7497	16.1476	4.5	3.8	44	11.5	13.6	15	8	104	0.11	0.70	ke	BUD	17001036	BUD			186

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	7 BUD	17001036

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	116.4	Pg	15:17:21.072	-0.2					T__		831.2		___	ML	1.5	6494470	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	116.4	Lg	15:17:23.121	-0.5					T__				---		6494471	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CONA	0.26	313.0	Pg	15:17:23.680	-0.1					T__		116.0		___	ML	1.1	6494474	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	313.0	Lg	15:17:27.927	0.2					T__				---		6494475	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
A004A	0.27	38.1	Pg	15:17:24.127	0.4					T__		540.7		___	ML	1.8	6494473	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.27	38.1	Lg	15:17:29.528	1.7					T__				---		6494472	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SOP	0.29	103.3	Pg	15:17:23.941	-0.2					T__		166.3		___	ML	1.3	6494477	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.29	103.3	Lg	15:17:28.038	-0.3					T__				---		6494476	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A013A	0.59	302.5	Pg	15:17:29.566	0.0					T__		287.4		___	ML	2.3	6494478	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	302.5	Lg	15:17:37.649	0.3					T__				---		6494479	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
A005B	0.62	3.5	Lg	15:17:38.245	-0.9					T__				---		6494480	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.65	220.5	Pg	15:17:31.056	0.2					T__		147.9		___	ML	2.0	6494482	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.65	220.5	Lg	15:17:39.773	0.6					T__				---		6494481	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A008A	0.70	332.0	Pg	15:17:31.168	-0.4					T__		199.4		___	ML	2.2	6494483	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.70	332.0	Lg	15:17:40.145	-1.1					T__				---		6494484	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/23	15:30:07.34	1.11	0.30	47.7669	16.1680	5.8	4.2	12	10.4	9.4	9	5	102	0.11	0.96	ke	BUD	17001040	BUD			179

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.2	3 BUD	17001040

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	127.8	Pg	15:30:10.612	0.1					T__		89.2		___	ML	0.6	6494798	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	127.8	Lg	15:30:12.475	-0.2					T__				---		6494799	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
CONA	0.26	308.2	Pg	15:30:13.239	0.2					T__		26.6		___	ML	0.5	6494801	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	308.2	Lg	15:30:16.536	-0.5					T__				---		6494800	FDSN	OE	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A013A 0.59 300.4 Lg 15:30:26.838 0.1 T__
ARSA 0.68 220.5 Pg 15:30:20.354 -0.2 T__ 45.4 --- ML 1.5 6494802 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.68 220.5 Lg 15:30:29.369 0.2 T__ --- 6494803 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 0.96 50.4 Pg 15:30:26.689 0.1 T__ --- 6494805 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.96 50.4 Lg 15:30:40.659 -0.2 T__ --- 6494806 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 16:30:31.44 0.77 0.89 47.7100 16.0278 3.2 2.8 43 4.0 8.8 70 41 52 0.18 2.05 ke BUD 17001042 BUD 89

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```

Magnitude Err Nsta Author OrigID
ML 3.6 0.1 38 BUD 17001042

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.18 93.2 Pg 16:30:35.103 -0.3 T__ 13053.2 _c_ ML 2.9 6494927 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.18 93.2 Lg 16:30:37.972 -0.2 T__ --- 6494928 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
CONA 0.25 332.9 Pg 16:30:36.221 -0.3 T__ 11446.7 --- ML 3.0 6494930 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 332.9 Lg 16:30:40.095 -0.0 T__ --- 6494929 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A004A 0.35 44.4 Pg 16:30:38.977 0.4 T__ 13968.2 --- ML 3.4 6494931 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.35 44.4 Lg 16:30:46.092 2.6 T__ --- 6494932 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=1
SOP 0.36 94.1 Pg 16:30:38.381 -0.3 T__ 6270.4 _c_ ML 3.1 6494934 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.36 94.1 Lg 16:30:43.336 -0.4 T__ --- 6494933 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=0
A013A 0.55 310.4 Pg 16:30:42.330 0.3 T__ 17731.0 --- ML 4.1 6494935 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.55 310.4 Lg 16:30:49.706 0.5 T__ --- 6494936 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 4.1 magdef=1
(Station ML: 4.1 magdef=0
ARSA 0.57 216.9 Pg 16:30:41.958 -0.6 T__ 17982.5 --- ML 4.1 6494942 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.57 216.9 Lg 16:30:49.259 -0.6 T__ --- 6494941 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 4.1 magdef=1
(Station ML: 4.1 magdef=0
A260A 0.63 132.6 Pg 16:30:43.634 -0.3 T__ 5691.8 _c_ ML 3.6 6494938 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.63 132.6 Lg 16:30:51.978 -0.4 T__ --- 6494937 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 magdef=1
A018A 0.64 273.4 Pg 16:30:43.708 -0.2 T__ 4416.1 --- ML 3.5 6494947 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.64 273.4 Lg 16:30:53.506 1.5 T__ --- 6494946 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.5 magdef=1
(Station ML: 3.5 magdef=1
A005B 0.67 10.1 Pg 16:30:44.826 0.3 T__ 7285.1 _d_ ML 3.7 6494939 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.67 10.1 Lg 16:30:54.362 0.3 T__ --- 6494940 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.7 magdef=1

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KRUC	1.37	10.1	Sn	16:31:14.737	-0.6	T__			6494971	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
A263A	1.38	140.1	Pg	16:30:57.899	-0.5	T__	2421.3	---	ML	3.7	6494969	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.38	140.1	Lg	16:31:17.445	1.0	T__		---		6494993	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
CSKK	1.55	102.1	Pn	16:31:00.283	1.3	T__	1031.3	---	ML	3.4	6494974	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
OBKA	1.57	220.6	Pn	16:30:59.538	-0.6	T__	2802.1	---	ML	3.8	6494973	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.57	220.6	Sn	16:31:20.101	-0.6	T__		---		6494972	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=0)																			
JAVC	1.59	43.0	Pn	16:31:00.879	0.8	T__	1579.7	---	ML	3.6	6494979	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.59	43.0	Sn	16:31:21.980	0.3	T__		---		6494994	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
HU09A	1.59	91.7	Pn	16:30:59.166	-0.4	T__	1329.3	---	ML	3.5	6494978	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.59	91.7	Sn	16:31:20.176	-0.7	T__		---		6494977	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
A338A	1.59	78.1	Pg	16:31:01.699	-1.1	T__	1772.8	---	ML	3.6	6494980	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
CKRC	1.60	314.7	Pn	16:31:00.656	0.6	T__	9021.3	---	ML	4.3	6494975	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.60	314.7	Sn	16:31:20.921	-0.3	T__		---		6494976	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 4.3 magdef=1)																			
(Station ML: 4.3 magdef=0)																			
TREC	1.63	347.4	Pn	16:31:00.730	0.3	T__	4656.2	---	ML	4.1	6494981	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.63	347.4	Sn	16:31:22.336	0.9	T__		---		6494982	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 4.1 magdef=1)																			
(Station ML: 4.1 magdef=0)																			
VRAC	1.64	13.0	Pn	16:31:00.060	-0.6	T__	381.3	---	ML	3.0	6494984	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.64	13.0	Sn	16:31:21.964	-0.0	T__		---		6494983	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=0)																			
A265A	1.76	136.1	Pn	16:31:02.220	0.5	T__	1059.9	---	ML	3.5	6494985	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	1.76	136.1	Sn	16:31:25.763	1.7	T__		---		6494986	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
A264A	1.78	150.4	Lg	16:31:30.027	1.8	T__		---		6494995	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
PTJ	1.80	181.3	Pn	16:31:04.083	0.9	T__	752.1	---	ML	3.4	6494987	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
ZAG	1.88	180.9	Lg	16:31:33.752	2.0	T__		---		6494996	FDSN	CR	--	BUD	iLoc	BHE	???	_	
CRES	1.93	192.0	Pn	16:31:05.201	0.5	T__	438.5	---	ML	3.2	6494988	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=0)																			
A266A	1.93	127.0	Pn	16:31:05.051	1.0	T__	1567.5	---	ML	3.8	6494989	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
VYHS	2.04	66.3	Pn	16:31:04.753	-1.2	T__	189.5	---	ML	2.9	6494990	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 2.9 magdef=1  
 (Station ML: 2.9 magdef=0  
 A331A 2.05 44.6 Pn 16:31:06.989 0.7 T\_\_ 353.1 \_\_\_ ML 3.2 6494991 FDSN Z3 00 BUD iLoc HHZ HHZ \_  
 (Reading ML: 3.2 magdef=1  
 (Station ML: 3.2 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/23	16:37:44.25	0.93	0.27	47.6981	16.0367	5.0	3.7	31	7.0f	10	6	125	0.18	0.72	ke	BUD	17001044	BUD				218

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.6	5 BUD	17001044

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
RONA	0.18	89.4	Pg	16:37:48.259	0.1					T__		72.9		_c_	ML	0.7 6495094	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=0																								
CONA	0.26	333.0	Pg	16:37:49.823	0.1					T__		46.6		---	ML	0.7 6495095	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	333.0	Lg	16:37:53.176	-0.3					T__				---		6495096	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																								
SOP	0.35	92.2	Pg	16:37:51.649	0.2					T__		66.1		---	ML	1.1 6495098	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.35	92.2	Lg	16:37:56.156	-0.2					T__				---		6495097	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																								
A013A	0.56	311.0	Lg	16:38:02.861	0.4					T__				---		6495099	FDSN	Z3	00	BUD	iLoc	HHN	???	_
ARSA	0.57	218.1	Pg	16:37:55.113	-0.2					T__		77.1		---	ML	1.7 6495101	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.57	218.1	Lg	16:38:02.675	0.1					T__				---		6495100	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
A008A	0.72	339.1	Pg	16:37:58.130	0.1					T__		66.2		---	ML	1.7 6495102	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.72	339.1	Lg	16:38:07.667	-0.2					T__				---		6495103	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/23	16:45:36.60	1.12	0.56	47.6931	16.0790	5.0	4.9	145	20.4	8.3	11	7	129	0.15	1.39	ke	BUD	17001046	BUD				236

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.6	5 BUD	17001046

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
RONA	0.15	87.3	Pg	16:45:41.855	0.4					T__		69.2		---	ML	0.5 6495136	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.15	87.3	Lg	16:45:44.555	-0.3					T__				---		6495137	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=0																								
CONA	0.28	328.2	Pg	16:45:43.456	0.2					T__		33.6		---	ML	0.6 6495139	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	328.2	Lg	16:45:47.237	-0.7					T__				---		6495138	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																								
SOP	0.32	91.6	Pg	16:45:43.680	-0.3					T__		64.1		---	ML	1.0 6495140	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1  
 ARSA 0.58 220.6 Pg 16:45:48.541 0.4 T\_\_ 37.7 \_\_\_ ML 1.4 6495141 FDSN OE -- BUD iLoc HHZ HHZ \_  
 ARSA 0.58 220.6 Lg 16:45:55.470 -0.5 T\_\_ \_\_\_ 6495142 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 A008A 0.73 337.2 Pn 16:45:51.559 0.3 T\_\_ 48.1 \_\_\_ ML 1.6 6495144 FDSN Z3 00 BUD iLoc HHZ HHZ \_  
 A008A 0.73 337.2 Lg 16:46:01.281 0.2 T\_\_ \_\_\_ 6495143 FDSN Z3 00 BUD iLoc HH3 ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=0  
 MODS 1.05 49.3 Lg 16:46:13.574 0.5 T\_\_ \_\_\_ 6495145 FDSN SK -- BUD iLoc HHE ??? \_  
 KRUC 1.39 8.6 Lg 16:46:21.770 -0.8 T\_\_ \_\_\_ 6495146 FDSN CZ -- BUD iLoc HHE ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/23	16:53:10.67	1.46	0.30	47.6926	16.0280	5.6	4.1	51	7.3	26.4	10	6	126	0.18	0.72	ke	BUD	17001048	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.6	5 BUD	17001048

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.18	87.7	Pg	16:53:14.743	0.0					T__		46.0		___	ML	0.5	6495178	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.18	87.7	Lg	16:53:17.611	0.0					T__				___		6495179	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=0																									
CONA	0.26	334.6	Pg	16:53:16.084	-0.1					T__		37.4		___	ML	0.6	6495181	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	334.6	Lg	16:53:19.958	-0.1					T__				___		6495180	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
SOP	0.36	91.3	Pg	16:53:17.984	-0.0					T__		48.7		___	ML	1.0	6495182	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
A013A	0.56	311.8	Lg	16:53:29.569	0.7					T__				___		6495185	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.56	217.9	Pg	16:53:21.485	-0.1					T__		43.6		___	ML	1.5	6495183	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.56	217.9	Lg	16:53:28.712	-0.0					T__				___		6495184	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
A008A	0.72	339.7	Pg	16:53:24.428	-0.1					T__		46.9		___	ML	1.6	6495187	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.72	339.7	Lg	16:53:34.300	-0.1					T__				___		6495186	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/23	16:59:58.09	0.95	0.98	47.6860	16.0213	4.6	3.5	22	5.8	17.2	17	9	127	0.19	1.40	ke	BUD	17001050	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	7 BUD	17001050

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.19	85.7	Pg	17:00:02.115	-0.1					T__		182.0		___	ML	1.1	6495228	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.19	85.7	Lg	17:00:04.686	-0.4					T__				___		6495229	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
CONA 0.27 336.1 Pg 17:00:03.568 -0.1 T__ 91.6 ___ ML 1.0 6495231 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 336.1 Lg 17:00:06.548 -0.9 T__ ___ 6495230 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
SOP 0.36 90.2 Pg 17:00:05.356 -0.1 T__ 78.7 ___ ML 1.2 6495233 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.36 90.2 Lg 17:00:10.162 -0.4 T__ ___ 6495232 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A004A 0.38 42.3 Lg 17:00:13.142 2.3 T__ ___ 6495234 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.55 218.0 Pg 17:00:08.970 0.1 T__ 111.6 ___ ML 1.9 6495236 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.55 218.0 Lg 17:00:16.085 0.2 T__ ___ 6495235 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A013A 0.56 312.6 Pg 17:00:09.305 0.3 T__ 164.3 ___ ML 2.0 6495237 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.56 312.6 Lg 17:00:17.016 0.7 T__ ___ 6495238 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A008A 0.73 340.2 Pg 17:00:11.875 -0.2 T__ 130.0 ___ ML 2.0 6495240 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.73 340.2 Lg 17:00:21.263 -0.7 T__ ___ 6495239 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 1.09 50.3 Pn 17:00:18.432 -0.9 T__ ___ 6495241 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.09 50.3 Sn 17:00:33.295 -1.8 T__ ___ 6495242 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.40 10.1 Pn 17:00:23.088 -0.5 T__ 38.7 ___ ML 1.9 6495244 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.40 10.1 Sn 17:00:41.863 -0.4 T__ ___ 6495243 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 17:03:34.30 1.12 0.38 47.6909 16.0262 5.1 3.9 35 5.7 22.8 12 7 126 0.18 1.39 ke BUD 17001052 BUD 221

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Magnitude Err Nsta Author OrigID
ML 1.5 0.3 5 BUD 17001052

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.18 87.1 Pg 17:03:38.408 0.1 T__ 46.5 ___ ML 0.5 6495282 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.18 87.1 Lg 17:03:41.015 -0.1 T__ ___ 6495283 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
CONA 0.26 335.0 Pg 17:03:39.562 -0.2 T__ 54.6 ___ ML 0.8 6495285 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 335.0 Lg 17:03:43.511 -0.1 T__ ___ 6495284 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
SOP 0.36 91.0 Lg 17:03:46.715 0.1 T__ ___ 6495286 FDSN HU -- BUD iLoc HHN ??? _
ARSA 0.56 217.9 Pg 17:03:44.927 -0.2 T__ 48.7 ___ ML 1.5 6495288 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 217.9 Lg 17:03:52.265 0.0 T__ ___ 6495287 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A013A 0.56 312.0 Pg 17:03:45.448 0.3 T__ 74.1 ___ ML 1.7 6495289 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.56 312.0 Lg 17:03:53.308 0.8 T__ ___ 6495290 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A008A 0.72 339.8 Lg 17:03:57.778 -0.3 T__
KRUC 1.39 10.0 Pn 17:03:59.455 -0.3 T__ 37.2 --- ML 1.8 6495293 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.39 10.0 Sn 17:04:18.304 -0.1 T__ --- 6495292 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 17:18:19.37 1.19 0.45 47.6973 16.0309 6.1 3.9 55 8.9 16.4 11 7 93 0.18 1.39 ke BUD 17001054 BUD 163

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Magnitude Err Nsta Author OrigID
ML 1.0 0.7 4 BUD 17001054

```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.18 89.1 Pg 17:18:23.631 0.1 T__ 47.4 --- ML 0.5 6495325 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.18 89.1 Lg 17:18:26.350 -0.1 T__ --- 6495326 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CONA 0.26 333.8 Pg 17:18:24.898 -0.0 T__ 31.9 --- ML 0.5 6495328 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 333.8 Lg 17:18:28.325 -0.4 T__ --- 6495327 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A013A 0.56 311.3 Lg 17:18:38.271 0.7 T__ --- 6495329 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.56 217.8 Pg 17:18:30.523 0.1 T__ 37.5 --- ML 1.4 6495331 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 217.8 Lg 17:18:37.489 -0.1 T__ --- 6495330 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A008A 0.72 339.4 Pg 17:18:33.205 0.0 T__ 40.3 --- ML 1.5 6495332 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.72 339.4 Lg 17:18:42.927 -0.1 T__ --- 6495333 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOGS 1.26 173.1 Lg 17:18:59.467 -0.3 T__ --- 6495334 FDSN SL -- BUD iLoc BHN ??? _
KRUC 1.39 9.9 Sn 17:19:03.480 0.8 T__ --- 6495335 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 17:28:21.84 1.02 0.41 47.6962 16.0440 4.8 3.6 23 11.0 10.3 17 9 126 0.17 1.39 ke BUD 17001056 BUD 218

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 8 BUD 17001056

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.17 88.7 Pg 17:28:26.269 0.3 T__ 117.4 --- ML 0.8 6495375 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.17 88.7 Lg 17:28:28.802 -0.1 T__ --- 6495376 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.26 332.2 Pg 17:28:27.573 -0.0 T__ 56.5 --- ML 0.8 6495378 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 332.2 Lg 17:28:31.149 -0.4 T__ --- 6495377 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0

```

SOP	0.35	91.9	Pg	17:28:29.435	0.3	T__	53.0	---	ML	1.0	6495379	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.35	91.9	Lg	17:28:33.496	-0.6	T__		---			6495380	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
A013A	0.57	310.8	Pg	17:28:33.272	0.3	T__	113.0	---	ML	1.9	6495383	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.57	310.8	Lg	17:28:40.983	0.6	T__		---			6495384	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
ARSA	0.57	218.6	Pg	17:28:32.900	-0.1	T__	84.2	---	ML	1.7	6495382	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.57	218.6	Lg	17:28:40.164	-0.2	T__		---			6495381	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
A008A	0.72	338.8	Pg	17:28:35.917	0.1	T__	110.4	---	ML	1.9	6495386	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.72	338.8	Lg	17:28:45.342	-0.4	T__		---			6495385	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
MODS	1.07	50.2	Pg	17:28:43.032	-0.2	T__		---			6495387	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.07	50.2	Sn	17:28:57.262	-0.2	T__		---			6495388	FDSN	SK	--	BUD	iLoc	HHN	???	_
A001A	1.10	19.3	Pg	17:28:43.368	0.1	T__	62.4	---	ML	1.9	6495389	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KRUC	1.39	9.6	Pn	17:28:47.130	0.5	T__	29.9	---	ML	1.7	6495390	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.39	9.6	Sn	17:29:05.458	0.7	T__		---			6495391	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/23	17:36:44.38	0.92	0.79	47.6859	16.0273	4.3	3.4	32	6.7	15.0	20	12	94	0.18	1.40	ke	BUD	17001058	BUD			181

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	9 BUD	17001058

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.18	85.6	Pg	17:36:48.370	-0.1					T__		214.6		---	ML	1.1	6495443	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.18	85.6	Lg	17:36:51.313	0.0					T__				---		6495444	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.27	335.4	Pg	17:36:49.711	-0.3					T__		107.5		---	ML	1.1	6495446	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	335.4	Lg	17:36:53.660	-0.2					T__				---		6495445	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
SOP	0.36	90.2	Pg	17:36:51.052	-0.7					T__		100.3		---	ML	1.3	6495447	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.36	90.2	Lg	17:36:56.752	0.0					T__				---		6495448	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A004A	0.37	41.8	Lg	17:36:59.322	2.2					T__				---		6495449	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.55	218.3	Pg	17:36:55.187	-0.0					T__		138.3		---	ML	1.9	6495451	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.55	218.3	Lg	17:37:02.451	0.2					T__				---		6495450	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A013A	0.56	312.3	Pg	17:36:55.374	0.0					T__		287.2		---	ML	2.3	6495452	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.56	312.3	Lg	17:37:03.234	0.5					T__				---		6495453	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
A260A 0.61 131.0 Pg 17:36:56.715 0.1 T__ 182.5 ___ ML 2.1 6495454 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A005B 0.70 9.8 Lg 17:37:07.629 -0.2 T__
A008A 0.73 339.9 Pg 17:36:58.279 -0.1 T__ 182.1 ___ ML 2.2 6495457 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.73 339.9 Lg 17:37:07.816 -0.5 T__ ___ 6495456 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MODS 1.09 50.2 Sn 17:37:19.774 -1.4 T__
A001A 1.11 19.6 Pn 17:37:05.767 -0.1 T__ 59.6 ___ ML 1.9 6495460 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.11 19.6 Sn 17:37:20.332 -1.2 T__ ___ 6495459 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC 1.40 10.0 Pn 17:37:09.455 -0.4 T__ 46.6 ___ ML 1.9 6495461 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.40 10.0 Sn 17:37:28.118 -0.3 T__ ___ 6495462 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/23 18:51:27.75 1.58 0.44 47.6854 16.0432 6.7 4.6 73 10.6 19.8 12 7 92 0.17 1.25 ke BUD 17001060 BUD 138

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD 17001060

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.17 85.1 Pg 18:51:31.923 0.0 T__ 36.7 ___ ML 0.3 6495504 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.17 85.1 Lg 18:51:34.717 -0.1 T__ ___ 6495505 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=0
CONA 0.27 333.4 Pg 18:51:33.525 -0.1 T__ 26.4 ___ ML 0.5 6495507 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 333.4 Lg 18:51:37.921 0.2 T__ ___ 6495506 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
ARSA 0.56 219.2 Pg 18:51:38.666 -0.1 T__ 40.7 ___ ML 1.4 6495511 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 219.2 Lg 18:51:45.967 0.0 T__ ___ 6495510 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A013A 0.57 311.7 Pg 18:51:39.038 0.1 T__ 46.1 ___ ML 1.5 6495508 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.57 311.7 Lg 18:51:46.824 0.3 T__ ___ 6495509 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A008A 0.73 339.1 Pg 18:51:41.683 -0.2 T__ 39.5 ___ ML 1.5 6495512 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.73 339.1 Lg 18:51:51.816 -0.1 T__ ___ 6495513 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
MODS 1.08 49.8 Sn 18:52:03.997 0.3 T__
KOGS 1.25 173.4 Sn 18:52:07.983 1.1 T__ ___ 6495515 FDSN SL -- BUD iLoc BHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/23	22:00:33.85	0.99	0.36	47.6926	16.0388	4.5	3.7	24	9.5	12.2	20	11	127	0.17	1.39	ke	BUD	17001062	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	9 BUD	17001062

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.17	87.6	Pg	22:00:37.961	0.0					T__		75.5		___	ML	0.7	6495561	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.17	87.6	Lg	22:00:40.736	-0.1					T__				---		6495562	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=0)																					
CONA	0.26	333.2	Pg	22:00:39.618	0.1					T__		60.2		___	ML	0.8	6495564	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	333.2	Lg	22:00:43.120	-0.4					T__				---		6495563	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
SOP	0.35	91.3	Pg	22:00:41.183	0.1					T__		37.1		___	ML	0.8	6495565	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.35	91.3	Lg	22:00:46.100	0.0					T__				---		6495566	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
A004A	0.36	41.6	Lg	22:00:46.584	0.2					T__				---		6495567	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.56	218.5	Pg	22:00:44.889	-0.0					T__		49.6		---	ML	1.5	6495569	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.56	218.5	Lg	22:00:51.949	-0.2					T__				---		6495568	FDSN	OE	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
A013A	0.56	311.3	Pg	22:00:45.150	0.3					T__		84.2		___	ML	1.7	6495570	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.56	311.3	Lg	22:00:52.992	0.7					T__				---		6495571	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
A008A	0.72	339.2	Pg	22:00:47.758	-0.1					T__		80.7		___	ML	1.8	6495573	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.72	339.2	Lg	22:00:57.480	-0.3					T__				---		6495572	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
A006A	1.05	359.3	Pg	22:00:53.513	-0.7					T__		47.6		___	ML	1.8	6495574	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	1.05	359.3	Lg	22:01:08.228	-0.4					T__				---		6495575	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
MODS	1.07	50.2	Pn	22:00:54.854	0.4					T__				---		6495577	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.07	50.2	Sn	22:01:09.494	-0.4					T__				---		6495576	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A001A	1.10	19.4	Pg	22:00:55.599	0.2					T__		80.6		___	ML	2.0	6495578	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=0)																					
KRUC	1.39	9.7	Pn	22:00:58.952	0.1					T__		35.0		___	ML	1.8	6495579	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.39	9.7	Sn	22:01:17.689	0.5					T__				---		6495580	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/24	01:48:50.41	1.25	0.20	47.7808	16.1726	7.7	3.6	31	7.7	15.1	11	6	140	0.12	0.69	ke	BUD	17001064	BUD			165

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.1	5 BUD	17001064

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	134.1	Pg	01:48:53.389	0.0					T__		111.9		_c_	ML	0.7	6498242	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	134.1	Lg	01:48:55.401	-0.1					T__						6498243	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=1)																					
CONA	0.26	305.3	Pg	01:48:55.903	0.0					T__		31.6		---	ML	0.5	6498245	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	305.3	Lg	01:48:59.554	-0.1					T__						6498244	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.5 magdef=1)																					
				(Station ML: 0.5 magdef=0)																					
SOP	0.28	110.4	Pg	01:48:56.201	-0.0					T__		36.2		---	ML	0.6	6498246	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	110.4	Lg	01:49:00.411	0.2					T__						6498247	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.6 magdef=1)																					
				(Station ML: 0.6 magdef=1)																					
A013A	0.59	299.0	Pg	01:49:01.957	0.1					T__		45.3		---	ML	1.5	6498249	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	299.0	Lg	01:49:09.910	0.4					T__						6498248	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
A008A	0.68	329.5	Pg	01:49:03.447	-0.1					T__		42.6		---	ML	1.5	6498252	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	329.5	Lg	01:49:12.760	-0.2					T__						6498251	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=0)																					
ARSA	0.69	219.9	Lg	01:49:12.387	-0.2					T__						6498250	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/24	08:13:43.85	0.86	0.66	47.6993	16.0107	4.1	3.1	40	7.3	12.0	28	16	91	0.19	1.66	ke	BUD	17001066	BUD			124

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	12 BUD	17001066

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.19	89.8	Pg	08:13:47.929	-0.2					T__		391.3		_c_	ML	1.4	6498333	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.19	89.8	Lg	08:13:50.798	-0.3					T__						6498309	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
CONA	0.25	336.4	Pg	08:13:49.009	-0.2					T__		252.5		---	ML	1.4	6498311	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	336.4	Lg	08:13:52.586	-0.3					T__						6498310	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
SOP	0.37	92.3	Pg	08:13:51.170	-0.2					T__		165.4		_c_	ML	1.5	6498334	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.37	92.3	Lg	08:13:56.124	-0.5					T__						6498312	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
A004A	0.37	44.5	Pg	08:13:51.370	0.0					T__		470.6		---	ML	2.0	6498335	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.37	44.5	Lg	08:13:58.322	1.8					T__						6498313	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
A013A	0.55	312.1	Pg	08:13:54.126	-0.4					T__		451.8		---	ML	2.5	6498336	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.55	312.1	Lg	08:14:02.681	1.0					T__						6498316	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.5 magdef=1)																					
				(Station ML: 2.5 magdef=0)																					
ARSA	0.56	216.6	Pg	08:13:54.709	-0.0					T__		280.6		---	ML	2.3	6498314	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.56	216.6	Lg	08:14:02.010	0.2					T__						6498315	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A260A 0.63 131.2 Pg 08:13:56.572 0.1 T__ 324.9 ___ ML 2.4 6498317 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.63 131.2 Lg 08:14:05.475 0.6 T__ ___ 6498318 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A008A 0.71 340.4 Pg 08:13:57.764 0.2 T__ 421.2 ___ ML 2.5 6498320 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.71 340.4 Lg 08:14:07.188 -0.1 T__ ___ 6498319 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A006A 1.04 0.3 Pg 08:14:03.463 -0.6 T__ 137.2 ___ ML 2.2 6498321 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
MODS 1.09 51.1 Pn 08:14:04.059 -0.9 T__ ___ 6498322 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.09 51.1 Sn 08:14:19.556 -1.0 T__ ___ 6498323 FDSN SK -- BUD iLoc HHN ??? _
A001A 1.10 20.4 Pg 08:14:05.139 -0.2 T__ 64.6 ___ ML 1.9 6498325 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.10 20.4 Sn 08:14:20.524 -0.2 T__ ___ 6498324 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC 1.39 10.5 Pn 08:14:08.902 -0.2 T__ 53.9 ___ ML 2.0 6498326 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.39 10.5 Sn 08:14:27.602 0.1 T__ ___ 6498327 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
OBKA 1.55 220.5 Sn 08:14:32.259 0.1 T__ ___ 6498328 FDSN OE -- BUD iLoc HHE ??? _
CKRC 1.60 315.2 Sn 08:14:34.121 1.1 T__ ___ 6498329 FDSN CZ -- BUD iLoc HHE ??? _
TREC 1.63 347.9 Lg 08:14:35.462 -1.1 T__ ___ 6498330 FDSN CZ -- BUD iLoc HHN ??? _
VRAC 1.66 13.3 Pn 08:14:12.739 -0.1 T__ 11.5 ___ ML 1.5 6498332 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.66 13.3 Sn 08:14:34.717 0.6 T__ ___ 6498331 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/24 09:30:52.36 0.67 1.10 47.8151 16.2341 2.9 2.5 62 9.0f 74 40 43 0.12 2.45 ke BUD 17001068 BUD 72

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Magnitude Err Nsta Author OrigID
ML 3.2 0.2 38 BUD 17001068

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 160.0 Pg 09:30:54.774 -0.8 T__ 26093.9 ___ ML 3.1 6498479 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 160.0 Lg 09:30:56.600 -1.2 T__ ___ 6498480 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=1
A004A 0.18 36.5 Pg 09:30:56.600 0.2 T__ 25584.7 ___ ML 3.2 6498486 FDSN Z3 00 BUD iLoc HHZ HHZ _
A004A 0.18 36.5 Lg 09:31:00.455 1.2 T__ ___ 6498485 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
SOP 0.26 121.0 Pg 09:30:57.214 -0.6 T__ 7112.2 ___ ML 2.9 6498483 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.26 121.0 Lg 09:31:00.641 -0.9 T__ ___ 6498484 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
CONA 0.28 294.4 Pg 09:30:57.196 -1.0 T__ 3496.0 ___ ML 2.6 6498482 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.28 294.4 Lg 09:31:01.517 -0.8 T__ ___ 6498481 FDSN OE -- BUD iLoc HHN ??? _

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(Reading ML: 2.6 magdef=1																		
(Station ML: 2.6 magdef=0																		
A005B	0.56	358.0	Pg	09:31:03.603	0.3	T__	3795.6	___	ML	3.4	6498495	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.56	358.0	Lg	09:31:11.538	0.3	T__		---			6498496	FDSN Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.4 magdef=1																		
(Station ML: 3.4 magdef=1																		
A002B	0.60	23.6	Pg	09:31:05.168	0.9	T__	1977.7	___	ML	3.1	6498499	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A002B	0.60	23.6	Lg	09:31:15.263	2.3	T__		---			6498500	FDSN Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 3.1 magdef=1																		
(Station ML: 3.1 magdef=1																		
A013A	0.61	294.4	Pg	09:31:04.050	-0.2	T__	5479.6	___	ML	3.6	6498487	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.61	294.4	Lg	09:31:12.432	0.2	T__		---			6498488	FDSN Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.6 magdef=1																		
(Station ML: 3.6 magdef=0																		
A260A	0.62	148.8	Pg	09:31:04.311	-0.5	T__	2191.8	___	ML	3.2	6498494	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.62	148.8	Lg	09:31:12.804	-0.4	T__		---			6498493	FDSN Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1																		
(Station ML: 3.2 magdef=1																		
A008A	0.68	325.1	Pg	09:31:05.019	-0.4	T__	4279.5	___	ML	3.5	6498498	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	325.1	Lg	09:31:14.071	-0.7	T__		---			6498497	FDSN Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 3.5 magdef=1																		
(Station ML: 3.5 magdef=0																		
ARSA	0.74	220.7	Pg	09:31:05.801	-1.0	T__	3825.4	___	ML	3.5	6498490	FDSN OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	220.7	Lg	09:31:15.859	-0.4	T__		---			6498489	FDSN OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.5 magdef=1																		
(Station ML: 3.5 magdef=0																		
A018A	0.78	265.2	Pg	09:31:07.216	-0.4	T__	1060.3	___	ML	3.0	6498491	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.78	265.2	Lg	09:31:18.578	1.0	T__		---			6498492	FDSN Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.0 magdef=1																		
(Station ML: 3.0 magdef=1																		
EGYH	0.84	117.8	Pg	09:31:08.818	-0.3	T__	3812.5	___	ML	3.5	6498503	FDSN HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.84	117.8	Lg	09:31:22.043	0.9	T__		---			6498504	FDSN HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.5 magdef=1																		
(Station ML: 3.5 magdef=0																		
MODS	0.90	51.0	Pg	09:31:08.446	-1.9	T__		---			6498510	FDSN SK	--	BUD	iLoc	HHZ	???	_
MODS	0.90	51.0	Lg	09:31:21.521	-2.2	T__		---			6498509	FDSN SK	--	BUD	iLoc	HHN	???	_
A006A	0.94	351.3	Pg	09:31:09.526	-1.0	T__	1895.7	___	ML	3.3	6498506	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.94	351.3	Lg	09:31:22.005	-2.2	T__		---			6498505	FDSN Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.3 magdef=1																		
(Station ML: 3.3 magdef=1																		
A001A	0.94	14.5	Pg	09:31:10.271	-0.6	T__	634.3	___	ML	2.8	6498511	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.94	14.5	Lg	09:31:24.613	-0.2	T__		---			6498512	FDSN Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.8 magdef=1																		
(Station ML: 2.8 magdef=0																		
A339A	0.96	88.6	Pn	09:31:10.942	-0.2	T__	1274.7	___	ML	3.1	6498513	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A339A	0.96	88.6	Lg	09:31:27.221	1.4	T__		---			6498514	FDSN Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.1 magdef=1																		
(Station ML: 3.1 magdef=1																		
A262A	0.97	168.0	Pg	09:31:12.059	0.7	T__	1750.3	___	ML	3.3	6498502	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.97	168.0	Sn	09:31:26.103	1.0	T__		---			6498501	FDSN Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 3.3 magdef=1																		
(Station ML: 3.3 magdef=1																		
A261A	1.06	143.9	Pg	09:31:13.773	0.6	T__	2074.6	___	ML	3.4	6498507	FDSN Z3	00	BUD	iLoc	HHZ	HHZ	_

A261A	1.06	143.9	Sn	09:31:26.885	-0.4	T__			6498508	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
				(Reading ML: 3.4 magdef=1)															
				(Station ML: 3.4 magdef=1)															
MPLH	1.10	125.6	Pn	09:31:12.953	-0.0	T__	1157.8	___	ML	3.2	6498516	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.10	125.6	Sn	09:31:28.338	-0.0	T__		___			6498515	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 3.2 magdef=1)															
				(Station ML: 3.2 magdef=1)															
A337A	1.13	67.1	Pn	09:31:13.586	0.0	T__	1354.3	___	ML	3.3	6498520	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	1.13	67.1	Sn	09:31:30.275	0.8	T__		___			6498519	FDSN	Z3	00	BUD	iLoc	HHE	???	_
				(Reading ML: 3.3 magdef=1)															
				(Station ML: 3.3 magdef=1)															
HU08A	1.21	107.9	Pn	09:31:15.673	1.2	T__	954.2	___	ML	3.2	6498521	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.21	107.9	Sn	09:31:31.989	0.8	T__		___			6498522	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 3.2 magdef=1)															
				(Station ML: 3.2 magdef=1)															
KRUC	1.25	4.9	Pn	09:31:14.890	-0.5	T__	1050.7	_d_	ML	3.2	6498525	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.25	4.9	Sn	09:31:31.616	-0.8	T__		___			6498526	FDSN	CZ	--	BUD	iLoc	HHE	???	_
				(Reading ML: 3.2 magdef=1)															
				(Station ML: 3.2 magdef=1)															
KOGS	1.37	179.5	Pn	09:31:17.163	0.2	T__	819.5	___	ML	3.2	6498517	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.37	179.5	Sn	09:31:35.118	0.4	T__		___			6498518	FDSN	SL	--	BUD	iLoc	BHE	???	_
				(Reading ML: 3.2 magdef=1)															
				(Station ML: 3.2 magdef=1)															
BEHE	1.40	164.4	Pn	09:31:17.982	0.8	T__	912.7	___	ML	3.2	6498524	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.40	164.4	Lg	09:31:37.055	-0.3	T__		___			6498523	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 3.2 magdef=1)															
				(Station ML: 3.2 magdef=1)															
JAVC	1.42	42.0	Pn	09:31:19.360	1.4	T__	405.2	___	ML	2.9	6498535	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.42	42.0	Lg	09:31:40.221	-0.1	T__		___			6498536	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.9 magdef=1)															
				(Station ML: 2.9 magdef=1)															
A338A	1.44	81.2	Pg	09:31:20.031	-0.5	T__	1267.8	___	ML	3.4	6498534	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 3.4 magdef=1)															
				(Station ML: 3.4 magdef=1)															
CSKK	1.44	107.5	Pn	09:31:19.211	1.5	T__	454.6	___	ML	3.0	6498530	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.44	107.5	Sn	09:31:39.700	2.5	T__		___			6498529	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 3.0 magdef=1)															
				(Station ML: 3.0 magdef=1)															
HU09A	1.46	96.1	Sn	09:31:40.445	2.8	T__		___			6498533	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VRAC	1.51	8.9	Pn	09:31:18.615	-0.5	T__	175.6	___	ML	2.6	6498539	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.51	8.9	Sn	09:31:38.769	-0.1	T__		___			6498540	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.6 magdef=1)															
				(Station ML: 2.6 magdef=0)															
TREC	1.56	341.8	Pn	09:31:19.882	0.0	T__	1600.8	___	ML	3.6	6498538	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.56	341.8	Sn	09:31:41.190	1.4	T__		___			6498537	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 3.6 magdef=1)															
				(Station ML: 3.6 magdef=0)															
CKRC	1.63	308.8	Pn	09:31:21.670	0.9	T__	1922.3	___	ML	3.7	6498531	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.63	308.8	Sn	09:31:42.531	0.5	T__		___			6498532	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 3.7 magdef=1)															
				(Station ML: 3.7 magdef=0)															
OBKA	1.74	222.0	Pg	09:31:23.980	-0.5	T__	512.1	___	ML	3.2	6498527	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.74	222.0	Lg	09:31:48.491	0.5	T__		___			6498528	FDSN	OE	--	BUD	iLoc	HHE	???	_

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(Reading ML: 3.2 magdef=1
(Station ML: 3.2 magdef=1
VYHS 1.87 67.7 Pn 09:31:23.138 -0.7 T__ 68.7 ___ ML 2.4 6498550 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
PTJ 1.92 185.6 Pn 09:31:26.066 1.1 T__ 187.8 ___ ML 2.8 6498541 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 1.92 185.6 Lg 09:31:55.994 1.8 T__ ___ 6498551 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
CRES 2.06 195.3 Pn 09:31:26.811 -0.1 T__ 93.9 ___ ML 2.6 6498542 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 2.06 195.3 Lg 09:32:00.240 1.7 T__ ___ 6498552 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
MORC 2.15 23.3 Pn 09:31:28.055 0.0 T__ 196.1 ___ ML 3.0 6498543 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 2.15 23.3 Sn 09:31:54.280 -0.8 T__ ___ 6498544 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
KOVH 2.15 142.8 Pn 09:31:27.682 0.4 T__ 170.5 ___ ML 2.9 6498545 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
MORH 2.30 133.3 Pn 09:31:29.322 0.1 T__ 67.9 ___ ML 2.6 6498546 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
PRU 2.44 333.5 Pn 09:31:33.643 1.5 T__ 371.2 ___ ML 3.4 6498547 FDSN CZ -- BUD iLoc HHZ HHZ _
PRU 2.44 333.5 Sn 09:32:04.040 3.4 T__ ___ 6498548 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=0
ET1H 2.45 87.2 Pn 09:31:32.525 0.8 T__ 54.0 ___ ML 2.6 6498549 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/24 21:28:12.34 1.09 0.26 47.3512 18.1461 7.0 3.8 50 3.0f 8 4 199 0.03 0.09 ke BUD 17001070 BUD 283

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Magnitude Err Nsta Author OrigID
ML 0.2 0.1 4 BUD 17001070

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW3 0.03 337.0 Pg 21:28:13.659 0.2 T__ 107.9 _c_ ML 0.4 6500996 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.03 337.0 Lg 21:28:14.303 -0.3 T__ ___ 6500995 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
MSW2 0.07 137.9 Pg 21:28:14.227 0.1 T__ 52.5 ___ ML 0.2 6500997 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 137.9 Lg 21:28:15.343 -0.4 T__ ___ 6500998 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.2 magdef=1
(Station ML: 0.2 magdef=1
CSKK 0.08 81.3 Pg 21:28:14.473 0.2 T__ 40.8 ___ ML 0.1 6501000 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 81.3 Lg 21:28:16.214 0.0 T__ ___ 6500999 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.1 magdef=1
(Station ML: 0.1 magdef=1
MSW1 0.09 61.4 Pg 21:28:14.511 0.0 T__ 40.5 ___ ML 0.2 6501001 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.09 61.4 Lg 21:28:16.403 -0.0 T__ ___ 6501002 FDSN HU -- BUD iLoc HHN ??? _

```

(Reading ML: 0.2 magdef=1  
 (Station ML: 0.2 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/25	04:12:24.57	0.98	0.46	47.7000	16.0486	4.4	3.3	22	6.8	15.8	19	11	111	0.17	1.38	ke	BUD	17001072	BUD			202

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	8 BUD	17001072

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.17	90.0	Pg	04:12:28.668	0.3					T__		47.7		_c_	ML	0.4	6501044	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.17	90.0	Lg	04:12:30.778	-0.2					T__				---		6501052	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=0																									
CONA	0.26	331.2	Pg	04:12:30.233	0.1					T__		37.1		---	ML	0.6	6501045	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	331.2	Lg	04:12:33.330	-0.6					T__				---		6501053	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
SOP	0.34	92.6	Pg	04:12:32.021	0.4					T__		36.7		---	ML	0.8	6501046	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.34	92.6	Lg	04:12:36.171	-0.3					T__				---		6501054	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
A013A	0.57	310.3	Pg	04:12:35.709	0.2					T__		86.4		---	ML	1.8	6501049	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.57	310.3	Lg	04:12:43.481	0.5					T__				---		6501055	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
ARSA	0.57	218.6	Pg	04:12:35.560	-0.2					T__		51.5		---	ML	1.5	6501048	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.57	218.6	Lg	04:12:42.787	-0.3					T__				---		6501047	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
A005B	0.68	8.8	Lg	04:12:47.709	0.3					T__				---		6501056	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A008A	0.72	338.5	Pg	04:12:38.540	0.1					T__		68.1		---	ML	1.7	6501051	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.72	338.5	Lg	04:12:48.263	-0.0					T__				---		6501050	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
EGYH	0.91	107.6	Pg	04:12:43.239	0.5					T__		90.4		---	ML	2.0	6501057	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																									
MODS	1.07	50.3	Pg	04:12:45.735	-0.1					T__				---		6501059	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.07	50.3	Lg	04:13:00.375	-1.3					T__				---		6501058	FDSN	SK	--	BUD	iLoc	HHE	???	_	
A337A	1.29	64.4	Sn	04:13:06.298	0.2					T__				---		6501060	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.38	9.5	Pn	04:12:49.870	0.1					T__		47.0		---	ML	1.9	6501062	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.38	9.5	Sn	04:13:08.347	0.2					T__				---		6501061	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/25	22:26:11.11	0.86	1.19	48.3097	21.3854	5.8	3.5	22	3.6	0.2	35	21	75	0.10	2.01	ke	BUD	17001074	BUD			135

Magnitude	Err	Nsta	Author	OrigID
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ML 2.2 0.3 13 BUD 17001074

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.10	262.1	Pg	22:26:14.216	0.8					T__		1029.2		_d_	ML	1.6	6501834	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.10	262.1	Lg	22:26:16.376	1.0					T__				---		6501835	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
HU07A	0.48	132.7	Pg	22:26:20.995	0.3					T__		698.9		---	ML	2.5	6501842	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.48	132.7	Lg	22:26:28.017	-1.0					T__				---		6501843	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0)																									
JOS	0.59	288.6	Pg	22:26:22.970	0.1					T__		172.3		---	ML	2.1	6501837	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.59	288.6	Lg	22:26:31.128	-0.7					T__				---		6501836	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
HU02A	0.61	252.3	Pg	22:26:23.081	-0.6					T__		75.5		_d_	ML	1.7	6501841	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.61	252.3	Lg	22:26:32.543	-0.5					T__				---		6501840	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KECS	0.62	286.5	Pg	22:26:23.640	0.1					T__		323.6		---	ML	2.4	6501838	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.62	286.5	Lg	22:26:32.134	-0.7					T__				---		6501839	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
HU05A	0.78	192.5	Pg	22:26:26.602	-0.5					T__		167.0		---	ML	2.2	6501845	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.78	192.5	Lg	22:26:39.007	0.2					T__				---		6501844	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
TRPA	0.79	102.7	Pg	22:26:26.378	0.0					T__		282.5		---	ML	2.4	6501852	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.79	102.7	Lg	22:26:36.622	-2.4					T__				---		6501853	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																									
KOLS	0.86	43.0	Pn	22:26:28.353	-0.5					T__				---		6501846	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.86	43.0	Lg	22:26:40.348	-0.6					T__				---		6501847	FDSN	SK	--	BUD	iLoc	HHN	???	_	
LTVH	0.99	159.3	Pn	22:26:30.625	0.3					T__		333.4		---	ML	2.6	6501855	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.99	159.3	Lg	22:26:45.041	-0.3					T__				---		6501856	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0)																									
HU23A	1.02	229.1	Pn	22:26:31.854	1.1					T__		181.2		---	ML	2.3	6501850	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	1.02	229.1	Sn	22:26:47.500	1.3					T__				---		6501849	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																									
PSZ	1.07	249.2	Pn	22:26:31.929	0.1					T__		42.7		---	ML	1.7	6501848	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.07	249.2	Sn	22:26:47.617	-0.7					T__				---		6501857	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
ET1H	1.10	247.6	Pn	22:26:32.301	0.2					T__		25.4		---	ML	1.5	6501851	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.10	247.6	Sn	22:26:48.548	0.0					T__				---		6501858	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
BSZH	1.26	217.1	Pg	22:26:36.851	0.2					T__		120.3		---	ML	2.3	6501859	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	1.26	217.1	Lg	22:26:54.732	0.4					T__				---		6501860	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																									

NIE	1.32	327.5	Pg	22:26:36.138	0.1	T__				23.7	___	ML	1.6	6501854	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.32	327.5	Sn	22:26:54.769	0.1	T__					---			6501861	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
HU24A	1.41	186.3	Lg	22:26:59.277	0.5	T__					---			6501862	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
HU01A	1.53	231.6	Lg	22:27:03.188	-0.2	T__					---			6501864	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
BMR	1.55	113.4	Sn	22:26:59.761	-0.4	T__					---			6501863	FDSN	RO	--	BUD	iLoc	HNN	???	_
HU10A	1.65	254.6	Sn	22:27:04.231	2.5	T__					---			6501865	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
VYHS	1.71	277.1	Sn	22:27:05.237	1.5	T__					---			6501866	FDSN	SK	--	BUD	iLoc	HNN	???	_
DRGR	1.76	148.9	Sn	22:27:06.876	1.8	T__					---			6501867	FDSN	RO	--	BUD	iLoc	HNN	???	_
AMBH	2.01	193.1	Sn	22:27:13.880	4.1	T__					---			6501868	FDSN	HU	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/26	07:43:05.01	0.92	0.80	47.1101	17.8854	4.5	3.6	125	0.0f		12	9	105	0.21	1.04	sx	BUD	17001076	BUD			186

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	4 BUD	17001076

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.21	178.6	Pg	07:43:10.147	0.4					T__		624.3		---	ML	1.7	6503260	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MPLH	0.24	284.4	Pg	07:43:10.892	0.4					T__		110.2		---	ML	1.0	6503259	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.24	284.4	Lg	07:43:14.468	-0.4					T__				---		6503258	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
MSW2	0.29	49.0	Pg	07:43:11.781	0.4					T__		131.0		---	ML	1.2	6503263	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.29	49.0	Lg	07:43:16.105	-0.8					T__				---		6503264	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW3	0.32	30.9	Lg	07:43:16.924	-0.8					T__				---		6503265	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU08A	0.32	4.6	Lg	07:43:17.076	-0.7					T__				---		6503256	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
CSKK	0.36	45.1	Lg	07:43:18.491	-0.8					T__				---		6503257	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
MSW1	0.38	41.8	Pg	07:43:14.239	1.1					T__		101.4		---	ML	1.4	6503267	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.38	41.8	Lg	07:43:19.108	-0.9					T__				---		6503266	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOVH	1.03	171.7	Lg	07:43:40.321	-0.5					T__				---		6503262	FDSN	HU	--	BUD	iLoc	HNN	???	_	
MORH	1.04	149.5	Lg	07:43:40.321	-0.5					T__				---		6503261	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/26	07:59:23.92	0.89	0.63	47.1173	17.8733	4.0	3.6	117	0.0f		14	10	106	0.22	1.05	sx	BUD	17001078	BUD			132

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	17001078

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.22	176.4	Pg	07:59:29.072	0.3					T__		1104.9		---	ML	1.9	6503323	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									

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MPLH 0.23 283.2 Pg 07:59:29.519 0.3 T__ 172.3 ___ ML 1.2 6503324 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.23 283.2 Lg 07:59:33.915 0.4 T__ ___ 6503325 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
MSW2 0.30 51.1 Pg 07:59:31.253 0.9 T__ 124.4 ___ ML 1.2 6503333 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.30 51.1 Lg 07:59:35.720 -0.2 T__ ___ 6503334 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU08A 0.32 6.2 Pg 07:59:30.860 0.1 T__ 186.1 ___ ML 1.4 6503327 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.32 6.2 Lg 07:59:35.927 -0.6 T__ ___ 6503326 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.32 32.8 Lg 07:59:35.766 -0.8 T__ ___ 6503335 FDSN HU -- BUD iLoc HHE ??? _
CSKK 0.36 46.9 Lg 07:59:37.938 -0.3 T__ ___ 6503328 FDSN HU -- BUD iLoc HHZ ??? _
MSW1 0.38 43.5 Lg 07:59:38.136 -0.8 T__ ___ 6503336 FDSN HU -- BUD iLoc HHE ??? _
EGYH 0.48 309.3 Lg 07:59:41.067 -0.4 T__ ___ 6503329 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.04 171.3 Lg 07:59:59.172 -0.9 T__ ___ 6503330 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.05 149.3 Pn 07:59:44.122 -0.4 T__ 19.2 ___ ML 1.4 6503332 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.05 149.3 Lg 07:59:59.395 -0.7 T__ ___ 6503331 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/26 08:06:14.90 0.93 0.90 47.1190 18.0050 5.5 3.3 105 0.0f 12 10 80 0.23 1.03 sx BUD 17001080 BUD 150

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17001080

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.23 37.4 Lg 08:06:24.148 -0.5 T__ ___ 6503392 FDSN HU -- BUD iLoc HHN ??? _
TIH 0.23 199.3 Pg 08:06:20.382 0.3 T__ 683.2 ___ ML 1.8 6503384 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MSW3 0.28 17.3 Pg 08:06:22.090 1.1 T__ 209.7 ___ ML 1.4 6503393 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.28 17.3 Lg 08:06:25.256 -0.9 T__ ___ 6503394 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
CSKK 0.30 35.4 Pg 08:06:21.649 0.2 T__ 148.9 ___ ML 1.3 6503387 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.30 35.4 Lg 08:06:27.013 -0.1 T__ ___ 6503386 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU08A 0.32 350.0 Lg 08:06:25.851 -1.7 T__ ___ 6503388 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.32 279.3 Lg 08:06:27.311 -0.1 T__ ___ 6503385 FDSN HU -- BUD iLoc HHN ??? _
MSW1 0.32 32.2 Lg 08:06:26.919 -1.0 T__ ___ 6503395 FDSN HU -- BUD iLoc HHN ??? _
A267A 0.37 117.7 Lg 08:06:29.054 -0.1 T__ ___ 6503391 FDSN Z3 00 BUD iLoc HHE ??? _
MORH 1.01 153.8 Lg 08:06:49.021 -0.7 T__ ___ 6503389 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.03 176.3 Lg 08:06:50.139 -0.7 T__ ___ 6503390 FDSN HU -- BUD iLoc HHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/26 10:28:47.61 1.77 0.75 47.8772 20.1350 16.4 3.6 160 0.0f 10 6 223 0.17 1.07 kx BUD 17001082 BUD 247

```

2021/04/26 10:28:47.35 0.92 0.74 47.8650 20.1529f 0.0f 10 6 230 0.18 1.08 kx BUD\_GT 17001083 BUD\_GT 252  
 (locality : Kiszána Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 4 BUD\_GT 17001083

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.18	287.2	Pg	10:28:52.178	0.4					T__		525.2		---	ML	1.5 6504995	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:28:54.674	-0.8					T__				---		6504996	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
ET1H	0.19	274.4	Pg	10:28:52.216	0.4					T__		416.8		---	ML	1.4 6504998	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	10:28:55.009	-0.3					T__				---		6504997	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
HU02A	0.36	44.0	Pg	10:28:55.717	0.5					T__		96.2		---	ML	1.3 6505003	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:29:00.299	-1.0					T__				---		6504999	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
HU03A	0.37	276.2	Lg	10:29:00.374	-1.1					T__				---		6505000	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	0.68	22.1	Pg	10:29:01.789	0.8					T__		26.9		---	ML	1.3 6505002	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	10:29:11.847	0.4					T__				---		6505001	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
VYHS	1.08	306.0	Lg	10:29:24.177	-0.8					T__				---		6505004	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/04/27 08:10:41.23 1.24 1.04 47.3897 18.3649 8.0 4.2 122 0.0f 17 11 108 0.07 1.31 sx BUD 17001084 BUD 154

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.2 6 BUD 17001084

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MSW1	0.07	272.6	Pg	08:10:43.763	0.4					T__		2036.9		---	ML	1.8 6506103	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.07	272.6	Lg	08:10:44.681	-0.8					T__				---		6506104	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
CSKK	0.08	249.5	Pg	08:10:43.763	0.4					T__		3788.8		---	ML	2.1 6506092	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	249.5	Lg	08:10:44.955	-0.7					T__				---		6506093	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=0)																								
MSW2	0.14	230.2	Pg	08:10:45.232	0.7					T__		395.3		---	ML	1.3 6506106	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.14	230.2	Lg	08:10:46.538	-1.1					T__				---		6506105	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
MSW3	0.16	267.8	Pg	08:10:46.171	1.1					T__		600.9		---	ML	1.5 6506107	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.16	267.8	Lg	08:10:47.845	-0.6					T__				---		6506108	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU09A	0.25	2.7	Lg	08:10:50.766	-0.7					T__				---		6506094	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU08A	0.30	278.1	Lg	08:10:52.778	-0.5					T__				---		6506095	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

VYHS	1.15	15.8	Pn	08:11:04.326	0.6	T__	12.0	___	ML	1.2	6506099	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.15	15.8	Lg	08:11:20.418	-0.9	T__		---			6506100	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=0)																			
PSZ	1.16	62.3	Pn	08:11:03.879	0.0	T__	43.4	___	ML	1.8	6506097	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	62.3	Sn	08:11:20.344	-1.5	T__		---			6506096	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
MORH	1.19	170.7	Sn	08:11:19.599	-2.1	T__		---			6506098	FDSN	HU	--	BUD	iLoc	HHE	???	_
MODS	1.23	323.8	Sn	08:11:22.206	-1.2	T__		---			6506101	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.31	188.1	Sn	08:11:24.591	-0.2	T__		---			6506102	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/27	08:35:52.74	1.01	0.63	46.1776	18.2817	9.5	3.7	153	0.0f		5	3	153	0.15	0.35	kx	BUD	17001086	BUD			276
2021/04/27	08:35:52.75	1.01	0.41	46.1765	18.2926f				0.0f		5	3	155	0.16	0.35	kx	BUD_GT	17001087	BUD_GT			275
(locality : Komló Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	08:35:56.625	0.0					T__		548.8		___	ML	1.5	6506135	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:35:59.382	-0.3					T__				---		6506136	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	80.9	Pg	08:35:58.711	0.5					T__		233.8		___	ML	1.4	6506139	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:36:02.139	-0.5					T__				---		6506138	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A266A	0.35	356.8	Lg	08:36:05.864	-0.3					T__				---		6506137	FDSN	Z3	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/27	10:14:33.02	0.96	0.65	48.4559	19.5403	5.3	3.6	8	0.0f		12	7	171	0.47	0.74	sx	BUD	17001088	BUD			270

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 6 BUD 17001088

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.47	274.9	Pg	10:14:42.766	0.1					T__		12.0		___	ML	0.7	6506363	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.47	274.9	Lg	10:14:49.546	-0.2					T__				---		6506364	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
HU03A	0.55	175.9	Pg	10:14:45.768	1.1					T__		72.6		___	ML	1.7	6506374	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.55	175.9	Lg	10:14:52.675	-0.4					T__				---		6506367	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.59	156.1	Pg	10:14:45.672	0.0					T__		43.1		___	ML	1.5	6506370	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.59	156.1	Lg	10:14:53.942	-0.9					T__				---		6506371	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

ET1H	0.62	158.9	Lg	10:14:54.687	-0.7	T__								6506372	FDSN	HU	--	BUD	iLoc	HHE	???	_			
KECS	0.63	87.2	Pg	10:14:46.491	0.8	T__					89.2			---	ML	1.8	6506366	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	87.2	Lg	10:14:54.836	-0.3	T__								---		6506365	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
JOS	0.67	86.2	Pg	10:14:46.417	0.1	T__					28.6			---	ML	1.3	6506369	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	86.2	Lg	10:14:55.953	-0.4	T__								---		6506368	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.74	116.6	Pg	10:14:48.279	-0.0	T__					59.9			---	ML	1.7	6506373	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/27	11:30:05.36	1.15	0.91	45.5583	16.0637	8.3	4.7	33	0.0f		29	17	167	0.27	2.15	ke	BUD	17001090	BUD			229

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.3	16 BUD	17001090

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.27	348.7	Pg	11:30:11.525	0.4					T__		13071.1		_c_	ML	3.2	6506441	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.27	348.7	Lg	11:30:15.735	0.5					T__				---		6506440	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
PTJ	0.36	349.2	Pg	11:30:12.456	-0.5					T__		1577.9		_c_	ML	2.5	6506438	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.36	349.2	Lg	11:30:16.964	-1.7					T__				---		6506439	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
CRES	0.50	302.4	Pg	11:30:15.958	0.8					T__		417.2		---	ML	2.3	6506442	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.50	302.4	Lg	11:30:22.142	-0.4					T__				---		6506443	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
KOGS	0.90	8.2	Pg	11:30:23.185	-0.1					T__		1366.5		---	ML	3.1	6506445	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.90	8.2	Lg	11:30:36.447	1.2					T__				---		6506444	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
BEHE	1.04	28.3	Pg	11:30:25.569	-0.3					T__		1698.9		---	ML	3.3	6506446	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.04	28.3	Lg	11:30:40.212	-0.3					T__				---		6506449	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=0)																									
A264A	1.05	54.5	Pg	11:30:26.091	0.1					T__		1014.9		---	ML	3.1	6506447	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	1.05	54.5	Lg	11:30:40.622	-0.0					T__				---		6506448	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=1)																									
BLY	1.13	135.2	Pg	11:30:27.136	-0.0					T__		561.5		---	ML	2.9	6506450	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=1)																									
A273A	1.28	73.1	Pg	11:30:30.228	0.1					T__		702.7		---	ML	3.1	6506451	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	1.28	73.1	Lg	11:30:47.252	-0.2					T__				---		6506452	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=1)																									
A263A	1.39	38.4	Pn	11:30:30.526	-0.8					T__		498.4		---	ML	3.0	6506454	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A263A 1.39 38.4 Sn 11:30:50.456 0.2 T\_\_ --- 6506453 FDSN Z3 00 BUD iLoc HHE ??? \_  
 (Reading ML: 3.0 magdef=1  
 (Station ML: 3.0 magdef=1  
 OBKA 1.42 312.6 Pg 11:30:32.240 0.2 T\_\_ 330.6 --- ML 2.8 6506455 FDSN OE -- BUD iLoc HHZ HHZ \_  
 OBKA 1.42 312.6 Lg 11:30:51.797 0.6 T\_\_ --- 6506456 FDSN OE -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.8 magdef=1  
 (Station ML: 2.8 magdef=1  
 A265A 1.49 53.7 Pn 11:30:32.091 -0.5 T\_\_ 612.3 --- ML 3.1 6506458 FDSN Z3 00 BUD iLoc HHZ HHZ \_  
 A265A 1.49 53.7 Sn 11:30:53.585 1.0 T\_\_ --- 6506457 FDSN Z3 00 BUD iLoc HHE ??? \_  
 (Reading ML: 3.1 magdef=1  
 (Station ML: 3.1 magdef=1  
 KOVH 1.52 68.9 Pn 11:30:32.501 -0.6 T\_\_ 191.5 --- ML 2.6 6506459 FDSN HU -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.6 magdef=1  
 (Station ML: 2.6 magdef=1  
 ARSA 1.73 347.7 Pn 11:30:36.412 -0.1 T\_\_ 121.5 --- ML 2.5 6506460 FDSN OE -- BUD iLoc HHZ HHZ \_  
 ARSA 1.73 347.7 Sn 11:31:00.067 1.1 T\_\_ --- 6506461 FDSN OE -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.5 magdef=1  
 (Station ML: 2.5 magdef=1  
 TIH 1.85 42.8 Sn 11:31:03.867 2.4 T\_\_ --- 6506462 FDSN HU -- BUD iLoc HHE ??? \_  
 MPLH 1.91 31.8 Pg 11:30:42.484 0.9 T\_\_ 112.8 --- ML 2.6 6506465 FDSN HU -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.6 magdef=1  
 (Station ML: 2.6 magdef=1  
 MORH 1.92 69.1 Pg 11:30:42.186 0.4 T\_\_ 150.9 --- ML 2.7 6506464 FDSN HU -- BUD iLoc HHZ HHZ \_  
 MORH 1.92 69.1 Sn 11:31:05.431 2.2 T\_\_ --- 6506463 FDSN HU -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.7 magdef=1  
 (Station ML: 2.7 magdef=1  
 RONA 2.15 4.2 Pn 11:30:42.261 0.1 T\_\_ 63.3 --- ML 2.5 6506466 FDSN OE -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.5 magdef=1  
 (Station ML: 2.5 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/27	17:06:48.98	0.83	0.85	47.7572	16.1522	4.7	3.0	34	9.0f		21	12	81	0.11	1.32	ke	BUD	17001092	BUD			160

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.5	9 BUD	17001092

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	120.6	Pg	17:06:51.955	-0.0					T__		384.8		_d	ML	1.2	6507461	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	120.6	Lg	17:06:53.929	-0.3					T__				---		6507462	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.26	311.3	Pg	17:06:54.339	-0.2					T__		96.1		---	ML	1.0	6507465	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	311.3	Lg	17:06:58.511	0.1					T__				---		6507464	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A004A	0.26	38.6	Lg	17:07:00.187	1.8					T__				---		6507463	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
SOP	0.28	104.9	Pg	17:06:54.879	-0.1					T__		205.8		---	ML	1.4	6507466	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	104.9	Lg	17:06:58.679	-0.4					T__				---		6507467	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A013A	0.59	301.7	Pg	17:07:00.616	0.2					T__		259.0		---	ML	2.2	6507469	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	301.7	Lg	17:07:08.811	0.7					T__				---		6507468	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

```

(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A260A 0.60 141.4 Pg 17:07:01.361 0.2 T__ 216.8 ___ ML 2.2 6507471 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A005B 0.62 3.3 Lg 17:07:09.705 -0.1 T__ 6507470 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.66 220.3 Pg 17:07:01.920 0.0 T__ 78.3 ___ ML 1.8 6507472 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 220.3 Lg 17:07:10.935 0.6 T__ ___ 6507473 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A008A 0.70 331.5 Pg 17:07:02.329 -0.1 T__ 256.8 _c_ ML 2.3 6507475 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.70 331.5 Lg 17:07:11.307 -0.7 T__ ___ 6507474 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
MODS 0.97 50.3 Pn 17:07:07.358 -0.9 T__ ___ 6507476 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.97 50.3 Sn 17:07:20.918 -1.7 T__ ___ 6507477 FDSN SK -- BUD iLoc HHN ??? _
A001A 1.02 16.6 Pn 17:07:08.327 -0.5 T__ 69.5 ___ ML 1.9 6507479 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.02 16.6 Sn 17:07:21.551 -1.9 T__ ___ 6507478 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC 1.32 7.0 Pn 17:07:12.723 -0.2 T__ 43.2 ___ ML 1.9 6507480 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.32 7.0 Sn 17:07:30.045 -0.5 T__ ___ 6507481 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/27 18:41:41.90 1.05 0.38 47.6960 16.0273 5.0 3.6 29 6.6 18.6 15 8 125 0.18 1.39 ke BUD 17001094 BUD 219

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Magnitude Err Nsta Author OrigID
ML 1.5 0.4 7 BUD 17001094

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.18 88.7 Pg 18:41:45.892 -0.1 T__ 65.0 ___ ML 0.6 6508833 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.18 88.7 Lg 18:41:48.984 0.2 T__ ___ 6508834 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CONA 0.26 334.4 Pg 18:41:47.270 -0.1 T__ 38.4 ___ ML 0.6 6508836 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 334.4 Lg 18:41:50.958 -0.2 T__ ___ 6508835 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
SOP 0.36 91.8 Pg 18:41:49.282 0.0 T__ 48.4 ___ ML 1.0 6508837 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.36 91.8 Lg 18:41:54.162 -0.1 T__ ___ 6508838 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A013A 0.56 311.6 Pg 18:41:53.007 0.3 T__ 106.5 ___ ML 1.8 6508840 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.56 311.6 Lg 18:42:00.383 0.4 T__ ___ 6508839 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
ARSA 0.56 217.7 Pg 18:41:52.746 -0.1 T__ 45.9 ___ ML 1.5 6508841 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 217.7 Lg 18:41:59.973 -0.0 T__ ___ 6508842 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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A008A	0.72	339.6	Pg	18:41:55.801	0.1	T__	68.0	---	ML	1.7	6508844	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.72	339.6	Lg	18:42:05.263	-0.3	T__		---			6508843	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MODS	1.08	50.6	Sn	18:42:17.537	-1.0	T__		---			6508846	FDSN	SK	--	BUD	iLoc	HHE	???	_
KRUC	1.39	10.0	Pn	18:42:07.386	0.2	T__	30.0	---	ML	1.7	6508845	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.39	10.0	Sn	18:42:25.434	-0.3	T__		---			6508847	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/28	03:36:36.31	1.17	0.55	47.7503	16.1438	13.1	3.4	36	12.2	10.4	11	6	139	0.11	0.92	ke	BUD	17001100	BUD			186

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	6 BUD	17001100

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	116.1	Pg	03:36:39.830	0.1					T__		114.4		---	ML	0.7	6513565	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	116.1	Lg	03:36:41.767	-0.4					T__				---		6513566	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
CONA	0.26	313.2	Pg	03:36:42.177	0.1					T__		32.0		---	ML	0.5	6513568	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	313.2	Lg	03:36:45.381	-0.7					T__				---		6513567	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=0)																									
SOP	0.29	103.3	Pg	03:36:42.811	0.3					T__		48.9		---	ML	0.8	6513574	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.29	103.3	Lg	03:36:46.797	-0.0					T__				---		6513573	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
A013A	0.59	302.5	Pg	03:36:48.212	0.4					T__		32.4		---	ML	1.3	6513569	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	302.5	Lg	03:36:56.501	0.9					T__				---		6513575	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A008A	0.70	332.1	Pg	03:36:50.000	0.1					T__		29.9		---	ML	1.4	6513571	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.70	332.1	Lg	03:36:59.052	-0.5					T__				---		6513570	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A262A	0.92	163.4	Pg	03:36:53.874	-0.4					T__		94.4		---	ML	2.0	6513572	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/28	07:07:38.78	1.01	0.53	46.8719	17.3169	6.3	4.8	46	0.0f		10	6	159	0.14	1.13	sx	BUD	17001102	BUD			215

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	17001102

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.14	304.8	Pg	07:07:42.359	0.1					T__		4086.1		---	ML	2.3	6513660	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.14	304.8	Lg	07:07:44.966	-0.1					T__				---		6513661	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MPLH 0.34 27.0 Lg 07:07:51.597 -0.2 T__ --- 6513662 FDSN HU -- BUD iLoc HHN ??? _
EGYH 0.55 1.1 Lg 07:07:58.377 -0.4 T__ --- 6513663 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.70 36.3 Pg 07:07:53.460 0.5 T__ 91.1 --- ML 1.8 6513665 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.70 36.3 Lg 07:08:03.667 -0.7 T__ --- 6513664 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOVH 0.95 145.1 Pg 07:07:58.004 -0.0 T__ 40.0 --- ML 1.6 6513666 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.95 145.1 Lg 07:08:10.968 -0.1 T__ --- 6513667 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.13 125.2 Pn 07:08:01.134 0.6 T__ 25.1 --- ML 1.5 6513669 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.13 125.2 Sn 07:08:16.407 -0.9 T__ --- 6513668 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/28 08:35:48.49 1.36 0.88 47.2181 18.2391 11.3 6.3 74 0.0f 10 8 150 0.09 1.34 sx BUD 17001104 BUD 257

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.09 347.2 Lg 08:35:52.867 -0.4 T__ --- 6513771 FDSN HU -- BUD iLoc HHN ??? _
CSKK 0.15 5.7 Pg 08:35:52.508 0.5 T__ 339.7 --- ML 1.2 6513765 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.15 5.7 Lg 08:35:54.668 -0.7 T__ --- 6513766 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW1 0.18 4.4 Pg 08:35:53.269 0.7 T__ 186.8 --- ML 1.1 6513773 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.18 4.4 Lg 08:35:55.472 -0.9 T__ --- 6513772 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW3 0.18 335.1 Lg 08:35:56.064 -0.4 T__ --- 6513774 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.30 315.0 Lg 08:36:00.033 -0.5 T__ --- 6513767 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.04 164.4 Lg 08:36:23.650 -0.8 T__ --- 6513768 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.32 57.4 Sn 08:36:31.995 -1.0 T__ --- 6513769 FDSN GE -- BUD iLoc HHE ??? _
VYHS 1.34 17.3 Sn 08:36:32.367 -1.1 T__ --- 6513770 FDSN SK -- BUD iLoc HHE ??? _

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/28 08:52:35.53 0.94 1.10 47.8962 19.4157 7.0 2.8 0 0.0f 12 7 166 0.12 0.93 kx BUD 17001106 BUD 234
2021/04/28 08:52:35.46 0.89 0.97 47.9151 19.4088f 0.0f 12 7 158 0.13 0.92 kx BUD_GT 17001107 BUD_GT 230

```

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

Magnitude Err Nsta Author OrigID  
ML 1.9 0.3 7 BUD\_GT 17001107

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.13 95.0 Pg 08:52:40.402 1.8 T__ 3379.6 --- ML 2.2 6513805 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1

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```

(Station ML: 2.2 magdef=0
HU10A 0.27 255.2 Pg 08:52:41.370 -0.0 T__ 971.0 ___ ML 2.0 6513808 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.27 255.2 Lg 08:52:47.256 1.0 T__ ___ 6513809 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 0.31 96.4 Pg 08:52:41.817 -0.6 T__ 127.4 ___ ML 1.3 6513813 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.31 96.4 Lg 08:52:47.256 -0.4 T__ ___ 6513812 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.33 89.2 Pg 08:52:42.413 -0.5 T__ 182.2 ___ ML 1.5 6513807 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 89.2 Lg 08:52:48.225 -0.3 T__ ___ 6513806 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.69 326.7 Pn 08:52:50.832 -0.8 T__ 23.8 ___ ML 1.3 6513810 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 326.7 Lg 08:53:00.071 0.1 T__ ___ 6513811 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU02A 0.78 74.1 Pg 08:52:51.056 -0.6 T__ 93.8 ___ ML 1.9 6513814 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.78 74.1 Lg 08:53:01.784 -2.1 T__ ___ 6513815 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.92 51.3 Pg 08:52:54.036 0.3 T__ 117.2 ___ ML 2.1 6513816 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/04/28 09:57:50.65 2.10 0.77 48.5657 20.7586 13.3 5.5 171 13.3 17.7 11 8 161 0.16 1.28 kx BUD 17001108 BUD 222
2021/04/28 09:57:50.27 0.93 0.98 48.5801 20.8130f 0.0f 11 8 162 0.20 1.32 kx BUD_GT 17001109 BUD_GT 227
(locality : Dvorniky-Vcelare Slovakia)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID
ML 1.4 0.5 3 BUD_GT 17001109

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.20 245.2 Pg 09:57:54.923 0.5 T__ 383.0 ___ ML 1.4 6513851 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 245.2 Lg 09:57:57.978 0.2 T__ ___ 6513852 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.24 246.1 Pg 09:57:55.296 0.1 T__ 978.1 ___ ML 2.0 6513854 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 246.1 Lg 09:57:58.276 -0.8 T__ ___ 6513853 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.40 134.8 Pg 09:57:59.245 0.7 T__ 50.6 ___ ML 1.1 6513855 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 134.8 Lg 09:58:06.024 0.5 T__ ___ 6513856 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.50 202.9 Lg 09:58:07.812 -1.0 T__ ___ 6513857 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.90 223.2 Lg 09:58:21.819 -1.0 T__ ___ 6513858 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.94 222.3 Lg 09:58:21.947 -1.8 T__ ___ 6513860 FDSN HU -- BUD iLoc HHE ??? _
KOLS 1.03 69.4 Lg 09:58:25.917 0.0 T__ ___ 6513859 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.32 267.0 Sn 09:58:33.048 -1.7 T__ ___ 6513861 FDSN SK -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/29	09:09:38.97	0.98	0.78	48.2459	21.2196	6.6	3.7	159	0.0f	16	8	151	0.05	0.98	kx	BUD	17001112	BUD				203
2021/04/29	09:09:38.69	0.88	0.64	48.2470	21.2460f				0.0f	16	8	151	0.05	0.99	kx	BUD_GT	17001113	BUD_GT				204

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	7 BUD_GT	17001113

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	355.1	Pg	09:09:40.465	0.2					T__		13011.5		___	ML	2.6	6517370	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:09:40.912	-0.9					T__				---		6517371	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0)																									
HU02A	0.50	255.8	Pg	09:09:49.293	0.0					T__		83.2		___	ML	1.6	6517373	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:09:56.408	-1.0					T__				---		6517372	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
JOS	0.53	298.1	Pg	09:09:49.740	0.3					T__		75.3		___	ML	1.7	6517374	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:09:57.228	-0.4					T__				---		6517375	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KECS	0.56	295.3	Pg	09:09:50.485	0.5					T__		176.2		___	ML	2.1	6517377	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	09:09:58.383	-0.1					T__				---		6517376	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
TRPA	0.87	97.2	Pg	09:09:56.520	0.8					T__		90.0		___	ML	1.9	6517379	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	09:10:09.670	-0.5					T__				---		6517378	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
PSZ	0.96	250.6	Pn	09:09:58.775	0.3					T__		72.2		___	ML	1.9	6517384	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:10:12.111	-1.3					T__				---		6517385	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
KOLS	0.97	44.4	Pn	09:09:59.202	0.6					T__				---		6517380	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	44.4	Lg	09:10:13.395	0.4					T__				---		6517381	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	248.7	Pn	09:09:59.053	0.3					T__		40.3		___	ML	1.7	6517382	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	09:10:13.358	-0.6					T__				---		6517383	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/29	17:57:21.33	2.94	0.24	45.8190	17.7153	23.5	8.7	5	16.7	11.2	7	4	260	0.12	0.76	ke	BUD	17001114	BUD				337

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	3 BUD	17001114

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A273A	0.12	35.9	Pg	17:57:25.175	-0.1					T__		223.2		_d_	ML	1.0	6520899	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A273A	0.12	35.9	Lg	17:57:28.100	0.1	T__								6520900	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																							
(Station ML: 1.0 magdef=1)																							
KOVH	0.38	44.8	Pg	17:57:29.455	-0.0	T__	36.5							0.9	6520901	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.38	44.8	Lg	17:57:35.185	0.1	T__									6520898	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																							
(Station ML: 0.9 magdef=1)																							
A264A	0.45	319.1	Lg	17:57:37.003	-0.0	T__									6520902	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MORH	0.76	58.2	Pn	17:57:36.153	0.3	T__	23.7							1.3	6520897	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.76	58.2	Lg	17:57:47.061	-0.3	T__									6520903	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/29	23:53:00.78	0.96	0.63	46.1028	21.4245	6.2	4.9	73	15.0f		7	4	132	0.23	1.18	ke	BUD	17001116	BUD			240

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.23	44.7	Pg	23:53:06.749	0.4					T__		69.5			ML	0.8	6521609	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.23	44.7	Lg	23:53:09.617	-0.7					T__						6521610	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
BZS	0.50	164.5	Pg	23:53:11.331	0.4					T__	33.9			_c_	ML	1.2	6521612	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.50	164.5	Lg	23:53:17.328	-0.7					T__						6521611	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
AMBH	0.54	297.3	Pg	23:53:12.465	0.2					T__						6521614	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
AMBH	0.54	297.3	Lg	23:53:19.749	-0.3					T__						6521613	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
GZR	1.18	126.4	Sn	23:53:38.393	0.1					T__						6521615	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/30	08:37:47.83	1.01	0.71	46.1611	18.2932	6.3	3.6	149	0.0f		6	3	164	0.15	0.37	kx	BUD	17001120	BUD			279
2021/04/30	08:37:47.91	0.98	0.52	46.1765	18.2926f				0.0f		6	3	155	0.16	0.35	kx	BUD_GT	17001121	BUD_GT			275
(locality : Komló Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD_GT	17001121

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	08:37:51.774	-0.0					T__		357.7			ML	1.3	6522064	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:37:54.233	-0.6					T__						6522063	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.25	80.9	Pg	08:37:53.637	0.2					T__	126.2				ML	1.1	6522062	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:37:57.419	-0.4					T__						6522066	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A266A	0.35	356.8	Pg	08:37:56.152	0.7					T__	207.5				ML	1.6	6522067	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A266A 0.35 356.8 Lg 08:38:00.789 -0.5 T\_\_ --- 6522065 FDSN Z3 00 BUD iLoc HHE ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/30	10:01:19.37	2.27	0.85	47.8132	19.1474	41.9	3.3	3	0.0f	7	4	208	0.09	0.51	sx	BUD	17001122	BUD				351

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	17001122

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.09	290.3	Pg	10:01:22.141	0.4					T__		1221.7		---	ML	1.6	6522090	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.09	290.3	Lg	10:01:23.191	-0.7					T__				---		6522093	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU03A	0.32	73.3	Pg	10:01:26.984	0.7					T__		105.7		---	ML	1.2	6522091	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	73.3	Lg	10:01:31.293	-0.3					T__				---		6522094	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
ET1H	0.49	82.0	Pg	10:01:30.038	0.0					T__		23.2		---	ML	1.0	6522092	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.49	82.0	Lg	10:01:37.589	-0.1					T__				---		6522095	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
PSZ	0.51	77.9	Lg	10:01:37.552	-1.3					T__				---		6522096	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/30	10:11:44.33	1.00	1.06	46.1044	18.0437	6.9	3.8	143	0.0f	9	5	121	0.04	1.12	sx	BUD	17001124	BUD					229

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	17001124

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.04	112.3	Pg	10:11:46.353	0.4					T__		2474.6		_c	ML	1.8	6522123	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.04	112.3	Lg	10:11:46.856	-0.6					T__				---		6522124	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
A273A	0.25	220.2	Pg	10:11:50.022	0.2					T__		547.9		---	ML	1.7	6522126	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.25	220.2	Lg	10:11:53.356	-0.3					T__				---		6522125	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
MORH	0.43	74.9	Pg	10:11:53.580	0.2					T__		47.4		---	ML	1.2	6522128	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.43	74.9	Lg	10:11:59.913	-0.5					T__				---		6522129	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
A266A	0.45	19.9	Pg	10:11:54.120	0.3					T__		189.9		---	ML	1.8	6522127	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
MPLH	1.12	342.1	Pn	10:12:06.096	-0.1					T__		84.8		---	ML	2.1	6522130	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.12	342.1	Sn	10:12:20.475	-2.4					T__				---		6522131	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1																									

(Station ML: 2.1 magdef=0)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/30	11:27:40.89	0.97	0.34	47.6865	16.0394	5.2	4.6	4	7.0f		6	3	133	0.17	0.56	ke	BUD	17001126	BUD			248

Magnitude	Err	Nsta	Author	OrigID
ML	0.5	0.4	3 BUD	17001126

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.17	85.6	Pg	11:27:44.961	0.2					T__		26.2		---	ML	0.2	6522240	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.17	85.6	Lg	11:27:47.270	-0.3					T__				---		6522241	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									
CONA	0.27	333.7	Pg	11:27:46.749	0.2					T__		28.4		---	ML	0.5	6522243	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	333.7	Lg	11:27:50.213	-0.3					T__				---		6522242	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
ARSA	0.56	218.9	Pg	11:27:51.592	-0.2					T__		27.3		---	ML	1.2	6522245	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.56	218.9	Lg	11:27:59.191	0.3					T__				---		6522244	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/30	13:22:38.45	0.99	0.40	47.6894	16.0317	5.1	4.0	17	5.8	17.1	13	8	127	0.18	1.39	ke	BUD	17001128	BUD			184

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	17001128

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.18	86.6	Pg	13:22:42.402	0.0					T__		60.6		---	ML	0.6	6522276	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.18	86.6	Lg	13:22:45.196	0.0					T__				---		6522277	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
CONA	0.27	334.4	Pg	13:22:44.041	0.0					T__		34.6		---	ML	0.6	6522279	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	334.4	Lg	13:22:47.468	-0.4					T__				---		6522278	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
SOP	0.36	90.8	Pg	13:22:45.773	0.1					T__		124.4		---	ML	1.4	6522280	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	0.56	218.3	Pg	13:22:49.312	-0.0					T__		41.6		---	ML	1.4	6522281	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.56	218.3	Lg	13:22:56.390	-0.0					T__				---		6522282	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A013A	0.56	311.9	Lg	13:22:57.275	0.5					T__				---		6522287	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A018A	0.65	275.2	Lg	13:22:59.101	-0.1					T__				---		6522288	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MODS	1.08	50.2	Pn	13:22:59.798	0.2					T__				---		6522284	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.08	50.2	Sn	13:23:14.587	-0.7					T__				---		6522283	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.39	9.9	Pn	13:23:03.524	-0.4					T__		23.8		---	ML	1.7	6522285	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.39	9.9	Sn	13:23:22.000	-0.5					T__				---		6522286	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/04/30	16:29:36.23	0.96	0.33	47.6828	16.0336	5.1	4.4	17	7.0f	8	5	134	0.18	1.40	ke	BUD	17001130	BUD				227

Magnitude	Err	Nsta	Author	OrigID
ML	0.4	0.4	3 BUD	17001130

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.18	84.5	Pg	16:29:40.370	0.1					T__		20.9		___	ML	0.1	6522316	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.18	84.5	Lg	16:29:42.829	-0.2					T__				___		6522317	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.1 magdef=1 (Station ML: 0.1 magdef=1																									
CONA	0.27	334.8	Pg	16:29:42.047	0.1					T__		21.9		___	ML	0.4	6522319	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	334.8	Lg	16:29:45.362	-0.5					T__				___		6522318	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1																									
ARSA	0.55	218.9	Pg	16:29:47.001	-0.0					T__		20.1		___	ML	1.1	6522320	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.55	218.9	Lg	16:29:54.042	-0.1					T__				___		6522321	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
A013A	0.57	312.3	Lg	16:29:55.159	0.4					T__				___		6522322	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.40	9.8	Sn	16:30:20.230	-0.0					T__				___		6522323	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/04/30	22:33:28.26	1.39	0.32	47.6894	16.0364	5.3	4.0	38	7.8	23.4	10	5	127	0.18	0.73	ke	BUD	17001134	BUD				243

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.7	5 BUD	17001134

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.18	86.5	Pg	22:33:32.445	0.2					T__		24.4		___	ML	0.2	6523756	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.18	86.5	Lg	22:33:34.568	-0.5					T__				___		6523757	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1 (Station ML: 0.2 magdef=0																									
CONA	0.27	333.8	Pg	22:33:34.196	0.3					T__		19.4		___	ML	0.3	6523759	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	333.8	Lg	22:33:37.586	-0.2					T__				___		6523758	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1 (Station ML: 0.3 magdef=1																									
SOP	0.35	90.8	Pg	22:33:35.500	-0.0					T__		31.0		___	ML	0.8	6523760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.35	90.8	Lg	22:33:40.715	0.3					T__				___		6523761	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
ARSA	0.56	218.6	Pg	22:33:39.088	-0.1					T__		29.1		___	ML	1.3	6523765	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.56	218.6	Lg	22:33:46.489	0.1					T__				___		6523762	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
A008A	0.73	339.4	Pg	22:33:42.205	-0.0					T__		20.6		___	ML	1.2	6523764	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.73	339.4	Lg	22:33:51.927	-0.3					T__				___		6523763	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/01	08:55:23.78	1.10	0.58	47.7931	16.1944	11.6	3.7	42	9.0f		8	5	137	0.12	1.28	ke	BUD	17001138	BUD			214

Magnitude	Err	Nsta	Author	OrigID
ML	0.3	0.1	3 BUD	17001138

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	143.6	Pg	08:55:26.918	0.1					T__		52.8		_c_	ML	0.3	6525872	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	143.6	Lg	08:55:28.873	-0.2					T__				---		6525873	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1 (Station ML: 0.3 magdef=1																									
CONA	0.26	301.3	Pg	08:55:29.413	-0.0					T__		17.7		---	ML	0.3	6525875	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	301.3	Lg	08:55:32.692	-0.6					T__				---		6525874	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1 (Station ML: 0.3 magdef=1																									
A013A	0.60	297.3	Pg	08:55:35.448	0.1					T__		36.1		---	ML	1.4	6525877	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.60	297.3	Lg	08:55:43.793	0.6					T__				---		6525876	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
ARSA	0.71	220.2	Lg	08:55:46.493	-0.1					T__				---		6525878	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.28	5.9	Sn	08:56:05.378	1.0					T__				---		6525879	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/05/01	11:14:41.85	1.02	0.76	47.7833	16.1745	4.7	3.9	26	14.6		8.8	15	8	84	0.12	1.29	ke	BUD	17001140	BUD			169

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.5	6 BUD	17001140

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	135.5	Pg	11:14:45.718	0.1					T__		289.9		---	ML	1.1	6525914	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	135.5	Lg	11:14:47.525	-0.7					T__				---		6525915	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
CONA	0.26	304.7	Pg	11:14:47.972	0.2					T__		75.8		---	ML	0.9	6525917	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	304.7	Lg	11:14:51.623	-0.2					T__				---		6525916	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
SOP	0.28	111.0	Pg	11:14:48.456	0.4					T__		58.5		---	ML	0.8	6525918	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	111.0	Lg	11:14:52.275	-0.0					T__				---		6525919	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0																									
A005B	0.59	2.0	Lg	11:15:02.538	0.6					T__				---		6525920	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
ARSA	0.69	219.9	Pg	11:14:55.087	-0.3					T__		122.3		---	ML	2.0	6525922	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	219.9	Lg	11:15:04.288	-0.0					T__				---		6525921	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																									
MODS	0.95	51.0	Pg	11:15:00.712	-0.1					T__				---		6525923	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

MODS	0.95	51.0	Lg	11:15:14.011	-0.7	T__									6525924	FDSN	SK	--	BUD	iLoc	HHE	???	_	
A006A	0.96	353.9	Pg	11:15:00.600	0.0	T__	56.7								1.8	6525926	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.96	353.9	Lg	11:15:13.415	-0.9	T__										6525925	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KRUC	1.29	6.5	Pn	11:15:05.853	1.1	T__	32.8								1.7	6525927	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.29	6.5	Sn	11:15:23.361	1.6	T__										6525928	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/01	21:43:57.21	0.96	0.91	45.8385	16.0037	9.9	6.9	53	3.1	12.6	59	30	83	0.02	2.90	ke	BUD	17001142	BUD			139

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.2	26 BUD	17001142

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ZAG	0.02	225.3	Pg	21:43:59.359	1.4					T__	167874.7			_d_	ML	3.6	6526208	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.02	225.3	Lg	21:44:00.390	1.7					T__						6526207	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.6 magdef=1)																									
(Station ML: 3.6 magdef=0)																									
PTJ	0.07	340.0	Pg	21:43:58.576	-0.6					T__	56083.1			_c_	ML	3.3	6526151	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.07	340.0	Lg	21:43:59.347	-1.6					T__						6526206	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=0)																									
CRES	0.38	268.3	Pg	21:44:04.835	0.1					T__	446.7			_	ML	2.0	6526152	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.38	268.3	Lg	21:44:10.150	-0.2					T__						6526209	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
KOGS	0.63	15.6	Pg	21:44:09.398	-0.3					T__	1619.9			_c_	ML	3.1	6526154	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.63	15.6	Lg	21:44:17.426	-0.5					T__						6526153	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
BEHE	0.83	40.1	Pg	21:44:13.496	-0.2					T__	1299.2			_	ML	3.1	6526155	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.83	40.1	Lg	21:44:24.587	0.0					T__						6526156	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.1 magdef=1)																									
(Station ML: 3.1 magdef=0)																									
A264A	0.95	69.8	Pn	21:44:16.168	-0.5					T__	584.3			_	ML	2.8	6526158	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.95	69.8	Sn	21:44:29.579	-1.2					T__						6526157	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
A262A	1.09	19.3	Pn	21:44:18.180	-0.5					T__	484.4			_	ML	2.8	6526159	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
OBKA	1.21	304.1	Pn	21:44:20.303	-0.9					T__	229.4			_	ML	2.5	6526160	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.21	304.1	Lg	21:44:35.502	-0.9					T__						6526161	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
A263A	1.21	48.1	Pn	21:44:19.521	-0.7					T__	345.7			_	ML	2.7	6526162	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	1.21	48.1	Sn	21:44:35.704	-1.3					T__						6526176	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									

A273A	1.27	85.8	Pn	21:44:20.639	-0.3	T__	298.3	___	ML	2.7	6526163	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	1.27	85.8	Lg	21:44:38.312	-0.1	T__		---			6526177	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A261A	1.37	35.0	Pn	21:44:21.793	-0.6	T__	236.1	___	ML	2.6	6526164	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	1.37	35.0	Pg	21:44:23.150	-0.2	T__		---			6526179	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
A261A	1.37	35.0	Sn	21:44:39.355	-1.3	T__		---			6526178	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
BLY	1.37	142.2	Pn	21:44:23.134	0.3	T__	168.8	___	ML	2.5	6526168	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.37	142.2	Lg	21:44:42.297	0.9	T__		---			6526182	FDSN	MN	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A265A	1.38	64.2	Pn	21:44:21.682	-0.7	T__	385.1	___	ML	2.9	6526165	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	1.38	64.2	Sn	21:44:40.100	-0.8	T__		---			6526180	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
ARSA	1.45	347.0	Pn	21:44:22.911	-1.0	T__	195.9	___	ML	2.6	6526166	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.45	347.0	Pg	21:44:24.715	0.4	T__		---			6526181	FDSN	OE	--	BUD	iLoc	HHZ	???	_
ARSA	1.45	347.0	Lg	21:44:41.947	-1.4	T__		---			6526167	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
KOVH	1.48	79.6	Pn	21:44:23.023	-0.9	T__	125.5	_c_	ML	2.4	6526169	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
TIH	1.68	50.3	Pn	21:44:25.705	-1.0	T__	315.0	___	ML	2.9	6526170	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	1.68	50.3	Pg	21:44:28.812	-0.3	T__		---			6526183	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
MPLH	1.70	38.0	Pn	21:44:27.158	0.1	T__	90.4	___	ML	2.4	6526171	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.70	38.0	Sn	21:44:49.450	0.5	T__		---			6526184	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
EGYH	1.83	29.6	Pn	21:44:28.871	0.1	T__	136.8	___	ML	2.7	6526172	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	1.83	29.6	Sn	21:44:52.132	0.3	T__		---			6526185	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
RONA	1.87	6.1	Pn	21:44:29.393	-0.3	T__	95.5	___	ML	2.5	6526173	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.87	6.1	Pg	21:44:32.314	-0.1	T__		---			6526186	FDSN	OE	--	BUD	iLoc	HHZ	???	_
RONA	1.87	6.1	Lg	21:44:57.422	-0.1	T__		---			6526187	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
MORH	1.88	77.5	Pn	21:44:28.201	-1.0	T__	118.5	___	ML	2.6	6526175	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
SOP	1.88	11.5	Pn	21:44:29.579	-0.1	T__	95.4	___	ML	2.5	6526174	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	1.88	11.5	Pg	21:44:32.389	-0.2	T__		---			6526189	FDSN	HU	--	BUD	iLoc	HHZ	???	_
SOP	1.88	11.5	Lg	21:44:57.347	-0.5	T__		---			6526188	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=1)																			
A018A	2.01	341.9	Pg	21:44:35.145	1.0	T__	106.3	___	ML	2.6	6526191	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	2.01	341.9	Lg	21:45:02.562	1.3	T__		---			6526190	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																			

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(Station ML: 2.6 magdef=1
HU08A 2.07 39.0 Pn 21:44:31.867 -0.2 T__ 58.5 ___ ML 2.4 6526193 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 2.07 39.0 Sn 21:44:57.422 -0.5 T__ ___ 6526192 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
CONA 2.09 357.4 Pn 21:44:32.612 -0.3 T__ 66.3 ___ ML 2.5 6526194 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 2.09 357.4 Pg 21:44:37.008 0.7 T__ ___ 6526197 FDSN OE -- BUD iLoc HHZ ??? _
CONA 2.09 357.4 Sn 21:44:58.837 -0.4 T__ ___ 6526195 FDSN OE -- BUD iLoc HHE ??? _
CONA 2.09 357.4 Lg 21:45:05.617 1.3 T__ ___ 6526196 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
HU22A 2.23 76.2 Pn 21:44:33.655 -0.4 T__ 191.7 ___ ML 3.0 6526198 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU22A 2.23 76.2 Lg 21:45:10.981 1.7 T__ ___ 6526199 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
A272A 2.24 65.1 Lg 21:45:11.577 1.6 T__ ___ 6526200 FDSN Z3 00 BUD iLoc HHE ??? _
A005B 2.54 3.0 Pg 21:44:45.427 1.0 T__ 118.0 ___ ML 3.0 6526202 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 2.54 3.0 Lg 21:45:19.773 1.5 T__ ___ 6526201 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
HU04A 2.60 66.7 Lg 21:45:21.635 0.0 T__ ___ 6526203 FDSN ZJ 00 BUD iLoc HHE ??? _
HU21A 2.64 77.9 Lg 21:45:24.764 1.9 T__ ___ 6526204 FDSN ZJ 00 BUD iLoc HHE ??? _
A006A 2.90 0.2 Lg 21:45:31.544 1.5 T__ ___ 6526205 FDSN Z3 00 BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/02 09:35:19.78 1.00 0.78 47.7662 16.1474 9.2 3.8 33 7.0f 6 4 173 0.12 0.72 ke BUD 17001148 BUD 269

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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 0.12 123.4 Pg 09:35:22.737 -0.0 T__ 80.3 ___ ML 0.5 6527228 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 123.4 Lg 09:35:24.786 -0.1 T__ ___ 6527227 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CONA 0.25 310.2 Pg 09:35:25.196 0.1 T__ 30.6 ___ ML 0.5 6527225 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 310.2 Lg 09:35:29.182 0.4 T__ ___ 6527226 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
ARSA 0.67 219.6 Lg 09:35:41.810 0.6 T__ ___ 6527230 FDSN OE -- BUD iLoc HHN ??? _
A018A 0.72 268.6 Lg 09:35:41.810 -1.2 T__ ___ 6527229 FDSN Z3 00 BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/02 13:15:11.54 0.88 0.33 47.7535 16.1573 6.0 3.3 31 9.0f 12 6 100 0.11 1.32 ke BUD 17001150 BUD 191

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Magnitude Err Nsta Author OrigID  
ML 1.1 0.5 6 BUD 17001150

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 119.8 Pg 13:15:14.700 0.2 T__ 108.3 _c_ ML 0.6 6527259 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 119.8 Lg 13:15:16.525 -0.1 T__ ___ 6527260 FDSN OE -- BUD iLoc HHN ??? _

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(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
CONA 0.26 311.4 Pg 13:15:17.494 0.3 T__ 41.2 ___ ML 0.7 6527262 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 311.4 Lg 13:15:21.405 0.2 T__ ___ 6527261 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.28 104.4 Pg 13:15:17.494 0.0 T__ 51.0 ___ ML 0.8 6527263 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 104.4 Lg 13:15:21.405 -0.1 T__ ___ 6527264 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
ARSA 0.66 220.7 Pg 13:15:24.050 -0.4 T__ 39.6 ___ ML 1.5 6527266 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.66 220.7 Lg 13:15:33.065 0.2 T__ ___ 6527265 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A008A 0.70 331.4 Pg 13:15:24.944 -0.1 T__ 34.5 ___ ML 1.4 6527267 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.70 331.4 Lg 13:15:34.033 -0.7 T__ ___ 6527268 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KRUC 1.32 6.8 Pn 13:15:35.747 0.2 T__ 18.9 ___ ML 1.5 6527270 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.32 6.8 Sn 13:15:53.106 -0.1 T__ ___ 6527269 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/02 18:49:35.75 1.18 0.32 47.7749 16.1791 6.5 3.7 36 9.1 13.2 13 7 103 0.11 1.30 ke BUD 17001152 BUD 165

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.6 6 BUD 17001152

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 133.5 Pg 18:49:38.737 0.0 T__ 59.3 _c_ ML 0.4 6528594 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 133.5 Lg 18:49:40.637 -0.2 T__ ___ 6528595 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=0
CONA 0.26 305.8 Pg 18:49:41.680 0.3 T__ 46.2 ___ ML 0.7 6528597 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 305.8 Lg 18:49:45.088 -0.2 T__ ___ 6528596 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SOP 0.27 109.6 Pg 18:49:41.624 0.1 T__ 44.7 ___ ML 0.7 6528598 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.27 109.6 Lg 18:49:45.573 0.1 T__ ___ 6528599 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A013A 0.59 299.3 Lg 18:49:55.424 0.3 T__ ___ 6528600 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.69 220.5 Pg 18:49:48.738 -0.4 T__ 37.5 ___ ML 1.5 6528603 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 220.5 Lg 18:49:58.162 0.3 T__ ___ 6528604 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A008A 0.69 329.5 Pg 18:49:48.961 -0.1 T__ 64.8 ___ ML 1.7 6528602 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.69 329.5 Lg 18:49:58.125 -0.5 T__ ___ 6528601 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
KRUC 1.30 6.3 Pn 18:49:59.839 0.4 T__ 25.7 ___ ML 1.6 6528606 FDSN CZ -- BUD iLoc HHZ HHZ _

```

KRUC 1.30 6.3 Sn 18:50:16.825 -0.0 T\_\_ --- 6528605 FDSN CZ -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/03	03:52:02.29	1.49	1.16	47.7537	16.3011	8.3	5.2	19	22.4	9.2	13	9	94	0.05	1.31	ke	BUD	17001154	BUD			166

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.2	4 BUD	17001154

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.05	183.5	Pg	03:52:06.993	0.4					T__		97.5		_d	ML	0.4	6529590	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.05	183.5	Lg	03:52:08.865	-0.8					T__				---		6529591	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1																									
SOP	0.19	112.0	Pg	03:52:07.663	-0.1					T__		53.7		---	ML	0.6	6529583	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.19	112.0	Lg	03:52:11.611	0.0					T__				---		6529582	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
A004A	0.22	17.1	Lg	03:52:13.121	0.9					T__				---		6529592	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CONA	0.34	300.7	Pg	03:52:10.717	0.5					T__		25.3		---	ML	0.7	6529584	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.34	300.7	Lg	03:52:14.293	-1.4					T__				---		6529585	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																									
A013A	0.68	297.6	Lg	03:52:24.985	0.2					T__				---		6529586	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
ARSA	0.73	226.6	Sn	03:52:28.972	2.1					T__				---		6529593	FDSN	OE	--	BUD	iLoc	HHE	???	_	
A008A	0.75	325.0	Pn	03:52:17.385	0.4					T__		65.9		---	ML	1.7	6529588	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.75	325.0	Lg	03:52:26.624	-0.9					T__				---		6529587	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
A018A	0.83	269.8	Sn	03:52:30.760	1.2					T__				---		6529594	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.31	2.7	Lg	03:52:44.691	-1.2					T__				---		6529589	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/04	07:28:21.81	0.92	0.72	48.4052	19.5266	6.3	3.5	13	0.0f		13	7	160	0.47	1.15	sx	BUD	17001158	BUD			285

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	6 BUD	17001158

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.47	281.2	Pg	07:28:31.878	0.4					T__		34.4		---	ML	1.1	6534238	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.47	281.2	Lg	07:28:37.503	-1.0					T__				---		6534239	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0																									
PSZ	0.55	153.0	Pg	07:28:34.076	0.5					T__		54.5		---	ML	1.5	6534241	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.55	153.0	Lg	07:28:41.489	-0.7					T__				---		6534240	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
ET1H	0.57	156.2	Lg	07:28:42.644	-0.1					T__				---		6534242	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.64	82.7	Pg	07:28:35.230	0.5					T__		114.4		---	ML	1.9	6534244	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

```

KECS 0.64 82.7 Lg 07:28:44.208 -0.2 T__ --- 6534243 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.68 82.0 Pg 07:28:35.566 0.2 T__ 43.1 --- ML 1.5 6534245 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 82.0 Lg 07:28:45.139 -0.5 T__ --- 6534246 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.72 112.6 Pg 07:28:36.907 0.0 T__ 41.2 --- ML 1.5 6534247 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.72 112.6 Lg 07:28:47.337 -0.9 T__ --- 6534248 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 1.15 94.8 Pn 07:28:45.177 1.2 T__ 60.2 --- ML 1.9 6534250 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.15 94.8 Sn 07:29:00.822 -0.7 T__ --- 6534249 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/04 07:32:46.28 3.60 1.09 48.1843 21.3105 22.0 9.9 132 0.0f 6 4 286 0.12 0.63 sx BUD 17001160 BUD 322

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.12 337.1 Pg 07:32:49.178 -0.1 T__ 509.6 --- ML 1.3 6534278 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.12 337.1 Lg 07:32:51.860 -0.1 T__ --- 6534277 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.53 263.6 Lg 07:33:04.451 -1.6 T__ --- 6534279 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.60 301.5 Pg 07:32:59.236 0.9 T__ 32.3 --- ML 1.3 6534281 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.60 301.5 Lg 07:33:07.581 0.0 T__ --- 6534280 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.63 298.8 Lg 07:33:07.953 -0.5 T__ --- 6534282 FDSN SK -- BUD iLoc EHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/04 10:24:04.73 1.00 0.35 47.3407 18.1795 7.1 3.5 55 3.0f 8 4 168 0.04 0.08 ke BUD 17001162 BUD 255

```

Magnitude Err Nsta Author OrigID  
ML 1.1 0.0 4 BUD 17001162

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MSW2 0.04 150.9 Pg 10:24:06.252 0.2 T__ 478.5 _c_ ML 1.1 6534379 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.04 150.9 Lg 10:24:07.173 -0.2 T__ --- 6534378 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW3 0.06 319.5 Pg 10:24:06.498 0.2 T__ 348.7 --- ML 1.0 6534383 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.06 319.5 Lg 10:24:07.263 -0.4 T__ --- 6534382 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CSKK 0.06 67.8 Pg 10:24:06.635 0.3 T__ 378.3 --- ML 1.0 6534380 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 67.8 Lg 10:24:07.716 -0.2 T__ --- 6534384 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.08 46.0 Pg 10:24:06.843 0.2 T__ 360.3 _d_ ML 1.1 6534381 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 46.0 Lg 10:24:08.072 -0.4 T__ --- 6534385 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/04 15:22:14.67 1.22 0.16 47.6995 16.0158 5.5 4.7 38 5.1 25.7 8 4 126 0.19 1.39 ke BUD 17001164 BUD 245

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.7 4 BUD 17001164

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.19 89.8 Pg 15:22:18.855 0.1 T__ 48.5 --- ML 0.5 6534439 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.19 89.8 Lg 15:22:21.537 -0.1 T__ --- 6534440 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CONA 0.25 335.7 Pg 15:22:20.009 0.1 T__ 41.9 --- ML 0.6 6534442 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.25 335.7 Lg 15:22:23.474 -0.1 T__ --- 6534441 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
ARSA 0.56 216.8 Pg 15:22:25.411 -0.2 T__ 51.3 --- ML 1.5 6534445 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.56 216.8 Lg 15:22:32.861 0.2 T__ --- 6534444 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 1.39 10.4 Pn 15:22:40.088 -0.0 T__ 36.3 --- ML 1.8 6534443 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.39 10.4 Sn 15:22:58.725 0.0 T__ --- 6534446 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/05 06:45:38.72 1.05 1.16 47.1130 18.0635 6.0 4.2 132 0.0f 11 9 127 0.21 1.03 sx BUD 17001166 BUD 164

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.21 27.9 Pg 06:45:44.013 0.4 T__ 107.4 --- ML 0.9 6536863 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.21 27.9 Lg 06:45:48.207 0.3 T__ --- 6536861 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.27 8.9 Lg 06:45:50.231 0.3 T__ --- 6536867 FDSN HU -- BUD iLoc HHE ??? _
CSKK 0.28 28.1 Lg 06:45:49.884 -0.5 T__ --- 6536862 FDSN HU -- BUD iLoc HHN ??? _
MSW1 0.31 25.4 Lg 06:45:51.162 -0.1 T__ --- 6536868 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.33 343.4 Lg 06:45:52.059 0.2 T__ --- 6536866 FDSN ZJ 00 BUD iLoc HHE ??? _
MPLH 0.36 279.3 Pg 06:45:47.142 0.6 T__ 88.4 --- ML 1.3 6536865 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.36 279.3 Lg 06:45:51.423 -1.1 T__ --- 6536869 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A338A 0.92 12.1 Lg 06:46:10.160 -2.5 T__ --- 6536870 FDSN Z3 00 BUD iLoc HH3 ??? _

```

MORH	0.98	155.8	Lg	06:46:12.917	0.2	T__	---	6536871	FDSN	HU	--	BUD	iLoc	HHE	???	_
KOVH	1.03	178.6	Lg	06:46:12.995	-1.5	T__	---	6536864	FDSN	HU	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/05	10:47:41.06	0.89	0.79	48.9268	19.8685	4.5	4.2	92	8.3	13.7	12	8	107	0.57	1.11	ke	BUD	17001168	BUD			211

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	17001168

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
NIE	0.57	29.7	Pg	10:47:51.519	-0.4					T__		24.9		---	ML	1.2	6537775	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.57	29.7	Lg	10:48:00.310	0.2					T__				---		6537776	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.60	137.1	Lg	10:48:02.390	0.4					T__				---		6537774	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.62	133.9	Pg	10:47:53.790	0.4					T__		35.0		---	ML	1.4	6537765	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.62	133.9	Lg	10:48:03.103	0.6					T__				---		6537766	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VVHS	0.81	238.0	Pg	10:47:57.007	-0.4					T__		15.2		---	ML	1.1	6537769	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.81	238.0	Lg	10:48:09.598	1.0					T__				---		6537770	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.92	151.3	Pn	10:47:59.317	0.0					T__		35.9		---	ML	1.6	6537767	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.92	151.3	Lg	10:48:12.504	-0.0					T__				---		6537768	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.01	179.0	Lg	10:48:15.538	-0.4					T__				---		6537771	FDSN	GE	--	BUD	iLoc	HHE	???	_	
ET1H	1.05	179.9	Lg	10:48:15.836	-0.9					T__				---		6537772	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A331A	1.11	282.3	Lg	10:48:18.295	1.4					T__				---		6537773	FDSN	Z3	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/05	11:41:04.57	1.07	0.75	47.9032	20.1391	8.3	3.2	153	0.0f		12	7	162	0.17	1.05	kx	BUD	17001170	BUD			212
2021/05/05	11:41:04.15	0.90	0.81	47.8650	20.1529f				0.0f		12	7	170	0.18	1.08	kx	BUD_GT	17001171	BUD_GT			230

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD_GT	17001171

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.18	287.2	Pg	11:41:09.178	0.6					T__		1000.5		---	ML	1.8	6537808	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	11:41:11.190	-1.1					T__				---		6537809	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ET1H	0.19	274.4	Pg	11:41:08.955	0.3					T__		520.5		---	ML	1.5	6537811	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	11:41:11.637	-0.5					T__				---		6537810	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.36	44.0	Pg	11:41:12.307	0.3					T__		158.8		---	ML	1.5	6537812	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

```

HU02A  0.36 44.0 Lg      11:41:16.927 -1.2      T__          ---          6537813      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A  0.37 276.2 Lg     11:41:19.087  0.8      T__          ---          6537814      FDSN ZJ      00 BUD      iLoc HHE ??? _
HU01A  0.63 214.9 Lg     11:41:28.475  0.8      T__          ---          6537817      FDSN ZJ      00 BUD      iLoc HHE ??? _
JOS    0.68 22.1 Pg       11:41:17.597 -0.2      T__          36.7         --- ML       1.4 6537815      FDSN ZJ      -- BUD      iLoc HHZ HHZ _
JOS    0.68 22.1 Lg       11:41:28.177 -0.1      T__          ---          6537816      FDSN ZJ      -- BUD      iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS   1.08 306.0 Pg     11:41:26.314  0.3      T__          13.2         --- ML       1.2 6537819      FDSN SK      -- BUD      iLoc HHZ HHZ _
VYHS   1.08 306.0 Lg     11:41:40.246 -1.6      T__          ---          6537818      FDSN SK      -- BUD      iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/05/05 14:38:10.19  1.29  0.71 47.7939  16.1485  7.3  3.3  31  7.5  16.4  13  7 165  0.14  1.28  ke BUD      17001172  BUD      187

```

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Magnitude Err Nsta Author      OrigID
ML      1.9 0.1  7 BUD      17001172

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA  0.14 133.3 Pg     14:38:13.588  0.1      T__          189.5      _d_ ML     1.0 6537910  FDSN OE      -- BUD      iLoc HHZ HHZ _
RONA  0.14 133.3 Lg     14:38:15.879  0.0      T__          ---          6537911  FDSN OE      -- BUD      iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CONA  0.24 305.0 Pg     14:38:15.134 -0.1      T__          62.6      --- ML     0.8 6537912  FDSN OE      -- BUD      iLoc HHZ HHZ _
CONA  0.24 305.0 Lg     14:38:18.431 -0.3      T__          ---          6537913  FDSN OE      -- BUD      iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
AO04A 0.24 44.6 Pg       14:38:14.985 -0.2      T__          808.2     --- ML     1.9 6537917  FDSN Z3      00 BUD      iLoc HHZ HHZ _
AO04A 0.24 44.6 Lg     14:38:19.492  0.9      T__          ---          6537916  FDSN Z3      00 BUD      iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
SOP    0.30 111.7 Pg     14:38:16.475  0.1      T__          85.3      --- ML     1.1 6537914  FDSN HU      -- BUD      iLoc HHZ HHZ _
SOP    0.30 111.7 Lg     14:38:20.163 -0.5      T__          ---          6537915  FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
AO13A 0.57 298.7 Pg     14:38:22.249  1.0      T__          225.3     --- ML     2.2 6537918  FDSN Z3      00 BUD      iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
AO08A 0.66 330.1 Pg     14:38:22.752 -0.2      T__          117.3     --- ML     1.9 6537919  FDSN Z3      00 BUD      iLoc HHZ HHZ _
AO08A 0.66 330.1 Lg     14:38:31.972 -0.1      T__          ---          6537920  FDSN Z3      00 BUD      iLoc HH2 ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC   1.28  7.3 Pn       14:38:33.071 -0.8      T__          52.1      --- ML     1.9 6537922  FDSN CZ      -- BUD      iLoc HHZ HHZ _
KRUC   1.28  7.3 Sn       14:38:49.871 -1.3      T__          ---          6537921  FDSN CZ      -- BUD      iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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

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2021/05/05 19:32:55.75 0.78 0.67 47.0858 17.5676 3.0 2.5 147 4.5 11.0 34 19 45 0.09 1.65 ke BUD 17001174 BUD 81

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 17 BUD 17001174

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MPLH 0.09 347.2 Pg 19:32:57.824 -0.1 T__ 1362.5 _c ML 1.7 6538250 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.09 347.2 Lg 19:32:59.752 -0.1 T__ --- 6538251 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TIH 0.29 129.7 Pg 19:33:01.633 -0.1 T__ 600.1 --- ML 1.9 6538256 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A261A 0.32 245.1 Pg 19:33:01.596 -0.7 T__ 404.3 --- ML 1.8 6538253 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.32 245.1 Lg 19:33:07.091 0.1 T__ --- 6538252 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
EGYH 0.37 334.2 Pg 19:33:03.366 0.0 T__ 138.8 --- ML 1.5 6538254 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.37 334.2 Lg 19:33:09.400 0.5 T__ --- 6538255 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU08A 0.42 34.9 Pg 19:33:04.684 0.4 T__ 194.7 --- ML 1.8 6538273 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.42 34.9 Lg 19:33:11.691 0.6 T__ --- 6538259 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A263A 0.48 201.4 Pg 19:33:05.247 -0.2 T__ 201.5 --- ML 1.9 6538257 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 0.48 201.4 Lg 19:33:12.753 0.6 T__ --- 6538258 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW3 0.48 51.8 Lg 19:33:12.910 -0.4 T__ --- 6538279 FDSN HU -- BUD iLoc HHE ??? _
MSW2 0.49 63.5 Pg 19:33:05.398 -0.2 T__ 58.7 --- ML 1.4 6538280 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.49 63.5 Lg 19:33:13.373 -0.2 T__ --- 6538282 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
CSKK 0.55 59.3 Pg 19:33:07.333 0.6 T__ 70.9 --- ML 1.7 6538264 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.55 59.3 Lg 19:33:14.981 -0.7 T__ --- 6538274 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW1 0.56 56.6 Pg 19:33:07.073 0.1 T__ 53.9 --- ML 1.5 6538281 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.56 56.6 Lg 19:33:15.146 -1.0 T__ --- 6538283 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A260A 0.62 288.9 Pg 19:33:08.115 -0.0 T__ 142.5 --- ML 2.0 6538261 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.62 288.9 Lg 19:33:17.465 1.0 T__ --- 6538260 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A267A 0.64 102.2 Pg 19:33:09.419 1.0 T__ 79.0 --- ML 1.8 6538266 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.64 102.2 Lg 19:33:17.967 -0.6 T__ --- 6538275 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A265A 0.68 166.6 Pn 19:33:11.095 0.4 T__ 208.6 --- ML 2.2 6538265 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.68 166.6 Lg 19:33:19.425 0.7 T__ --- 6538267 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1

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(Station ML: 2.2 magdef=0
A262A 0.75 253.1 Pn 19:33:11.580 -0.2 T__ 139.3 --- ML 2.1 6538262 FDSN Z3 00 BUD iLoc HHZ HHZ _
A262A 0.75 253.1 Sn 19:33:22.196 -1.3 T__ --- 6538263 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU09A 0.78 44.7 Pg 19:33:11.459 0.2 T__ 92.8 --- ML 1.9 6538276 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.78 44.7 Lg 19:33:23.522 -0.3 T__ --- 6538268 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BEHE 0.82 221.8 Sn 19:33:24.491 -1.0 T__ --- 6538269 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.06 159.6 Pg 19:33:17.152 0.5 T__ 35.9 --- ML 1.6 6538270 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.06 159.6 Sn 19:33:31.383 0.1 T__ --- 6538271 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.14 139.2 Pg 19:33:17.789 -0.3 T__ 20.9 --- ML 1.5 6538277 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
VYHS 1.65 30.8 Pg 19:33:26.465 -1.6 T__ 13.0 --- ML 1.5 6538272 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.65 30.8 Sn 19:33:47.564 0.9 T__ --- 6538278 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/06 09:00:18.72 1.31 1.11 47.2254 18.2862 11.1 6.2 78 0.0f 9 6 172 0.09 1.14 sx BUD 17001176 BUD 192

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Magnitude Err Nsta Author OrigID
ML 1.0 0.1 3 BUD 17001176

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MSW2 0.09 326.3 Pg 09:00:22.049 0.8 T__ 451.6 --- ML 1.2 6538897 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 326.3 Lg 09:00:23.126 -0.6 T__ --- 6538898 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.14 352.8 Pg 09:00:22.987 0.8 T__ 208.5 --- ML 1.0 6538902 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.14 352.8 Lg 09:00:24.620 -0.7 T__ --- 6538901 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.17 353.7 Pg 09:00:23.300 0.6 T__ 154.9 --- ML 1.0 6538903 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.17 353.7 Lg 09:00:25.141 -1.2 T__ --- 6538904 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW3 0.19 325.4 Lg 09:00:25.732 -1.3 T__ --- 6538905 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.04 166.2 Lg 09:00:53.387 -1.2 T__ --- 6538899 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.14 186.5 Sn 09:00:57.764 -0.3 T__ --- 6538900 FDSN HU -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/06 10:42:47.15 1.00 0.84 47.3688 18.3767 6.7 4.2 153 0.0f 16 10 95 0.08 1.30 sx BUD 17001178 BUD 134

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 6 BUD 17001178

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.08	265.9	Pg	10:42:49.688	0.3					T__		2071.9		___	ML	1.8	6539027	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	265.9	Lg	10:42:50.508	-1.2					T__				---		6539028	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW1	0.08	286.8	Pg	10:42:50.329	0.9					T__		2956.1		___	ML	2.0	6539039	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	286.8	Lg	10:42:51.320	-0.5					T__				---		6539040	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
MSW2	0.13	239.5	Pg	10:42:51.178	0.8					T__		258.7		___	ML	1.1	6539042	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.13	239.5	Lg	10:42:52.452	-1.0					T__				---		6539041	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU08A	0.31	281.7	Lg	10:42:58.852	-0.7					T__				---		6539029	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
BUD	0.45	75.1	Lg	10:43:03.695	-0.9					T__				---		6539030	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ET1H	1.13	62.7	Pn	10:43:09.864	0.7					T__		23.2		___	ML	1.5	6539038	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.13	62.7	Sn	10:43:26.106	-0.5					T__				---		6539037	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	1.16	61.3	Pn	10:43:09.655	-0.1					T__		57.4		___	ML	1.9	6539033	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	61.3	Sn	10:43:26.940	-0.9					T__				---		6539032	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
VYHS	1.17	15.2	Pn	10:43:10.549	0.7					T__		14.7		___	ML	1.3	6539034	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	15.2	Lg	10:43:27.014	-0.8					T__				---		6539035	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	1.17	170.9	Sn	10:43:26.046	-1.1					T__				---		6539031	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.30	188.6	Sn	10:43:30.218	-0.0					T__				---		6539036	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/08	10:03:34.24	0.93	0.96	46.1191	17.0452	5.8	3.8	179	5.0f		15	10	144	0.17	1.15	ke	BUD	17001182	BUD			162

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	17001182

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A264A	0.17	76.5	Pg	10:03:36.947	-1.2					T__		220.1		_c_	ML	1.1	6543297	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.17	76.5	Lg	10:03:40.486	-0.4					T__				---		6543303	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
A263A	0.55	19.6	Pg	10:03:45.384	-0.0					T__		311.1		___	ML	2.3	6543299	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.55	19.6	Lg	10:03:54.101	1.0					T__				---		6543300	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
A273A	0.57	110.4	Pg	10:03:45.925	0.1					T__		173.1		___	ML	2.1	6543304	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.57	110.4	Lg	10:03:55.498	2.1					T__				---		6543298	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A265A	0.60	59.3	Lg	10:03:56.250	1.5					T__				---		6543309	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
KOGS	0.64	301.1	Lg	10:03:55.505	0.3					T__				---		6543310	FDSN	SL	--	BUD	iLoc	BHE	???	_	

KOVH	0.73	92.0	Lg	10:03:58.814	-0.1	T__								6543305	FDSN	HU	--	BUD	iLoc	HNN	???	_			
PTJ	0.78	254.6	Pg	10:03:49.631	-0.1	T__	72.1							---	ML	1.8	6543301	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.78	254.6	Lg	10:03:59.677	-1.1	T__								---		6543311	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A261A	0.84	4.9	Lg	10:04:02.427	0.2	T__								---		6543306	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A266A	0.94	63.9	Lg	10:04:05.780	0.4	T__								---		6543307	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CRES	1.15	255.7	Pg	10:03:55.882	0.0	T__	55.3							---	ML	1.9	6543308	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.15	255.7	Sn	10:04:12.206	-0.0	T__								---		6543302	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/08	18:34:21.31	1.23	0.25	47.7662	16.1979	7.8	3.7	29	8.8	11.7	10	6	139	0.09	0.71	ke	BUD	17001188	BUD			166

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.3	4 BUD	17001188

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
RONA	0.09	135.0	Pg	18:34:24.072	0.0					T__		47.3			---	ML	0.2	6543519	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.09	135.0	Lg	18:34:25.823	-0.2					T__					---		6543520	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.2 magdef=1)																										
(Station ML: 0.2 magdef=1)																										
SOP	0.26	108.7	Pg	18:34:26.866	0.1					T__		43.4			---	ML	0.7	6543523	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	108.7	Lg	18:34:30.522	-0.0					T__					---		6543527	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.7 magdef=1)																										
(Station ML: 0.7 magdef=1)																										
CONA	0.28	305.7	Pg	18:34:27.164	-0.1					T__		40.2			---	ML	0.7	6543522	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	305.7	Lg	18:34:31.746	0.4					T__					---		6543521	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.7 magdef=1)																										
(Station ML: 0.7 magdef=1)																										
A013A	0.61	299.5	Pg	18:34:33.199	-0.0					T__		55.8			---	ML	1.6	6543524	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.61	299.5	Lg	18:34:41.320	0.1					T__					---		6543525	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
ARSA	0.69	221.8	Lg	18:34:43.406	-0.1					T__					---		6543526	FDSN	OE	--	BUD	iLoc	HNN	???	_	
A008A	0.71	328.9	Lg	18:34:44.249	-0.3					T__					---		6543528	FDSN	Z3	00	BUD	iLoc	HH3	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/10	07:30:57.80	1.10	1.07	47.0720	18.0468	6.3	4.4	74	0.0f		9	8	108	0.26	0.98	sx	BUD	17001194	BUD			169

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW2	0.26	25.9	Lg	07:31:08.038	-0.4					T__					---		6544500	FDSN	HU	--	BUD	iLoc	HHE	???	_
A267A	0.32	112.7	Lg	07:31:09.647	-0.9					T__					---		6544493	FDSN	Z3	00	BUD	iLoc	HHE	???	_
CSKK	0.33	26.5	Lg	07:31:10.392	-0.5					T__					---		6544494	FDSN	HU	--	BUD	iLoc	HHE	???	_
MSW1	0.35	24.2	Lg	07:31:11.370	-0.4					T__					---		6544501	FDSN	HU	--	BUD	iLoc	HHE	???	_
MPLH	0.36	286.0	Lg	07:31:10.877	-0.7					T__					---		6544495	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU08A	0.37	346.9	Lg	07:31:11.659	-0.5					T__					---		6544496	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

MORH	0.95	154.2	Pg	07:31:17.961	1.2	T__	22.3	___	ML	1.4	6544499	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.95	154.2	Lg	07:31:29.447	-1.3	T__		---			6544497	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
KOVH	0.98	177.8	Lg	07:31:30.937	-1.3	T__		---			6544498	FDSN	HU	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/10	09:56:41.92	1.02	0.57	47.3193	18.2169	7.7	2.8	102	0.0f		7	5	159	0.02	0.23	sx	BUD	17001196	BUD			265

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.02	193.6	Pg	09:56:42.876	0.2					T__		404.7		---	ML	1.0	6544638	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.02	193.6	Lg	09:56:43.675	-0.1					T__				---		6544637	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CSKK	0.05	34.0	Pg	09:56:43.987	0.3					T__		263.4		---	ML	0.9	6544639	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.05	34.0	Lg	09:56:45.342	-0.2					T__				---		6544640	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MSW1	0.08	21.2	Lg	09:56:45.551	-0.9					T__				---		6544641	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW3	0.09	316.0	Lg	09:56:46.871	0.2					T__				---		6544642	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.23	299.5	Lg	09:56:50.901	-0.5					T__				---		6544643	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/10	10:00:21.55	1.20	1.11	48.1276	16.9779	12.4	5.2	136	0.0f		6	5	188	0.32	1.01	sx	BUD	17001198	BUD			216

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.32	39.0	Pg	10:00:28.903	0.4					T__				---		6544661	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	39.0	Lg	10:00:33.001	-1.0					T__				---		6544662	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.63	227.2	Lg	10:00:41.718	-0.8					T__				---		6544663	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.78	255.5	Lg	10:00:47.231	0.1					T__				---		6544664	FDSN	OE	--	BUD	iLoc	HHE	???	_	
JAVC	0.87	31.9	Pn	10:00:41.867	1.2					T__		53.3		---	ML	1.7	6544665	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
KRUC	1.01	337.7	Lg	10:00:55.427	-0.5					T__				---		6544666	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/10	13:51:52.16	1.25	0.91	47.6114	16.3960	8.9	5.2	168	0.0f		11	6	182	0.11	0.90	sx	BUD	17001200	BUD			276

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	5 BUD	17001200

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	322.7	Pg	13:51:54.061	-0.7					T__		1348.0		_c_	ML	1.7	6544741	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	322.7	Lg	13:51:56.110	-0.6					T__				---		6544742	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									

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(Station ML: 1.7 magdef=1
SOP 0.13 56.7 Pg 13:51:55.103 -0.1 T__ 212.0 --- ML 1.0 6544748 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.13 56.7 Lg 13:51:58.419 1.0 T__ --- 6544745 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
CONA 0.48 311.5 Pg 13:52:01.697 -0.1 T__ 94.9 --- ML 1.6 6544744 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.48 311.5 Lg 13:52:07.956 -0.3 T__ --- 6544743 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ARSA 0.69 239.0 Lg 13:52:13.469 -0.9 T__ --- 6544747 FDSN OE -- BUD iLoc HHN ??? _
AO13A 0.81 304.5 Pg 13:52:07.992 0.3 T__ 131.4 --- ML 2.1 6544749 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO13A 0.81 304.5 Lg 13:52:18.833 0.7 T__ --- 6544746 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
AO18A 0.90 278.9 Pg 13:52:10.674 1.0 T__ 206.5 --- ML 2.3 6544750 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO18A 0.90 278.9 Lg 13:52:22.446 1.5 T__ --- 6544751 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/11 00:39:50.54 1.24 0.46 45.6953 21.3360 14.8 4.8 135 15.7 20.9 7 4 177 0.21 1.06 ke BUD 17001204 BUD 269

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Magnitude Err Nsta Author OrigID
ML 1.1 1.0 3 BUD 17001204

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BZS 0.21 111.7 Pg 00:39:55.562 -0.0 T__ 35.9 --- ML 0.4 6544995 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.21 111.7 Lg 00:39:59.064 -0.2 T__ --- 6544996 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
BANR 0.34 204.3 Pg 00:39:57.425 -0.3 T__ 1260.2 --- ML 2.4 6544998 FDSN RO -- BUD iLoc HHZ HHZ _
BANR 0.34 204.3 Lg 00:40:03.683 0.6 T__ --- 6544997 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
SIRR 0.62 21.4 Pn 00:40:03.764 0.2 T__ 17.9 --- ML 1.1 6544999 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.62 21.4 Lg 00:40:11.804 0.1 T__ --- 6544994 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
GZR 1.06 106.1 Sn 00:40:25.445 0.4 T__ --- 6545000 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/11 07:53:52.29 1.30 0.45 47.9292 20.0776 12.4 3.3 150 0.0f 9 6 193 0.12 1.00 sx BUD 17001208 BUD 221

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17001208

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.12 265.0 Pg 07:53:55.918 0.3 T__ 744.2 _c_ ML 1.5 6545094 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 265.0 Lg 07:53:58.227 -0.2 T__ --- 6545095 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1

```

```

(Station ML: 1.5 magdef=1
ET1H 0.15 250.2 Pg 07:53:55.918 0.0 T__ 551.8 --- ML 1.5 6545096 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.15 250.2 Lg 07:53:58.512 -0.3 T__ --- 6545098 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.36 57.1 Pg 07:53:59.978 -0.1 T__ 106.7 --- ML 1.3 6545097 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.62 26.1 Lg 07:54:14.475 0.3 T__ --- 6545099 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.65 28.4 Pg 07:54:05.851 0.6 T__ 51.7 --- ML 1.6 6545101 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 28.4 Lg 07:54:14.735 -0.4 T__ --- 6545100 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.00 304.7 Lg 07:54:26.619 -0.6 T__ --- 6545102 FDSN SK -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/11	08:25:57.73	1.07	1.03	47.3631	18.3870	5.7	3.4	123	0.0f	15	11	108	0.09	1.17	sx	BUD	17001210	BUD				110

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	17001210

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	270.1	Pg	08:26:00.837	0.7					T__		2414.2		---	ML	1.9	6545176	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	270.1	Lg	08:26:02.104	-0.4					T__				---		6545177	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
MSW1	0.09	289.0	Lg	08:26:02.101	-0.6					T__				---		6545185	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.13	243.1	Pg	08:26:01.777	0.7					T__	451.0			---	ML	1.3	6545187	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.13	243.1	Lg	08:26:03.378	-0.7					T__				---		6545186	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
MSW3	0.18	276.5	Pg	08:26:02.658	0.8					T__	590.5			---	ML	1.6	6545188	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.18	276.5	Lg	08:26:04.793	-0.8					T__				---		6545189	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU09A	0.28	359.4	Pg	08:26:04.677	0.9					T__	447.4			---	ML	1.7	6545190	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.28	359.4	Lg	08:26:07.766	-1.2					T__				---		6545178	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
HU08A	0.32	282.4	Lg	08:26:09.033	-1.4					T__				---		6545179	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.42	171.1	Lg	08:26:12.758	-1.0					T__				---		6545180	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
ET1H	1.13	62.2	Sn	08:26:35.779	-1.3					T__				---		6545181	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.16	60.9	Sn	08:26:37.269	-1.1					T__				---		6545182	FDSN	GE	--	BUD	iLoc	HHE	???	_	
MORH	1.16	171.2	Sn	08:26:37.344	-0.2					T__				---		6545184	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.17	14.8	Lg	08:26:37.344	-1.2					T__				---		6545183	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/11	08:55:31.89	0.99	0.33	46.1175	18.0599	5.7	3.7	129	0.0f	8	4	158	0.04	0.43	kx	BUD	17001212	BUD				242
2021/05/11	08:55:31.67	0.95	0.55	46.1204	18.0243f				0.0f	8	4	166	0.06	0.44	kx	BUD_GT	17001213	BUD_GT				260

(locality : Bükkösd Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.2 4 BUD\_GT 17001213

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.06	121.4	Pg	08:55:33.316	-0.3					T__		1422.2		_c_	ML	1.6	6545244	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:55:34.880	-0.6					T__				---		6545245	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A273A	0.25	215.5	Pg	08:55:37.488	0.3					T__		567.0		---	ML	1.7	6545246	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.25	215.5	Lg	08:55:42.331	1.2					T__				---		6545247	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A266A	0.44	22.3	Pg	08:55:41.027	0.1					T__		272.3		---	ML	2.0	6545249	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.44	22.3	Lg	08:55:47.844	-0.2					T__				---		6545248	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	0.44	77.4	Pg	08:55:40.617	-0.3					T__		39.1		---	ML	1.1	6545251	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:55:47.844	-0.2					T__				---		6545250	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/05/11 10:12:36.93 1.48 1.01 47.5584 18.3832 17.4 3.8 108 4.4 22.0 10 6 185 0.08 0.98 ke BUD 17001214 BUD 203

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.2 5 BUD 17001214

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.08	359.6	Pg	10:12:39.459	0.5					T__		1083.3		---	ML	1.6	6545333	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.08	359.6	Lg	10:12:40.154	-0.6					T__				---		6545334	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
MSW1	0.19	207.0	Pg	10:12:41.203	0.2					T__		277.4		---	ML	1.3	6545341	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.19	207.0	Lg	10:12:45.191	0.7					T__				---		6545335	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
CSKK	0.21	203.1	Pg	10:12:41.891	0.4					T__		314.6		---	ML	1.4	6545336	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.21	203.1	Lg	10:12:43.948	-1.4					T__				---		6545338	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW3	0.25	224.9	Pg	10:12:42.489	0.4					T__		122.6		---	ML	1.1	6545339	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW2	0.28	204.6	Pg	10:12:43.558	0.8					T__		56.0		---	ML	0.8	6545337	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.28	204.6	Lg	10:12:46.588	-1.1					T__				---		6545340	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
VYHS	0.98	17.8	Lg	10:13:10.005	-0.9					T__				---		6545342	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/11	13:27:29.73	1.91	0.54	47.8917	20.1459	21.0	3.7	157	0.0f	8	4	218	0.17	0.66	sx	BUD	17001216	BUD				242

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	17001216

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.17	279.1	Pg	13:27:34.439	0.4					T__		476.7		___	ML	1.5	6545427	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.17	279.1	Lg	13:27:36.749	-0.7					T__				---		6545428	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
ET1H	0.19	266.2	Pg	13:27:34.402	0.3					T__		409.0		___	ML	1.4	6545430	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	266.2	Lg	13:27:36.823	-0.7					T__				---		6545429	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU02A	0.34	47.7	Pg	13:27:37.301	0.0					T__		74.6		___	ML	1.1	6545424	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.34	47.7	Lg	13:27:42.963	-0.2					T__				---		6545425	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
JOS	0.66	23.4	Pg	13:27:43.261	0.3					T__		44.7		___	ML	1.5	6545426	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	23.4	Lg	13:27:53.102	0.1					T__				---		6545431	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/05/13	21:06:51.78	1.44	0.56	47.4005	18.1771	6.1	3.2	11	7.2	7.9	10	5	177	0.04	0.17	ke	BUD	17001220	BUD				214

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	5 BUD	17001220

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW3	0.04	243.3	Pg	21:06:53.968	0.5					T__		674.4		_d	ML	1.2	6557061	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.04	243.3	Lg	21:06:54.697	-0.4					T__				---		6557062	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=0)																					
MSW1	0.06	97.8	Pg	21:06:54.102	0.3					T__		470.3		_d	ML	1.1	6557065	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.06	97.8	Lg	21:06:54.975	-0.6					T__				---		6557063	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
CSKK	0.07	123.4	Pg	21:06:54.430	0.5					T__		134.0		___	ML	0.6	6557066	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	123.4	Lg	21:06:55.322	-0.6					T__				---		6557067	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.6 magdef=1)																					
				(Station ML: 0.6 magdef=1)																					
MSW2	0.10	166.8	Pg	21:06:54.726	0.3					T__		250.5		___	ML	1.0	6557068	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.10	166.8	Lg	21:06:56.395	-0.4					T__				---		6557069	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
HU08A	0.17	280.2	Pg	21:06:55.934	0.2					T__		48.1		___	ML	0.5	6557070	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.17	280.2	Lg	21:06:58.601	-0.4					T__				---		6557064	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.5 magdef=1)																					
				(Station ML: 0.5 magdef=0)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/14	18:18:49.80	3.22	0.67	48.4509	17.6598	18.6	14.5	69	7.0f	10	5	325	0.27	1.31	ke	BUD	17001226	BUD				337

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	3 BUD	17001226

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.27	253.3	Pg	18:18:55.425	-0.1					T__					6563319	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.27	253.3	Lg	18:18:59.858	-0.2					T__					6563320	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.45	235.8	Pg	18:18:59.038	0.0					T__					6563322	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.45	235.8	Lg	18:19:05.669	-0.3					T__					6563321	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A005B	0.97	265.9	Pg	18:19:08.240	-0.4					T__	111.1			ML	2.1	6563323	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.97	265.9	Lg	18:19:23.066	0.8					T__					6563324	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
RONA	1.18	231.1	Pn	18:19:13.529	1.4					T__		33.8		ML	1.7	6563325	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.18	231.1	Sn	18:19:29.100	0.3					T__					6563326	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
CONA	1.31	247.2	Pn	18:19:13.604	-0.5					T__		35.2		ML	1.8	6563328	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.31	247.2	Sn	18:19:32.230	0.1					T__					6563327	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/15	08:29:25.71	1.02	0.51	46.1510	18.3078	6.6	3.6	152	0.0f	6	3	172	0.16	0.38	kx	BUD	17001228	BUD				280
2021/05/15	08:29:25.85	0.98	0.50	46.1765	18.2926f				0.0f	6	3	155	0.16	0.35	kx	BUD_GT	17001229	BUD_GT				275

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD_GT	17001229

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.16	236.7	Pg	08:29:29.700	-0.0					T__		536.0		_c_ ML	1.5	6564249	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:29:32.307	-0.5					T__					6564250	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
MORH	0.25	80.9	Pg	08:29:31.339	-0.0					T__		226.6		ML	1.3	6564252	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:29:35.064	-0.7					T__					6564251	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
A266A	0.35	356.8	Pg	08:29:34.096	0.7					T__		264.4		ML	1.7	6564253	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.35	356.8	Lg	08:29:39.385	0.1					T__					6564254	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/15	18:19:49.87	1.06	1.17	45.5642	16.0479	7.2	4.8	48	5.0f	22	14	167	0.27	1.93	ke	BUD	17001234	BUD				229

Magnitude Err Nsta Author OrigID  
 ML 2.2 0.3 8 BUD 17001234

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZAG	0.27	350.8	Pg	18:19:55.115	-0.2					T__		2924.1		---	ML	2.5 6564750	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.27	350.8	Lg	18:19:59.250	0.1					T__				---		6564751	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.5 magdef=1)																								
(Station ML: 2.5 magdef=1)																								
PTJ	0.35	350.8	Pg	18:19:55.935	-1.2					T__		401.6		---	ML	1.9 6564753	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.35	350.8	Lg	18:20:00.815	-1.6					T__				---		6564752	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
CRES	0.49	302.5	Pg	18:19:59.506	0.1					T__		140.8		_c_	ML	1.8 6564761	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.49	302.5	Lg	18:20:07.185	0.5					T__				---		6564754	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
KOGS	0.90	9.0	Pg	18:20:07.739	0.5					T__		180.8		_c_	ML	2.3 6564762	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.90	9.0	Lg	18:20:20.596	1.7					T__				---		6564755	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=1)																								
BEHE	1.04	29.0	Pg	18:20:10.458	0.5					T__		699.0		_c_	ML	2.9 6564763	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.04	29.0	Lg	18:20:25.177	1.3					T__				---		6564757	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.9 magdef=1)																								
(Station ML: 2.9 magdef=0)																								
A264A	1.05	55.1	Lg	18:20:24.800	0.2					T__				---		6564764	FDSN	Z3	00	BUD	iLoc	HHN	???	_
BLY	1.14	135.0	Pg	18:20:10.873	-0.5					T__		206.2		---	ML	2.5 6564756	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.14	135.0	Lg	18:20:26.439	-0.6					T__				---		6564765	FDSN	MN	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																								
(Station ML: 2.5 magdef=1)																								
A273A	1.29	73.5	Sn	18:20:31.622	0.4					T__				---		6564758	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A263A	1.39	38.9	Sn	18:20:34.783	1.1					T__				---		6564766	FDSN	Z3	00	BUD	iLoc	HHN	???	_
OBKA	1.41	312.7	Pg	18:20:16.423	0.5					T__		77.2		---	ML	2.2 6564759	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.41	312.7	Sn	18:20:35.752	0.3					T__				---		6564767	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
A265A	1.49	54.1	Lg	18:20:37.731	-0.4					T__				---		6564760	FDSN	Z3	00	BUD	iLoc	HHE	???	_
KOVH	1.53	69.2	Sn	18:20:37.577	0.4					T__				---		6564768	FDSN	HU	--	BUD	iLoc	HHE	???	_
ARSA	1.73	348.0	Sn	18:20:44.022	1.9					T__				---		6564769	FDSN	OE	--	BUD	iLoc	HHE	???	_
MORH	1.93	69.3	Pn	18:20:24.129	1.7					T__		30.2		---	ML	2.1 6564771	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.93	69.3	Sn	18:20:49.386	2.6					T__				---		6564770	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/05/16 05:40:31.41 1.04 0.58 46.6283 22.5149 13.1 5.6 133 5.6 12.8 11 7 132 0.21 1.50 ke BUD 17001240 BUD 172

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 5 BUD 17001240

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.21	39.5	Pg	05:40:36.283	0.3					T__		553.4		_d_	ML	1.6 6567137	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

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DRGR  0.21 39.5 Lg      05:40:39.077 -0.8      T__          ---          6567138      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
SIRR  0.69 238.9 Pg     05:40:45.503  0.1      T__          54.9      --- ML      1.6 6567143      FDSN RO      -- BUD  iLoc  HHZ HHZ _
SIRR  0.69 238.9 Lg     05:40:54.595 -0.8      T__          ---          6567144      FDSN RO      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU24A 0.97 287.3 Pn     05:40:51.016  0.7      T__          136.4     --- ML      2.2 6567139      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU24A 0.97 287.3 Lg     05:41:04.650  0.2      T__          ---          6567140      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
BZS   1.19 212.0 Pn     05:40:54.108  0.5      T__          21.2     --- ML      1.5 6567142      FDSN RO      -- BUD  iLoc  HHZ HHZ _
BZS   1.19 212.0 Lg     05:41:09.940 -0.2     T__          ---          6567141      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
BMR   1.24 32.3 Lg      05:41:12.476 -0.3     T__          ---          6567146      FDSN RO      -- BUD  iLoc  HHE ??? _
GZR   1.25 171.5 Lg     05:41:12.029 -0.3     T__          ---          6567145      FDSN RO      -- BUD  iLoc  HHE ??? _
TRPA  1.50  0.6 Pg      05:41:00.183 -0.1     T__          47.8     --- ML      2.0 6567147      FDSN HU      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/05/17 06:01:57.19  0.93  0.84  47.2685  17.6349  4.8  3.1 150  0.0f  10  6 128  0.12  0.44  sx BUD  17001246  BUD  221

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Magnitude  Err Nsta Author  OrigID
ML  1.3 0.0  5 BUD  17001246

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
MPLH 0.12 213.5 Pg     06:02:00.439  0.2      T__          282.3     --- ML      1.1 6574468      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MPLH 0.12 213.5 Lg     06:02:02.823 -0.1     T__          ---          6574469      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
EGYH 0.25 305.9 Pg     06:02:03.178  0.3      T__          644.3     --- ML      1.8 6574466      FDSN HU      -- BUD  iLoc  HHZ HHZ _
EGYH 0.25 305.9 Lg     06:02:07.276 -0.2     T__          ---          6574465      FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU08A 0.26 50.2 Pg     06:02:03.419  0.6      T__          261.3     --- ML      1.4 6574470      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU08A 0.26 50.2 Lg     06:02:06.605 -1.0     T__          ---          6574464      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.35 70.9 Pg     06:02:05.435  0.7      T__          109.3     --- ML      1.3 6574472      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW3 0.35 70.9 Lg     06:02:09.863 -1.2     T__          ---          6574471      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW2 0.39 84.9 Pg     06:02:06.180  0.7      T__          81.7     --- ML      1.3 6574473      FDSN HU      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 0.44 77.2 Lg     06:02:13.013 -1.0     T__          ---          6574467      FDSN HU      -- BUD  iLoc  HHN ??? _

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```

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

```

2021/05/17 07:19:52.41 1.05 0.84 48.2257 21.2111 7.0 3.9 157 0.0f 14 8 153 0.07 1.00 kx BUD 17001248 BUD 204  
 2021/05/17 07:19:52.25 0.90 0.83 48.2470 21.2460f 0.0f 14 8 151 0.05 0.99 kx BUD\_GT 17001249 BUD\_GT 204  
 (locality : Tallya Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.2 7 BUD\_GT 17001249

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	07:19:54.422	0.6					T__		9743.7		_c_	ML	2.4	6574512	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	07:19:55.247	-0.2					T__				---		6574517	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																									
HU02A	0.50	255.8	Pg	07:20:02.325	-0.5					T__		86.9		---	ML	1.6	6574518	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	07:20:08.732	-2.2					T__				---		6574519	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
JOS	0.53	298.1	Pg	07:20:03.623	0.7					T__		102.5		---	ML	1.8	6574513	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	07:20:10.520	-0.6					T__				---		6574520	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
KECS	0.56	295.3	Pg	07:20:04.331	0.8					T__		204.1		---	ML	2.1	6574514	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	07:20:11.191	-0.9					T__				---		6574521	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
TRPA	0.87	97.2	Pg	07:20:09.999	0.7					T__		104.3		---	ML	2.0	6574522	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
PSZ	0.96	250.6	Pn	07:20:12.308	0.2					T__		72.5		---	ML	1.9	6574523	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
KOLS	0.97	44.4	Pn	07:20:12.532	0.4					T__				---		6574524	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	44.4	Lg	07:20:27.060	0.5					T__				---		6574525	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ET1H	0.99	248.7	Pg	07:20:12.824	-0.2					T__		42.5		---	ML	1.7	6574516	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	07:20:27.054	-0.5					T__				---		6574515	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/05/18 08:26:49.56 0.90 1.06 47.0901 18.0107 6.3 2.8 107 0.0f 15 11 120 0.21 1.00 sx BUD 17001250 BUD 147

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 4 BUD 17001250

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.21	203.0	Pg	08:26:54.072	-0.2					T__		1576.8		---	ML	2.1	6576936	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.21	203.0	Lg	08:26:58.468	0.4					T__				---		6576937	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
MSW2	0.25	32.7	Lg	08:26:59.107	-1.0					T__				---		6576946	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.30	15.0	Pg	08:26:57.230	1.1					T__		329.8		---	ML	1.7	6576947	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.30	15.0	Lg	08:27:00.894	-0.9					T__				---		6576948	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK 0.32 31.8 Lg 08:27:01.299 -1.2 T__ --- 6576939 FDSN HU -- BUD iLoc HHE ??? _
MPLH 0.33 284.2 Lg 08:27:02.193 -0.2 T__ --- 6576938 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.35 350.2 Pg 08:26:57.875 0.9 T__ 254.8 --- ML 1.7 6576945 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.35 350.2 Lg 08:27:02.010 -1.2 T__ --- 6576944 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW1 0.35 29.1 Pg 08:26:58.124 1.1 T__ 451.8 --- ML 1.9 6576950 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.35 29.1 Lg 08:27:02.368 -1.0 T__ --- 6576949 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU09A 0.60 24.6 Lg 08:27:10.761 -1.5 T__ --- 6576940 FDSN ZJ 00 BUD iLoc HHE ??? _
SRD 0.75 15.7 Lg 08:27:16.200 -1.2 T__ --- 6576941 FDSN SK -- BUD iLoc EHE ??? _
MORH 0.98 153.3 Lg 08:27:24.097 0.7 T__ --- 6576942 FDSN HU -- BUD iLoc HHE ??? _
KOVH 1.00 176.5 Lg 08:27:24.097 -0.5 T__ --- 6576943 FDSN HU -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/18 21:11:50.77 0.94 0.89 45.8872 16.0091 8.8 4.5 151 2.2 8.5 22 12 66 0.03 1.96 ke BUD 17001252 BUD 117

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Magnitude Err Nsta Author OrigID
ML 2.1 0.1 10 BUD 17001252

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PTJ 0.03 304.7 Pg 21:11:51.850 -0.2 T__ 3957.9 --- ML 2.0 6577386 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.03 304.7 Lg 21:11:52.930 -0.3 T__ --- 6577387 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ZAG 0.06 194.4 Pg 21:11:52.558 0.3 T__ 16281.3 --- ML 2.7 6577389 FDSN CR -- BUD iLoc BHZ BHZ _
ZAG 0.06 194.4 Lg 21:11:53.973 0.6 T__ --- 6577388 FDSN CR -- BUD iLoc BHE ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
CRES 0.39 261.2 Pg 21:11:58.444 0.0 T__ 164.7 --- ML 1.6 6577390 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.39 261.2 Lg 21:12:03.975 -0.2 T__ --- 6577391 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
KOGS 0.59 16.5 Pg 21:12:01.740 -0.6 T__ 189.1 --- ML 2.1 6577393 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.59 16.5 Lg 21:12:09.787 -0.2 T__ --- 6577392 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
BEHE 0.79 42.1 Pg 21:12:07.030 0.5 T__ 141.1 --- ML 2.1 6577394 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.79 42.1 Lg 21:12:16.790 -0.1 T__ --- 6577395 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A264A 0.93 72.6 Pg 21:12:09.340 0.0 T__ 103.4 --- ML 2.0 6577397 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.93 72.6 Lg 21:12:21.633 0.2 T__ --- 6577396 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
OBKA 1.19 302.0 Pn 21:12:13.661 -0.9 T__ 84.3 --- ML 2.1 6577398 FDSN OE -- BUD iLoc HHZ HHZ _
OBKA 1.19 302.0 Lg 21:12:28.934 -0.3 T__ --- 6577399 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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ARSA	1.40	346.4	Pn	21:12:16.343	-0.6	T__	34.5	---	ML	1.8	6577401	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.40	346.4	Sn	21:12:35.192	-0.4	T__		---			6577400	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
BLY	1.41	143.5	Pn	21:12:15.374	-1.6	T__	37.1	---	ML	1.9	6577402	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.41	143.5	Sn	21:12:35.550	-0.6	T__		---			6577403	FDSN	MN	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KOVH	1.47	81.4	Sn	21:12:37.114	0.2	T__		---			6577404	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.86	78.9	Sn	21:12:48.141	1.7	T__		---			6577405	FDSN	HU	--	BUD	iLoc	HHN	???	_
A018A	1.96	341.3	Pg	21:12:28.025	1.0	T__	38.5	---	ML	2.2	6577406	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	1.96	341.3	Lg	21:12:55.517	2.1	T__		---			6577407	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/19	06:27:02.54	0.99	1.18	47.3125	17.7081	8.8	3.5	154	0.0f	9	7	118	0.18	1.27	kx	BUD	17001254	BUD				191
2021/05/19	06:27:02.18	0.95	1.53	47.3300	17.6350f				0.0f	9	7	129	0.17	1.31	kx	BUD_GT	17001255	BUD_GT				220
(locality : Ugod Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.17	202.2	Pg	06:27:07.104	0.8					T__		302.3		---	ML	1.3	6579807	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.17	202.2	Lg	06:27:09.767	0.1					T__				---		6579808	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU08A	0.22	62.6	Lg	06:27:09.567	-1.9					T__				---		6579812	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
EGYH	0.22	293.0	Lg	06:27:13.325	1.9					T__				---		6579809	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW3	0.34	80.8	Lg	06:27:12.981	-2.5					T__				---		6579813	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CSKK	0.43	85.3	Pg	06:27:11.369	0.3					T__	76.9			---	ML	1.4	6579814	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.43	85.3	Lg	06:27:17.010	-1.7					T__				---		6579815	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOVH	1.28	165.4	Sn	06:27:45.063	0.4					T__				---		6579810	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.31	147.8	Sn	06:27:46.777	1.3					T__				---		6579811	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/19	09:36:53.81	1.06	1.21	48.2152	21.2369	5.9	4.2	151	0.0f	13	7	155	0.08	0.98	kx	BUD	17001256	BUD				249
2021/05/19	09:36:53.95	0.91	1.31	48.2470	21.2460f				0.0f	13	7	151	0.05	0.99	kx	BUD_GT	17001257	BUD_GT				253
(locality : Tallya Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD_GT	17001257

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	09:36:56.353	0.8					T__		4615.5		---	ML	2.1	6579971	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:36:56.986	-0.1					T__				---		6579972	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU02A 0.50 255.8 Pg 09:37:04.586 0.1 T__ 40.5 ___ ML 1.3 6579966 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 09:37:10.844 -1.8 T__ ___ 6579973 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
JOS 0.53 298.1 Pg 09:37:05.405 0.7 T__ 44.6 ___ ML 1.4 6579968 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 09:37:13.899 1.0 T__ ___ 6579967 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.56 295.3 Pg 09:37:05.927 0.7 T__ 143.1 ___ ML 2.0 6579969 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 09:37:13.340 -0.4 T__ ___ 6579974 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TRPA 0.87 97.2 Pn 09:37:11.701 -0.6 T__ 75.2 ___ ML 1.9 6579976 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.2 Lg 09:37:22.988 -2.4 T__ ___ 6579975 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.96 250.6 Pn 09:37:13.079 -0.7 T__ 47.1 ___ ML 1.7 6579970 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.6 Lg 09:37:26.601 -2.1 T__ ___ 6579977 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.99 248.7 Lg 09:37:27.421 -1.8 T__ ___ 6579978 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/19 12:39:08.11 1.00 0.93 47.9160 20.1730 8.0 2.9 154 0.0f 16 10 151 0.19 1.07 sx BUD 17001258 BUD 198

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 7 BUD 17001258

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.19 270.8 Pg 12:39:13.104 0.4 T__ 674.6 ___ ML 1.7 6580020 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.19 270.8 Lg 12:39:16.047 -0.4 T__ ___ 6580021 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.21 259.8 Pg 12:39:13.011 0.1 T__ 513.3 ___ ML 1.6 6580023 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.21 259.8 Lg 12:39:16.512 -0.1 T__ ___ 6580022 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.31 48.7 Pg 12:39:15.339 0.3 T__ 165.0 ___ ML 1.4 6580024 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.31 48.7 Lg 12:39:19.176 -1.4 T__ ___ 6580025 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU03A 0.39 268.4 Pg 12:39:17.201 0.8 T__ 127.7 ___ ML 1.5 6580027 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.39 268.4 Lg 12:39:22.342 -0.3 T__ ___ 6580026 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.60 20.1 Lg 12:39:29.072 -0.5 T__ 6580029 FDSN SK -- BUD iLoc EHE ??? _
JOS 0.63 22.8 Pg 12:39:21.496 0.7 T__ 37.5 ___ ML 1.4 6580030 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU01A 0.68 213.4 Lg 12:39:32.872 -0.4 T__ ___ 6580028 FDSN ZJ 00 BUD iLoc HHN ??? _

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HU10A  0.78 265.2 Lg      12:39:34.832 -1.9      T__
ABAH   0.81 61.6 Pg      12:39:25.445  1.2      T__      65.4      --- ML      1.8 6580033  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
ABAH   0.81 61.6 Lg      12:39:36.024 -1.5      T__      ---      ---      6580032  FDSN HU      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS   1.07 303.4 Pn      12:39:29.915  0.6      T__      19.5      --- ML      1.4 6580034  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS   1.07 303.4 Lg      12:39:44.965 -0.2      T__      ---      ---      6580035  FDSN SK      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0

```

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Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/20 09:19:46.12 1.44 0.51 46.0955 18.0508 10.9 4.5 39 0.0f 9 5 229 0.03 1.13 sx BUD 17001260 BUD 258

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Magnitude Err Nsta Author OrigID
ML 1.5 0.4 4 BUD 17001260

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.03 101.8 Pg 09:19:47.830 0.3 T__ 810.3 _c ML 1.3 6580407 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.03 101.8 Lg 09:19:48.810 -0.2 T__ --- 6580411 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A265A 0.37 331.8 Pg 09:19:54.081 -0.1 T__ 282.5 --- ML 1.8 6580413 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.37 331.8 Lg 09:20:00.060 0.0 T__ --- 6580412 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MORH 0.43 73.6 Pg 09:19:55.262 0.1 T__ 33.9 --- ML 1.0 6580408 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.43 73.6 Lg 09:20:01.062 -1.1 T__ --- 6580410 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A266A 0.46 18.9 Pg 09:19:56.242 0.5 T__ 159.3 --- ML 1.8 6580415 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.46 18.9 Lg 09:20:02.947 -0.1 T__ --- 6580414 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MPLH 1.13 342.0 Sn 09:20:24.629 -0.3 T__ --- 6580409 FDSN HU -- BUD iLoc HHE ??? _

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Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/21 07:18:32.81 3.50 0.15 47.2248 18.2568 19.5 10.6 164 0.0f 8 4 329 0.08 0.18 sx BUD 17001262 BUD 337

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Magnitude Err Nsta Author OrigID
ML 0.8 0.2 4 BUD 17001262

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.08 338.1 Pg 07:18:34.992 -0.2 T__ 147.4 --- ML 0.7 6581011 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.08 338.1 Lg 07:18:37.598 0.1 T__ --- 6581012 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CSKK 0.14 1.0 Pg 07:18:36.312 0.1 T__ 185.6 --- ML 1.0 6581013 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.14 1.0 Lg 07:18:39.484 0.1 T__ --- 6581017 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1

```

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MSW1  0.17  0.5 Pg      07:18:36.764 -0.0      T__      179.3      ___ ML      1.0 6581015  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MSW1  0.17  0.5 Lg      07:18:40.203 -0.2      T__      ___      ___      6581016  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW3  0.18 330.7 Pg      07:18:37.111  0.1      T__      46.9      ___ ML      0.5 6581014  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MSW3  0.18 330.7 Lg      07:18:40.874  0.1      T__      ___      ___      6581018  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1

```

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/05/21 15:11:48.28  0.73  0.63  47.9143  16.7737  2.5  2.4  20  8.4  6.7  52  30  36  0.24  1.88  ke BUD  17001264  BUD  46

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Magnitude  Err Nsta Author  OrigID
ML 2.6 0.2 23 BUD 17001264

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
A003A  0.24 129.5 Pg      15:11:53.978  0.4      T__      2477.5      _c_ ML      2.4 6585390  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A003A  0.24 129.5 Lg      15:11:57.280 -0.2      T__      ___      ___      6585402  FDSN Z3      00 BUD  iLoc  HH3 ???  _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
A004A  0.26 281.0 Pg      15:11:54.090  0.4      T__      2831.7      _c_ ML      2.5 6585391  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A004A  0.26 281.0 Lg      15:11:57.541  0.1      T__      ___      ___      6585403  FDSN Z3      00 BUD  iLoc  HHE ???  _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
SOP  0.27 212.2 Pg      15:11:53.736 -0.3      T__      1339.6      _d_ ML      2.2 6585392  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
SOP  0.27 212.2 Lg      15:11:57.405 -0.6      T__      ___      ___      6585393  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
ZST  0.36 37.9 Pg      15:11:55.300 -0.4      T__      ___      ___      6585394  FDSN SK      -- BUD  iLoc  HHZ ???  _
ZST  0.36 37.9 Lg      15:12:00.595 -0.8      T__      ___      ___      6585404  FDSN SK      -- BUD  iLoc  HHE ???  _
RONA  0.39 236.5 Pg      15:11:55.896 -0.4      T__      620.9      _d_ ML      2.2 6585395  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
RONA  0.39 236.5 Lg      15:12:00.944 -0.7      T__      ___      ___      6585396  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MODS  0.57 36.1 Pg      15:11:59.212 -0.7      T__      ___      ___      6585397  FDSN SK      -- BUD  iLoc  HHZ ???  _
MODS  0.57 36.1 Lg      15:12:08.139 -0.6      T__      ___      ___      6585405  FDSN SK      -- BUD  iLoc  HHE ???  _
A005B  0.60 320.5 Pg      15:12:00.870  0.9      T__      697.5      _d_ ML      2.7 6585398  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A005B  0.60 320.5 Lg      15:12:09.126  0.7      T__      ___      ___      6585407  FDSN Z3      00 BUD  iLoc  HHE ???  _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
A339A  0.60 97.8 Pg      15:12:00.944  0.6      T__      623.4      ___ ML      2.6 6585399  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A339A  0.60 97.8 Lg      15:12:10.076  0.5      T__      ___      ___      6585408  FDSN Z3      00 BUD  iLoc  HHE ???  _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
CONA  0.61 271.6 Pg      15:12:00.292 -0.3      T__      295.8      ___ ML      2.3 6585400  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
CONA  0.61 271.6 Lg      15:12:08.660 -0.1      T__      ___      ___      6585406  FDSN OE      -- BUD  iLoc  HHE ???  _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
EGYH  0.62 142.6 Pg      15:12:00.776 -0.1      T__      801.5      ___ ML      2.8 6585401  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
EGYH  0.62 142.6 Lg      15:12:09.417 -0.5      T__      ___      ___      6585420  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1

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A260A	0.63	184.2	Pg	15:12:00.893	-0.1	T__	751.8	___	ML	2.7	6585409	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.63	184.2	Lg	15:12:09.491	-0.0	T__		---			6585419	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A001A	0.82	351.5	Pn	15:12:05.531	0.1	T__	205.7	_d	ML	2.3	6585410	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.82	351.5	Lg	15:12:16.718	0.1	T__		---			6585421	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A008A	0.88	301.6	Pg	15:12:05.047	-0.1	T__	703.1	---	ML	2.8	6585411	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
MPLH	0.91	144.8	Pg	15:12:05.680	-0.5	T__	502.0	---	ML	2.7	6585412	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.91	144.8	Lg	15:12:18.655	-0.6	T__		---			6585422	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
HU08A	0.92	121.4	Pg	15:12:06.649	0.3	T__	254.0	---	ML	2.4	6585413	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.92	121.4	Lg	15:12:20.071	-0.2	T__		---			6585424	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
A013A	0.93	279.7	Pg	15:12:05.867	-0.4	T__	725.6	---	ML	2.9	6585414	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.93	279.7	Lg	15:12:18.804	0.4	T__		---			6585423	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
A006A	0.97	329.0	Pg	15:12:06.779	-0.3	T__	596.3	---	ML	2.8	6585415	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A006A	0.97	329.0	Lg	15:12:20.294	-0.8	T__		---			6585425	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
A261A	1.00	165.1	Lg	15:12:21.337	0.2	T__		---			6585426	FDSN	Z3	00	BUD	iLoc	HHN	???	_
SR0	1.04	95.0	Sn	15:12:22.902	-0.4	T__		---			6585427	FDSN	SK	--	BUD	iLoc	EHN	???	_
A262A	1.06	189.1	Sn	15:12:23.647	0.4	T__		---			6585428	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A338A	1.07	84.0	Pn	15:12:09.268	0.8	T__	301.9	---	ML	2.6	6585431	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	1.07	84.0	Sn	15:12:23.945	-0.1	T__		---			6585430	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
ARSA	1.08	232.3	Pg	15:12:08.381	-0.8	T__	443.5	---	ML	2.7	6585416	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.08	232.3	Lg	15:12:23.200	0.6	T__		---			6585429	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
JAVC	1.12	32.0	Pn	15:12:09.648	-0.0	T__	136.5	---	ML	2.3	6585417	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
HU09A	1.12	103.7	Pn	15:12:09.789	0.6	T__	388.4	---	ML	2.7	6585432	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	1.12	103.7	Sn	15:12:25.211	-0.1	T__		---			6585433	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A018A	1.16	262.1	Lg	15:12:25.435	0.2	T__		---			6585434	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KRUC	1.18	347.8	Pg	15:12:10.262	-0.4	T__	399.3	---	ML	2.8	6585418	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.18	347.8	Sn	15:12:26.254	-0.3	T__		---			6585435	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
VRAC	1.40	355.2	Pn	15:12:13.999	0.6	T__	43.3	---	ML	1.9	6585437	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.40	355.2	Sn	15:12:32.662	0.5	T__		---			6585436	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			

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(Station ML: 1.9 magdef=0
VYHS 1.50 66.4 Sn 15:12:36.163 1.1 T__
KOGS 1.51 193.9 Pn 15:12:15.042 0.3 T__
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
CKRC 1.88 299.8 Pn 15:12:21.635 1.5 T__
CKRC 1.88 299.8 Sn 15:12:46.072 2.2 T__
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/23	13:21:44.53	4.05	0.53	48.7373	22.3372	41.6	9.2	110	5.9	25.8	6	4	251	0.20	1.35	ke	BUD	17001268	BUD			340

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.20	347.8	Pg	13:21:48.668	0.0					T__						6597553	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.20	347.8	Lg	13:21:52.245	0.0					T__						6597554	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.85	239.2	Pg	13:22:01.185	-0.0					T__	32.0				ML	1.5	6597556	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	239.2	Lg	13:22:14.298	0.2					T__						6597555	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
JOS	1.22	259.2	Sn	13:22:24.281	-0.7					T__						6597557	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU02A	1.35	243.7	Sn	13:22:28.802	0.3					T__						6597558	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/24	01:48:11.03	3.45	0.10	47.3873	18.1911	9.1	3.4	179	4.6	23.0	8	4	178	0.04	0.09	ke	BUD	17001274	BUD			272

Magnitude Err Nsta Author OrigID  
ML 0.2 0.1 4 BUD 17001274

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW3	0.04	264.5	Pg	01:48:12.508	0.0					T__	29.7				_d ML	-0.1	6599377	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.04	264.5	Lg	01:48:13.870	-0.0					T__						6599378	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: -0.1 magdef=1)																									
(Station ML: -0.1 magdef=1)																									
MSW1	0.05	83.1	Pg	01:48:12.527	-0.0					T__	74.1				_c ML	0.3	6599374	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	83.1	Lg	01:48:13.870	-0.2					T__						6599373	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
CSKK	0.05	117.2	Pg	01:48:12.754	0.1					T__	45.1				_c ML	0.1	6599371	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.05	117.2	Lg	01:48:14.306	0.1					T__						6599372	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.1 magdef=1)																									
(Station ML: 0.1 magdef=1)																									
MSW2	0.09	171.0	Pg	01:48:13.189	-0.0					T__	47.0				_ ML	0.2	6599375	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	171.0	Lg	01:48:15.252	0.0					T__						6599376	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/26	11:37:11.96	0.95	0.81	47.8599	19.8205	6.2	3.6	162	0.0f	13	10	134	0.04	1.26	sx	BUD	17001282	BUD				147

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	17001282

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ET1H	0.04	60.6	Pg	11:37:13.528	0.2					T__		3584.2		___	ML	2.0	6603397	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.04	60.6	Lg	11:37:14.645	-0.1					T__				---		6603398	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
PSZ	0.08	40.3	Pg	11:37:14.422	0.1					T__		2824.2		___	ML	2.0	6603400	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.08	40.3	Lg	11:37:16.210	-0.3					T__				---		6603399	FDSN	GE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
HU03A	0.15	286.6	Pg	11:37:15.651	0.0					T__		608.2		___	ML	1.5	6603401	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
HU01A	0.53	194.8	Lg	11:37:32.042	-0.0					T__				---		6603403	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU10A	0.54	268.7	Lg	11:37:31.930	-0.2					T__				---		6603404	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU02A	0.54	60.7	Lg	11:37:30.440	-1.8					T__				---		6603402	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
KECS	0.77	35.3	Lg	11:37:39.157	0.2					T__				---		6603405	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.80	36.8	Pg	11:37:29.397	1.5					T__		44.6		___	ML	1.6	6603407	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	36.8	Lg	11:37:39.380	-0.6					T__				---		6603406	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
VVHS	0.91	314.3	Lg	11:37:43.776	-0.1					T__				---		6603408	FDSN	SK	--	BUD	iLoc	HNN	???	_	
A272A	1.26	207.9	Sn	11:37:54.653	0.7					T__				---		6603409	FDSN	Z3	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/05/26	23:50:23.30	0.83	0.60	47.7712	16.1641	4.1	2.9	45	12.3	5.2	26	15	80	0.11	1.30	ke	BUD	17001286	BUD				135

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	13 BUD	17001286

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	128.7	Pg	23:50:26.458	-0.3					T__		170.2		_d	ML	0.8	6603861	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	128.7	Lg	23:50:28.181	-1.0					T__				---		6603862	FDSN	OE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
A004A	0.25	39.2	Pg	23:50:29.512	0.8					T__		295.7		___	ML	1.5	6603866	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
CONA	0.26	307.8	Pg	23:50:28.879	-0.2					T__		61.3		___	ML	0.8	6603864	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	307.8	Lg	23:50:32.641	-0.4					T__				---		6603865	FDSN	OE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=0)																					
SOP	0.28	108.1	Pg	23:50:29.410	0.0					T__		58.2		___	ML	0.8	6603863	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=0)																					
A013A	0.59	300.1	Pg	23:50:34.895	0.0					T__		81.0		___	ML	1.7	6603867	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	300.1	Lg	23:50:43.091	0.5					T__				---		6603868	FDSN	Z3	00	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A005B 0.60 2.6 Pg 23:50:35.826 0.7 T__ 113.0 ___ ML 1.9 6603871 FDSN Z3 00 BUD iLoc HHZ HHZ _
A005B 0.60 2.6 Lg 23:50:44.283 0.5 T__ ___ 6603872 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
A260A 0.61 142.9 Pg 23:50:35.597 0.0 T__ 111.5 ___ ML 1.9 6603880 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.61 142.9 Lg 23:50:43.941 0.1 T__ ___ 6603879 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ARSA 0.68 220.1 Pg 23:50:36.236 -0.4 T__ 55.1 ___ ML 1.6 6603870 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.68 220.1 Lg 23:50:45.475 0.2 T__ ___ 6603869 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A008A 0.69 330.3 Lg 23:50:45.847 -0.3 T__ ___ 6603873 FDSN Z3 00 BUD iLoc HH3 ??? _
EGYH 0.87 113.7 Pg 23:50:40.924 0.5 T__ 77.2 ___ ML 1.9 6603881 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.87 113.7 Lg 23:50:52.770 0.0 T__ ___ 6603882 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A262A 0.94 164.6 Pn 23:50:42.712 1.2 T__ 60.8 ___ ML 1.8 6603883 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 0.96 50.7 Pg 23:50:42.383 -0.1 T__ ___ 6603874 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.96 50.7 Lg 23:50:55.638 -1.0 T__ ___ 6603884 FDSN SK -- BUD iLoc HHN ??? _
A006A 0.97 354.4 Pg 23:50:41.899 -0.3 T__ 86.6 ___ ML 2.0 6603875 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.97 354.4 Lg 23:50:54.639 -1.1 T__ ___ 6603876 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
A001A 1.00 16.4 Pg 23:50:43.016 0.1 T__ 41.0 ___ ML 1.7 6603878 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 1.00 16.4 Lg 23:50:56.911 0.0 T__ ___ 6603877 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KRUC 1.30 6.7 Pn 23:50:47.219 0.6 T__ 31.4 ___ ML 1.7 6603885 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.30 6.7 Sn 23:51:04.429 0.5 T__ ___ 6603886 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/27 08:55:47.39 1.86 1.01 47.3568 18.3714 11.4 5.1 115 0.0f 12 8 109 0.08 1.18 sx BUD 17001288 BUD 182

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Magnitude Err Nsta Author OrigID
ML 1.2 0.4 4 BUD 17001288

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CSKK 0.08 274.8 Pg 08:55:50.018 0.4 T__ 1005.2 ___ ML 1.5 6604014 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 274.8 Lg 08:55:51.210 -0.6 T__ ___ 6604015 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW1 0.08 295.3 Pg 08:55:50.261 0.5 T__ 789.2 ___ ML 1.4 6604020 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 295.3 Lg 08:55:51.330 -0.8 T__ ___ 6604021 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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MSW2	0.12	243.5	Pg	08:55:50.958	0.5	T__	176.2	___	ML	0.9	6604023	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.12	243.5	Lg	08:55:52.144	-1.2	T__		---			6604022	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
MSW3	0.17	279.1	Pg	08:55:52.191	0.9	T__	176.2	___	ML	1.0	6604024	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.17	279.1	Lg	08:55:54.609	-0.3	T__		---			6604025	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
HU09A	0.28	1.5	Lg	08:55:57.915	-0.9	T__		---			6604016	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.16	170.6	Sn	08:56:26.450	-0.6	T__		---			6604017	FDSN	HU	--	BUD	iLoc	HHE	???	_
PSZ	1.17	60.8	Sn	08:56:27.418	-0.9	T__		---			6604018	FDSN	GE	--	BUD	iLoc	HHE	???	_
VYHS	1.18	15.2	Sn	08:56:26.673	-1.8	T__		---			6604019	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/27	08:57:58.45	1.23	0.81	47.3737	18.3682	8.0	4.2	124	0.0f		19	12	107	0.07	1.30	sx	BUD	17001290	BUD			125

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	7 BUD	17001290

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.07	261.8	Pg	08:58:00.943	0.3					T__		2500.1		___	ML	1.9	6604091	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	261.8	Lg	08:58:02.359	-0.4					T__				---		6604092	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
MSW1	0.08	284.6	Pg	08:58:01.047	0.4					T__		1121.8		___	ML	1.6	6604104	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	284.6	Lg	08:58:02.202	-0.7					T__				---		6604105	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MSW2	0.13	236.3	Pg	08:58:02.013	0.4					T__		209.3		___	ML	1.0	6604107	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.13	236.3	Lg	08:58:03.922	-0.7					T__				---		6604106	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
MSW3	0.16	273.4	Pg	08:58:02.956	0.6					T__		303.0		___	ML	1.2	6604108	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.16	273.4	Lg	08:58:05.524	-0.3					T__				---		6604109	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU09A	0.27	2.1	Lg	08:58:09.139	-0.1					T__				---		6604093	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU08A	0.31	281.0	Lg	08:58:10.033	-0.6					T__				---		6604094	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
ET1H	1.14	63.0	Pn	08:58:20.985	0.5					T__		25.3		___	ML	1.5	6604096	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.14	63.0	Sn	08:58:36.854	-1.1					T__				---		6604095	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	1.16	15.5	Pn	08:58:22.028	0.9					T__		14.7		___	ML	1.3	6604100	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	15.5	Lg	08:58:37.897	-1.1					T__				---		6604101	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	1.17	61.6	Pn	08:58:21.357	0.2					T__		30.5		___	ML	1.6	6604099	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.17	61.6	Sn	08:58:38.269	-1.0					T__				---		6604098	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	1.17	170.6	Sn	08:58:37.301	-1.3					T__				---		6604097	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.24	324.1	Sn	08:58:39.685	-1.3					T__				---		6604102	FDSN	SK	--	BUD	iLoc	HHE	???	_	

KOVH 1.30 188.3 Sn 08:58:41.175 -0.5 T\_\_ --- 6604103 FDSN HU -- BUD iLoc HHE ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/27	12:22:42.88	1.00	0.91	48.2180	21.2447	5.6	4.0	153	0.0f	16	9	155	0.08	1.35	kx	BUD	17001292	BUD				207
2021/05/27	12:22:43.00	0.88	0.88	48.2470	21.2460f				0.0f	16	9	151	0.05	1.33	kx	BUD_GT	17001293	BUD_GT				204

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	8 BUD_GT	17001293

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	12:22:45.167	0.6					T__		12263.1		---	ML	2.5	6604211	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	12:22:46.210	0.0					T__				---		6604212	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 Station ML: 2.5 magdef=0)																									
HU02A	0.50	255.8	Pg	12:22:53.511	-0.1					T__		80.1		---	ML	1.6	6604214	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	12:23:00.738	-0.9					T__				---		6604213	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
JOS	0.53	298.1	Pg	12:22:54.033	0.3					T__		88.2		---	ML	1.7	6604215	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	12:23:01.855	-0.0					T__				---		6604216	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KECS	0.56	295.3	Pg	12:22:54.778	0.5					T__		194.9		---	ML	2.1	6604218	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	12:23:02.899	0.1					T__				---		6604217	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
TRPA	0.87	97.2	Pg	12:22:59.993	-0.0					T__		134.9		---	ML	2.1	6604219	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	12:23:11.690	-2.8					T__				---		6604220	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
PSZ	0.96	250.6	Pn	12:23:02.675	-0.1					T__		79.2		---	ML	1.9	6604222	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	12:23:16.756	-1.0					T__				---		6604223	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
KOLS	0.97	44.4	Pn	12:23:02.750	-0.2					T__				---		6604221	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ET1H	0.99	248.7	Pg	12:23:03.495	-0.3					T__		46.3		---	ML	1.7	6604225	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	12:23:17.576	-0.7					T__				---		6604224	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
NIE	1.33	332.3	Pg	12:23:09.008	0.9					T__		21.8		---	ML	1.6	6604226	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/28	02:47:31.08	1.71	1.10	45.5770	16.0806	20.4	5.2	46	0.2	5.4	11	7	163	0.26	1.90	ke	BUD	17001296	BUD			230

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	17001296

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.26	345.3	Pg	02:47:36.567	0.1					T__		873.9		___	ML	2.0	6605533	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.26	345.3	Lg	02:47:41.256	0.9					T__				---		6605530	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PTJ	0.34	346.6	Pg	02:47:37.871	-0.4					T__		90.9		___	ML	1.2	6605534	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.34	346.6	Lg	02:47:42.379	-1.3					T__				---		6605535	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CRES	0.50	299.9	Pg	02:47:41.107	0.2					T__		50.9		___	ML	1.4	6605531	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.50	299.9	Lg	02:47:47.817	-0.4					T__				---		6605536	FDSN	SL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOGS	0.88	7.7	Lg	02:48:01.079	0.9					T__				---		6605537	FDSN	SL	--	BUD	iLoc	BHE	???	_	
BLY	1.14	136.3	Pg	02:47:52.809	-0.1					T__		31.9		---	ML	1.6	6605538	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.14	136.3	Lg	02:48:07.630	0.1					T__				---		6605532	FDSN	MN	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOVH	1.50	69.4	Sn	02:48:18.774	0.0					T__				---		6605539	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.90	69.5	Sn	02:48:30.545	2.2					T__				---		6605540	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/28	03:52:41.27	0.85	0.58	47.8510	16.2691	4.2	3.3	54	11.0f		16	9	93	0.14	1.21	ke	BUD	17001298	BUD			135

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	7 BUD	17001298

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A004A	0.14	37.5	Pg	03:52:44.743	-0.0					T__		668.4		___	ML	1.5	6605629	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A004A	0.14	37.5	Lg	03:52:48.245	1.0					T__				---		6605630	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
RONA	0.15	173.1	Pg	03:52:44.966	-0.2					T__		155.2		___	ML	0.9	6605625	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.15	173.1	Lg	03:52:47.462	-0.4					T__				---		6605626	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
SOP	0.26	130.6	Pg	03:52:46.754	-0.1					T__		63.3		___	ML	0.8	6605632	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	130.6	Lg	03:52:50.591	-0.1					T__				---		6605631	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
CONA	0.28	285.9	Pg	03:52:46.866	-0.6					T__		57.5		___	ML	0.9	6605628	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.28	285.9	Lg	03:52:51.858	0.2					T__				---		6605627	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
A013A	0.62	290.5	Pg	03:52:53.497	0.1					T__		113.9		___	ML	1.9	6605633	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.62	290.5	Lg	03:53:02.177	0.7					T__				---		6605634	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ARSA	0.78	220.3	Lg	03:53:07.690	1.2					T__				---		6605635	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A001A	0.90	13.6	Pg	03:52:58.824	-0.2					T__		63.5		---	ML	1.8	6605638	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.90	13.6	Lg	03:53:11.974	-0.3					T__				---		6605637	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
A006A 0.91 349.5 Lg 03:53:10.856 -0.8 T__
KRUC 1.21 3.9 Pn 03:53:03.555 -0.0 T__ 28.5 --- ML 1.6 6605639 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.21 3.9 Sn 03:53:19.797 -0.2 T__ --- 6605640 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/28	06:52:22.68	1.12	0.56	47.9368	20.0655	10.8	2.9	151	0.0f	11	7	187	0.12	0.99	sx	BUD	17001300	BUD				216

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.2 4 BUD 17001300

```

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
PSZ	0.12	261.0	Pg	06:52:26.098	0.3					T__		1206.7		---	ML	1.7	6605907	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.12	261.0	Lg	06:52:27.774	-0.8					T__				---		6605908	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																										
ET1H	0.14	246.2	Pg	06:52:26.508	0.3					T__		552.0		---	ML	1.4	6605910	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.14	246.2	Lg	06:52:28.631	-0.4					T__				---		6605909	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																										
HU03A	0.32	264.2	Lg	06:52:34.703	-0.0					T__				---		6605911	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU02A	0.36	58.8	Pg	06:52:30.531	0.0					T__		176.5		---	ML	1.5	6605913	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.36	58.8	Lg	06:52:36.342	-0.3					T__				---		6605912	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
KECS	0.61	27.0	Lg	06:52:44.165	-0.3					T__				---		6605914	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.64	29.4	Pg	06:52:36.491	0.9					T__		84.2		---	ML	1.8	6605916	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.64	29.4	Lg	06:52:45.059	-0.4					T__				---		6605915	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										
VYHS	0.99	304.6	Lg	06:52:56.644	-0.6					T__				---		6605917	FDSN	SK	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/28	08:10:08.04	2.53	1.20	47.2282	18.2279	13.8	10.2	15	0.0f	9	7	130	0.08	1.33	sx	BUD	17001302	BUD				256

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Magnitude Err Nsta Author OrigID

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
MSW2	0.08	351.1	Pg	08:10:10.932	0.7					T__		649.9		---	ML	1.3	6606678	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.08	351.1	Lg	08:10:12.023	-0.4					T__				---		6606677	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																										
CSKK	0.14	9.3	Pg	08:10:11.806	0.4					T__		371.1		---	ML	1.2	6606671	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.14	9.3	Lg	08:10:13.743	-0.8					T__				---		6606672	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																										
MSW3	0.17	336.0	Lg	08:10:15.011	-0.6					T__				---		6606679	FDSN	HU	--	BUD	iLoc	HHE	???	_		

HU08A	0.29	314.6	Lg	08:10:18.884	-0.8	T__	---	6606673	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
KOVH	1.14	184.5	Sn	08:10:45.407	-1.9	T__	---	6606674	FDSN	HU	--	BUD	iLoc	HHE	???	_
PSZ	1.32	57.9	Sn	08:10:51.516	-1.1	T__	---	6606675	FDSN	GE	--	BUD	iLoc	HHE	???	_
VYHS	1.33	17.7	Sn	08:10:51.740	-1.1	T__	---	6606676	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/05/28	09:09:28.94	1.06	0.30	46.1362	18.3153	11.3	3.7	159	0.0f	5	3	181	0.16	0.39	kx	BUD	17001304	BUD				284
2021/05/28	09:09:29.02	1.01	0.70	46.1765	18.2926f				0.0f	5	3	155	0.16	0.35	kx	BUD_GT	17001305	BUD_GT				275

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	09:09:32.774	-0.1					T__		471.5		---	ML	1.4	6606728	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:09:35.829	-0.1					T__				---		6606727	FDSN	HU	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 1.4 magdef=1)																							
		(Station ML: 1.4 magdef=1)																							
MORH	0.25	80.9	Pg	09:09:34.488	-0.0					T__		217.1		---	ML	1.3	6606726	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:09:38.314	-0.6					T__				---		6606730	FDSN	HU	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 1.3 magdef=1)																							
		(Station ML: 1.3 magdef=1)																							
A266A	0.35	356.8	Lg	09:09:43.652	1.2					T__				---		6606729	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/05/29	09:14:48.76	1.05	0.45	46.1366	18.3047	11.3	3.7	159	0.0f	5	3	179	0.15	0.39	sx	BUD	17001306	BUD					284

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	251.3	Pg	09:14:52.508	0.1					T__		499.8		---	ML	1.4	6610979	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	251.3	Lg	09:14:55.339	-0.1					T__				---		6610980	FDSN	HU	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 1.4 magdef=1)																							
		(Station ML: 1.4 magdef=1)																							
MORH	0.25	71.5	Pg	09:14:54.519	0.2					T__		164.6		---	ML	1.2	6610982	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	71.5	Lg	09:14:58.170	-0.6					T__				---		6610981	FDSN	HU	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 1.2 magdef=1)																							
		(Station ML: 1.2 magdef=1)																							
A266A	0.39	355.9	Lg	09:15:03.385	-0.1					T__				---		6610983	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/05/29	20:35:40.19	1.12	0.31	47.8042	16.2174	18.3	3.9	39	9.0f	6	4	144	0.12	1.26	ke	BUD	17001310	BUD					212

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	153.0	Pg	20:35:43.439	0.2					T__		29.7		---	ML	0.1	6611530	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	153.0	Lg	20:35:45.115	-0.4					T__				---		6611529	FDSN	OE	--	BUD	iLoc	HHN	???	_	
		(Reading ML: 0.1 magdef=1)																							

```

(Station ML: 0.1 magdef=1
SOP 0.26 117.6 Lg 20:35:49.492 -0.1 T__
CONA 0.27 297.5 Pg 20:35:45.860 -0.1 T__ 30.7 --- ML 0.5 6611527 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 297.5 Lg 20:35:50.256 0.3 T__ --- 6611528 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
KRUC 1.26 5.3 Sn 20:36:20.504 -0.0 T__ --- 6611531 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/31 00:06:34.42 1.01 0.59 47.7003 16.1200 4.6 3.7 44 4.7 18.5 15 10 100 0.12 1.37 ke BUD 17001314 BUD 146

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Magnitude Err Nsta Author OrigID
ML 1.1 0.4 5 BUD 17001314

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 90.2 Pg 00:06:37.413 0.2 T__ 281.7 --- ML 1.1 6615589 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 90.2 Lg 00:06:39.022 -0.2 T__ --- 6615590 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
CONA 0.29 322.8 Pg 00:06:40.350 -0.0 T__ 37.4 --- ML 0.7 6615592 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.29 322.8 Lg 00:06:44.309 -0.1 T__ --- 6615591 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
SOP 0.30 93.1 Pg 00:06:40.580 0.1 T__ 41.8 --- ML 0.7 6615593 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.30 93.1 Lg 00:06:44.181 -0.5 T__ --- 6615594 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
ARSA 0.61 222.2 Pg 00:06:45.892 -0.3 T__ 33.8 --- ML 1.4 6615596 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.61 222.2 Lg 00:06:53.912 0.1 T__ --- 6615595 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A005B 0.67 4.8 Lg 00:06:57.564 0.5 T__ --- 6615597 FDSN Z3 00 BUD iLoc HHN ??? _
A008A 0.74 335.0 Pg 00:06:49.212 0.6 T__ 56.6 --- ML 1.7 6615599 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.74 335.0 Lg 00:06:58.790 0.1 T__ --- 6615598 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
A006A 1.04 356.4 Lg 00:07:08.341 -1.4 T__ --- 6615600 FDSN Z3 00 BUD iLoc HHE ??? _
HU08A 1.25 101.8 Sn 00:07:15.875 0.8 T__ --- 6615602 FDSN ZJ 00 BUD iLoc HHN ??? _
KOGS 1.26 175.9 Lg 00:07:15.262 0.5 T__ --- 6615601 FDSN SL -- BUD iLoc BHE ??? _
KRUC 1.37 7.6 Sn 00:07:17.969 -0.3 T__ --- 6615603 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/31 08:12:31.64 0.94 1.82 47.7102 16.3998 7.8 2.9 1 0.0f 10 7 156 0.07 1.35 sx BUD 17001316 BUD 168

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```

Magnitude Err Nsta Author OrigID
ML 1.1 0.5 3 BUD 17001316

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.07 261.5 Pg 08:12:33.472 0.0 T__ 372.6 _c_ ML 1.1 6619506 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.07 261.5 Lg 08:12:35.119 0.3 T__ --- 6619505 FDSN OE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SOP 0.11 104.0 Pg 08:12:34.532 0.3 T__ 136.9 ___ ML 0.7 6619507 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.11 104.0 Lg 08:12:36.000 -0.2 T__ ___ 6619508 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.42 301.2 Lg 08:12:46.902 1.0 T__ ___ 6619501 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.89 41.3 Lg 08:13:02.851 -0.7 T__ ___ 6619510 FDSN SK -- BUD iLoc HHE ??? _
A018A 0.89 272.6 Pg 08:12:48.192 -0.8 T__ 33.2 ___ ML 1.5 6619509 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.89 272.6 Lg 08:12:59.620 -0.6 T__ ___ 6619502 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU08A 1.07 104.6 Sn 08:13:04.371 -4.5 T__ ___ 6619503 FDSN ZJ 00 BUD iLoc HHN ??? _
KRUC 1.35 359.9 Lg 08:13:17.804 0.3 T__ ___ 6619504 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/05/31 19:20:13.66 0.81 0.64 47.8695 16.2925 3.6 3.2 55 3.3 19.2 28 18 61 0.17 1.63 ke BUD 17001318 BUD 102

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 12 BUD 17001318

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.17 179.1 Pg 19:20:17.566 0.2 T__ 380.8 _d ML 1.4 6620105 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.17 179.1 Lg 19:20:19.635 -0.3 T__ ___ 6620082 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
SOP 0.26 136.0 Pg 19:20:19.686 0.7 T__ 155.5 ___ ML 1.2 6620085 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.26 136.0 Lg 19:20:23.057 0.4 T__ ___ 6620086 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
CONA 0.30 281.6 Pg 19:20:19.303 -0.4 T__ 200.1 _c ML 1.4 6620084 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 281.6 Lg 19:20:23.313 -0.6 T__ ___ 6620083 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A005B 0.51 353.4 Lg 19:20:31.817 1.1 T__ ___ 6620087 FDSN Z3 00 BUD iLoc HHN ??? _
A003A 0.52 101.9 Lg 19:20:30.694 -1.1 T__ ___ 6620088 FDSN Z3 00 BUD iLoc HH2 ??? _
A013A 0.63 288.4 Pg 19:20:25.918 0.1 T__ 405.7 ___ ML 2.5 6620089 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
ZST 0.63 58.7 Pg 19:20:27.153 0.8 T__ ___ 6620107 FDSN SK -- BUD iLoc HHZ ??? _
A008A 0.66 319.6 Pg 19:20:26.540 0.3 T__ 292.6 ___ ML 2.3 6620106 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.66 319.6 Lg 19:20:35.418 0.1 T__ ___ 6620090 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
ARSA 0.81 220.4 Pg 19:20:29.158 -0.2 T__ 122.3 ___ ML 2.0 6620108 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.81 220.4 Lg 19:20:39.939 0.4 T__ ___ 6620091 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 0.83 52.2 Pg 19:20:30.234 -0.1 T__ ___ 6620093 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.83 52.2 Lg 19:20:41.905 -0.9 T__ ___ 6620092 FDSN SK -- BUD iLoc HHE ??? _
EGYH 0.84 122.4 Pg 19:20:30.499 0.2 T__ 80.3 ___ ML 1.9 6620109 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1

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(Station ML: 1.9 magdef=1
A001A 0.88 12.9 Pg 19:20:31.587 0.6 T__ 57.0 ___ ML 1.7 6620097 FDSN Z3 00 BUD iLoc HHZ HHZ _
A001A 0.88 12.9 Lg 19:20:43.233 -0.7 T__ ___ 6620096 FDSN Z3 00 BUD iLoc HHZ ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A006A 0.89 348.3 Pg 19:20:30.872 -0.0 T__ 123.7 ___ ML 2.1 6620094 FDSN Z3 00 BUD iLoc HHZ HHZ _
A006A 0.89 348.3 Lg 19:20:42.723 -1.1 T__ ___ 6620095 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KRUC 1.20 3.2 Pg 19:20:36.133 -0.3 T__ 54.5 ___ ML 1.9 6620098 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.20 3.2 Sn 19:20:52.479 -0.9 T__ ___ 6620099 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JAVC 1.35 42.4 Pn 19:20:39.709 0.7 T__ 46.3 ___ ML 1.9 6620100 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VRAC 1.45 7.8 Pn 19:20:40.092 -0.2 T__ 13.0 _c_ ML 1.4 6620101 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.45 7.8 Sn 19:20:59.017 -0.8 T__ ___ 6620102 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
TREC 1.52 339.7 Sn 19:21:01.060 -0.1 T__ ___ 6620103 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.63 306.4 Sn 19:21:04.686 0.4 T__ ___ 6620104 FDSN CZ -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/01	07:41:16.79	1.45	1.06	47.4262	18.3769	25.4	5.6	127	0.0f		9	5	144	0.10	1.23	sx	BUD	17001322	BUD			204

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	17001322

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.10 231.4 Pg 07:41:19.614 0.2 T__ 894.6 ___ ML 1.5 6622527 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 231.4 Lg 07:41:21.663 -0.4 T__ ___ 6622528 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 1.11 65.3 Pn 07:41:38.798 0.3 T__ 18.7 ___ ML 1.4 6622530 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.11 65.3 Sn 07:41:54.072 -1.6 T__ ___ 6622529 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 1.11 15.9 Pn 07:41:39.543 0.8 T__ 10.3 ___ ML 1.1 6622534 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.11 15.9 Lg 07:41:55.338 -0.2 T__ ___ 6622533 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 1.14 63.8 Pn 07:41:39.245 0.2 T__ 27.8 ___ ML 1.6 6622531 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.14 63.8 Sn 07:41:55.189 -1.7 T__ ___ 6622532 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.23 171.3 Sn 07:41:57.573 -0.6 T__ ___ 6622535 FDSN HU -- BUD iLoc HHE ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/01	08:44:36.92	1.24	0.59	47.8197	19.1269	13.1	3.3	5	0.0f		12	8	206	0.08	1.42	sx	BUD	17001324	BUD			234

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.3 4 BUD 17001324

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	289.3	Pg	08:44:39.235	0.2					T__		1881.9		---	ML	1.8	6622566	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	289.3	Lg	08:44:40.216	-0.7					T__				---		6622572	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	0.33	75.0	Pg	08:44:43.926	-0.2					T__		75.8		---	ML	1.1	6622570	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	75.0	Lg	08:44:50.423	0.9					T__				---		6622573	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ET1H	0.50	83.0	Lg	08:44:55.489	-0.2					T__				---		6622574	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.53	78.9	Lg	08:44:56.569	-0.3					T__				---		6622575	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.70	344.0	Lg	08:45:01.661	-0.0					T__				---		6622567	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU02A	0.99	71.6	Pn	08:44:57.389	0.4					T__		24.6		---	ML	1.4	6622576	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	71.6	Sn	08:45:11.991	-1.1					T__				---		6622577	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	1.16	53.9	Pn	08:44:59.277	-0.1					T__		19.9		---	ML	1.4	6622568	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.16	53.9	Sn	08:45:16.633	-0.4					T__				---		6622571	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JAVC	1.42	317.5	Sn	08:45:24.906	0.1					T__				---		6622569	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/06/01 09:54:28.67 0.87 0.69 47.0742 18.0350 4.2 3.1 120 0.0f 16 10 94 0.20 1.52 sx BUD 17001326 BUD 121

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 6 BUD 17001326

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.20	209.2	Pg	09:54:33.718	0.5					T__		1909.3		---	ML	2.1	6622696	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.20	209.2	Lg	09:54:36.233	-0.7					T__				---		6622684	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
MSW2	0.26	27.7	Pg	09:54:35.076	0.7					T__		216.6		---	ML	1.4	6622697	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.26	27.7	Lg	09:54:38.326	-1.1					T__				---		6622698	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
CSKK	0.33	27.9	Pg	09:54:36.483	0.8					T__		218.2		---	ML	1.5	6622699	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.33	27.9	Lg	09:54:40.629	-1.2					T__				---		6622685	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A267A	0.33	112.5	Lg	09:54:41.150	-0.5					T__				---		6622686	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.35	286.0	Pg	09:54:36.680	0.4					T__		194.5		---	ML	1.6	6622688	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.35	286.0	Lg	09:54:41.448	-0.7					T__				---		6622687	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A261A	0.62	258.9	Lg	09:54:50.165	-0.2					T__				---		6622689	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	0.96	153.8	Pg	09:54:48.079	0.3					T__		23.3		---	ML	1.4	6622691	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

MORH	0.96	153.8	Lg	09:55:01.415	-0.4	T__								6622690	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOVH	0.99	177.4	Pn	09:54:48.824	0.3	T__							44.9	---	ML	1.7	6622692	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.99	177.4	Lg	09:55:02.458	-0.7	T__								---			6622693	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	1.52	55.5	Sn	09:55:17.806	-0.1	T__								---			6622694	FDSN	GE	--	BUD	iLoc	HHE	???	_
VYHS	1.52	20.5	Sn	09:55:17.880	-0.2	T__								---			6622695	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/02	07:56:34.02	1.16	1.13	47.0898	18.0162	9.2	5.1	153	0.0f	6	3	145	0.32	1.00	sx	BUD	17001328	BUD				252

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	17001328

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.32	31.2	Pg	07:56:41.558	0.6					T__		187.5		---	ML	1.5	6625177	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.32	31.2	Lg	07:56:45.703	-1.2					T__				---		6625173	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MPLH	0.34	284.1	Pg	07:56:41.762	0.5					T__		112.9		---	ML	1.3	6625178	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.34	284.1	Lg	07:56:46.187	-0.8					T__				---		6625174	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOVH	1.00	176.7	Pn	07:56:54.569	0.4					T__		22.4		---	ML	1.4	6625176	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.00	176.7	Lg	07:57:08.054	-1.0					T__				---		6625175	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/02	08:46:21.07	1.13	1.49	48.6221	21.3316	6.5	4.6	52	0.0f	11	6	161	0.33	1.30	sx	BUD	17001330	BUD				224

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	5 BUD	17001330

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.33	190.6	Pg	08:46:29.201	1.2					T__		101.0		---	ML	1.2	6625272	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.33	190.6	Lg	08:46:32.033	-1.9					T__				---		6625273	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
KECS	0.58	256.4	Pg	08:46:33.672	1.0					T__		152.8		---	ML	2.0	6625274	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.58	256.4	Lg	08:46:40.675	-0.8					T__				---		6625275	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
HU02A	0.73	227.4	Pg	08:46:36.503	0.2					T__		48.9		---	ML	1.6	6625277	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	227.4	Lg	08:46:45.965	-1.8					T__				---		6625276	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
TRPA	0.94	121.0	Pg	08:46:39.781	0.4					T__		69.2		---	ML	1.9	6625279	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

```

TRPA 0.94 121.0 Lg 08:46:52.298 -2.2 T__ --- 6625278 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.05 319.9 Pg 08:46:41.122 0.3 T__ 18.9 --- ML 1.4 6625280 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.05 319.9 Lg 08:46:55.874 -0.7 T__ --- 6625281 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
LTVH 1.30 162.6 Sn 08:47:02.877 -1.6 T__ --- 6625282 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/02 09:36:18.77 2.30 0.96 48.6080 20.7458 16.7 4.9 0 0.0f 7 4 227 0.21 1.27 sx BUD 17001332 BUD 291

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.1 3 BUD 17001332

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.21 234.3 Pg 09:36:23.084 -0.2 T__ 461.5 --- ML 1.6 6625352 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 234.3 Lg 09:36:27.331 0.6 T__ --- 6625353 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.45 133.3 Pg 09:36:28.038 0.0 T__ 37.0 --- ML 1.1 6625355 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.45 133.3 Lg 09:36:35.824 0.0 T__ --- 6625354 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.51 196.9 Pg 09:36:29.379 -0.1 T__ 22.5 --- ML 1.1 6625356 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.51 196.9 Lg 09:36:37.426 -0.2 T__ --- 6625357 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
VYHS 1.27 265.6 Sn 09:37:00.373 -1.8 T__ --- 6625358 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/03 05:32:17.58 1.13 0.34 47.3344 18.2481 10.9 2.4 115 0.0f 9 5 201 0.03 0.32 kx BUD 17001336 BUD 277
2021/06/03 05:32:16.98 0.94 0.59 47.3167 18.3081f 0.0f 9 5 248 0.06 0.33 kx BUD_GT 17001337 BUD_GT 284

```

```

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

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 4 BUD_GT 17001337

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.06 325.1 Pg 05:32:18.992 0.2 T__ 1721.6 --- ML 1.7 6625705 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 325.1 Lg 05:32:20.165 -0.6 T__ --- 6625706 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW2 0.07 257.7 Pg 05:32:19.284 0.3 T__ 973.9 --- ML 1.5 6625710 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 257.7 Lg 05:32:20.500 -0.6 T__ --- 6625711 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW1 0.08 336.4 Pg 05:32:19.758 0.4 T__ 887.4 --- ML 1.5 6625713 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 336.4 Lg 05:32:21.015 -0.6 T__ --- 6625712 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU08A 0.29 293.8 Lg 05:32:27.448 -1.0 T__
HU09A 0.33 8.9 Pg 05:32:24.626 0.7 T__ 163.3 --- ML 1.4 6625709 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.33 8.9 Lg 05:32:29.758 -0.2 T__ --- 6625708 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/03 07:22:41.69 2.69 0.39 46.4089 18.9812 25.2 4.1 178 5.3 0.6 6 3 245 0.13 0.69 ke BUD 17001338 BUD 347

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 3 BUD 17001338

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU22A 0.13 127.9 Pg 07:22:44.942 0.2 T__ 1700.2 _c_ ML 1.9 6627043 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU22A 0.13 127.9 Lg 07:22:47.065 -0.3 T__ --- 6627048 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 0.30 230.5 Pg 07:22:48.239 0.2 T__ 87.7 --- ML 1.1 6627045 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.30 230.5 Lg 07:22:52.616 -0.2 T__ --- 6627044 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KOVH 0.69 242.6 Pg 07:22:55.503 -0.1 T__ 27.0 --- ML 1.3 6627046 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.69 242.6 Lg 07:23:04.816 -0.2 T__ --- 6627047 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/04 07:16:55.02 4.11 1.79 46.8712 22.3173 42.4 6.2 161 0.0f 6 3 249 0.28 1.51 sx BUD 17001340 BUD 310

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17001340

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.28 106.3 Pg 07:17:00.844 -0.1 T__ 195.0 --- ML 1.4 6630435 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.28 106.3 Lg 07:17:05.761 -0.1 T__ --- 6630436 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SIRR 0.76 217.2 Pg 07:17:10.380 0.0 T__ 23.3 --- ML 1.3 6630438 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.76 217.2 Lg 07:17:21.109 -0.7 T__ --- 6630437 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
GZR 1.51 167.6 Pn 07:17:24.685 1.9 T__ 35.0 --- ML 1.9 6630439 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.51 167.6 Sn 07:17:46.291 2.4 T__ --- 6630440 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

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

```

2021/06/04 07:22:52.52 1.66 0.52 47.9760 20.3653 17.0 3.8 143 0.0f 8 5 217 0.18 0.53 kx BUD 17001342 BUD 241  
 2021/06/04 07:22:52.52 0.95 0.46 47.9767 20.3679f 0.0f 8 5 218 0.18 0.53 kx BUD\_GT 17001343 BUD\_GT 241  
 (locality : Eger-III. Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.1 3 BUD\_GT 17001343

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU02A	0.18	35.8	Pg	07:22:56.963	0.2					T__		319.3		---	ML	1.3 6630467	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	07:22:59.904	-0.4					T__				---		6630468	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
PSZ	0.32	259.8	Pg	07:23:00.170	0.3					T__		58.4		---	ML	1.0 6630466	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	259.8	Lg	07:23:04.437	-1.0					T__				---		6630469	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
ET1H	0.35	253.9	Lg	07:23:05.662	-0.2					T__				---		6630470	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.51	8.8	Lg	07:23:10.821	-0.0					T__				---		6630471	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.53	12.4	Pg	07:23:03.541	0.3					T__		29.5		---	ML	1.2 6630464	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	07:23:11.407	-0.1					T__				---		6630465	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/04	08:41:16.10	0.95	0.89	48.5239	17.4543	7.0	3.3	124	0.0f		7	5	124	0.19	0.92	sx	BUD	17001344	BUD			192

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.19	218.1	Pg	08:41:20.849	0.3					T__				---		6632401	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.19	218.1	Lg	08:41:23.009	-1.2					T__				---		6632402	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.36	23.1	Pg	08:41:23.903	-0.0					T__		113.8		---	ML	1.4 6632403	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	23.1	Lg	08:41:29.351	-0.8					T__				---		6632406	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
ZST	0.40	215.7	Lg	08:41:30.683	-0.4					T__				---		6632404	FDSN	SK	--	BUD	iLoc	HHE	???	_
KRUC	0.88	308.0	Lg	08:41:46.860	0.8					T__				---		6632407	FDSN	CZ	--	BUD	iLoc	HHE	???	_
VYHS	0.92	91.3	Lg	08:41:48.564	0.6					T__				---		6632405	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/04	11:06:23.88	1.63	0.60	48.0374	19.6238	10.2	4.5	135	0.0f		8	5	225	0.13	0.76	sx	BUD	17001346	BUD			279

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 4 BUD 17001346

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU03A	0.13	186.9	Pg	11:06:27.213	0.1					T__		650.8		---	ML	1.5 6632430	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	186.9	Lg	11:06:29.511	-0.2					T__				---		6632432	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								

```

(Station ML: 1.5 magdef=1
PSZ 0.22 123.1 Pg 11:06:29.358 0.3 T__ 443.0 ___ ML 1.6 6632429 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.22 123.1 Lg 11:06:32.014 -1.1 T__ ___ 6632433 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.23 133.5 Pg 11:06:29.665 0.5 T__ 120.4 ___ ML 1.0 6632434 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.23 133.5 Lg 11:06:33.138 0.0 T__ ___ 6632428 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.61 81.7 Pg 11:06:36.458 -0.2 T__ 38.4 ___ ML 1.4 6632435 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JUS 0.76 52.8 Lg 11:06:50.811 0.1 T__ ___ 6632431 FDSN ZJ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/04 11:14:40.25 0.93 0.84 48.3807 18.2349 5.7 3.6 2 0.0f 8 5 111 0.37 0.78 sx BUD 17001348 BUD 205

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A338A 0.37 167.8 Lg 11:14:53.405 -1.1 T__ 6632464 FDSN Z3 00 BUD iLoc HH3 ??? _
VYHS 0.42 74.0 Pg 11:14:49.419 0.6 T__ 14.7 ___ ML 0.6 6632466 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.42 74.0 Lg 11:14:54.609 -0.6 T__ ___ 6632460 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
JAVC 0.61 322.2 Pg 11:14:53.107 0.2 T__ 30.6 ___ ML 1.3 6632467 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.61 322.2 Lg 11:15:01.575 -1.0 T__ ___ 6632461 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 0.64 269.7 Pg 11:14:54.113 0.7 T__ ___ 6632465 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.64 269.7 Lg 11:15:03.071 -0.4 T__ ___ 6632462 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.78 256.7 Lg 11:15:07.541 -0.3 T__ ___ 6632463 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/04 14:48:31.93 2.48 0.84 47.6901 19.7624 16.1 5.0 172 0.0f 10 6 237 0.20 0.96 sx BUD 17001350 BUD 283

```

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 4 BUD 17001350

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.20 21.2 Pg 14:48:37.162 0.5 T__ 488.3 ___ ML 1.6 6632817 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.20 21.2 Lg 14:48:39.972 -0.4 T__ ___ 6632816 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.24 332.9 Pg 14:48:38.124 0.8 T__ 216.7 ___ ML 1.3 6632812 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.24 332.9 Lg 14:48:40.780 -0.7 T__ ___ 6632813 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.25 21.2 Pg 14:48:38.073 0.4 T__ 432.2 ___ ML 1.6 6632810 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.25 21.2 Lg 14:48:42.057 -0.2 T__ ___ 6632811 FDSN GE -- BUD iLoc HHN ??? _

```

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 HU10A 0.53 287.5 Lg 14:48:50.443 -1.2 T\_\_ --- 6632818 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 HU02A 0.67 49.6 Lg 14:48:56.112 -0.6 T\_\_ --- 6632819 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 JOS 0.96 32.6 Pg 14:48:51.558 0.5 T\_\_ 29.5 --- ML 1.5 6632814 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 0.96 32.6 Lg 14:49:04.430 -1.1 T\_\_ --- 6632815 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/07	11:02:16.24	0.97	0.61	48.9553	21.2380	5.9	4.5	164	0.0f	13	7	144	0.65	1.37	sx	BUD	17001356	BUD				232

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	17001356

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.65	225.4	Pg	11:02:28.433	-0.8					T__		39.3		---	ML	1.5	6641505	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	225.4	Lg	11:02:39.160	0.2					T__				---		6641504	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
ABAH	0.66	179.9	Lg	11:02:40.408	0.1					T__				---		6641511	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOLS	0.68	91.5	Pg	11:02:29.353	0.0					T__				---		6641502	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.68	91.5	Lg	11:02:40.385	-0.0					T__				---		6641503	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.69	226.8	Pg	11:02:30.397	0.5					T__	70.7			---	ML	1.7	6641513	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.69	226.8	Lg	11:02:40.510	0.3					T__				---		6641512	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
NIE	0.77	307.3	Pg	11:02:30.908	0.1					T__	26.0			---	ML	1.3	6641514	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.77	307.3	Lg	11:02:41.305	-0.5					T__				---		6641506	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
HU02A	0.96	209.9	Pn	11:02:35.788	-0.2					T__	23.7			---	ML	1.4	6641508	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	209.9	Lg	11:02:49.988	-0.1					T__				---		6641507	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
PSZ	1.37	221.3	Pn	11:02:43.041	1.2					T__	34.4			---	ML	1.8	6641509	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.37	221.3	Sn	11:03:03.166	1.1					T__				---		6641510	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/07	17:54:12.63	2.04	1.32	47.6474	16.3517	20.2	4.4	14	8.5	8.0	10	6	127	0.06	1.42	ke	BUD	17001358	BUD				235

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.3	4 BUD	17001358

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.06	324.5	Pg	17:54:14.763	-0.1					T__		133.2		_c_	ML	0.6	6641545	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.06	324.5	Lg	17:54:16.849	0.3					T__				---		6641546	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1																									

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(Station ML: 0.6 magdef=1
SOP 0.14 75.5 Pg 17:54:15.806 -0.2 T__ 72.7 _c_ ML 0.6 6641548 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.14 75.5 Lg 17:54:18.711 0.3 T__ --- 6641547 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CONA 0.43 310.6 Pg 17:54:21.468 -0.0 T__ 28.5 --- ML 1.0 6641549 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.43 310.6 Lg 17:54:27.056 -0.4 T__ --- 6641550 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MODS 0.96 40.2 Pg 17:54:31.600 -0.2 T__ --- 6641551 FDSN SK -- BUD iLoc HHZ ??? _
KOGS 1.20 183.3 Sn 17:54:52.312 1.3 T__ --- 6641552 FDSN SL -- BUD iLoc BHE ??? _
KRUC 1.42 1.2 Pn 17:54:38.902 0.9 T__ 18.2 --- ML 1.5 6641554 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.42 1.2 Sn 17:54:59.465 2.7 T__ --- 6641553 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/08 07:01:06.02 0.99 1.08 47.9637 19.4154 6.3 4.1 9 0.0f 14 9 126 0.14 1.47 kx BUD 17001366 BUD 137
2021/06/08 07:01:05.74 0.89 1.08 47.8920 19.4049f 0.0f 14 9 153 0.13 1.51 kx BUD_GT 17001367 BUD_GT 167
(locality : Bercel Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 5 BUD_GT 17001367

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.13 84.8 Pg 07:01:10.433 1.5 T__ 1097.0 --- ML 1.7 6644060 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.13 84.8 Lg 07:01:12.445 1.0 T__ --- 6644061 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
HU10A 0.26 259.9 Lg 07:01:16.729 0.5 T__ --- 6644065 FDSN ZJ 00 BUD iLoc HHZ ??? _
ET1H 0.31 92.2 Pg 07:01:12.072 -0.7 T__ 70.4 --- ML 1.0 6644064 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.31 92.2 Lg 07:01:17.362 -0.6 T__ --- 6644063 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
PSZ 0.33 85.2 Pg 07:01:12.711 -0.5 T__ 120.0 --- ML 1.3 6644058 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 85.2 Lg 07:01:18.480 -0.5 T__ --- 6644062 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
VYHS 0.71 327.9 Lg 07:01:29.245 -1.6 T__ --- 6644066 FDSN SK -- BUD iLoc HHE ??? _
HU02A 0.79 72.6 Pg 07:01:22.093 -0.0 T__ 36.6 --- ML 1.5 6644068 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 72.6 Lg 07:01:33.492 -0.9 T__ --- 6644067 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.97 51.1 Pg 07:01:25.371 0.3 T__ 33.9 --- ML 1.6 6644069 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 51.1 Lg 07:01:38.409 -1.8 T__ --- 6644070 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A 1.10 245.8 Lg 07:01:45.189 0.5 T__ --- 6644071 FDSN ZJ 00 BUD iLoc HHE ??? _
JAVC 1.51 310.6 Sn 07:01:57.562 1.9 T__ --- 6644059 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/08	07:57:45.65	1.63	0.98	47.3766	18.4152	11.1	6.0	128	0.0f	12	9	109	0.11	1.31	sx	BUD	17001368	BUD				142

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	17001368

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	262.8	Pg	07:57:48.874	0.5					T__		1161.2		___	ML	1.7	6644146	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	262.8	Lg	07:57:50.253	-0.8					T__				---		6644147	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MSW1	0.11	278.8	Lg	07:57:50.565	-0.6					T__				---		6644153	FDSN	HU	--	BUD	iLoc	HNN	???	_	
MSW2	0.16	241.9	Pg	07:57:49.974	0.6					T__		225.5		---	ML	1.1	6644154	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.16	241.9	Lg	07:57:51.863	-1.0					T__				---		6644155	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW3	0.20	272.0	Pg	07:57:51.190	1.1					T__		404.1		---	ML	1.5	6644157	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.20	272.0	Lg	07:57:53.162	-0.9					T__				---		6644156	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	1.11	62.4	Sn	07:58:22.960	-1.5					T__				---		6644148	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.14	61.0	Sn	07:58:25.344	-0.4					T__				---		6644149	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.15	14.0	Lg	07:58:24.748	-1.1					T__				---		6644150	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORH	1.17	172.2	Sn	07:58:24.897	-0.8					T__				---		6644151	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.31	189.7	Sn	07:58:29.069	0.0					T__				---		6644152	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/08	09:14:51.89	1.29	0.93	46.1445	17.9937	11.7	4.0	49	0.0f	8	6	206	0.09	1.07	kx	BUD	17001370	BUD				253
2021/06/08	09:14:51.96	0.97	0.84	46.1204	18.0243f				0.0f	8	6	211	0.06	1.10	kx	BUD_GT	17001371	BUD_GT				255
(locality : Bükkösd Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.06	121.4	Pg	09:14:54.865	1.0					T__		2196.1		___	ML	1.8	6644258	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	09:14:55.908	0.2					T__				---		6644259	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A265A	0.34	332.5	Pg	09:14:58.680	-0.7					T__		286.2		___	ML	1.7	6644253	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.34	332.5	Lg	09:15:03.685	-1.2					T__				---		6644257	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A266A	0.44	22.3	Lg	09:15:09.114	0.8					T__				---		6644260	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
MORH	0.44	77.4	Lg	09:15:08.142	-0.2					T__				---		6644254	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
HU22A	0.80	74.5	Lg	09:15:20.435	-0.8					T__				---		6644255	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MPLH	1.10	342.5	Sn	09:15:29.160	-0.8					T__				---		6644256	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/08	10:18:14.56	3.89	0.12	48.7397	21.0490	22.1	18.5	27	0.0f	6	3	333	0.42	0.71	sx	BUD	17001372	BUD				358

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	17001372

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.42	234.4	Pg	10:18:22.945	-0.0					T__		36.7		---	ML	1.0	6644280	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.42	234.4	Lg	10:18:29.322	-0.0					T__				---		6644283	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.45	235.7	Pg	10:18:23.764	0.1					T__		71.3		---	ML	1.4	6644281	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	235.7	Lg	10:18:30.552	-0.1					T__				---		6644284	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.71	209.7	Pg	10:18:29.203	-0.1					T__		32.3		---	ML	1.4	6644282	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	209.7	Lg	10:18:40.498	0.2					T__				---		6644285	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/08	14:22:45.02	1.86	2.04	45.5097	16.0769	15.1	7.4	13	6.7	12.6	40	31	172	0.32	4.60	ke	BUD	17001374	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.1	16 BUD	17001374

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZAG	0.32	348.8	Pg	14:22:51.839	0.3					T__		24966.6		---	ML	3.6	6645054	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.32	348.8	Lg	14:22:57.766	1.6					T__				---		6645067	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.6 magdef=1)																									
(Station ML: 3.6 magdef=1)																									
PTJ	0.40	349.2	Pg	14:22:52.440	-0.9					T__		7645.3		---	ML	3.3	6645038	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=1)																									
CRES	0.54	306.3	Pg	14:22:54.876	-0.6					T__		1626.0		---	ML	3.0	6645055	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.54	306.3	Lg	14:23:04.035	0.6					T__				---		6645056	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
KOGS	0.95	7.3	Pg	14:23:02.435	-0.7					T__		3026.9		---	ML	3.5	6645059	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.95	7.3	Sn	14:23:17.976	-0.1					T__				---		6645060	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 3.5 magdef=1)																									
(Station ML: 3.5 magdef=1)																									
A264A	1.07	52.1	Sn	14:23:19.449	-1.5					T__				---		6645068	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BEHE	1.08	26.6	Pn	14:23:05.287	-0.7					T__		5058.0		---	ML	3.8	6645061	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.08	26.6	Sn	14:23:21.045	-0.2					T__				---		6645062	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.8 magdef=1)																									
(Station ML: 3.8 magdef=0)																									
BLY	1.09	133.8	Pn	14:23:02.996	-3.5					T__		1138.8		---	ML	3.2	6645057	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.09	133.8	Sn	14:23:16.540	-5.6					T__				---		6645058	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=1)																									
A273A	1.28	70.9	Lg	14:23:25.201	-1.2					T__				---		6645069	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A263A	1.42	36.9	Sn	14:23:28.962	-0.3					T__				---		6645070	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
OBKA	1.46	313.7	Pg	14:23:12.338	0.5					T__		1024.6		---	ML	3.3	6645039	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 3.3 magdef=1)		(Station ML: 3.3 magdef=1)																	
A265A	1.51	52.0	Lg	14:23:30.732	-2.8	T__				6645071	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOVH	1.53	67.0	Pn	14:23:09.458	-2.5	T__	405.0	---	ML	3.0	6645063	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.53	67.0	Sn	14:23:28.125	-3.9	T__		---			6645064	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.0 magdef=1)		(Station ML: 3.0 magdef=0)																	
ARSA	1.78	347.8	Pn	14:23:15.488	-0.5	T__	470.6	---	ML	3.2	6645040	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.78	347.8	Sn	14:23:40.025	1.7	T__		---			6645072	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1)		(Station ML: 3.2 magdef=1)																	
TIH	1.88	41.6	Pg	14:23:24.640	4.5	---		---			6645043	FDSN	HU	--	BUD	iLoc	HHZ	???	_
MORH	1.93	67.6	Pn	14:23:14.996	-2.4	T__	416.0	---	ML	3.2	6645065	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)		(Station ML: 3.2 magdef=1)																	
MPLH	1.95	30.9	Pg	14:23:21.020	-0.4	T__	483.2	---	ML	3.3	6645041	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.3 magdef=1)		(Station ML: 3.3 magdef=1)																	
EGYH	2.10	24.0	Pg	14:23:31.630	7.5	---		---			6645045	FDSN	HU	--	BUD	iLoc	HHZ	???	_
EGYH	2.10	24.0	Lg	14:23:53.963	1.6	T__		---			6645073	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	2.20	3.9	Pn	14:23:21.758	0.1	T__	272.9	---	ML	3.2	6645042	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)		(Station ML: 3.2 magdef=1)																	
SOP	2.20	8.5	Pn	14:23:20.316	-1.2	T__	216.6	---	ML	3.1	6645066	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)		(Station ML: 3.1 magdef=0)																	
A267A	2.20	48.4	Lg	14:23:56.397	0.4	T__		---			6645074	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A018A	2.34	343.2	Lg	14:24:03.256	4.1	T__		---			6645076	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A272A	2.36	57.4	Lg	14:24:01.264	0.2	T__		---			6645075	FDSN	Z3	00	BUD	iLoc	HHN	???	_
CONA	2.42	356.6	Pn	14:23:24.928	-0.0	T__	196.4	---	ML	3.1	6645044	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)		(Station ML: 3.1 magdef=1)																	
HU09A	2.66	35.9	Sn	14:24:00.822	1.2	T__		---			6645079	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU21A	2.68	70.8	Lg	14:24:10.557	-1.1	T__		---			6645077	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU04A	2.70	59.9	Lg	14:24:11.884	-0.4	T__		---			6645078	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
BUD	2.84	44.8	Pg	14:23:40.150	1.9	T__		---			6645047	FDSN	HU	--	BUD	iLoc	HHZ	???	_
MODS	2.98	15.6	Pg	14:23:47.010	6.2	---		---			6645049	FDSN	SK	--	BUD	iLoc	HHZ	???	_
HU01A	3.06	51.9	Lg	14:24:23.832	-0.5	T__		---			6645080	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
CKRC	3.52	340.6	Pn	14:23:40.680	0.7	T__	323.2	---	ML	4.0	6645048	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.0 magdef=1)		(Station ML: 4.0 magdef=0)																	
KRUC	3.56	3.4	Pg	14:23:52.208	1.5	T__		---			6645050	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
PSZ	3.56	46.1	Pg	14:24:00.960	8.1	---		---			6645053	FDSN	GE	--	BUD	iLoc	HHZ	???	_
BZS	3.89	86.5	Pg	14:24:00.369	4.2	T__		---			6645052	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	3.97	77.0	Pn	14:23:37.769	-8.3	---		---			6645046	FDSN	RO	--	BUD	iLoc	BHZ	???	_
SIRR	3.97	77.0	Lg	14:24:53.258	0.7	T__		---			6645081	FDSN	RO	--	BUD	iLoc	BHE	???	_
HU02A	4.02	47.9	Lg	14:24:56.798	0.9	T__		---			6645082	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PRU	4.60	347.5	Pn	14:23:57.888	3.0	T__	80.3	---	ML	3.7	6645051	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
PRU	4.60	347.5	Lg	14:25:17.595	8.6	---		---			6645083	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 3.7 magdef=1)		(Station ML: 3.7 magdef=0)																	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/09	05:53:53.10	1.16	1.03	47.3175	18.3351	9.6	5.1	79	0.0f		13	9	109	0.07	1.27	kx	BUD	17001376	BUD			153
2021/06/09	05:53:53.15	0.93	0.92	47.3167	18.3081f				0.0f		13	9	111	0.06	1.27	kx	BUD_GT	17001377	BUD_GT			151

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD_GT	17001377

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	05:53:55.600	0.6					T__		2494.2		---	ML	1.9	6647182	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	05:53:56.238	-0.7					T__				---		6647183	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
MSW1	0.08	336.4	Pg	05:53:56.076	0.6					T__		1798.1		---	ML	1.8	6647192	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	336.4	Lg	05:53:57.259	-0.5					T__				---		6647193	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
MSW3	0.14	298.3	Pg	05:53:57.353	0.8					T__		425.8		---	ML	1.3	6647194	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU09A	0.33	8.9	Lg	05:54:05.261	-0.8					T__				---		6647189	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	1.13	168.1	Lg	05:54:30.793	-1.1					T__				---		6647184	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	1.23	16.6	Pg	05:54:17.461	-0.6					T__		10.2		---	ML	1.2	6647185	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.23	16.6	Sn	05:54:34.529	-1.0					T__				---		6647190	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																									
PSZ	1.23	60.1	Pn	05:54:17.410	0.7					T__		36.2		---	ML	1.7	6647186	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	60.1	Sn	05:54:34.522	-0.9					T__				---		6647187	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KOVH	1.24	186.7	Sn	05:54:34.419	-0.4					T__				---		6647188	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MODS	1.27	327.1	Sn	05:54:34.427	-1.9					T__				---		6647191	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/09	08:46:04.35	1.01	1.07	46.1871	18.2768	9.1	3.7	152	0.0f		6	4	147	0.16	1.04	kx	BUD	17001378	BUD			274
2021/06/09	08:46:04.37	1.00	0.93	46.1765	18.2926f				0.0f		6	4	155	0.16	1.05	kx	BUD_GT	17001379	BUD_GT			275

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

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	08:46:08.468	0.2					T__		616.3		---	ML	1.5	6647268	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:46:10.614	-0.7					T__				---		6647269	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
MORH	0.25	80.9	Pg	08:46:10.307	0.4					T__		254.4		---	ML	1.4	6647271	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:46:14.138	-0.2					T__				---		6647270	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
A266A	0.35	356.8	Lg	08:46:17.173	-0.6					T__				---		6647273	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

A271A	1.05	20.7	Sn	08:46:39.473	-1.8				T__					6647272	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/06/09	09:12:16.02	1.03	0.61	48.2434	21.2364	5.4	3.6	130	0.0f		15	9	131	0.05	1.33	sx	BUD	17001380	BUD			183			
Magnitude	Err	Nsta	Author	OrigID																					
ML	2.2	0.1	7	BUD	17001380																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	2.4	Pg	09:12:17.750	0.1					T__		17465.2		_c_	ML	2.7	6647313	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	2.4	Lg	09:12:18.619	-0.7					T__				---		6647314	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.7 magdef=1)																					
				(Station ML: 2.7 magdef=1)																					
HU02A	0.49	256.0	Pg	09:12:26.415	-0.0					T__		118.2		---	ML	1.7	6647307	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	256.0	Lg	09:12:34.230	-0.2					T__				---		6647306	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=0)																					
JOS	0.53	298.8	Pg	09:12:27.079	0.4					T__		106.0		---	ML	1.8	6647308	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.8	Lg	09:12:34.478	-0.3					T__				---		6647315	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
KECS	0.56	295.9	Pg	09:12:27.845	0.6					T__		232.8		---	ML	2.2	6647309	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.9	Lg	09:12:35.628	-0.1					T__				---		6647316	FDSN	SK	--	BUD	iLoc	EHE	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
TRPA	0.88	96.9	Pg	09:12:32.997	-0.2					T__		166.4		---	ML	2.2	6647317	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
HU23A	0.90	228.0	Pn	09:12:34.734	0.1					T__		633.6		---	ML	2.8	6647318	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.90	228.0	Lg	09:12:47.580	-0.8					T__				---		6647319	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.8 magdef=1)																					
				(Station ML: 2.8 magdef=0)																					
PSZ	0.96	250.6	Pn	09:12:36.241	0.5					T__		118.8		---	ML	2.1	6647320	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:12:50.013	-0.5					T__				---		6647311	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
KOLS	0.97	44.5	Pg	09:12:35.507	0.9					T__				---		6647310	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
NIE	1.33	332.6	Lg	09:12:59.412	-1.2					T__				---		6647312	FDSN	PL	--	BUD	iLoc	BHE	???	_	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/06/10	07:14:21.02	0.91	1.24	47.6925	18.5755	4.3	3.2	119	0.0f		20	13	135	0.14	1.11	sx	BUD	17001386	BUD			137			
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.8	0.3	7	BUD	17001386																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.14	247.6	Pg	07:14:24.700	0.3					T__		2714.8		_c_	ML	2.1	6648948	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.14	247.6	Lg	07:14:25.892	-1.5					T__				---		6648949	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					

SR0	0.21	304.4	Pg	07:14:26.339	0.6	T__	5415.3	---	ML	2.6	6648947	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.21	304.4	Lg	07:14:29.990	0.1	T__		---			6648946	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
MSW1	0.37	215.7	Pg	07:14:29.402	0.6	T__	207.3	---	ML	1.6	6648961	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.37	215.7	Lg	07:14:34.082	-1.3	T__		---			6648962	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
CSKK	0.39	213.0	Pg	07:14:29.915	0.7	T__	299.3	---	ML	1.9	6648950	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.39	213.0	Lg	07:14:34.683	-1.5	T__		---			6648951	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MSW3	0.43	224.7	Lg	07:14:36.973	-0.5	T__		---			6648963	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW2	0.46	212.5	Pg	07:14:31.467	0.9	T__	101.6	---	ML	1.6	6648965	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.46	212.5	Lg	07:14:38.028	-0.5	T__		---			6648964	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU08A	0.51	239.6	Lg	07:14:38.036	-2.0	T__		---			6648952	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
VYHS	0.82	12.2	Lg	07:14:49.779	-0.1	T__		---			6648953	FDSN	SK	--	BUD	iLoc	HHN	???	_
MPLH	0.88	233.8	Pg	07:14:40.466	1.8	T__	71.6	---	ML	1.8	6648954	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.88	233.8	Lg	07:14:52.535	1.0	T__		---			6648955	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
EGYH	0.89	252.3	Lg	07:14:51.269	-0.7	T__		---			6648956	FDSN	HU	--	BUD	iLoc	HHN	???	_
ET1H	0.89	77.5	Pn	07:14:40.466	0.7	T__	31.8	---	ML	1.5	6648958	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.89	77.5	Lg	07:14:51.939	-1.2	T__		---			6648957	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
PSZ	0.92	75.3	Lg	07:14:52.908	-1.4	T__		---			6648959	FDSN	GE	--	BUD	iLoc	HHN	???	_
MODS	1.11	308.5	Lg	07:14:58.198	-2.1	T__		---			6648960	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/10	09:40:28.00	4.44	0.87	46.9314	22.3108	40.8	7.0	166	0.0f		7	4	262	0.31	1.57	sx	BUD	17001388	BUD			313

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	17001388

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.31	116.8	Pg	09:40:34.350	-0.1					T__		192.7			ML	1.4	6649750	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.31	116.8	Lg	09:40:39.789	0.1					T__						6649751	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
SIRR	0.80	214.3	Pg	09:40:44.334	0.1					T__		30.7			ML	1.4	6649753	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.80	214.3	Lg	09:40:55.733	-0.7					T__						6649752	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
BZS	1.40	200.4	Sn	09:41:14.135	0.4					T__						6649754	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.57	167.9	Pn	09:40:57.372	0.7					T__		35.3			ML	1.9	6649756	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.57	167.9	Sn	09:41:19.723	1.3					T__						6649755	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/10	09:51:01.55	1.26	0.84	47.2301	18.2794	7.3	4.6	112	0.0f	14	9	170	0.09	1.15		kx	BUD	17001390	BUD			191
2021/06/10	09:51:01.52	0.91	0.78	47.2302	18.2835f				0.0f	14	9	172	0.09	1.15		kx	BUD_GT	17001391	BUD_GT			192

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	5 BUD_GT	17001391

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW2	0.09	325.6	Pg	09:51:04.053	0.1					T__		536.1		___	ML	1.3	6649811	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	325.6	Lg	09:51:05.347	-1.0					T__				---		6649812	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
CSKK	0.13	353.3	Pg	09:51:05.312	0.5					T__		380.4		___	ML	1.3	6649803	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:51:07.249	-0.7					T__				---		6649804	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
MSW1	0.16	354.2	Pg	09:51:06.156	0.7					T__		223.5		___	ML	1.1	6649814	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.16	354.2	Lg	09:51:08.259	-0.7					T__				---		6649813	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
MSW3	0.19	325.1	Pg	09:51:06.918	1.1					T__		133.6		___	ML	0.9	6649815	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.19	325.1	Lg	09:51:09.252	-0.4					T__				---		6649816	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0)																									
HU08A	0.32	309.6	Lg	09:51:13.358	-0.7					T__				---		6649805	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.51	263.5	Pg	09:51:12.837	0.7					T__		60.6		___	ML	1.5	6649807	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	09:51:19.244	-0.9					T__				---		6649806	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
MORH	1.05	166.2	Lg	09:51:36.678	-0.9					T__				---		6649808	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A337A	1.07	342.0	Sn	09:51:38.988	-0.5					T__				---		6649809	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
KOVH	1.15	186.4	Sn	09:51:40.105	-0.9					T__				---		6649810	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/10	14:48:14.88	1.50	0.40	47.3068	18.0998	8.2	5.7	168	8.1	11.0	10	6	122	0.08	1.15		ke	BUD	17001392	BUD			212

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.2	4 BUD	17001392

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW2	0.08	93.4	Pg	14:48:17.397	0.2					T__		442.5		_c_	ML	1.2	6650405	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	93.4	Lg	14:48:19.104	-0.2					T__				---		6650404	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
MSW3	0.08	13.2	Pg	14:48:17.416	0.2					T__		178.8		_d_	ML	0.8	6650402	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.08	13.2	Lg	14:48:19.047	-0.3					T__				---		6650403	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																									

CSKK	0.12	62.7	Pg	14:48:18.126	0.1	T__	246.1	___	ML	1.0	6650406	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.12	62.7	Lg	14:48:20.735	0.0	T__		---			6650407	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
MSW1	0.14	51.4	Pg	14:48:18.356	0.1	T__	152.0	_d	ML	0.9	6650409	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.14	51.4	Lg	14:48:20.927	-0.2	T__		---			6650408	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
MPLH	0.41	250.5	Lg	14:48:29.290	-0.2	T__		---			6650410	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.15	160.9	Sn	14:48:51.401	-0.8	T__		---			6650411	FDSN	HU	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/11	10:00:24.67	2.88	1.00	47.8556	20.1592	30.3	4.2	162	0.0f		7	4	234	0.19	0.69	kx	BUD	17001396	BUD			255
2021/06/11	10:00:24.66	0.98	0.58	47.8650	20.1529f				0.0f		7	4	230	0.18	0.68	kx	BUD_GT	17001397	BUD_GT			252
(locality : Kisnána Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD_GT	17001397

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.18	287.2	Pg	10:00:29.594	0.5					T__		376.5		---	ML	1.4	6653048	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:00:32.009	-0.8					T__				---		6653050	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.19	274.4	Pg	10:00:29.594	0.5					T__		309.5		---	ML	1.3	6653049	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	10:00:32.494	-0.1					T__				---		6653051	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.36	44.0	Pg	10:00:32.643	0.1					T__		66.6		---	ML	1.1	6653052	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:00:37.821	-0.8					T__				---		6653053	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.68	22.1	Pn	10:00:39.795	-0.5					T__		20.4		---	ML	1.2	6653054	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/06/12	05:10:03.34	2.65	0.77	47.4661	18.5050	17.8	6.1	103	0.0f		9	5	256	0.18	0.27	sx	BUD	17001398	BUD					338

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.3	4 BUD	17001398

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW1	0.18	246.4	Pg	05:10:07.960	0.4					T__		165.6		---	ML	1.0	6653900	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.18	246.4	Lg	05:10:10.444	-0.9					T__				---		6653904	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU09A	0.19	334.4	Lg	05:10:10.674	-0.9					T__				---		6653903	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.20	238.3	Pg	05:10:07.941	0.1					T__		118.9		---	ML	0.9	6653899	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

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CSKK 0.20 238.3 Lg 05:10:11.192 -0.6 T__ --- 6653905 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW2 0.26 230.7 Pg 05:10:09.303 0.3 T__ 27.5 --- ML 0.5 6653901 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.26 230.7 Lg 05:10:13.187 -0.8 T__ --- 6653906 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
MSW3 0.27 252.2 Pg 05:10:10.002 0.8 T__ 30.4 --- ML 0.5 6653907 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.27 252.2 Lg 05:10:14.520 0.2 T__ --- 6653902 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/12 08:41:46.86 1.00 0.21 46.1698 18.2872 9.7 3.7 155 0.0f 6 4 158 0.15 1.13 kx BUD 17001400 BUD 253
2021/06/12 08:41:46.87 1.00 0.22 46.1765 18.2926f 0.0f 6 4 155 0.16 1.12 kx BUD_GT 17001401 BUD_GT 251
(locality : Komló Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 08:41:50.700 -0.0 T__ 720.7 --- ML 1.6 6653930 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:41:53.382 -0.4 T__ --- 6653931 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 0.25 80.9 Pg 08:41:52.562 0.2 T__ 291.2 --- ML 1.5 6653933 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:41:56.735 -0.1 T__ --- 6653932 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A266A 0.35 356.8 Lg 08:42:00.385 0.1 T__ --- 6653934 FDSN Z3 00 BUD iLoc HHE ??? _
MPLH 1.12 332.7 Sn 08:42:25.418 -0.0 T__ --- 6653935 FDSN HU -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/13 00:47:50.56 1.08 0.24 47.7562 16.1673 6.0 3.5 18 10.7 9.6 12 7 98 0.10 1.32 ke BUD 17001404 BUD 178

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Magnitude Err Nsta Author OrigID  
ML 0.8 0.6 5 BUD 17001404

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.10 123.0 Pg 00:47:53.669 0.0 T__ 65.5 --- ML 0.4 6654637 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.10 123.0 Lg 00:47:55.507 -0.3 T__ --- 6654638 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=0
CONA 0.27 310.0 Pg 00:47:56.465 0.0 T__ 24.8 --- ML 0.4 6654640 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.27 310.0 Lg 00:48:00.245 -0.2 T__ --- 6654639 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
SOP 0.27 105.3 Pg 00:47:56.644 0.2 T__ 58.2 --- ML 0.8 6654641 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.27 105.3 Lg 00:48:00.571 0.1 T__ --- 6654644 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1

```

```

(Station ML: 0.8 magdef=1
A013A 0.60 301.3 Pg 00:48:02.263 0.0 T__ 34.6 --- ML 1.4 6654643 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.60 301.3 Lg 00:48:10.499 0.4 T__ --- 6654642 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
ARSA 0.67 221.0 Pg 00:48:03.610 -0.0 T__ 28.8 --- ML 1.3 6654646 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.67 221.0 Lg 00:48:12.051 -0.1 T__ --- 6654645 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 0.97 49.9 Lg 00:48:23.965 -0.3 T__ --- 6654647 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.32 6.5 Sn 00:48:31.831 -0.0 T__ --- 6654648 FDSN CZ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/14 06:37:19.93 0.92 1.12 47.3157 17.6521 5.0 3.2 156 0.0f 11 7 122 0.16 1.30 kx BUD 17001406 BUD 209
2021/06/14 06:37:19.89 0.91 0.89 47.3300 17.6350f 0.0f 11 7 129 0.17 1.31 kx BUD_GT 17001407 BUD_GT 220
(locality : Ugod Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD_GT 17001407

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MPLH 0.17 202.2 Pg 06:37:24.234 0.2 T__ 459.0 --- ML 1.4 6656813 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.17 202.2 Lg 06:37:26.834 -0.5 T__ --- 6656820 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.22 62.6 Pg 06:37:25.256 0.4 T__ 299.4 --- ML 1.4 6656816 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.22 62.6 Lg 06:37:28.780 -0.4 T__ --- 6656815 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
EGYH 0.22 293.0 Pg 06:37:26.076 1.1 T__ 958.4 --- ML 1.9 6656821 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.22 293.0 Lg 06:37:28.219 -0.9 T__ --- 6656814 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW3 0.34 80.8 Pg 06:37:27.781 0.7 T__ 197.1 --- ML 1.5 6656822 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.34 80.8 Lg 06:37:32.330 -0.9 T__ --- 6656823 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.43 85.3 Lg 06:37:34.450 -1.9 T__ --- 6656817 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.28 165.4 Lg 06:38:03.514 -0.1 T__ --- 6656818 FDSN HU -- BUD iLoc HHE ??? _
MORH 1.31 147.8 Sn 06:38:03.820 0.6 T__ --- 6656819 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/14 09:10:05.40 1.38 1.06 47.2181 18.2507 16.5 6.7 77 0.0f 6 4 177 0.09 1.32 kx BUD 17001408 BUD 284
2021/06/14 09:10:05.52 1.03 0.78 47.2302 18.2835f 0.0f 6 4 159 0.09 1.29 kx BUD_GT 17001409 BUD_GT 268
(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID

```

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.09	325.6	Pg	09:10:08.317	0.4					T__		410.9		---	ML	1.2	6656896	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	325.6	Lg	09:10:09.333	-1.0					T__				---		6656897	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=1																					
CSKK	0.13	353.3	Pg	09:10:09.417	0.6					T__		258.1		---	ML	1.1	6656892	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:10:11.614	-0.4					T__				---		6656893	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.1 magdef=1																					
				(Station ML: 1.1 magdef=1																					
MORH	1.05	166.2	Lg	09:10:40.524	-1.1					T__				---		6656894	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.29	57.1	Sn	09:10:48.696	-0.6					T__				---		6656895	FDSN	GE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/14	22:35:30.05	2.36	0.41	48.0447	20.6218	14.7	8.2	179	5.0f			7	4	261	0.10	0.48	ke	BUD	17001410	BUD			327

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.8	3 BUD	17001410

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.10	320.1	Pg	22:35:32.784	0.1					T__		47.4		_c	ML	0.3	6657761	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.10	320.1	Lg	22:35:34.500	-0.4					T__				---		6657759	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.3 magdef=1																					
				(Station ML: 0.3 magdef=1																					
KECS	0.45	348.3	Pg	22:35:39.353	0.3					T__		74.1		---	ML	1.4	6657758	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	348.3	Lg	22:35:46.095	0.2					T__				---		6657757	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.4 magdef=1																					
				(Station ML: 1.4 magdef=1																					
JOS	0.45	353.1	Pg	22:35:39.290	0.2					T__		19.8		---	ML	0.9	6657763	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.45	353.1	Lg	22:35:45.560	-0.5					T__				---		6657762	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.9 magdef=1																					
				(Station ML: 0.9 magdef=1																					
ABAH	0.48	58.5	Lg	22:35:47.346	-0.3					T__				---		6657760	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/15	08:40:16.19	1.09	0.87	47.3595	18.3937	5.5	4.2	121	0.0f			15	11	110	0.09	1.17	sx	BUD	17001412	BUD			184

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	17001412

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	272.3	Pg	08:40:18.492	-0.2					T__		2818.7		---	ML	2.0	6657888	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	272.3	Lg	08:40:20.331	-0.8					T__				---		6657889	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1																					
				(Station ML: 2.0 magdef=1																					
MSW1	0.10	290.1	Lg	08:40:20.754	-0.6					T__				---		6657898	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.14	245.3	Pg	08:40:19.987	0.5					T__		310.4		---	ML	1.2	6657900	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.14	245.3	Lg	08:40:21.939	-0.7					T__				---		6657899	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=1																					
MSW3	0.18	277.5	Pg	08:40:21.218	0.8					T__		278.1		---	ML	1.3	6657901	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

```

MSW3  0.18 277.5 Lg      08:40:23.589 -0.6      T__      ---      6657902    FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1
HU09A  0.28 358.4 Lg      08:40:27.431 -0.1      T__      ---      6657890    FDSN ZJ      00 BUD  iLoc  HHE ??? _
HU08A  0.33 282.9 Lg      08:40:28.618 -0.4      T__      ---      6657895    FDSN ZJ      00 BUD  iLoc  HHE ??? _
MPLH   0.61 252.3 Lg      08:40:38.719  0.6      T__      ---      6657891    FDSN HU      -- BUD  iLoc  HHE ??? _
HU10A  0.64  40.8 Lg      08:40:39.702 -0.5      T__      ---      6657896    FDSN ZJ      00 BUD  iLoc  HHE ??? _
MORH   1.16 171.4 Lg      08:40:55.269 -1.8      T__      ---      6657894    FDSN HU      -- BUD  iLoc  HHE ??? _
PSZ    1.16  60.6 Sn      08:40:56.392 -0.4      T__      ---      6657892    FDSN GE      -- BUD  iLoc  HHE ??? _
VYHS   1.17  14.5 Pn      08:40:39.332  0.4      T__      16.8     --- ML    1.4 6657893    FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS   1.17  14.5 Sn      08:40:55.690 -1.4      T__      ---      6657897    FDSN SK      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/06/16 07:29:05.32  1.01  0.46 46.1803  18.2818  9.3  3.7 153  0.0f  6  4 152  0.16  1.18  kx BUD      17001414  BUD      276
2021/06/16 07:29:05.33  1.00  0.29 46.1765  18.2926f  0.0f  6  4 155  0.16  1.19  kx BUD_GT  17001415  BUD_GT    275
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
KOVH  0.16 236.7 Pg      07:29:08.998 -0.2      ---  ---  ---  ---  T__      577.5  ---  --- ML    1.5 6659337  FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  0.16 236.7 Lg      07:29:12.574  0.3      ---  ---  ---  ---  T__      ---  ---  ---  6659336  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
MORH  0.25  80.9 Pg      07:29:11.158  0.3      ---  ---  ---  ---  T__      153.4  ---  --- ML    1.2 6659338  FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  0.25  80.9 Lg      07:29:14.884 -0.4      ---  ---  ---  ---  T__      ---  ---  ---  6659339  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=1
A266A 0.35 356.8 Lg      07:29:18.534 -0.2      ---  ---  ---  ---  T__      ---  ---  ---  6659340  FDSN Z3      00 BUD  iLoc  HHN ??? _
CSKK  1.19 358.9 Sn      07:29:45.908  0.0      ---  ---  ---  ---  T__      ---  ---  ---  6659341  FDSN HU      -- BUD  iLoc  HHE ??? _

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/06/16 07:41:55.97  2.64  0.97 48.3933  21.3267  16.9  5.9  74  0.0f  8  5 243  0.11  1.23  sx BUD      17001416  BUD      289

```

Magnitude Err Nsta Author OrigID  
ML 1.3 0.1 3 BUD 17001416

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
ABAH  0.11 210.8 Pg      07:41:58.979  0.2      ---  ---  ---  ---  T__      237.8  ---  --- ML    1.0 6659365  FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  0.11 210.8 Lg      07:42:00.811 -0.5      ---  ---  ---  ---  T__      ---  ---  ---  6659368  FDSN HU      -- BUD  iLoc  HHZ ??? _
(Reading ML:  1.0 magdef=1
(Station ML:  1.0 magdef=1
JOS   0.53 281.4 Pg      07:42:07.301  0.6      ---  ---  ---  ---  T__      35.8  ---  --- ML    1.3 6659364  FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.53 281.4 Lg      07:42:14.103 -0.8      ---  ---  ---  ---  T__      ---  ---  ---  6659366  FDSN ZJ      -- BUD  iLoc  HHZ ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1
KECS  0.57 279.4 Lg      07:42:15.935 -0.1      ---  ---  ---  ---  T__      ---  ---  ---  6659369  FDSN SK      -- BUD  iLoc  EHN ??? _

```

```

HU02A 0.60 243.4 Pg 07:42:08.920 0.4 T__ 29.5 ___ ML 1.3 6659363 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.60 243.4 Lg 07:42:17.680 -0.4 T__ ___ 6659367 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
NIE 1.23 326.9 Lg 07:42:35.567 -1.8 T__ ___ 6659370 FDSN PL -- BUD iLoc BHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/16 08:38:38.31 1.01 1.38 47.3223 17.6286 7.2 3.4 144 0.0f 11 8 127 0.16 1.08 sx BUD 17001418 BUD 218

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.2 3 BUD 17001418

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MPLH 0.16 201.8 Pg 08:38:42.582 0.3 T__ 450.6 ___ ML 1.4 6659513 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.16 201.8 Lg 08:38:44.221 -1.3 T__ ___ 6659514 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.23 61.4 Pg 08:38:43.350 -0.1 T__ 570.1 ___ ML 1.7 6659518 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.23 61.4 Lg 08:38:45.754 -2.1 T__ ___ 6659515 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW3 0.34 79.6 Lg 08:38:50.854 -0.9 T__ ___ 6659519 FDSN HU -- BUD iLoc HHN ??? _
MSW2 0.40 92.7 Lg 08:38:53.325 -0.4 T__ ___ 6659520 FDSN HU -- BUD iLoc HHN ??? _
CSKK 0.43 84.3 Lg 08:38:54.789 -0.2 T__ ___ 6659521 FDSN HU -- BUD iLoc HHE ??? _
MSW1 0.43 80.4 Pg 08:38:48.932 1.5 T__ 61.7 ___ ML 1.3 6659523 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.43 80.4 Lg 08:38:55.155 0.1 T__ ___ 6659522 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
RONA 0.98 293.2 Lg 08:39:11.272 0.5 T__ ___ 6659516 FDSN OE -- BUD iLoc HHE ??? _
HU10A 1.08 60.4 Sn 08:39:14.028 -2.3 T__ ___ 6659517 FDSN ZJ 00 BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/16 09:35:42.04 3.34 0.26 47.3008 18.2384 21.2 3.0 152 0.0f 6 4 261 0.02 0.25 sx BUD 17001420 BUD 317

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.02 274.7 Pg 09:35:42.886 -0.0 T__ 459.8 ___ ML 1.0 6661985 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.02 274.7 Lg 09:35:44.102 0.0 T__ ___ 6661986 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CSKK 0.06 13.5 Pg 09:35:44.068 0.1 T__ 290.3 ___ ML 0.9 6661988 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 13.5 Lg 09:35:45.839 -0.2 T__ ___ 6661987 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.11 317.2 Lg 09:35:47.889 0.3 T__ ___ 6661989 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.25 301.5 Lg 09:35:52.058 -0.3 T__ ___ 6661990 FDSN ZJ 00 BUD iLoc HHE ??? _

```

```

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

```

2021/06/16 10:24:17.01 1.76 0.85 47.8215 19.8368 13.4 4.5 168 0.0f 12 8 210 0.10 1.05 sx BUD 17001422 BUD 234

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.2 4 BUD 17001422

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.10	21.8	Pg	10:24:19.728	-0.2					T__		510.3		---	ML	1.3 6662018	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.10	21.8	Lg	10:24:23.006	0.5					T__				---		6662017	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
HU03A	0.18	297.4	Lg	10:24:23.739	-0.7					T__				---		6662022	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU02A	0.55	56.7	Pg	10:24:29.252	0.6					T__		31.9		---	ML	1.3 6662024	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.55	56.7	Lg	10:24:36.702	-1.0					T__				---		6662023	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
HU10A	0.55	272.8	Lg	10:24:37.298	-0.3					T__				---		6662025	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.79	33.0	Pg	10:24:34.095	1.2					T__		68.6		---	ML	1.8 6662027	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.79	33.0	Lg	10:24:44.600	-0.3					T__				---		6662026	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
JOS	0.82	34.6	Pg	10:24:34.033	0.6					T__		37.7		---	ML	1.5 6662019	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.82	34.6	Lg	10:24:44.463	-1.4					T__				---		6662020	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
VVHS	0.95	315.5	Lg	10:24:50.858	0.7					T__				---		6662028	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	1.05	62.7	Sn	10:24:54.298	-0.0					T__				---		6662021	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/06/16 23:35:43.94 0.76 0.86 46.8210 18.1997 3.0 2.5 105 10.4 1.7 41 24 36 0.22 1.73 ke BUD 17001426 BUD 51

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.2 21 BUD 17001426

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
TIH	0.22	290.7	Pg	23:35:48.743	-0.2					T__		818.7		_c_	ML	1.8 6663355	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
A267A	0.23	57.0	Pg	23:35:50.201	1.2					T__		446.8		---	ML	1.6 6663366	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	0.23	57.0	Lg	23:35:54.652	1.4					T__				---		6663367	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																								
A266A	0.30	171.4	Pg	23:35:50.531	0.2					T__		950.1		---	ML	2.1 6663357	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.30	171.4	Lg	23:35:54.927	-0.2					T__				---		6663356	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
MSW2	0.48	0.9	Pg	23:35:54.028	0.3					T__		72.5		---	ML	1.5 6663389	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.48	0.9	Lg	23:36:00.863	-0.9					T__				---		6663390	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																								
A265A	0.48	215.2	Pg	23:35:53.772	-0.0					T__		190.7		_d_	ML	1.9 6663360	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.48	215.2	Lg	23:36:00.530	-0.2					T__				---		6663372	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								

(Station ML: 1.9 magdef=1																				
A272A 0.53 98.0 Pg	23:35:54.927	0.2	T__	191.2	___ ML	2.1 6663358	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_									
A272A 0.53 98.0 Lg	23:36:02.643	-0.6	T__		___	6663368	FDSN Z3	00 BUD	iLoc	HHE ???	_									
(Reading ML: 2.1 magdef=1																				
(Station ML: 2.1 magdef=1																				
CSKK 0.54 4.4 Lg	23:36:02.914	-0.9	T__		___	6663373	FDSN HU	-- BUD	iLoc	HHN ???	_									
A271A 0.55 52.2 Pg	23:35:55.225	0.1	T__	165.0	___ ML	2.0 6663359	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_									
A271A 0.55 52.2 Lg	23:36:03.473	-0.4	T__		___	6663374	FDSN Z3	00 BUD	iLoc	HHN ???	_									
(Reading ML: 2.0 magdef=1																				
(Station ML: 2.0 magdef=1																				
MSW3 0.56 354.9 Lg	23:36:03.438	-0.8	T__		___	6663391	FDSN HU	-- BUD	iLoc	HHE ???	_									
MPLH 0.57 307.9 Pg	23:35:55.858	0.3	T__	65.5	___ ML	1.6 6663361	FDSN HU	-- BUD	iLoc	HHZ HHZ	_									
MPLH 0.57 307.9 Lg	23:36:03.350	-0.7	T__		___	6663381	FDSN HU	-- BUD	iLoc	HHE ???	_									
(Reading ML: 1.6 magdef=1																				
(Station ML: 1.6 magdef=1																				
MSW1 0.57 4.0 Pg	23:35:55.712	0.3	T__	71.2	___ ML	1.7 6663392	FDSN HU	-- BUD	iLoc	HHZ HHZ	_									
MSW1 0.57 4.0 Lg	23:36:03.871	-0.9	T__		___	6663393	FDSN HU	-- BUD	iLoc	HHN ???	_									
(Reading ML: 1.7 magdef=1																				
(Station ML: 1.7 magdef=1																				
A263A 0.63 253.8 Pg	23:35:56.677	0.1	T__	172.1	___ ML	2.1 6663363	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_									
A263A 0.63 253.8 Lg	23:36:04.906	-0.5	T__		___	6663394	FDSN Z3	00 BUD	iLoc	HHN ???	_									
(Reading ML: 2.1 magdef=1																				
(Station ML: 2.1 magdef=1																				
HU08A 0.64 343.0 Pg	23:35:57.125	0.4	T__	56.1	___ ML	1.6 6663362	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_									
HU08A 0.64 343.0 Lg	23:36:05.424	-1.2	T__		___	6663382	FDSN ZJ	00 BUD	iLoc	HHE ???	_									
(Reading ML: 1.6 magdef=1																				
(Station ML: 1.6 magdef=0																				
MORH 0.68 153.0 Pg	23:35:56.985	-0.4	T__	62.5	_c_ ML	1.7 6663383	FDSN HU	-- BUD	iLoc	HHZ HHZ	_									
MORH 0.68 153.0 Lg	23:36:06.082	-1.2	T__		___	6663384	FDSN HU	-- BUD	iLoc	HHE ???	_									
(Reading ML: 1.7 magdef=1																				
(Station ML: 1.7 magdef=1																				
KOVH 0.74 185.4 Pg	23:35:57.904	-0.6	T__	51.6	___ ML	1.6 6663385	FDSN HU	-- BUD	iLoc	HHZ HHZ	_									
KOVH 0.74 185.4 Lg	23:36:07.853	-0.8	T__		___	6663364	FDSN HU	-- BUD	iLoc	HHN ???	_									
(Reading ML: 1.6 magdef=1																				
(Station ML: 1.6 magdef=1																				
HU22A 0.81 127.2 Pg	23:36:00.216	0.4	T__	290.9	___ ML	2.4 6663365	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_									
HU22A 0.81 127.2 Lg	23:36:11.019	-1.5	T__		___	6663395	FDSN ZJ	00 BUD	iLoc	HHE ???	_									
(Reading ML: 2.4 magdef=1																				
(Station ML: 2.4 magdef=0																				
HU04A 0.88 90.1 Pn	23:36:01.652	0.9	T__	140.2	___ ML	2.1 6663386	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_									
HU04A 0.88 90.1 Sn	23:36:13.987	-0.0	T__		___	6663387	FDSN ZJ	00 BUD	iLoc	HHE ???	_									
(Reading ML: 2.1 magdef=1																				
(Station ML: 2.1 magdef=0																				
A264A 0.91 223.9 Pg	23:36:01.600	-0.1	T__	89.7	___ ML	2.0 6663369	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_									
A264A 0.91 223.9 Lg	23:36:14.798	1.0	T__		___	6663375	FDSN Z3	00 BUD	iLoc	HHN ???	_									
(Reading ML: 2.0 magdef=1																				
(Station ML: 2.0 magdef=1																				
A273A 0.94 196.5 Pg	23:36:02.754	0.4	T__	117.5	___ ML	2.1 6663370	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_									
A273A 0.94 196.5 Lg	23:36:15.300	0.7	T__		___	6663388	FDSN Z3	00 BUD	iLoc	HHE ???	_									
(Reading ML: 2.1 magdef=1																				
(Station ML: 2.1 magdef=1																				
BEHE 1.04 250.8 Sn	23:36:18.709	0.8	T__		___	6663376	FDSN HU	-- BUD	iLoc	HHE ???	_									
HU21A 1.16 114.3 Pn	23:36:06.256	1.7	T__	95.1	___ ML	2.1 6663371	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_									

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU03A 1.44 40.8 Pg 23:36:12.488 -0.0 T__ 45.0 ___ ML 2.0 6663378 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.44 40.8 Sn 23:36:30.145 2.1 T__ ___ 6663377 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
RONA 1.57 304.8 Pn 23:36:12.153 1.4 T__ 45.5 ___ ML 2.0 6663379 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.73 14.2 Pg 23:36:17.331 -0.3 T__ 12.7 ___ ML 1.6 6663380 FDSN SK -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/17 08:16:35.28 3.40 1.78 46.0864 18.0040 47.4 10.3 178 10.0f 5 3 255 0.07 1.13 kx BUD 17001428 BUD 345
2021/06/17 08:16:36.46 1.04 3.66 46.1765 18.2926f 0.0f 5 3 155 0.16 1.12 kx BUD_GT 17001429 BUD_GT 263
(locality : Komló Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
KOVH 0.16 236.7 Pg 08:16:37.425 -2.9 T__ 705.3 ___ ML 1.6 6663481 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:16:39.288 -4.1 T__ ___ 6663482 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 0.25 80.9 Pg 08:16:44.950 3.0 T__ 27.4 ___ ML 0.4 6663484 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:16:50.538 4.2 T__ ___ 6663483 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
MPLH 1.12 332.7 Sn 08:17:13.671 -1.4 T__ ___ 6663485 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/17 09:30:52.82 1.38 0.84 46.9585 22.2881 10.6 6.3 164 0.0f 9 6 100 0.33 1.42 sx BUD 17001430 BUD 196

```

Magnitude Err Nsta Author OrigID  
ML 1.8 0.0 5 BUD 17001430

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
DRGR 0.33 119.8 Pg 09:30:59.902 0.1 T__ 347.2 _c_ ML 1.8 6663540 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.33 119.8 Lg 09:31:04.724 -0.7 T__ ___ 6663541 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SIRR 0.82 212.3 Pg 09:31:09.661 0.3 T__ 55.8 ___ ML 1.7 6663537 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.82 212.3 Lg 09:31:21.135 -0.6 T__ ___ 6663536 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
CJR 0.93 104.8 Pg 09:31:11.411 0.3 T__ 356.7 ___ ML 2.6 6663542 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

```

HU05A	0.98	307.5	Lg	09:31:25.829	-1.7	T__									6663538	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BMR	1.09	48.5	Pg	09:31:14.503	0.4	T__	196.1	---	ML	2.4	6663543	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_				
(Reading ML: 2.4 magdef=1)																							
(Station ML: 2.4 magdef=1)																							
BZS	1.42	199.4	Pn	09:31:19.421	0.5	T__	28.1	---	ML	1.7	6663539	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_				
BZS	1.42	199.4	Sn	09:31:39.070	0.0	T__		---			6663544	FDSN	RO	--	BUD	iLoc	HHE	???	_				
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/17	09:37:18.74	0.99	0.20	47.3209	18.2082	7.9	2.6	77	0.0f		7	4	143	0.02	0.08	sx	BUD	17001432	BUD			278

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.1	3 BUD	17001432

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW2	0.02	174.3	Pg	09:37:19.658	0.1					T__		305.3		---	ML	0.8	6663571	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.02	174.3	Lg	09:37:20.757	-0.0					T__				---		6663573	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CSKK	0.06	40.1	Pg	09:37:20.700	0.2					T__	151.8			---	ML	0.6	6663572	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	40.1	Lg	09:37:22.491	0.0					T__				---		6663574	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
MSW1	0.08	25.6	Lg	09:37:22.987	-0.3					T__				---		6663575	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.08	318.1	Pg	09:37:21.076	0.0					T__	109.5			---	ML	0.6	6663577	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.08	318.1	Lg	09:37:23.518	0.2					T__				---		6663576	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/18	06:34:35.22	2.34	1.76	47.9566	20.7210	14.0	7.4	154	0.0f		8	5	220	0.21	0.56	kx	BUD	17001436	BUD			278	
2021/06/18	06:34:36.26	0.85	2.13	48.0750	20.6990f				0.0f		8	5	195	0.13	0.56	kx	BUD_GT	17001437	BUD_GT			268	
(locality : Miskolc-Mexikóvölgy Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD_GT	17001437

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	292.1	Pg	06:34:41.026	1.6					T__		296.7		---	ML	1.1	6664381	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	06:34:43.857	1.7					T__				---		6664382	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ABAH	0.42	58.4	Lg	06:34:51.875	-0.6					T__				---		6664383	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KECS	0.43	340.8	Pn	06:34:47.433	-2.3					T__	144.7			---	ML	1.7	6664380	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	340.8	Lg	06:34:53.514	1.7					T__				---		6664384	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.43	345.9	Pn	06:34:47.405	-2.4					T__	66.8			---	ML	1.3	6664385	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

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JOS 0.43 345.9 Lg 06:34:53.105 1.2 T__ --- 6664386 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.56 254.1 Lg 06:34:54.036 -3.3 T__ --- 6664387 FDSN GE -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/18 07:19:42.01 0.91 0.56 47.1094 18.0323 5.1 3.2 113 0.0f 13 8 122 0.23 1.02 sx BUD 17001438 BUD 168

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Magnitude Err Nsta Author OrigID
ML 1.5 0.0 6 BUD 17001438

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.23 32.2 Pg 07:19:47.128 -0.0 T__ 341.9 --- ML 1.5 6664442 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.23 32.2 Lg 07:19:50.996 -0.7 T__ --- 6664443 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
TIH 0.23 204.5 Pg 07:19:47.221 0.1 T__ 819.3 --- ML 1.9 6664435 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MSW3 0.28 13.1 Pg 07:19:48.675 0.5 T__ 271.6 --- ML 1.5 6664445 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.28 13.1 Lg 07:19:53.043 -0.4 T__ --- 6664444 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.30 31.4 Lg 07:19:53.331 -0.8 T__ --- 6664436 FDSN HU -- BUD iLoc HHN ??? _
MSW1 0.32 28.5 Pg 07:19:49.676 0.7 T__ 214.4 --- ML 1.5 6664446 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.32 28.5 Lg 07:19:54.454 -0.5 T__ --- 6664447 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.34 280.4 Pg 07:19:49.829 0.4 T__ 175.4 --- ML 1.5 6664437 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.34 280.4 Lg 07:19:54.746 -0.4 T__ --- 6664438 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.99 154.6 Pg 07:20:02.271 0.6 T__ 27.5 --- ML 1.5 6664439 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.99 154.6 Lg 07:20:16.129 -0.1 T__ --- 6664440 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOVH 1.02 177.4 Lg 07:20:17.246 -0.4 T__ --- 6664441 FDSN HU -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/19 16:57:55.96 2.53 0.42 47.9523 20.2884 42.5 5.8 151 10.0f 5 3 212 0.23 0.29 ke BUD 17001442 BUD 352

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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 0.23 43.0 Lg 16:58:05.339 -0.2 T__ --- 6667596 FDSN ZJ 00 BUD iLoc HHZ ??? _
PSZ 0.27 262.8 Pg 16:58:02.508 0.3 T__ 39.4 --- ML 0.6 6667594 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.27 262.8 Lg 16:58:06.456 -0.4 T__ --- 6667595 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
ET1H 0.29 255.5 Pg 16:58:02.545 0.1 T__ 16.6 --- ML 0.3 6667598 FDSN HU -- BUD iLoc HHZ HHZ _

```



ZST	0.47	219.8	Lg	18:04:45.956	-1.5	T__									6667686	FDSN	SK	--	BUD	iLoc	HHN	???	_
A001A	0.66	285.3	Pg	18:04:45.509	1.8	T__	52.5	---	ML	1.6	6667690	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_				
	(Reading ML: 1.6 magdef=1)																						
	(Station ML: 1.6 magdef=1)																						
VYHS	0.86	93.9	Pg	18:04:47.470	-0.5	T__	14.3	---	ML	1.1	6667694	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_				
VYHS	0.86	93.9	Lg	18:04:59.800	-0.5	T__		---			6667693	FDSN	SK	--	BUD	iLoc	HHN	???	_				
	(Reading ML: 1.1 magdef=1)																						
	(Station ML: 1.1 magdef=1)																						
SR0	0.90	145.4	Pg	18:04:48.861	0.2	T__	177.7	---	ML	2.3	6667691	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_				
SR0	0.90	145.4	Lg	18:05:01.639	-1.3	T__		---			6667692	FDSN	SK	--	BUD	iLoc	EHN	???	_				
	(Reading ML: 2.3 magdef=1)																						
	(Station ML: 2.3 magdef=0)																						
KRUC	0.92	303.8	Pg	18:04:48.811	0.6	T__	28.1	---	ML	1.5	6667695	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_				
KRUC	0.92	303.8	Lg	18:05:01.364	-0.2	T__		---			6667696	FDSN	CZ	--	BUD	iLoc	HHE	???	_				
	(Reading ML: 1.5 magdef=1)																						
	(Station ML: 1.5 magdef=1)																						
VRAC	0.98	320.2	Pg	18:04:49.742	0.5	T__	6.4	---	ML	0.9	6667697	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_				
	(Reading ML: 0.9 magdef=1)																						
	(Station ML: 0.9 magdef=0)																						
RONA	1.20	224.9	Pn	18:04:53.765	0.1	T__	26.4	---	ML	1.6	6667698	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_				
	(Reading ML: 1.6 magdef=1)																						
	(Station ML: 1.6 magdef=1)																						
HU10A	1.21	125.5	Sn	18:05:09.709	-1.6	T__		---			6667701	FDSN	ZJ	00	BUD	iLoc	HHE	???	_				
MORC	1.22	359.7	Pn	18:04:53.691	-0.2	T__	22.3	---	ML	1.5	6667699	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_				
MORC	1.22	359.7	Lg	18:05:10.305	0.1	T__		---			6667700	FDSN	CZ	--	BUD	iLoc	HHE	???	_				
	(Reading ML: 1.5 magdef=1)																						
	(Station ML: 1.5 magdef=1)																						
CONA	1.29	241.5	Lg	18:05:12.279	-0.6	T__		---			6667702	FDSN	OE	--	BUD	iLoc	HHE	???	_				
A013A	1.52	251.7	Sn	18:05:18.537	0.4	T__		---			6667703	FDSN	Z3	00	BUD	iLoc	HHE	???	_				
PSZ	1.69	111.4	Sn	18:05:25.094	1.5	T__		---			6667704	FDSN	GE	--	BUD	iLoc	HHE	???	_				

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/21	08:42:02.40	1.07	0.88	48.2385	21.2468	5.1	3.9	118	0.0f		13	7	154	0.06	1.34	kx	BUD	17001448	BUD			255
2021/06/21	08:42:02.44	0.92	0.78	48.2470	21.2460f				0.0f		13	7	153	0.05	1.33	kx	BUD_GT	17001449	BUD_GT			255
	(locality : Tallya Hungary)																					
	(GT info : GT2 explosion)																					

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BUD_GT	17001449

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	355.1	Pg	08:42:04.558	0.5					T__		15762.8		_c	ML	2.6	6672728	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	08:42:05.117	-0.5					T__				---		6672729	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 2.6 magdef=1)																								
	(Station ML: 2.6 magdef=0)																								
HU02A	0.50	255.8	Pg	08:42:13.163	0.2					T__	77.4		---	ML	1.6	6672731	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.50	255.8	Lg	08:42:20.166	-0.9					T__			---		6672730	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
	(Reading ML: 1.6 magdef=1)																								
	(Station ML: 1.6 magdef=0)																								
JOS	0.53	298.1	Pg	08:42:13.908	0.8					T__	74.7		---	ML	1.7	6672733	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.53	298.1	Lg	08:42:21.135	-0.2					T__			---		6672732	FDSN	ZJ	--	BUD	iLoc	HHE	???	_		
	(Reading ML: 1.7 magdef=1)																								

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(Station ML: 1.7 magdef=1
KECS 0.56 295.3 Pg 08:42:14.616 0.9 T__ 211.7 ___ ML 2.1 6672734 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 08:42:21.805 -0.5 T__ ___ 6672735 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
TRPA 0.87 97.2 Pg 08:42:19.757 0.3 T__ 103.8 ___ ML 2.0 6672736 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.2 Lg 08:42:32.757 -1.1 T__ ___ 6672737 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.96 250.6 Pg 08:42:22.550 -0.2 T__ 103.6 ___ ML 2.1 6672738 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.6 Lg 08:42:36.036 -1.2 T__ ___ 6672739 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
NIE 1.33 332.3 Lg 08:42:45.795 -1.2 T__ ___ 6672740 FDSN PL -- BUD iLoc BHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/21 19:38:02.74 0.85 0.41 47.5913 16.3299 3.8 3.1 54 1.3 20.4 21 14 93 0.11 1.47 ke BUD 17001450 BUD 117

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Magnitude Err Nsta Author OrigID
ML 1.5 0.2 11 BUD 17001450

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 348.2 Pg 19:38:05.228 -0.0 T__ 211.4 _c ML 0.9 6673026 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 348.2 Lg 19:38:06.532 -0.6 T__ ___ 6673027 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
SOP 0.18 59.1 Pg 19:38:06.420 -0.1 T__ 74.7 ___ ML 0.7 6673029 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.18 59.1 Lg 19:38:09.121 -0.0 T__ ___ 6673028 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
A011B 0.31 234.1 Pg 19:38:08.842 -0.1 T__ 39.0 ___ ML 0.8 6673030 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
A260A 0.40 140.2 Pg 19:38:10.891 0.0 T__ 139.9 ___ ML 1.6 6673031 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.40 140.2 Lg 19:38:17.019 0.6 T__ ___ 6673032 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CONA 0.46 317.0 Pg 19:38:12.399 0.4 T__ 35.3 ___ ML 1.1 6673033 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.46 317.0 Lg 19:38:19.067 0.8 T__ ___ 6673034 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ARSA 0.65 238.4 Pg 19:38:14.821 -0.4 T__ 33.3 ___ ML 1.4 6673035 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
EGYH 0.70 104.0 Pn 19:38:18.583 -0.3 T__ 84.6 ___ ML 1.8 6673036 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
A013A 0.78 307.5 Pg 19:38:18.322 0.5 T__ 59.1 ___ ML 1.7 6673037 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.78 307.5 Lg 19:38:28.082 0.1 T__ ___ 6673038 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
A005B 0.79 353.9 Lg 19:38:28.939 -0.1 T__ ___ 6673039 FDSN Z3 00 BUD iLoc HHN ??? _

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A019A  0.86 260.7 Pg      19:38:18.881 -0.6      T__      32.7      ___ ML      1.5 6673040      FDSN Z3      00 BUD      iLoc HHZ HHZ _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A008A  0.90 329.9 Pg      19:38:20.408  0.4      T__      36.1      ___ ML      1.6 6673041      FDSN Z3      00 BUD      iLoc HHZ HHZ _
A008A  0.90 329.9 Lg      19:38:32.031 -0.3      T__      ___      ___      6673042      FDSN Z3      00 BUD      iLoc HH3 ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MPLH   0.92 116.7 Lg      19:38:34.043 -0.2      T__      ___      ___      6673043      FDSN HU      -- BUD      iLoc HHE ??? _
HU08A  1.09  97.8 Sn      19:38:40.003 -0.1      T__      ___      ___      6673044      FDSN ZJ      00 BUD      iLoc HHN ??? _
KRUC   1.47  1.7 Pn      19:38:29.349 -0.4      T__      21.8      ___ ML      1.7 6673046      FDSN CZ      -- BUD      iLoc HHZ HHZ _
KRUC   1.47  1.7 Sn      19:38:49.688  0.2      T__      ___      ___      6673045      FDSN CZ      -- BUD      iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date      Time      Err      RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/06/22 07:19:34.45  0.86  1.35 47.3000 17.6698  5.2  2.7 160  0.0f      21  14 66  0.16  1.38  sx BUD      17001452      BUD      114

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Magnitude Err Nsta Author      OrigID
ML      1.7 0.1  7 BUD      17001452

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
MPLH  0.16 214.4 Pg      07:19:38.476  0.2      T__      844.9      ___ ML      1.7 6677406      FDSN HU      -- BUD      iLoc HHZ HHZ _
MPLH  0.16 214.4 Lg      07:19:41.084 -0.4      T__      ___      ___      6677407      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU08A  0.22  52.6 Pg      07:19:40.115  0.7      T__      942.8      ___ ML      1.9 6677408      FDSN ZJ      00 BUD      iLoc HHZ HHZ _
HU08A  0.22  52.6 Lg      07:19:42.947 -0.6      T__      ___      ___      6677409      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
EGYH   0.26 297.1 Lg      07:19:43.319 -1.5      T__      ___      ___      6677410      FDSN HU      -- BUD      iLoc HHN ??? _
MSW3   0.32  74.8 Pg      07:19:42.813  1.5      T__      347.5      ___ ML      1.7 6677420      FDSN HU      -- BUD      iLoc HHZ HHZ _
MSW3   0.32  74.8 Lg      07:19:45.994 -1.2      T__      ___      ___      6677421      FDSN HU      -- BUD      iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW2   0.37  89.4 Pg      07:19:43.620  1.4      T__      151.1      ___ ML      1.5 6677423      FDSN HU      -- BUD      iLoc HHZ HHZ _
MSW2   0.37  89.4 Lg      07:19:47.894 -1.0      T__      ___      ___      6677422      FDSN HU      -- BUD      iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
CSKK   0.41  80.8 Pg      07:19:42.723 -0.3      T__      167.9      ___ ML      1.7 6677412      FDSN HU      -- BUD      iLoc HHZ HHZ _
CSKK   0.41  80.8 Lg      07:19:49.279 -1.0      T__      ___      ___      6677411      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW1   0.41  76.7 Pg      07:19:44.095  1.0      T__      443.7      ___ ML      2.1 6677424      FDSN HU      -- BUD      iLoc HHZ HHZ _
MSW1   0.41  76.7 Lg      07:19:49.318 -1.1      T__      ___      ___      6677425      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU09A  0.59  54.7 Lg      07:19:54.874 -1.7      T__      ___      ___      6677426      FDSN ZJ      00 BUD      iLoc HHE ??? _
RONA   1.01 293.7 Lg      07:20:08.315  0.3      T__      ___      ___      6677413      FDSN OE      -- BUD      iLoc HHN ??? _
MODS   1.11 346.3 Sn      07:20:10.103 -3.4      T__      ___      ___      6677414      FDSN SK      -- BUD      iLoc HHN ??? _
A011B  1.17 276.0 Pg      07:19:57.540  0.2      T__      29.5      ___ ML      1.6 6677418      FDSN Z3      00 BUD      iLoc HHZ HHZ _
A011B  1.17 276.0 Lg      07:20:12.860  1.0      T__      ___      ___      6677415      FDSN Z3      00 BUD      iLoc HH2 ??? _
(Reading ML: 1.6 magdef=1

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(Station ML: 1.6 magdef=1

KOVH	1.25	166.1	Sn	07:20:18.000	1.9	T__	---	6677416	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.28	148.0	Sn	07:20:17.106	0.3	T__	---	6677417	FDSN	HU	--	BUD	iLoc	HHN	???	_
CONA	1.38	297.9	Lg	07:20:18.699	-0.5	T__	---	6677419	FDSN	OE	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/22	08:59:09.10	2.65	0.92	46.1522	21.5081	22.5	6.4	109	13.8	18.2	8	4	230	0.16	1.17	ke	BUD	17001454	BUD			272

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.5	4 BUD	17001454

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.16	42.3	Pg	08:59:13.663	0.3				T__		991.1			_c_	ML	1.7	6677512	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.16	42.3	Lg	08:59:15.786	-0.7				T__					---		6677511	FDSN	RO	--	BUD	iLoc	HHE	???	_	

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

BZS	0.54	171.9	Pg	08:59:19.995	0.1				T__		73.4			_c_	ML	1.7	6677513	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.54	171.9	Lg	08:59:26.924	-0.5				T__					---		6677514	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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

DRGR	1.05	52.0	Pg	08:59:30.091	0.2				T__		161.9			---	ML	2.3	6677515	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.05	52.0	Lg	08:59:42.384	-1.5				T__					---		6677516	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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

GZR	1.17	130.1	Pg	08:59:31.879	0.5				T__		190.4			---	ML	2.4	6677518	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.17	130.1	Lg	08:59:47.003	0.0				T__					---		6677517	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/22	09:00:47.11	1.60	0.15	47.3091	18.2324	11.5	2.5	133	0.0f		7	4	225	0.02	0.10	sx	BUD	17001456	BUD			296

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.2	3 BUD	17001456

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.02	245.0	Pg	09:00:47.841	0.0				T__		316.0			---	ML	0.8	6677543	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.02	245.0	Lg	09:00:48.918	0.1				T__					---		6677544	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 0.8 magdef=1  
 (Station ML: 0.8 magdef=1

CSKK	0.06	19.5	Lg	09:00:50.863	-0.0				T__					---		6677545	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW1	0.09	12.2	Pg	09:00:49.474	-0.0				T__		146.9			---	ML	0.7	6677547	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.09	12.2	Lg	09:00:51.940	0.1				T__					---		6677546	FDSN	HU	--	BUD	iLoc	HHE	???	_	

(Reading ML: 0.7 magdef=1  
 (Station ML: 0.7 magdef=1

MSW3	0.10	315.7	Pg	09:00:49.891	0.1				T__		83.3			---	ML	0.5	6677549	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.10	315.7	Lg	09:00:52.114	-0.3				T__					---		6677548	FDSN	HU	--	BUD	iLoc	HHE	???	_	

(Reading ML: 0.5 magdef=1  
 (Station ML: 0.5 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/22	09:04:23.47	0.87	1.01	47.7149	18.7192	7.0	2.6	140	0.0f	16	9	144	0.24	0.97	kx	BUD	17001458	BUD				165
2021/06/22	09:04:23.48	0.86	0.93	47.7180	18.7130f				0.0f	16	9	144	0.24	0.97	kx	BUD_GT	17001459	BUD_GT				167

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	7 BUD_GT	17001459

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.24	250.5	Pg	09:04:29.296	0.6					T__		312.2		---	ML	1.5	6677603	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.24	250.5	Lg	09:04:31.754	-1.4					T__				---		6677604	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU10A	0.24	58.2	Pg	09:04:29.738	0.9					T__		915.8		---	ML	1.9	6677612	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.24	58.2	Lg	09:04:33.394	0.1					T__				---		6677605	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
MSW1	0.45	223.6	Pg	09:04:34.060	1.3					T__		126.1		---	ML	1.6	6677613	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.45	223.6	Lg	09:04:39.867	-0.7					T__				---		6677614	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
CSKK	0.47	221.0	Lg	09:04:40.397	-0.9					T__				---		6677606	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.52	230.1	Pg	09:04:35.050	0.9					T__		72.4		---	ML	1.6	6677616	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.52	230.1	Lg	09:04:41.442	-1.4					T__				---		6677615	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
MSW2	0.54	219.5	Pg	09:04:35.185	0.7					T__		56.7		---	ML	1.5	6677617	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.54	219.5	Lg	09:04:42.792	-0.8					T__				---		6677618	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
VYHS	0.78	6.0	Pg	09:04:39.950	0.5					T__		14.4		---	ML	1.1	6677608	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.78	6.0	Lg	09:04:50.082	-0.9					T__				---		6677607	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
PSZ	0.82	75.4	Pg	09:04:40.769	-0.2					T__		41.5		---	ML	1.6	6677609	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.82	75.4	Lg	09:04:52.317	-1.2					T__				---		6677610	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
MPLH	0.97	235.9	Lg	09:04:56.490	-0.5					T__				---		6677611	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/22	09:27:28.00	1.47	0.91	47.3639	18.3935	9.9	4.5	125	0.0f	15	9	110	0.09	1.26	sx	BUD	17001460	BUD				182

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	6 BUD	17001460

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.09	269.6	Pg	09:27:30.949	0.5					T__		1912.8		---	ML	1.8	6677741	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	269.6	Lg	09:27:31.955	-0.9					T__				---		6677742	FDSN	HU	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
MSW1 0.10 287.7 Pg 09:27:31.608 1.0 T__ 1213.6 ___ ML 1.7 6677750 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.10 287.7 Lg 09:27:32.429 -0.7 T__ ___ 6677751 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW2 0.14 243.7 Pg 09:27:31.960 0.6 T__ 201.1 ___ ML 1.0 6677753 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 243.7 Lg 09:27:33.649 -0.9 T__ ___ 6677752 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
MSW3 0.18 276.1 Pg 09:27:33.039 0.8 T__ 292.1 ___ ML 1.3 6677754 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.18 276.1 Lg 09:27:34.916 -1.0 T__ ___ 6677755 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU09A 0.27 358.4 Lg 09:27:38.537 -0.6 T__ ___ 6677747 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 1.16 60.8 Pn 09:27:50.879 0.3 T__ 26.9 ___ ML 1.6 6677745 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.16 60.8 Sn 09:28:07.940 -0.6 T__ ___ 6677744 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.16 171.4 Sn 09:28:07.269 -0.5 T__ ___ 6677746 FDSN HU -- BUD iLoc HHE ??? _
VYHS 1.17 14.6 Pn 09:27:51.028 0.3 T__ 13.6 ___ ML 1.3 6677743 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.17 14.6 Lg 09:28:07.370 -1.4 T__ ___ 6677748 FDSN SK -- BUD iLoc HHZ ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 1.26 323.8 Sn 09:28:09.903 -1.1 T__ ___ 6677749 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/22 10:59:56.17 0.82 1.30 48.1429 18.9330 3.7 3.2 32 0.0f 20 14 81 0.30 1.24 sx BUD 17001462 BUD 120

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 6 BUD 17001462

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.30 169.0 Lg 11:00:07.383 -0.6 T__ ___ 6677817 FDSN ZJ 00 BUD iLoc HHE ??? _
VYHS 0.36 349.6 Pg 11:00:04.591 1.0 T__ 19.5 ___ ML 0.6 6677802 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.36 349.6 Lg 11:00:08.763 -0.4 T__ ___ 6677803 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
A338A 0.41 252.0 Lg 11:00:11.853 0.1 T__ ___ 6677818 FDSN Z3 00 BUD iLoc HH3 ??? _
HU03A 0.51 117.9 Lg 11:00:14.684 -0.1 T__ ___ 6677819 FDSN ZJ 00 BUD iLoc HHE ??? _
SR0 0.53 231.8 Lg 11:00:15.915 -0.0 T__ ___ 6677804 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.68 108.8 Pg 11:00:11.073 0.3 T__ 41.6 ___ ML 1.5 6677805 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.68 108.8 Lg 11:00:19.974 -1.4 T__ ___ 6677820 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU01A 0.92 149.6 Lg 11:00:28.393 -1.2 T__ ___ 6677821 FDSN ZJ 00 BUD iLoc HHE ??? _
HU08A 0.98 224.1 Pg 11:00:16.735 1.0 T__ 55.8 ___ ML 1.8 6677806 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.98 224.1 Lg 11:00:29.922 -1.2 T__ ___ 6677807 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 1.07 90.5 Pn 11:00:19.268 1.8 T__ 21.3 ___ ML 1.4 6677810 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.07 90.5 Sn 11:00:32.530 -1.9 T__ ___ 6677809 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 1.09 71.2 Pn 11:00:18.821 1.2 T__ 99.7 ___ ML 2.1 6677813 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.09 71.2 Lg 11:00:33.945 -0.7 T__ ___ 6677812 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JAVC 1.10 311.0 Lg 11:00:32.828 -2.6 T__ ___ 6677808 FDSN CZ -- BUD iLoc HHN ??? _
JOS 1.13 71.2 Pn 11:00:18.076 -0.1 T__ 26.1 ___ ML 1.5 6677814 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.13 71.2 Sn 11:00:34.243 -1.4 T__ ___ 6677815 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 1.13 282.4 Lg 11:00:34.020 -2.1 T__ ___ 6677811 FDSN SK -- BUD iLoc HHN ??? _
A267A 1.24 194.5 Sn 11:00:37.968 -0.2 T__ ___ 6677816 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/22 12:00:57.83 1.07 0.48 47.8402 16.0590 6.7 3.6 40 0.0f 10 6 187 0.16 0.77 sx BUD 17001464 BUD 245

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.2 4 BUD 17001464

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.16 303.6 Pg 12:01:01.178 -0.1 T__ 264.4 ___ ML 1.2 6677854 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 303.6 Lg 12:01:03.339 -0.3 T__ ___ 6677855 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
RONA 0.21 131.2 Pg 12:01:02.668 0.3 T__ 127.6 _c_ ML 1.0 6677856 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.21 131.2 Lg 12:01:05.264 -0.3 T__ ___ 6677863 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
AO11B 0.44 189.0 Pg 12:01:06.319 -0.2 T__ 57.9 ___ ML 1.3 6677858 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO11B 0.44 189.0 Lg 12:01:11.534 -0.6 T__ ___ 6677857 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
AO18A 0.67 262.1 Lg 12:01:20.102 0.9 T__ ___ 6677859 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.69 211.8 Pg 12:01:11.162 -0.1 T__ 48.7 ___ ML 1.6 6677860 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 211.8 Lg 12:01:20.102 0.1 T__ ___ 6677861 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
AO19A 0.77 239.4 Lg 12:01:23.082 0.4 T__ ___ 6677862 FDSN Z3 00 BUD iLoc HH2 ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/22 15:30:44.67 1.24 0.69 47.5894 16.3438 7.4 5.0 122 0.0f 9 6 178 0.11 1.00 sx BUD 17001466 BUD 223

```

```

Magnitude Err Nsta Author OrigID
ML 0.9 0.3 4 BUD 17001466

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 343.8 Pg 15:30:47.135 -0.2 T__ 105.0 _c_ ML 0.6 6677911 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 343.8 Lg 15:30:49.445 0.1 T__ ___ 6677912 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1

```

```

(Station ML: 0.6 magdef=1
SOP 0.17 57.0 Lg 15:30:51.568 0.3 T__
AO11B 0.32 235.4 Pg 15:30:50.898 -0.1 T__ 33.6 --- ML 0.7 6677914 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
CONA 0.47 316.4 Pg 15:30:54.250 0.1 T__ 30.2 --- ML 1.1 6677916 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.47 316.4 Lg 15:31:00.546 0.1 T__ --- 6677915 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
AO18A 0.87 280.7 Pg 15:31:01.589 0.1 T__ 22.9 --- ML 1.3 6677917 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO18A 0.87 280.7 Lg 15:31:12.615 0.1 T__ --- 6677918 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 1.00 38.3 Sn 15:31:19.172 -1.6 T__ --- 6677919 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 06:25:16.20 0.98 1.03 47.9191 20.0694 6.5 3.4 158 0.0f 9 6 116 0.12 0.66 sx BUD 17001468 BUD 211

```

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.0 3 BUD 17001468

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
PSZ 0.12 269.7 Pg 06:25:19.047 -0.3 T__ 369.5 --- ML 1.2 6678337 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 269.7 Lg 06:25:21.754 -0.3 T__ --- 6678338 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU23A 0.31 156.5 Lg 06:25:29.160 0.9 T__ --- 6678339 FDSN ZJ 00 BUD iLoc HHE ??? _
HU03A 0.32 267.4 Lg 06:25:28.752 0.5 T__ --- 6678340 FDSN ZJ 00 BUD iLoc HHE ??? _
HU02A 0.37 56.2 Pg 06:25:23.593 -0.6 T__ 75.3 --- ML 1.2 6678342 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.37 56.2 Lg 06:25:28.956 -1.5 T__ --- 6678341 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.63 26.1 Lg 06:25:38.968 0.5 T__ --- 6678343 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.66 28.4 Pg 06:25:30.783 1.4 T__ 30.7 --- ML 1.4 6678344 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.66 28.4 Lg 06:25:39.977 0.5 T__ --- 6678345 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 07:24:45.75 1.06 1.03 48.3838 19.0386 10.7 4.0 24 0.0f 7 5 167 0.17 1.03 sx BUD 17001470 BUD 301

```

```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
VYHS 0.17 309.3 Pg 07:24:49.928 0.4 T__ 56.6 --- ML 0.5 6678367 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.17 309.3 Lg 07:24:51.767 -0.7 T__ --- 6678368 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
HU03A 0.61 141.8 Lg 07:25:07.448 -0.3 T__ --- 6678369 FDSN ZJ 00 BUD iLoc HHE ??? _
KECS 0.97 83.6 Lg 07:25:19.553 0.1 T__ --- 6678370 FDSN SK -- BUD iLoc EHE ??? _

```

```

JOS 1.01 83.0 Pg 07:25:06.580 0.9 T__ 22.6 ___ ML 1.4 6678372 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.01 83.0 Lg 07:25:19.758 -1.0 T__ ___ 6678371 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 1.03 104.2 Lg 07:25:21.086 -1.3 T__ ___ 6678373 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 07:28:58.05 0.90 1.50 48.5132 17.4673 5.2 3.1 131 0.0f 10 7 126 0.19 1.22 sx BUD 17001472 BUD 196

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.19 222.2 Pg 07:29:02.061 -0.4 T__ ___ 6678396 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 222.2 Lg 07:29:05.562 -0.5 T__ ___ 6678397 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.37 21.2 Pg 07:29:05.190 -0.8 T__ 87.0 ___ ML 1.3 6678400 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 21.2 Lg 07:29:10.554 -1.7 T__ ___ 6678399 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ZST 0.40 217.6 Lg 07:29:11.572 -1.4 T__ ___ 6678401 FDSN SK -- BUD iLoc HHE ??? _
KRUC 0.90 308.2 Lg 07:29:29.602 1.1 T__ ___ 6678404 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.91 90.7 Pg 07:29:17.905 1.5 T__ 12.6 ___ ML 1.1 6678403 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.91 90.7 Lg 07:29:29.230 -0.4 T__ ___ 6678402 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
VRAC 0.98 324.4 Lg 07:29:33.178 2.1 T__ ___ 6678405 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.22 242.0 Lg 07:29:39.312 1.4 T__ ___ 6678398 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 08:26:28.33 1.14 0.93 47.8852 20.1392 9.5 4.0 153 0.0f 6 4 165 0.17 0.67 kx BUD 17001474 BUD 234
2021/06/23 08:26:28.11 0.99 0.80 47.8650 20.1529f 0.0f 6 4 170 0.18 0.68 kx BUD_GT 17001475 BUD_GT 243
(locality : Kismána Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.18 287.2 Pg 08:26:32.622 0.0 T__ 405.1 ___ ML 1.4 6678424 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 287.2 Lg 08:26:35.380 -0.8 T__ ___ 6678425 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.36 44.0 Pg 08:26:36.095 0.1 T__ 73.1 ___ ML 1.2 6678427 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 08:26:40.998 -1.1 T__ ___ 6678426 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU01A 0.63 214.9 Lg 08:26:52.440 0.8 T__ ___ 6678429 FDSN ZJ 00 BUD iLoc HHE ??? _
JOS 0.68 22.1 Lg 08:26:52.951 0.7 T__ ___ 6678428 FDSN ZJ -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/23 08:34:54.11 3.08 1.01 48.4902 20.6973 20.0 5.9 55 0.0f 8 4 284 0.11 0.78 sx BUD 17001476 BUD 310

```

Magnitude Err Nsta Author OrigID  
ML 1.2 0.4 4 BUD 17001476

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.11	273.1	Pg	08:34:56.162	-0.3					T__		281.4		---	ML	1.0 6678452	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	273.1	Lg	08:34:59.380	1.0					T__				---		6678453	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
KECS	0.14	267.2	Pg	08:34:57.132	-0.1					T__		712.9		---	ML	1.5 6678455	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.14	267.2	Lg	08:35:00.197	0.6					T__				---		6678454	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU02A	0.39	197.4	Pg	08:35:02.802	0.4					T__		27.8		---	ML	0.8 6678456	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.39	197.4	Lg	08:35:08.727	-0.1					T__				---		6678457	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
PSZ	0.78	223.5	Pn	08:35:10.106	-1.4					T__		30.9		---	ML	1.4 6678459	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.78	223.5	Lg	08:35:21.343	-1.3					T__				---		6678458	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/23	11:15:04.36	1.67	0.93	48.2835	17.3498	10.7	5.7	137	0.0f		7	4	222	0.10	1.00	sx	BUD	17001478	BUD			301

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.10	331.8	Pg	11:15:07.326	0.2					T__				---		6678484	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.10	331.8	Lg	11:15:08.890	-0.6					T__				---		6678483	FDSN	SK	--	BUD	iLoc	HHE	???	_
ZST	0.19	242.2	Lg	11:15:11.423	-0.8					T__				---		6678487	FDSN	SK	--	BUD	iLoc	HHE	???	_
JAVC	0.61	20.2	Pg	11:15:17.384	0.2					T__		74.0		---	ML	1.7 6678485	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.61	20.2	Lg	11:15:26.324	-0.6					T__				---		6678486	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KRUC	1.00	321.3	Pg	11:15:24.852	1.2					T__		24.8		---	ML	1.5 6678489	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.00	321.3	Lg	11:15:37.741	-0.7					T__				---		6678488	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/06/24	09:02:16.44	2.44	0.86	47.2210	18.2922	14.5	6.8	133	0.0f		12	9	130	0.10	1.33	kx	BUD	17001480	BUD			207		
2021/06/24	09:02:16.69	0.94	0.83	47.2302	18.2835f				0.0f		12	9	129	0.09	1.32	kx	BUD_GT	17001481	BUD_GT			206		
(locality : Iszkaszentgyörgy Hungary)																								
(GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID  
ML 1.0 0.1 3 BUD\_GT 17001481

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

MSW2	0.09	325.6	Pg	09:02:19.266	0.2	T__					316.0	---	ML	1.0	6679552	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	325.6	Lg	09:02:20.503	-1.0	T__						---			6679553	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																							
(Station ML: 1.0 magdef=1)																							
CSKK	0.13	353.3	Pg	09:02:20.141	0.1	T__					191.6	---	ML	1.0	6679545	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:02:22.562	-0.6	T__						---			6679546	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																							
(Station ML: 1.0 magdef=1)																							
MSW1	0.16	354.2	Lg	09:02:23.998	-0.2	T__						---			6679554	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW3	0.19	325.1	Pg	09:02:22.167	1.2	T__					104.2	---	ML	0.8	6679556	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.19	325.1	Lg	09:02:24.331	-0.5	T__						---			6679555	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																							
(Station ML: 0.8 magdef=1)																							
HU08A	0.32	309.6	Lg	09:02:29.358	0.1	T__						---			6679551	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
MPLH	0.51	263.5	Lg	09:02:34.036	-1.3	T__						---			6679547	FDSN	HU	--	BUD	iLoc	HHE	???	_
KOVH	1.15	186.4	Sn	09:02:54.524	-1.6	T__						---			6679548	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.29	57.1	Sn	09:03:00.187	-0.2	T__						---			6679549	FDSN	GE	--	BUD	iLoc	HHE	???	_
VVHS	1.32	16.2	Sn	09:03:01.379	0.2	T__						---			6679550	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/24	09:17:50.02	1.51	1.27	48.2178	21.2858	9.1	5.2	120	0.0f		12	9	133	0.08	1.01	kx	BUD	17001482	BUD			249	
2021/06/24	09:17:50.68	0.93	1.45	48.2470	21.2460f				0.0f		12	9	128	0.05	0.99	kx	BUD_GT	17001483	BUD_GT			230	
(locality : Tallya Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD_GT	17001483

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	355.1	Pg	09:17:52.688	0.4					T__		6262.0		---	ML	2.2	6679586	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:17:53.806	-0.0					T__				---		6679587	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU02A	0.50	255.8	Pg	09:18:01.927	0.7					T__		59.5		---	ML	1.5	6679588	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:18:09.526	0.2					T__				---		6679589	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.53	298.1	Pg	09:18:02.076	0.7					T__		57.4		---	ML	1.5	6679591	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:18:09.973	0.4					T__				---		6679590	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.56	295.3	Lg	09:18:09.973	-0.5					T__				---		6679592	FDSN	SK	--	BUD	iLoc	EHE	???	_	
TENKA	0.85	225.8	Lg	09:18:18.913	-2.3					T__				---		6679594	FDSN	HU	--	BUD	iLoc	HHE	???	_	
TRPA	0.87	97.2	Lg	09:18:19.435	-2.7					T__				---		6679593	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU23A	0.90	228.1	Lg	09:18:22.564	-0.7					T__				---		6679595	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.96	250.6	Lg	09:18:23.458	-2.0					T__				---		6679596	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	248.7	Lg	09:18:23.831	-2.1					T__				---		6679597	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/24	18:57:35.74	1.19	0.36	45.6728	21.3135	9.0	4.4	141	12.0f		6	4	178	0.22	1.07	ke	BUD	17001484	BUD				277



(Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 MPLH 1.08 141.4 Pn 00:52:56.841 0.1 T\_\_ 33.7 \_\_\_ ML 1.6 6681799 FDSN HU -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 A019A 1.14 240.5 Lg 00:53:12.822 -0.3 T\_\_ \_\_\_ 6681800 FDSN Z3 00 BUD iLoc HHZ ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/25	07:15:04.83	0.86	0.86	47.9366	20.0563	3.5	2.9	176	0.0f	18	12	79		0.11	1.49	sx	BUD	17001488	BUD			104

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD	17001488

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
PSZ	0.11	260.6	Pg	07:15:08.300	0.5					T__		1128.1		_c	ML	1.7 6681884	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.11	260.6	Lg	07:15:10.541	0.1					T__				---		6681901	FDSN	GE	--	BUD	iLoc	HHN	???	_
			(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																					
HU03A	0.31	264.1	Lg	07:15:16.160	-0.5					T__				---		6681885	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU23A	0.33	156.3	Pg	07:15:12.398	0.3					T__		622.3		---	ML	2.0 6681886	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.33	156.3	Lg	07:15:17.731	0.2					T__				---		6681893	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
			(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																					
TENKA	0.34	145.0	Pg	07:15:13.068	0.6					T__		1974.6		---	ML	2.6 6681887	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TENKA	0.34	145.0	Lg	07:15:16.501	-1.7					T__				---		6681894	FDSN	HU	--	BUD	iLoc	HHN	???	_
			(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0																					
HU02A	0.37	59.3	Pg	07:15:12.770	-0.0					T__		192.5		---	ML	1.6 6681888	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
			(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																					
KECS	0.62	27.5	Lg	07:15:26.293	-0.4					T__				---		6681889	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.65	29.8	Pg	07:15:18.246	0.5					T__		63.6		---	ML	1.7 6681890	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	29.8	Lg	07:15:27.783	0.1					T__				---		6681891	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
			(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																					
HU01A	0.66	206.6	Lg	07:15:29.260	-0.0					T__				---		6681895	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU10A	0.70	262.9	Lg	07:15:29.198	-1.5					T__				---		6681892	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	0.87	65.2	Pg	07:15:23.374	1.2					T__		65.1		---	ML	1.8 6681897	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.87	65.2	Lg	07:15:34.922	-1.2					T__				---		6681896	FDSN	HU	--	BUD	iLoc	HHN	???	_
			(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																					
VYHS	0.99	304.8	Pg	07:15:25.162	0.3					T__		15.7		---	ML	1.2 6681898	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.99	304.8	Lg	07:15:38.796	-0.5					T__				---		6681899	FDSN	SK	--	BUD	iLoc	HHN	???	_
			(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																					
NIE	1.49	6.1	Sn	07:15:54.591	1.1					T__				---		6681900	FDSN	PL	--	BUD	iLoc	BHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/25	07:56:15.69	1.03	1.53	46.1331	18.0531	5.8	4.0	114	0.0f	9	6	162		0.06	0.87	kx	BUD	17001490	BUD			235
2021/06/25	07:56:15.41	0.94	1.51	46.1204	18.0243f				0.0f	9	6	165		0.06	0.88	kx	BUD_GT	17001491	BUD_GT			259

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

Magnitude Err Nsta Author OrigID  
ML 1.9 0.3 4 BUD\_GT 17001491

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.06	121.4	Pg	07:56:17.800	0.4					T__		2488.7		_c_	ML 1.9	6681936	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	07:56:19.029	-0.2					T__				---		6681937	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
A273A	0.25	215.5	Pg	07:56:21.860	0.9					T__		1710.9		---	ML 2.2	6681938	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																								
A266A	0.44	22.3	Pg	07:56:25.250	0.6					T__		301.0		---	ML 2.0	6681939	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.44	22.3	Lg	07:56:32.105	0.4					T__				---		6681940	FDSN	Z3	00	BUD	iLoc	HNN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
MORH	0.44	77.4	Pg	07:56:24.841	0.2					T__		52.5		---	ML 1.2	6681942	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.44	77.4	Lg	07:56:31.211	-0.6					T__				---		6681941	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
HU22A	0.80	74.5	Lg	07:56:43.429	-1.2					T__				---		6681943	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
A267A	0.88	20.8	Lg	07:56:43.727	-3.9					T__				---		6681944	FDSN	Z3	00	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/25	08:02:07.40	1.06	1.16	47.4935	18.7191	8.4	3.6	172	0.0f		15	10	89	0.21	1.54	sx	BUD	17001492	BUD			154

Magnitude Err Nsta Author OrigID  
ML 1.7 0.3 5 BUD 17001492

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BUD	0.21	92.6	Lg	08:02:15.903	-0.4					T__				---		6682004	FDSN	HU	--	BUD	iLoc	HNN	???	_
HU09A	0.27	302.6	Pg	08:02:14.183	0.9					T__		222.9		---	ML 1.4	6682018	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.27	302.6	Lg	08:02:17.207	-1.1					T__				---		6682005	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
CSKK	0.34	247.4	Lg	08:02:19.219	-1.5					T__				---		6682006	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU10A	0.41	29.8	Lg	08:02:21.752	-1.3					T__				---		6682007	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU03A	0.72	55.1	Pg	08:02:23.056	0.4					T__		59.6		---	ML 1.7	6682009	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.72	55.1	Lg	08:02:33.039	-0.6					T__				---		6682008	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
PSZ	0.90	61.4	Pn	08:02:26.781	0.4					T__		29.3		---	ML 1.5	6682010	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.90	61.4	Lg	08:02:39.000	-1.2					T__				---		6682011	FDSN	GE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
MORH	1.28	182.3	Sn	08:02:48.759	-1.4					T__				---		6682012	FDSN	HU	--	BUD	iLoc	HHE	???	_
MODS	1.31	312.8	Sn	08:02:50.175	-1.6					T__				---		6682013	FDSN	SK	--	BUD	iLoc	HHE	???	_
HU02A	1.37	62.0	Pn	08:02:34.231	1.4					T__		50.6		---	ML 2.0	6682015	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.37	62.0	Sn	08:02:53.528	0.7					T__				---		6682014	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																								

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(Station ML: 2.0 magdef=1
JAVC 1.54 333.2 Pn 08:02:36.466 0.9 T__ 41.3 ___ ML 2.0 6682016 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.54 333.2 Sn 08:02:57.998 0.0 T__ ___ 6682017 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/25	09:55:35.74	1.41	0.94	48.5431	20.7403	11.5	3.7	3	0.0f		9	6	177	0.14	1.09	sx	BUD	17001494	BUD			235

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Magnitude Err Nsta Author OrigID
ML 1.2 0.2 3 BUD 17001494

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.14	250.6	Pg	09:55:38.731	-0.1					T__		299.0		___	ML	1.2 6682048	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.14	250.6	Lg	09:55:41.972	0.7					T__				---		6682049	FDSN	ZJ	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
KECS	0.18	250.6	Pg	09:55:39.253	-0.3					T__		628.1		___	ML	1.6 6682051	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	0.18	250.6	Lg	09:55:42.717	0.2					T__				---		6682050	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
ABAH	0.41	126.4	Pg	09:55:44.915	0.7					T__		38.1		___	ML	1.0 6682052	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ABAH	0.41	126.4	Lg	09:55:49.534	-1.9					T__				---		6682053	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										
HU02A	0.45	198.9	Lg	09:55:52.129	-0.3					T__				---		6682056	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
PSZ	0.84	222.4	Lg	09:56:06.596	0.4					T__				---		6682054	FDSN	GE	--	BUD	iLoc	HHE	???	_		
KOLS	1.09	68.4	Lg	09:56:12.705	-0.5					T__				---		6682055	FDSN	SK	--	BUD	iLoc	HHE	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/25	15:52:16.09	1.06	0.60	47.5930	16.3787	6.1	3.8	162	0.0f		12	8	183	0.12	0.99	sx	BUD	17001498	BUD			199

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Magnitude Err Nsta Author OrigID
ML 1.1 0.3 4 BUD 17001498

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
RONA	0.12	332.5	Pg	15:52:18.725	-0.1					T__		330.4		_c_	ML	1.2 6682487	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.12	332.5	Lg	15:52:20.737	-0.2					T__				---		6682488	FDSN	OE	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
SOP	0.15	53.3	Pg	15:52:19.582	0.1					T__		68.3		___	ML	0.6 6682490	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
SOP	0.15	53.3	Lg	15:52:22.376	0.4					T__				---		6682489	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 0.6 magdef=1)																										
(Station ML: 0.6 magdef=1)																										
A011B	0.34	237.2	Lg	15:52:26.518	-0.8					T__				---		6682494	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
CONA	0.48	314.1	Pg	15:52:25.766	-0.0					T__		29.3		___	ML	1.1 6682491	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	0.48	314.1	Lg	15:52:32.180	-0.1					T__				---		6682495	FDSN	OE	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
ARSA	0.67	239.8	Lg	15:52:38.096	0.5					T__				---		6682492	FDSN	OE	--	BUD	iLoc	HNN	???	_		

A013A	0.81	306.1	Lg	15:52:43.281	1.2					T__						6682496	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A018A	0.89	280.2	Pg	15:52:33.223	-0.2					T__	29.6		---	ML	1.5	6682498	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.89	280.2	Lg	15:52:45.218	0.6					T__			---			6682497	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1																								
(Station ML: 1.5 magdef=1																								
MODS	0.99	37.4	Lg	15:52:50.725	-0.6					T__			---			6682493	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/28	00:30:55.35	1.47	0.74	46.0613	17.0393	13.5	4.9	11	12.0f		10	6	218	0.20	1.13	ke	BUD	17001502	BUD			290

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	5 BUD	17001502

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A264A	0.20	60.4	Pg	00:30:59.422	-0.6					T__		188.8		---	ML	1.1	6689353	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.20	60.4	Lg	00:31:03.189	-0.2					T__				---			6689347	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1																									
(Station ML: 1.1 magdef=0																									
A263A	0.61	18.1	Pg	00:31:07.709	0.2					T__		98.0		---	ML	1.8	6689348	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1																									
(Station ML: 1.8 magdef=0																									
A265A	0.64	55.0	Pg	00:31:08.348	0.3					T__		85.5		---	ML	1.8	6689350	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.64	55.0	Lg	00:31:16.635	-0.1					T__				---			6689354	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1																									
(Station ML: 1.8 magdef=1																									
KOGS	0.67	305.5	Pg	00:31:08.629	0.2					T__		28.5		---	ML	1.3	6689349	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.67	305.5	Lg	00:31:16.840	-0.6					T__				---			6689355	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.3 magdef=1																									
(Station ML: 1.3 magdef=1																									
KOVH	0.74	87.5	Pg	00:31:10.085	0.1					T__		19.1		---	ML	1.2	6689351	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.74	87.5	Lg	00:31:21.092	1.3					T__				---			6689352	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1																									
(Station ML: 1.2 magdef=1																									
MORH	1.13	81.6	Sn	00:31:32.163	1.1					T__				---			6689356	FDSN	HU	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/28	07:32:29.17	3.43	1.37	46.9107	22.7642	29.6	20.7	112	0.0f		10	5	283	0.12	1.62	sx	BUD	17001504	BUD			309

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	5 BUD	17001504

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.12	197.0	Pg	07:32:32.254	0.2					T__		351.5		---	ML	1.2	6690328	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.12	197.0	Lg	07:32:34.392	-0.1					T__				---			6690321	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1																									
(Station ML: 1.2 magdef=0																									
SIRR	1.00	230.2	Pn	07:32:48.676	-0.7					T__		20.2		---	ML	1.4	6690329	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	1.00	230.2	Lg	07:33:02.978	-0.6					T__				---			6690330	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1																									
(Station ML: 1.4 magdef=1																									

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GZR 1.52 179.7 Pn 07:32:57.173 0.1 T__ 145.1 ___ ML 2.5 6690325 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.52 179.7 Sn 07:33:16.583 -1.8 T__ ___ 6690324 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
BZS 1.52 212.0 Pn 07:32:56.867 0.1 T__ 19.4 ___ ML 1.6 6690327 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.52 212.0 Sn 07:33:18.422 0.6 T__ ___ 6690326 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LOT 1.62 154.1 Pn 07:32:58.195 -0.6 T__ 236.2 ___ ML 2.8 6690322 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.62 154.1 Sn 07:33:18.524 -2.9 T__ ___ 6690323 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/28 07:48:24.37 0.89 0.82 47.0948 18.0356 4.7 3.1 107 0.0f 16 9 124 0.22 1.01 sx BUD 17001506 BUD 147

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 8 BUD 17001506

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
TIH 0.22 206.7 Pg 07:48:29.931 0.7 T__ 983.2 ___ ML 1.9 6690404 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MSW2 0.24 29.9 Pg 07:48:29.211 -0.5 T__ 353.3 ___ ML 1.5 6690408 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.24 29.9 Lg 07:48:34.098 -0.4 T__ ___ 6690409 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW3 0.29 12.0 Pg 07:48:31.564 0.8 T__ 397.7 ___ ML 1.7 6690411 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.29 12.0 Lg 07:48:35.727 -0.5 T__ ___ 6690410 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK 0.31 29.6 Pg 07:48:31.503 0.4 T__ 215.7 ___ ML 1.5 6690400 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.31 29.6 Lg 07:48:36.049 -0.9 T__ ___ 6690399 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW1 0.33 27.0 Lg 07:48:37.039 -0.7 T__ 6690412 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.35 347.3 Pg 07:48:33.149 1.4 T__ 170.4 ___ ML 1.5 6690405 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.35 347.3 Lg 07:48:37.786 -0.1 T__ ___ 6690401 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.35 282.7 Pg 07:48:31.708 -0.2 T__ 205.1 ___ ML 1.6 6690397 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.35 282.7 Lg 07:48:36.713 -1.0 T__ ___ 6690398 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 0.97 154.3 Pg 07:48:44.488 0.7 T__ 23.8 ___ ML 1.4 6690406 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.97 154.3 Lg 07:48:58.269 0.1 T__ ___ 6690402 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KOVH 1.01 177.5 Pn 07:48:44.284 -0.3 T__ 36.0 ___ ML 1.6 6690407 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.01 177.5 Lg 07:48:58.064 -1.5 T__ ___ 6690403 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/28	08:42:25.78	1.75	0.67	48.0576	20.6812	12.2	5.0	1	0.0f	7	4	244	0.12	0.45	kx	BUD	17001508	BUD				313
2021/06/28	08:42:26.02	0.97	0.51	48.0750	20.6990f				0.0f	7	4	233	0.13	0.43	kx	BUD_GT	17001509	BUD_GT				306

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	3 BUD_GT	17001509

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	292.1	Pg	08:42:29.001	-0.2					T__		276.4		---	ML	1.1	6690447	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	08:42:31.278	-0.7					T__				---		6690449	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
ABAH	0.42	58.4	Pg	08:42:35.262	0.5					T__		38.5		---	ML	1.1	6690450	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	08:42:41.519	-0.7					T__				---		6690451	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
KECS	0.43	340.8	Lg	08:42:42.132	0.5					T__				---		6690452	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.43	345.9	Pg	08:42:35.056	0.2					T__		31.9		---	ML	1.0	6690446	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	08:42:41.541	-0.1					T__				---		6690448	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/28	09:00:52.99	2.12	0.74	48.9689	19.6967	17.3	5.4	84	4.1	20.7	10	6	228	0.60	1.23	ke	BUD	17001510	BUD				309

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	17001510

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
NIE	0.60	41.1	Pg	09:01:04.443	0.1					T__		25.6		---	ML	1.2	6690484	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.60	41.1	Lg	09:01:12.769	-0.2					T__				---		6690485	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KECS	0.71	132.6	Pg	09:01:07.849	0.7					T__		121.6		---	ML	2.0	6690481	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.71	132.6	Lg	09:01:17.145	-0.6					T__				---		6690480	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
JOS	0.73	130.0	Pg	09:01:07.900	0.4					T__		32.9		---	ML	1.4	6690479	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.73	130.0	Lg	09:01:17.621	-0.7					T__				---		6690486	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU02A	1.01	146.7	Pn	09:01:13.671	0.6					T__		43.1		---	ML	1.7	6690483	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.01	146.7	Lg	09:01:26.952	-0.8					T__				---		6690482	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
PSZ	1.06	172.8	Lg	09:01:29.114	-0.6					T__				---		6690487	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ABAH	1.23	122.8	Lg	09:01:34.582	0.5					T__				---		6690488	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/28	09:06:41.07	1.47	0.68	48.4799	20.8101	11.1	5.8	23	0.0f		7	5	207	0.18	0.83	sx	BUD	17001512	BUD			292

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	275.1	Pg	09:06:45.256	0.4					T__		370.7		---	ML	1.4	6690513	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	275.1	Lg	09:06:47.848	-0.1					T__				---		6690514	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.22	271.0	Pg	09:06:45.810	0.2					T__		549.8		---	ML	1.6	6690512	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	271.0	Lg	09:06:48.270	-0.9					T__				---		6690515	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.34	122.6	Lg	09:06:53.735	-0.5					T__				---		6690516	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.41	208.1	Lg	09:06:56.851	0.4					T__				---		6690517	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.83	227.8	Lg	09:07:10.489	-0.7					T__				---		6690518	FDSN	GE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/28	09:11:34.81	0.91	1.03	48.4183	17.3224	5.0	3.0	122	0.0f		12	7	94	0.05	1.09	sx	BUD	17001514	BUD			186

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 4 BUD 17001514

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.05	213.9	Pg	09:11:37.038	0.5					T__				---	c_	6690545	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.05	213.9	Lg	09:11:38.341	0.0					T__				---		6690546	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.27	213.5	Pg	09:11:40.358	-0.3					T__				---		6690547	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.27	213.5	Lg	09:11:43.607	-1.7					T__				---		6690556	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A337A	0.36	119.0	Pg	09:11:42.917	0.6					T__		361.7		---	ML	1.9	6690554	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JAVC	0.50	27.5	Pg	09:11:45.619	0.3					T__		95.7		---	ML	1.7	6690548	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.50	27.5	Lg	09:11:51.366	-2.0					T__				---		6690549	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KRUC	0.89	316.7	Pg	09:11:52.928	1.0					T__		35.1		---	ML	1.5	6690555	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.89	316.7	Lg	09:12:04.544	-0.5					T__				---		6690550	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
RONA	1.00	224.1	Pg	09:11:55.401	0.8					T__		30.4		---	ML	1.5	6690551	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.00	224.1	Lg	09:12:07.711	0.2					T__				---		6690552	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CONA	1.09	243.9	Lg	09:12:10.673	0.1					T__				---		6690553	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/28	09:52:00.95	1.05	0.66	47.8186	19.1248	13.3	3.0	178	0.0f		11	7	166	0.08	1.16	kx	BUD	17001516	BUD			211

2021/06/28 09:52:01.04 0.89 0.58 47.8355 19.1270f 0.0f 11 7 163 0.07 1.15 kx BUD\_GT 17001517 BUD\_GT 197  
 (locality : Sejce-Vác Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 4 BUD\_GT 17001517

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	277.6	Pg	09:52:03.345	0.3					T__		2268.7		---	ML	1.9	6690734	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:52:04.596	-0.3					T__				---		6690735	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU03A	0.33	77.7	Pg	09:52:08.606	0.5					T__		136.1		---	ML	1.3	6690736	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	77.7	Lg	09:52:13.867	0.4					T__				---		6690738	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
PSZ	0.52	80.6	Lg	09:52:20.022	-0.8					T__				---		6690739	FDSN	GE	--	BUD	iLoc	HHN	???	_	
A338A	0.55	289.3	Lg	09:52:21.401	-0.2					T__				---		6690737	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
HU08A	0.91	244.0	Lg	09:52:32.715	-0.8					T__				---		6690740	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.5	Pn	09:52:20.865	-0.2					T__		39.5		---	ML	1.6	6690742	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	09:52:35.882	-1.0					T__				---		6690741	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
JOS	1.15	54.5	Pn	09:52:23.419	0.1					T__		32.0		---	ML	1.6	6690743	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	09:52:40.275	-0.7					T__				---		6690744	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/06/28 10:00:36.39 1.01 0.73 48.1924 16.9353 10.0 4.4 155 0.0f 7 5 160 0.11 1.33 sx BUD 17001518 BUD 197

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZST	0.11	88.0	Pg	10:00:39.749	0.5					T__				---		6690766	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.11	88.0	Lg	10:00:40.975	-0.8					T__				---		6690767	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.29	51.4	Pg	10:00:43.095	0.3					T__				---		6690769	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.29	51.4	Lg	10:00:47.360	-0.6					T__				---		6690768	FDSN	SK	--	BUD	iLoc	HHE	???	_
RONA	0.65	221.3	Lg	10:00:57.422	-0.8					T__				---		6690770	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.77	250.2	Lg	10:01:01.330	-0.3					T__				---		6690771	FDSN	OE	--	BUD	iLoc	HHN	???	_
A018A	1.33	250.9	Lg	10:01:19.054	0.3					T__				---		6690772	FDSN	Z3	00	BUD	iLoc	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/06/28 12:28:35.44 0.92 0.87 47.5872 16.3763 5.0 3.8 1 0.0f 15 9 120 0.12 1.06 sx BUD 17001522 BUD 163

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 7 BUD 17001522

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

RONA	0.12	334.4	Pg	12:28:38.315	0.0	T__	497.3	_c_	ML	1.3	6690840	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	334.4	Lg	12:28:39.592	-0.9	T__		---			6690841	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
SOP	0.16	51.9	Pg	12:28:39.464	0.5	T__	202.7	---	ML	1.0	6690843	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.16	51.9	Lg	12:28:41.967	0.4	T__		---			6690842	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=0)																			
A011B	0.33	237.9	Pg	12:28:41.788	-0.3	T__	66.7	---	ML	1.1	6690844	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
CONA	0.49	314.7	Pg	12:28:45.160	-0.1	T__	70.0	---	ML	1.5	6690845	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.49	314.7	Lg	12:28:51.544	-0.2	T__		---			6690846	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
A013A	0.81	306.5	Lg	12:29:02.628	1.1	T__		---			6690847	FDSN	Z3	00	BUD	iLoc	HHE	???	_
A018A	0.89	280.6	Pg	12:28:53.587	0.8	T__	74.5	---	ML	1.9	6690849	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.89	280.6	Lg	12:29:04.314	0.4	T__		---			6690848	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MPLH	0.89	117.4	Pg	12:28:54.251	0.8	T__	37.6	---	ML	1.6	6690851	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.89	117.4	Lg	12:29:05.591	-1.0	T__		---			6690850	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
MODS	0.99	37.2	Lg	12:29:09.166	-1.8	T__		---			6690852	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU08A	1.06	97.9	Pn	12:28:57.520	0.9	T__	62.7	---	ML	1.9	6690853	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.06	97.9	Sn	12:29:12.027	-0.4	T__		---			6690854	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/28	13:36:13.82	1.08	0.92	47.8877	16.0865	12.5	4.1	36	0.0f		9	5	142	0.16	1.51	sx	BUD	17001524	BUD			275

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.6	4 BUD	17001524

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	285.1	Pg	13:36:17.464	0.3					T__		178.5		---	ML	1.0	6690888	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	285.1	Lg	13:36:18.869	-0.7					T__				---		6690889	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.24	143.0	Pg	13:36:18.818	0.0					T__		88.2		---	ML	0.9	6690891	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	143.0	Lg	13:36:22.291	0.0					T__				---		6690890	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KRUC	1.19	9.8	Pg	13:36:36.593	-0.1					T__		34.7		---	ML	1.7	6690893	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.19	9.8	Sn	13:36:54.062	-0.1					T__				---		6690892	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
TREC	1.46	344.4	Pn	13:36:41.650	0.6					T__		53.7		---	ML	2.0	6690894	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.46	344.4	Sn	13:37:02.592	2.0					T__				---		6690895	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									

(Station ML: 2.0 magdef=1  
 CKRC 1.51 308.9 Sn 13:37:02.490 0.3 T\_\_ --- 6690896 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/06/28 14:31:00.08 4.54 0.91 46.8964 22.8039 45.8 24.6 129 0.0f 6 5 282 0.12 1.60 sx BUD 17001526 BUD 308

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L  
 DRGR 0.12 211.3 Pg 14:31:02.946 0.0 T\_\_ 172.8 \_c ML 0.9 6691065 FDSN RO -- BUD iLoc HHZ HHZ \_  
 DRGR 0.12 211.3 Lg 14:31:05.372 0.0 T\_\_ --- 6691066 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.9 magdef=1  
 (Station ML: 0.9 magdef=0  
 SIRR 1.01 231.9 Lg 14:31:34.410 -0.4 T\_\_ --- 6691067 FDSN RO -- BUD iLoc HHN ??? \_  
 GZR 1.50 180.7 Sn 14:31:48.763 -0.2 T\_\_ --- 6691068 FDSN RO -- BUD iLoc HHN ??? \_  
 BZS 1.52 213.2 Sn 14:31:49.682 0.9 T\_\_ --- 6691069 FDSN RO -- BUD iLoc HHN ??? \_  
 LOT 1.60 154.8 Sn 14:31:50.500 -1.2 T\_\_ --- 6691070 FDSN RO -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/06/28 16:45:47.32 0.99 0.94 47.6564 16.3642 7.4 3.7 4 0.0f 14 9 147 0.06 0.94 sx BUD 17001528 BUD 178

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 5 BUD 17001528

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L  
 RONA 0.06 313.4 Pg 16:45:48.668 -0.3 T\_\_ 221.0 \_c ML 0.8 6691105 FDSN OE -- BUD iLoc HHZ HHZ \_  
 RONA 0.06 313.4 Lg 16:45:50.813 0.5 T\_\_ --- 6691098 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.8 magdef=1  
 (Station ML: 0.8 magdef=1  
 SOP 0.13 78.4 Pg 16:45:49.966 -0.4 T\_\_ 71.2 --- ML 0.5 6691107 FDSN HU -- BUD iLoc HHZ HHZ \_  
 SOP 0.13 78.4 Lg 16:45:52.597 -0.1 T\_\_ --- 6691106 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.5 magdef=1  
 (Station ML: 0.5 magdef=0  
 CONA 0.43 308.9 Lg 16:46:02.766 0.8 T\_\_ --- 6691099 FDSN OE -- BUD iLoc HHN ??? \_  
 EGYH 0.70 109.7 Lg 16:46:14.003 2.0 T\_\_ --- 6691102 FDSN HU -- BUD iLoc HHN ??? \_  
 A013A 0.76 302.6 Pg 16:46:02.459 0.4 T\_\_ 59.1 --- ML 1.7 6691100 FDSN Z3 00 BUD iLoc HHZ HHZ \_  
 A013A 0.76 302.6 Lg 16:46:12.726 0.8 T\_\_ --- 6691101 FDSN Z3 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=0  
 A008A 0.86 326.4 Lg 16:46:16.425 0.9 T\_\_ --- 6691111 FDSN Z3 00 BUD iLoc HH3 ??? \_  
 A018A 0.87 276.2 Pg 16:46:04.043 -0.2 T\_\_ 19.4 --- ML 1.3 6691104 FDSN Z3 00 BUD iLoc HHZ HHZ \_  
 A018A 0.87 276.2 Lg 16:46:15.352 0.1 T\_\_ --- 6691108 FDSN Z3 00 BUD iLoc HHE ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 A019A 0.89 256.8 Pg 16:46:03.247 -1.5 T\_\_ 22.5 --- ML 1.3 6691110 FDSN Z3 00 BUD iLoc HHZ HHZ \_  
 A019A 0.89 256.8 Lg 16:46:15.710 -0.4 T\_\_ --- 6691109 FDSN Z3 00 BUD iLoc HH3 ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 MODS 0.94 40.2 Lg 16:46:20.235 -0.9 T\_\_ --- 6691103 FDSN SK -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/28	23:15:31.73	1.22	0.55	47.4192	18.1913	4.7	3.0	178	4.3	11.1	11	6	116	0.05	0.25	ke	BUD	17001530	BUD			205

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.0	5 BUD	17001530

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW1	0.05	119.8	Pg	23:15:33.740	0.4					T__		133.0		___	ML	0.6	6691146	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	119.8	Lg	23:15:34.622	-0.3					T__				---		6691145	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
MSW3	0.06	230.8	Pg	23:15:33.606	0.2					T__		153.0		_d	ML	0.6	6691149	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.06	230.8	Lg	23:15:34.354	-0.5					T__				---		6691151	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
CSKK	0.07	140.0	Pg	23:15:34.085	0.4					T__		123.3		___	ML	0.6	6691144	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	140.0	Lg	23:15:35.255	-0.3					T__				---		6691152	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
MSW2	0.12	173.5	Pg	23:15:34.680	0.2					T__		78.4		_c	ML	0.5	6691147	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.12	173.5	Lg	23:15:36.540	-0.4					T__				---		6691148	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
HU08A	0.18	273.9	Pg	23:15:36.099	0.4					T__		18.3		___	ML	0.1	6691150	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.18	273.9	Lg	23:15:38.833	-0.1					T__				---		6691153	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.1 magdef=1)																									
(Station ML: 0.1 magdef=0)																									
HU09A	0.25	30.5	Lg	23:15:40.530	-1.0					T__				---		6691154	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/29	06:54:41.72	0.87	1.20	47.9052	19.4031	7.2	2.6	171	0.0f		19	12	158	0.13	1.50	kx	BUD	17001532	BUD			166
2021/06/29	06:54:41.65	0.83	0.79	47.9151	19.4088f				0.0f		19	12	153	0.13	1.50	kx	BUD_GT	17001533	BUD_GT			160

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	7 BUD_GT	17001533

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.13	95.0	Pg	06:54:45.740	1.0					T__		2481.5		___	ML	2.1	6691667	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	95.0	Lg	06:54:47.451	0.1					T__				---		6691668	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU10A	0.27	255.2	Pg	06:54:48.268	0.7					T__		791.6		___	ML	2.0	6691670	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.27	255.2	Lg	06:54:51.640	-0.8					T__				---		6691669	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.33	89.2	Pg	06:54:49.201	0.1					T__		221.1		_c	ML	1.6	6691653	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	89.2	Lg	06:54:54.449	-0.3					T__				---		6691671	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

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(Station ML: 1.6 magdef=0
VYHS 0.69 326.7 Lg 06:55:05.699 -0.4 T__ --- 6691654 FDSN SK -- BUD iLoc HHE ??? _
A338A 0.72 278.4 Lg 06:55:07.181 -0.9 T__ --- 6691655 FDSN Z3 00 BUD iLoc HH2 ??? _
HU09A 0.75 248.6 Lg 06:55:06.772 -2.2 T__ --- 6691656 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.78 74.1 Pg 06:54:58.089 0.3 T__ 67.6 --- ML 1.8 6691658 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.78 74.1 Lg 06:55:09.479 -0.5 T__ --- 6691657 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.92 51.3 Pn 06:55:00.949 0.3 T__ 140.3 --- ML 2.2 6691659 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.92 51.3 Lg 06:55:13.974 0.2 T__ --- 6691660 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 0.95 52.0 Pn 06:55:01.715 0.6 T__ 60.4 --- ML 1.8 6691662 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.95 52.0 Lg 06:55:13.821 -1.1 T__ --- 6691661 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 1.28 72.1 Lg 06:55:26.948 0.2 T__ --- 6691663 FDSN HU -- BUD iLoc HHE ??? _
JAVC 1.49 309.8 Pg 06:55:11.727 -0.1 T__ 33.3 --- ML 1.9 6691666 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.49 309.8 Sn 06:55:31.238 -0.0 T__ --- 6691665 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 1.50 288.6 Sn 06:55:29.604 -1.1 T__ --- 6691664 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/29 07:18:36.12 1.53 0.83 47.9602 20.3807 13.5 3.9 145 0.0f 9 5 203 0.19 0.67 kx BUD 17001534 BUD 308
2021/06/29 07:18:36.37 0.95 0.69 47.9767 20.3679f 0.0f 9 5 198 0.18 0.67 kx BUD_GT 17001535 BUD_GT 307

```

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

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.2 4 BUD_GT 17001535

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 07:18:40.674 0.0 T__ 248.4 _c ML 1.2 6691728 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 07:18:43.230 -0.9 T__ --- 6691732 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.32 259.8 Pg 07:18:44.040 0.3 T__ 61.2 --- ML 1.0 6691730 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.32 259.8 Lg 07:18:48.152 -1.1 T__ --- 6691733 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.51 8.8 Pg 07:18:47.845 1.1 T__ 147.9 --- ML 1.9 6691731 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.51 8.8 Lg 07:18:54.771 0.1 T__ --- 6691726 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.53 12.4 Pg 07:18:47.515 0.4 T__ 21.0 --- ML 1.1 6691729 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 07:18:54.925 -0.4 T__ --- 6691727 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ABAH 0.67 61.0 Lg 07:19:00.999 0.0 T__ --- 6691734 FDSN HU -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/29	07:59:00.93	1.14	1.12	46.0603	22.8374	8.3	4.5	45	0.0f		12	7	87	0.18	1.46	sx	BUD	17001536	BUD			139

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	17001536

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.18	165.4	Pg	07:59:04.378	-0.0					T__		714.0		___	ML	1.7	6691773	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	165.4	Lg	07:59:07.065	0.1					T__				---		6691768	FDSN	RO	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
GZR	0.67	183.7	Pg	07:59:13.603	-0.2					T__		88.1		---	ML	1.8	6691769	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	183.7	Lg	07:59:23.389	0.1					T__				---		6691777	FDSN	RO	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
DRGR	0.74	353.2	Lg	07:59:25.279	-2.4					T__				---		6691778	FDSN	RO	--	BUD	iLoc	HHE	???	_	
SIRR	0.84	284.6	Pg	07:59:18.967	0.8					T__		38.2		---	ML	1.6	6691772	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.84	284.6	Lg	07:59:30.182	-0.2					T__				---		6691779	FDSN	RO	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
LOT	0.89	132.8	Pg	07:59:18.967	0.9					T__		70.8		---	ML	1.8	6691771	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.89	132.8	Lg	07:59:30.306	-0.9					T__				---		6691770	FDSN	RO	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
BZS	0.96	243.0	Pg	07:59:19.728	0.1					T__		25.2		---	ML	1.4	6691775	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.96	243.0	Lg	07:59:32.191	-1.0					T__				---		6691774	FDSN	RO	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=0)																					
ARCR	1.46	45.0	Pn	07:59:29.586	1.4					T__		70.0		---	ML	2.2	6691776	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=0)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/29	08:12:14.40	0.93	1.56	46.8885	17.3278	5.2	3.7	79	0.0f		11	7	98	0.14	1.13	sx	BUD	17001538	BUD			188

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	4 BUD	17001538

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.14	297.4	Pg	08:12:17.224	-0.6					T__		6206.7		___	ML	2.5	6691815	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.14	297.4	Lg	08:12:20.851	0.2					T__				---		6691816	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.5 magdef=1)																					
				(Station ML: 2.5 magdef=1)																					
A263A	0.25	182.1	Pg	08:12:19.369	-0.6					T__		812.9		---	ML	1.9	6691817	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.25	182.1	Lg	08:12:23.183	-0.9					T__				---		6691814	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
MPLH	0.32	27.1	Pg	08:12:21.617	0.3					T__		149.6		---	ML	1.4	6691818	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	27.1	Lg	08:12:26.214	-0.6					T__				---		6691819	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
A264A	0.73	182.1	Lg	08:12:41.251	2.1					T__				---		6691823	FDSN	Z3	00	BUD	iLoc	HNN	???	_	

KOGS 0.86 239.7 Lg 08:12:45.675 2.9 T\_\_ --- 6691820 FDSN SL -- BUD iLoc BHE ??? \_  
 KOVH 0.96 146.0 Pg 08:12:34.188 0.4 T\_\_ 36.2 --- ML 1.6 6691822 FDSN HU -- BUD iLoc HHZ HHZ \_  
 KOVH 0.96 146.0 Lg 08:12:46.600 -0.9 T\_\_ --- 6691821 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 MORH 1.13 126.1 Sn 08:12:51.072 -1.9 T\_\_ --- 6691813 FDSN HU -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/06/29 08:42:44.81 1.89 1.44 47.0567 22.2630 17.0 5.9 8 0.0f 11 7 210 0.41 1.92 sx BUD 17001540 BUD 231

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.4 6 BUD 17001540

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 DRGR 0.41 130.6 Pg 08:42:53.295 0.2 T\_\_ 228.5 \_c ML 1.8 6691855 FDSN RO -- BUD iLoc HHZ HHZ \_  
 DRGR 0.41 130.6 Lg 08:42:58.250 -1.6 T\_\_ --- 6691856 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 HU24A 0.77 259.4 Pg 08:43:00.778 -0.3 T\_\_ 280.3 --- ML 2.4 6691857 FDSN ZJ 00 BUD iLoc HHE HHZ \_  
 (Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=1  
 SIRR 0.89 208.0 Pg 08:43:03.383 0.6 T\_\_ 27.8 --- ML 1.4 6691858 FDSN RO -- BUD iLoc HHZ HHZ \_  
 SIRR 0.89 208.0 Lg 08:43:15.029 -1.2 T\_\_ --- 6691859 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=0  
 CJR 0.98 110.1 Pn 08:43:06.244 1.3 T\_\_ 258.6 --- ML 2.5 6691860 FDSN RO -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.5 magdef=1  
 (Station ML: 2.5 magdef=0  
 BZS 1.51 197.5 Pn 08:43:13.241 1.1 T\_\_ 21.5 --- ML 1.7 6691861 FDSN RO -- BUD iLoc HHZ HHZ \_  
 BZS 1.51 197.5 Sn 08:43:32.804 -0.4 T\_\_ --- 6691862 FDSN RO -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 HU21A 1.89 248.4 Sn 08:43:44.195 2.4 T\_\_ --- 6691863 FDSN ZJ 00 BUD iLoc HHE ??? \_  
 LOT 1.92 146.4 Pn 08:43:20.494 1.9 T\_\_ 39.9 --- ML 2.2 6691865 FDSN RO -- BUD iLoc HHZ HHZ \_  
 LOT 1.92 146.4 Sn 08:43:44.552 0.4 T\_\_ --- 6691864 FDSN RO -- BUD iLoc HHE ??? \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/06/29 09:01:38.17 1.25 0.64 47.2166 18.2747 7.4 4.6 112 0.0f 13 9 108 0.10 1.33 kx BUD 17001542 BUD 208  
 2021/06/29 09:01:38.31 0.91 0.62 47.2302 18.2835f 0.0f 13 9 109 0.09 1.32 kx BUD\_GT 17001543 BUD\_GT 206

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

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.1 4 BUD\_GT 17001543

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 MSW2 0.09 325.6 Pg 09:01:41.274 0.5 T\_\_ 479.2 --- ML 1.2 6692027 FDSN HU -- BUD iLoc HHZ HHZ \_  
 MSW2 0.09 325.6 Lg 09:01:42.413 -0.7 T\_\_ --- 6692030 FDSN HU -- BUD iLoc HHN ??? \_

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.13 353.3 Pg 09:01:42.009 0.4 T__ 289.1 ___ ML 1.1 6692022 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.3 Lg 09:01:44.321 -0.4 T__ ___ 6692031 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW1 0.16 354.2 Pg 09:01:43.002 0.8 T__ 223.5 ___ ML 1.1 6692033 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.16 354.2 Lg 09:01:45.634 -0.1 T__ ___ 6692028 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW3 0.19 325.1 Lg 09:01:46.203 -0.3 T__ ___ 6692029 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.32 309.6 Lg 09:01:50.539 -0.3 T__ ___ 6692023 FDSN ZJ 00 BUD iLoc HHE ??? _
MPLH 0.51 263.5 Pg 09:01:49.057 0.1 T__ 44.4 ___ ML 1.4 6692024 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.51 263.5 Lg 09:01:56.279 -0.7 T__ ___ 6692032 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MORH 1.05 166.2 Lg 09:02:12.991 -1.4 T__ ___ 6692034 FDSN HU -- BUD iLoc HHZ ??? _
PSZ 1.29 57.1 Sn 09:02:21.901 -0.2 T__ ___ 6692025 FDSN GE -- BUD iLoc HHE ??? _
VYHS 1.32 16.2 Sn 09:02:22.360 -0.4 T__ ___ 6692026 FDSN SK -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/29 09:19:51.75 1.34 0.97 48.9023 20.9760 8.8 5.9 70 0.0f 12 8 193 0.50 1.68 sx BUD 17001544 BUD 230

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 5 BUD 17001544

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.50 215.6 Pg 09:20:01.824 0.1 T__ 47.0 ___ ML 1.4 6692071 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.50 215.6 Lg 09:20:09.434 0.2 T__ ___ 6692078 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KECS 0.53 217.9 Pg 09:20:02.334 -0.0 T__ 125.6 ___ ML 1.9 6692070 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.53 217.9 Lg 09:20:11.611 1.2 T__ ___ 6692076 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
ABAH 0.63 163.8 Pg 09:20:04.990 0.6 T__ 67.5 ___ ML 1.7 6692081 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.63 163.8 Lg 09:20:13.265 -1.6 T__ ___ 6692080 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 0.68 319.6 Lg 09:20:14.593 0.2 T__ 6692079 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.84 201.2 Pg 09:20:08.581 -0.4 T__ 27.7 ___ ML 1.4 6692073 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.84 201.2 Lg 09:20:20.498 -1.3 T__ ___ 6692077 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 1.22 216.6 Pn 09:20:14.951 -0.3 T__ 30.8 ___ ML 1.7 6692072 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
OJC 1.53 330.3 Lg 09:20:39.892 -1.2 T__ 6692074 FDSN PL -- BUD iLoc BHN ??? _
HU10A 1.68 231.7 Sn 09:20:45.409 0.8 T__ ___ 6692075 FDSN ZJ 00 BUD iLoc HHE ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/29	13:36:34.04	1.08	0.44	47.8823	16.0876	8.1	3.5	43	0.0f	9	7	173	0.16	0.74	sx	BUD	17001546	BUD				221

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.16	286.9	Pg	13:36:37.210	-0.2					T__		189.2		---	ML	1.0	6692245	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	286.9	Lg	13:36:39.534	-0.3					T__				---		6692244	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.23	142.3	Pg	13:36:38.896	-0.0					T__		83.5		---	ML	0.9	6692246	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	142.3	Lg	13:36:42.292	-0.0					T__				---		6692247	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
A011B	0.48	190.5	Lg	13:36:49.571	-0.2					T__				---		6692248	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A013A	0.49	291.9	Lg	13:36:50.133	0.2					T__				---		6692249	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A008A	0.57	329.2	Lg	13:36:53.147	0.4					T__				---		6692250	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A018A	0.69	258.9	Lg	13:36:57.080	0.8					T__				---		6692251	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.74	211.4	Lg	13:36:57.922	0.3					T__				---		6692243	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/30	07:59:07.76	1.02	0.88	47.4302	18.7194	7.7	3.5	154	0.0f	16	11	107	0.21	1.40	sx	BUD	17001548	BUD					174

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	17001548

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BUD	0.21	75.4	Lg	07:59:15.891	-1.0					T__				---		6692421	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.31	312.5	Lg	07:59:19.262	-0.8					T__				---		6692424	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW1	0.31	263.4	Pg	07:59:15.321	0.8					T__		247.6		---	ML	1.6	6692431	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.31	263.4	Lg	07:59:19.356	-1.0					T__				---		6692432	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.32	258.0	Pg	07:59:15.329	0.7					T__		318.3		---	ML	1.7	6692423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.32	258.0	Lg	07:59:19.364	-1.1					T__				---		6692422	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
MSW2	0.37	249.9	Pg	07:59:15.994	0.4					T__		86.3		---	ML	1.3	6692434	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.37	249.9	Lg	07:59:21.662	-0.5					T__				---		6692433	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
MSW3	0.41	263.6	Pg	07:59:16.859	0.6					T__		159.0		---	ML	1.6	6692435	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.41	263.6	Lg	07:59:22.430	-0.9					T__				---		6692436	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU10A	0.46	25.9	Lg	07:59:24.625	-0.7					T__				---		6692425	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.93	58.0	Lg	07:59:41.276	-0.4					T__				---		6692426	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.07	4.2	Pn	07:59:29.784	0.7					T__		15.0		---	ML	1.3	6692428	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.07	4.2	Lg	07:59:44.903	-0.1					T__				---		6692427	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	1.22	182.5	Sn	07:59:48.938	0.0					T__				---		6692429	FDSN	HU	--	BUD	iLoc	HHE	???	_	

HU02A 1.40 59.7 Sn 07:59:55.272 1.4 T\_\_ --- 6692430 FDSN ZJ 00 BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/06/30	08:06:43.54	1.07	1.03	46.2984	21.8383	6.8	4.7	166	0.0f	8	4	154	0.13	1.12	sx	BUD	17001550	BUD				247

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	17001550

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.13	256.1	Pg	08:06:46.979	0.3					T__		285.2		---	ML	1.1	6692466	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.13	256.1	Lg	08:06:49.073	-0.2					T__				---		6692467	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
BZS	0.70	192.9	Pg	08:06:57.297	0.1					T__		30.5		---	ML	1.4	6692469	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.70	192.9	Lg	08:07:06.287	-0.9					T__				---		6692468	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
DRGR	0.78	50.4	Pg	08:06:59.442	0.3					T__		52.0		---	ML	1.6	6692470	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.78	50.4	Lg	08:07:09.505	-1.9					T__				---		6692471	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
GZR	1.12	143.7	Pg	08:07:05.623	0.8					T__		41.7		---	ML	1.7	6692473	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.12	143.7	Lg	08:07:20.180	-0.2					T__				---		6692472	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/30	08:20:47.08	2.94	3.14	46.1207	18.1081	29.5	4.3	128	0.0f	5	3	149	0.03	1.12	sx	BUD	17001552	BUD					264

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	190.0	Pg	08:20:48.702	0.2					T__		1263.0		---	ML	1.5	6692495	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	190.0	Lg	08:20:49.673	-0.3					T__				---		6692496	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.38	75.6	Pg	08:20:55.751	0.5					T__		32.0		---	ML	0.9	6692498	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.38	75.6	Lg	08:21:00.501	-1.1					T__				---		6692497	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MPLH	1.12	339.7	Sn	08:21:21.341	-4.3					T__				---		6692499	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/06/30	09:08:15.63	0.96	1.18	47.9149	18.9571	6.3	3.8	55	0.0f	9	5	134	0.08	1.21	sx	BUD	17001554	BUD					202

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	17001554

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

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HU10A 0.08 149.3 Pg 09:08:18.370 0.6 T__ 1209.7 ___ ML 1.6 6692524 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.08 149.3 Lg 09:08:19.057 -0.7 T__ ___ 6692528 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
A338A 0.42 284.1 Lg 09:08:30.486 -1.1 T__ ___ 6692529 FDSN Z3 00 BUD iLoc HH2 ??? _
VYHS 0.59 352.1 Pg 09:08:28.405 0.8 T__ 11.8 ___ ML 0.9 6692531 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.59 352.1 Lg 09:08:35.811 -0.6 T__ ___ 6692530 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ 0.63 89.3 Pg 09:08:29.377 0.2 T__ 44.9 ___ ML 1.5 6692525 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.63 89.3 Lg 09:08:38.325 -0.8 T__ ___ 6692523 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 1.21 60.6 Pn 09:08:39.236 0.5 T__ 23.8 ___ ML 1.5 6692526 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.21 60.6 Sn 09:08:54.814 -2.1 T__ ___ 6692527 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/30 09:21:04.58 0.85 1.45 48.4053 18.4848 4.9 3.2 1 0.0f 14 10 118 0.25 1.37 sx BUD 17001556 BUD 160

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 4 BUD 17001556

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.25 69.1 Pg 09:21:10.482 0.6 T__ 82.6 ___ ML 0.9 6692564 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.25 69.1 Lg 09:21:14.393 0.5 T__ ___ 6692569 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
A338A 0.40 192.8 Lg 09:21:19.757 0.0 T__ ___ 6692570 FDSN Z3 00 BUD iLoc HH2 ??? _
HU10A 0.66 147.3 Lg 09:21:27.572 -1.4 T__ ___ 6692572 FDSN ZJ 00 BUD iLoc HHE ??? _
JAVC 0.71 310.4 Pg 09:21:19.676 0.5 T__ 50.4 ___ ML 1.6 6692565 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.71 310.4 Lg 09:21:27.469 -2.7 T__ ___ 6692571 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MODS 0.81 268.2 Pg 09:21:22.383 1.4 T__ ___ 6692566 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.81 268.2 Lg 09:21:32.118 -1.3 T__ ___ 6692573 FDSN SK -- BUD iLoc HHE ??? _
ZST 0.95 257.7 Lg 09:21:38.347 0.5 T__ ___ 6692567 FDSN SK -- BUD iLoc HHE ??? _
HU08A 1.05 201.4 Lg 09:21:39.779 -1.7 T__ ___ 6692574 FDSN ZJ 00 BUD iLoc HHE ??? _
CSKK 1.05 188.3 Sn 09:21:40.801 -1.7 T__ ___ 6692575 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.06 116.8 Pn 09:21:26.244 0.3 T__ 36.8 ___ ML 1.7 6692577 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.06 116.8 Lg 09:21:40.903 -1.7 T__ ___ 6692576 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 1.37 85.4 Pn 09:21:30.481 0.4 T__ 19.7 ___ ML 1.6 6692568 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/06/30 10:26:22.47 1.50 1.12 47.8783 20.1659 14.0 3.4 159 0.0f 14 8 172 0.19 1.23 kx BUD 17001558 BUD 199

```

2021/06/30 10:26:22.34 0.91 0.92 47.8650 20.1529f 0.0f 14 8 173 0.18 1.22 kx BUD\_GT 17001559 BUD\_GT 200  
 (locality : Kiszána Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 6 BUD\_GT 17001559

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.18	287.2	Pg	10:26:27.234	0.4					T__		675.3		---	ML	1.6 6692612	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:26:30.095	-0.4					T__				---		6692613	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
HU02A	0.36	44.0	Pg	10:26:30.095	-0.1					T__		135.2		---	ML	1.4 6692615	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:26:35.407	-0.9					T__				---		6692614	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU03A	0.37	276.2	Pg	10:26:31.014	0.6					T__		96.7		---	ML	1.3 6692616	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.37	276.2	Lg	10:26:36.888	0.4					T__				---		6692617	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																								
KECS	0.66	19.7	Pg	10:26:34.896	-0.7					T__		109.7		---	ML	1.9 6692618	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.66	19.7	Lg	10:26:45.929	0.3					T__				---		6692619	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																								
JOS	0.68	22.1	Pg	10:26:36.020	0.0					T__		31.9		---	ML	1.4 6692621	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	10:26:46.287	-0.2					T__				---		6692620	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
ABAH	0.85	59.0	Pg	10:26:39.646	0.4					T__		40.2		---	ML	1.6 6692622	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	59.0	Lg	10:26:51.803	-1.1					T__				---		6692623	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
A271A	1.14	232.0	Sn	10:26:59.465	-2.1					T__				---		6692624	FDSN	Z3	00	BUD	iLoc	HHE	???	_
HU09A	1.22	259.9	Sn	10:27:01.917	-1.7					T__				---		6692625	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/06/30 10:44:41.61 1.04 1.07 46.9443 17.5446 7.1 3.6 2 0.0f 10 6 188 0.24 1.02 sx BUD 17001560 BUD 243

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.2 4 BUD 17001560

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
TIH	0.24	100.4	Pg	10:44:47.243	0.2					T__		827.8		---	ML	1.9 6692658	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.24	100.4	Lg	10:44:50.927	-0.4					T__				---		6692665	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
A261A	0.27	271.8	Pg	10:44:48.111	0.5					T__		2191.6		---	ML	2.4 6692659	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.27	271.8	Lg	10:44:51.079	-1.0					T__				---		6692664	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=1)																								
A263A	0.34	207.6	Pg	10:44:49.848	0.9					T__		922.3		---	ML	2.2 6692660	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.34	207.6	Lg	10:44:52.555	-1.7					T__				---		6692661	FDSN	Z3	00	BUD	iLoc	HHN	???	_

```

(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A262A 0.70 263.8 Lg 10:45:04.923 -0.3 T__
KOVH 0.94 155.7 Pn 10:45:02.158 1.3 T__ 98.8
KOVH 0.94 155.7 Lg 10:45:12.960 -0.5 T__
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOGS 1.02 241.3 Lg 10:45:14.059 -0.8 T__

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/01 07:52:35.80 0.99 1.31 47.8559 19.1239 7.2 3.9 166 0.0f 11 7 178 0.07 1.14 kx BUD 17001562 BUD 260
2021/07/01 07:52:35.62 0.91 1.24 47.8355 19.1270f 0.0f 11 7 197 0.07 1.15 kx BUD_GT 17001563 BUD_GT 263
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD_GT 17001563

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 277.6 Pg 07:52:38.198 0.6 T__ 1116.7 ___ ML 1.6 6693091 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 07:52:39.041 -0.4 T__ ___ 6693090 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.33 77.7 Lg 07:52:48.606 0.6 T__ ___ 6693089 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.52 80.6 Lg 07:52:54.084 -1.3 T__ ___ 6693092 FDSN GE -- BUD iLoc HHE ??? _
VYHS 0.69 343.6 Pg 07:52:50.738 1.1 T__ 12.1 ___ ML 1.0 6693093 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 343.6 Lg 07:52:57.582 -2.3 T__ ___ 6693094 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.98 72.5 Pn 07:52:55.820 0.2 T__ 27.5 ___ ML 1.5 6693095 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 72.5 Lg 07:53:10.327 -1.1 T__ ___ 6693096 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 1.12 54.0 Sn 07:53:13.340 -1.3 T__ ___ 6693097 FDSN SK -- BUD iLoc EHN ??? _
JOS 1.15 54.5 Pn 07:52:58.068 0.1 T__ 27.8 ___ ML 1.6 6693098 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.15 54.5 Sn 07:53:13.749 -1.8 T__ ___ 6693099 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/01 08:41:38.82 1.02 0.90 46.1167 21.6708 9.9 3.8 87 0.0f 8 4 172 0.15 1.06 sx BUD 17001564 BUD 224

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```

Magnitude Err Nsta Author OrigID
ML 1.6 0.5 4 BUD 17001564

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SIRR 0.15 357.1 Pg 08:41:42.606 0.2 T__ 406.7 ___ ML 1.3 6693199 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.15 357.1 Lg 08:41:45.291 -0.1 T__ ___ 6693200 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

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BZS 0.50 184.3 Pg 08:41:48.820 0.1 T__ 31.0 ___ ML 1.2 6693202 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.50 184.3 Lg 08:41:55.726 -0.3 T__ ___ 6693201 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
DRGR 0.99 46.4 Pg 08:41:58.641 0.1 T__ 68.7 ___ ML 1.9 6693204 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.99 46.4 Lg 08:42:11.148 -1.9 T__ ___ 6693203 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 1.06 132.7 Pg 08:41:59.179 0.2 T__ 99.5 ___ ML 2.1 6693205 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.06 132.7 Lg 08:42:14.217 0.4 T__ ___ 6693206 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/01 08:44:42.66 1.61 1.12 48.2384 21.2398 9.4 3.5 120 0.0f 11 7 154 0.06 1.33 kx BUD 17001566 BUD 251
2021/07/01 08:44:42.70 0.94 1.04 48.2470 21.2460f 0.0f 11 7 153 0.05 1.33 kx BUD_GT 17001567 BUD_GT 255
(locality : Tallya Hungary)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD_GT 17001567

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.05 355.1 Pg 08:44:44.885 0.6 T__ 8268.2 _c_ ML 2.4 6693250 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 08:44:45.293 -0.6 T__ ___ 6693251 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU02A 0.50 255.8 Pg 08:44:53.683 0.4 T__ 88.1 ___ ML 1.6 6693252 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 08:44:59.812 -1.6 T__ ___ 6693253 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.53 298.1 Pg 08:44:54.207 0.8 T__ 89.7 ___ ML 1.7 6693254 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 08:45:01.307 -0.3 T__ ___ 6693255 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.56 295.3 Pg 08:44:54.666 0.7 T__ 138.1 ___ ML 2.0 6693256 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 08:45:01.843 -0.7 T__ ___ 6693257 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
TRPA 0.87 97.2 Lg 08:45:12.978 -1.2 T__ ___ 6693258 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.96 250.6 Lg 08:45:15.430 -2.0 T__ ___ 6693259 FDSN GE -- BUD iLoc HHN ??? _
NIE 1.33 332.3 Lg 08:45:26.565 -0.7 T__ ___ 6693260 FDSN PL -- BUD iLoc BHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/01 08:46:38.46 1.46 1.21 48.5061 20.7772 12.3 4.3 15 0.0f 8 6 213 0.16 1.29 sx BUD 17001568 BUD 293

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD 17001568

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

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JOS	0.16	266.4	Pg	08:46:42.073	0.2	T__	350.4	___	ML	1.3	6693287	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	266.4	Lg	08:46:44.627	0.1	T__		---			6693288	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
KECS	0.20	263.4	Pg	08:46:42.405	-0.2	T__	860.5	___	ML	1.8	6693290	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	263.4	Lg	08:46:45.904	0.1	T__		---			6693289	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ABAH	0.37	124.1	Pg	08:46:46.185	-0.0	T__	99.2	___	ML	1.3	6693291	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
HU02A	0.42	203.8	Lg	08:46:54.843	0.5	T__		---			6693292	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
PSZ	0.83	225.4	Lg	08:47:08.098	-0.6	T__		---			6693293	FDSN	GE	--	BUD	iLoc	HHE	???	_
VYHS	1.29	270.2	Sn	08:47:19.641	-2.6	T__		---			6693294	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/01	09:05:37.65	0.99	1.20	48.4321	20.7186	7.9	3.5	23	0.0f		8	5	173	0.14	0.75	kx	BUD	17001570	BUD			264
2021/07/01	09:05:37.21	0.94	1.13	48.4470	20.7870f				0.0f		8	5	189	0.17	0.80	kx	BUD_GT	17001571	BUD_GT			281
(locality : Meszes Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	3 BUD_GT	17001571

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	286.6	Pg	09:05:40.665	-0.2					T__		191.0		_c_	ML	1.1	6693322	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	286.6	Lg	09:05:42.925	-0.9					T__				---		6693323	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.20	280.3	Pg	09:05:41.278	-0.2					T__		307.8		___	ML	1.4	6693318	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	280.3	Lg	09:05:43.889	-1.0					T__				---		6693324	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.34	116.4	Pg	09:05:46.213	1.9					T__		48.9		___	ML	0.9	6693325	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.34	116.4	Lg	09:05:49.731	-0.6					T__				---		6693319	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
HU02A	0.37	208.4	Lg	09:05:49.654	-1.7					T__				---		6693320	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	0.80	228.8	Lg	09:06:05.846	-0.4					T__				---		6693321	FDSN	GE	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/07/01	09:40:01.82	0.92	0.75	48.6337	19.6045	4.7	3.7	176	3.9	14.5	16	8	134	0.53	1.14	ke	BUD	17001572	BUD				209

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	8 BUD	17001572

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.53	255.0	Pg	09:40:12.773	0.2					T__		38.1		_c_	ML	1.4	6693369	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.53	255.0	Lg	09:40:19.567	-0.8					T__				---		6693370	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									

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(Station ML: 1.4 magdef=1
KECS 0.60 104.1 Pg 09:40:14.472 0.6 T__ 178.5 ___ ML 2.1 6693364 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.60 104.1 Lg 09:40:22.082 -0.8 T__ ___ 6693363 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 0.64 102.2 Pg 09:40:14.625 0.2 T__ 87.7 ___ ML 1.8 6693362 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.64 102.2 Lg 09:40:23.117 -0.8 T__ ___ 6693371 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU03A 0.73 180.3 Pg 09:40:17.472 0.6 T__ 182.8 ___ ML 2.2 6693373 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.73 180.3 Lg 09:40:27.841 0.2 T__ ___ 6693372 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
PSZ 0.74 164.8 Pg 09:40:17.587 0.1 T__ 138.0 ___ ML 2.1 6693368 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.74 164.8 Lg 09:40:28.059 -0.5 T__ ___ 6693367 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 0.80 129.5 Pg 09:40:18.315 0.1 T__ 73.9 ___ ML 1.8 6693374 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.80 129.5 Lg 09:40:29.450 -0.7 T__ ___ 6693375 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.91 30.0 Pg 09:40:19.465 0.5 T__ 17.7 ___ ML 1.3 6693376 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.91 30.0 Lg 09:40:31.468 -0.5 T__ ___ 6693377 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
ABAH 1.14 106.6 Pn 09:40:24.994 1.6 T__ 47.5 ___ ML 1.8 6693365 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.14 106.6 Lg 09:40:40.113 -0.5 T__ ___ 6693366 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/01	16:05:36.23	1.04	0.60	47.5888	16.3567	5.5	4.1	142	0.0f	8	4	181	0.12	0.48	sx	BUD	17001576	BUD				260

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.2	4 BUD	17001576

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	339.8	Pg	16:05:38.762	-0.2					T__		176.6		_c_	ML	0.9	6693597	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	339.8	Lg	16:05:40.411	-0.6					T__				---		6693598	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
SOP	0.17	55.2	Pg	16:05:39.836	-0.1					T__		71.6		_c_	ML	0.6	6693600	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.17	55.2	Lg	16:05:42.828	0.2					T__				---		6693599	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
A011B	0.32	236.4	Pg	16:05:42.329	-0.4					T__		30.7		---	ML	0.7	6693603	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.32	236.4	Lg	16:05:47.432	0.5					T__				---		6693604	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																									
CONA	0.48	315.7	Pg	16:05:45.820	0.0					T__		26.9		---	ML	1.1	6693601	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.48	315.7	Lg	16:05:53.186	1.0					T__				---		6693602	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1																									

(Station ML: 1.1 magdef=1)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/01	17:31:28.69	0.89	0.42	47.8222	16.2259	3.4	2.7	19	8.9	11.0	27	18	38	0.13	1.37	ke	BUD	17001578	BUD			64

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	9 BUD	17001578

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	158.8	Pg	17:31:32.000	-0.0					T__		970.9		---	ML	1.7	6693658	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	158.8	Lg	17:31:34.209	-0.2					T__				---		6693657	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SOP	0.26	121.7	Pg	17:31:34.551	0.3					T__		291.2		---	ML	1.5	6693681	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.26	121.7	Lg	17:31:38.002	-0.2					T__				---		6693659	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CONA	0.27	293.5	Pg	17:31:34.222	-0.2					T__		156.5		---	ML	1.2	6693655	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	293.5	Lg	17:31:38.461	0.1					T__				---		6693656	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
A011B	0.45	203.7	Pg	17:31:37.527	-0.2					T__		68.1		---	ML	1.4	6693661	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A005B	0.55	358.6	Lg	17:31:48.115	0.8					T__				---		6693660	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A003A	0.56	96.2	Pg	17:31:40.503	0.4					T__		742.8		---	ML	2.7	6693662	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A003A	0.56	96.2	Lg	17:31:48.790	0.6					T__				---		6693663	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
A013A	0.60	294.0	Lg	17:31:49.020	0.7					T__				---		6693664	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A260A	0.63	148.7	Lg	17:31:49.888	0.1					T__				---		6693665	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
A008A	0.67	325.1	Pg	17:31:41.792	0.2					T__		243.2		---	ML	2.3	6693667	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.67	325.1	Lg	17:31:50.731	-0.0					T__				---		6693666	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
ZST	0.70	57.2	Lg	17:31:52.544	-0.5					T__				---		6693668	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ARSA	0.74	220.0	Pg	17:31:42.763	-0.4					T__		76.1		---	ML	1.8	6693670	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	220.0	Lg	17:31:52.646	0.0					T__				---		6693669	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A018A	0.78	264.6	Lg	17:31:54.026	0.3					T__				---		6693671	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A019A	0.86	244.4	Lg	17:31:56.477	-0.1					T__				---		6693672	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	0.90	51.6	Pg	17:31:46.211	-0.4					T__				---		6693674	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.90	51.6	Lg	17:31:59.057	-1.0					T__				---		6693673	FDSN	SK	--	BUD	iLoc	HHE	???	_	
A001A	0.94	14.9	Pg	17:31:47.232	0.1					T__		46.3		---	ML	1.7	6693675	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	0.94	14.9	Lg	17:32:00.666	-0.3					T__				---		6693676	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU08A	1.21	108.2	Sn	17:32:08.149	0.4					T__				---		6693677	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KRUC	1.25	5.1	Pn	17:31:51.650	-0.0					T__		31.9		---	ML	1.7	6693679	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.25	5.1	Sn	17:32:08.506	-0.1					T__				---		6693678	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

(Station ML: 1.7 magdef=1  
 KOGS 1.37 179.3 Sn 17:32:11.622 0.3 T\_\_ --- 6693680 FDSN SL -- BUD iLoc BHE ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/01	19:29:35.53	1.16	0.68	48.6327	19.6108	8.5	3.7	0	0.0f	10	6	206	0.53	0.80	ke	BUD	17001580	BUD				281

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 5 BUD 17001580

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
VYHS	0.53	255.2	Pg	19:29:46.770	0.4					T__		14.7		---	ML	0.9 6693830	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	0.53	255.2	Lg	19:29:53.564	-0.8					T__				---		6693829	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0)																										
KECS	0.60	104.1	Pg	19:29:48.219	0.7					T__		64.8		---	ML	1.6 6693831	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	0.60	104.1	Lg	19:29:56.032	-0.6					T__				---		6693825	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																										
JOS	0.63	102.2	Pg	19:29:48.677	0.6					T__		26.4		---	ML	1.3 6693824	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.63	102.2	Lg	19:29:56.594	-1.1					T__				---		6693823	FDSN	ZJ	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																										
HU03A	0.73	180.6	Lg	19:30:01.404	-0.2					T__				---		6693828	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.74	165.1	Pg	19:29:51.679	0.5					T__		42.6		---	ML	1.5 6693832	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	0.74	165.1	Lg	19:30:02.213	-0.3					T__				---		6693826	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
HU02A	0.80	129.6	Pg	19:29:51.878	-0.1					T__		24.6		---	ML	1.3 6693827	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/02	04:20:47.42	2.25	1.63	48.9953	20.8425	24.1	18.1	25	10.0f	16	14	130	1.25	3.97	ke	BUD	17001582	BUD				218

Magnitude Err Nsta Author OrigID  
 ML 2.8 0.2 13 BUD 17001582

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
PSZ	1.25	210.7	Pn	04:21:09.507	-0.8					T__		42.5		---	ML	1.8 6694407	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	1.25	210.7	Sn	04:21:26.784	-1.5					T__				---		6694414	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0)																										
KWP	1.38	61.7	Pn	04:21:13.644	1.1					T__		116.6		---	ML	2.3 6694406	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0)																										
MORC	2.29	291.2	Pn	04:21:24.420	-0.6					T__		69.9		---	ML	2.6 6694396	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1)																										
CSKK	2.38	227.6	Pn	04:21:27.216	1.4					T__		101.3		---	ML	2.8 6694408	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 2.8 magdef=1																										

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(Station ML: 2.8 magdef=1
MODS 2.44 256.6 Pg 04:21:36.930 1.8 T__ --- 6694401 FDSN SK -- BUD iLoc HHZ ??? _
DRGR 2.54 149.6 Pn 04:21:27.216 -1.1 T__ --- 6694409 FDSN RO -- BUD iLoc BHZ ??? _
SIRR 2.78 168.2 Pn 04:21:32.182 0.7 T__ 20.9 --- ML 2.4 6694411 FDSN RO -- BUD iLoc BHZ BHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
VRAC 2.81 278.0 Pg 04:21:40.348 0.0 T__ --- 6694403 FDSN CZ -- BUD iLoc HHZ ??? _
MPLH 2.87 231.7 Pn 04:21:33.175 0.5 T__ 58.3 --- ML 2.9 6694410 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 2.87 231.7 Sn 04:22:06.673 -0.9 T__ --- 6694415 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
KRUC 2.93 273.0 Pn 04:21:30.778 -3.1 T__ 43.6 --- ML 2.8 6694397 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
MORH 3.15 209.0 Pn 04:21:36.485 0.2 T__ 23.6 --- ML 2.6 6694412 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
RONA 3.30 248.6 Pn 04:21:37.618 -1.3 T__ 33.3 --- ML 2.9 6694402 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
KOVH 3.45 213.6 Pn 04:21:39.299 -1.2 T__ 44.6 --- ML 3.1 6694413 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=1
CONA 3.48 254.0 Pn 04:21:36.318 -5.4 --- 35.8 --- ML 3.0 6694400 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=1
GZR 3.84 159.2 Pn 04:21:34.969 -11.7 --- 6694399 FDSN RO -- BUD iLoc BHZ ??? _
ARSA 3.97 245.9 Pn 04:21:45.118 -3.1 T__ 35.5 --- ML 3.1 6694404 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 3.1 magdef=1
(Station ML: 3.1 magdef=0
PRU 4.23 286.0 Pn 04:21:32.928 -19.3 --- 6694398 FDSN CZ -- BUD iLoc HHZ ??? _
PTJ 4.53 228.8 Pn 04:21:45.420 -10.6 --- 66.8 --- ML 3.6 6694405 FDSN CR -- BUD iLoc BHZ BHZ _
(Reading ML: 3.6 magdef=1
(Station ML: 3.6 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/02 08:00:06.44 1.72 0.55 48.5514 20.7915 12.4 4.7 10 0.0f 8 5 238 0.18 0.87 sx BUD 17001584 BUD 310

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Magnitude Err Nsta Author OrigID
ML 1.0 0.3 4 BUD 17001584

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.18 251.7 Pg 08:00:10.104 -0.1 T__ 85.3 --- ML 0.7 6694453 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 251.7 Lg 08:00:13.961 0.8 T__ --- 6694454 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
KECS 0.21 251.6 Pg 08:00:10.487 -0.5 T__ 215.2 --- ML 1.2 6694458 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 251.6 Lg 08:00:14.803 0.4 T__ --- 6694457 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ABAH 0.39 130.4 Pg 08:00:14.445 -0.1 T__ 47.9 --- ML 1.1 6694459 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.1 magdef=1

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(Station ML: 1.1 magdef=1
HU02A 0.46 202.6 Pg 08:00:15.978 -0.3 T__ 18.0 ___ ML 0.8 6694460 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 202.6 Lg 08:00:24.332 0.5 T__ ___ 6694455 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
PSZ 0.87 223.8 Lg 08:00:37.561 -0.4 T__ ___ 6694456 FDSN GE -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/02 08:05:51.31 0.92 0.83 47.8590 19.8609 4.7 3.2 16 0.0f 16 9 139 0.06 1.02 sx BUD 17001586 BUD 204

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 9 BUD 17001586

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.06 20.8 Pg 08:05:54.230 0.8 T__ 3446.0 _c ML 2.0 6694500 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.06 20.8 Lg 08:05:55.124 -0.3 T__ ___ 6694501 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU03A 0.18 284.4 Pg 08:05:56.320 0.8 T__ 1291.2 ___ ML 1.9 6694506 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.18 284.4 Lg 08:05:58.133 -0.7 T__ ___ 6694514 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU23A 0.34 129.9 Pg 08:05:59.461 0.5 T__ 449.9 ___ ML 1.9 6694515 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.34 129.9 Lg 08:06:04.540 -0.1 T__ ___ 6694513 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.52 59.2 Pg 08:06:02.429 0.1 T__ 113.6 ___ ML 1.8 6694502 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.52 59.2 Lg 08:06:08.990 -1.8 T__ ___ 6694508 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.57 268.9 Pg 08:06:03.372 0.2 T__ 192.4 ___ ML 2.1 6694509 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KECS 0.75 33.6 Pg 08:06:07.153 0.8 T__ 183.3 ___ ML 2.2 6694503 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.75 33.6 Lg 08:06:18.337 0.5 T__ ___ 6694510 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 0.78 35.2 Pg 08:06:07.868 0.9 T__ 94.8 ___ ML 1.9 6694504 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.78 35.2 Lg 08:06:18.389 -0.4 T__ ___ 6694511 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 0.94 313.2 Pg 08:06:09.299 -1.0 T__ 20.4 ___ ML 1.3 6694505 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.94 313.2 Lg 08:06:23.672 -0.3 T__ ___ 6694507 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
ABAH 1.02 64.2 Pg 08:06:10.829 -0.7 T__ 111.2 ___ ML 2.1 6694512 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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

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2021/07/02 08:52:19.47 0.98 0.78 48.4941 19.3231 9.2 3.4 8 0.0f 10 5 179 0.32 0.88 sx BUD 17001588 BUD 303

Magnitude Err Nsta Author OrigID  
ML 1.7 0.0 5 BUD 17001588

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.32	270.2	Pg	08:52:26.619	0.4					T__		81.8		---	ML	1.1 6694563	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.32	270.2	Lg	08:52:30.390	-0.8					T__				---		6694564	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																								
PSZ	0.69	146.2	Pg	08:52:34.491	0.3					T__		42.7		---	ML	1.5 6694565	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.69	146.2	Lg	08:52:45.072	0.3					T__				---		6694558	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
KECS	0.77	90.4	Pg	08:52:35.351	0.5					T__		127.5		---	ML	2.0 6694566	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.77	90.4	Lg	08:52:46.297	-0.2					T__				---		6694559	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																								
JOS	0.81	89.4	Pg	08:52:36.061	0.5					T__		58.6		_c_	ML	1.7 6694561	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	89.4	Lg	08:52:47.128	-0.5					T__				---		6694560	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
HU02A	0.88	114.4	Pg	08:52:37.875	0.2					T__		53.1		---	ML	1.7 6694557	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	114.4	Lg	08:52:49.794	-1.5					T__				---		6694562	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
HU23A	1.06	143.7	Pg	08:52:48.955	7.3					---				---		6694556	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/07/02 10:47:25.05 1.03 0.88 48.5378 20.4086 5.7 4.6 177 0.0f 14 9 120 0.07 1.31 sx BUD 17001590 BUD 207

Magnitude Err Nsta Author OrigID  
ML 1.0 0.2 6 BUD 17001590

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KECS	0.07	136.8	Pg	10:47:27.570	0.7					T__		301.4		---	ML	1.0 6694685	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.07	136.8	Lg	10:47:28.604	0.3					T__				---		6694686	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
JOS	0.10	115.7	Pg	10:47:26.658	-0.6					T__		104.2		---	ML	0.6 6694682	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.10	115.7	Lg	10:47:28.787	-0.2					T__				---		6694687	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=0)																								
HU02A	0.42	169.4	Pg	10:47:34.722	0.6					T__		20.2		---	ML	0.8 6694688	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	169.4	Lg	10:47:39.951	-1.1					T__				---		6694689	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																								
PSZ	0.71	209.2	Pg	10:47:40.058	-0.1					T__		30.1		---	ML	1.4 6694690	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	209.2	Lg	10:47:50.274	-0.7					T__				---		6694684	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU03A	0.83	220.8	Lg	10:47:54.528	-0.2					T__				---		6694692	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

NIE	0.88	355.4	Lg	10:47:53.666	-0.7	T__								6694691	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU23A	0.91	186.8	Lg	10:47:56.270	-1.3	T__								6694693	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VYHS	1.05	268.2	Pn	10:47:47.423	1.4	T__				9.5				6694683	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.05	268.2	Lg	10:48:01.288	0.0	T__								6694694	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																						
(Station ML: 1.1 magdef=1)																						
HU01A	1.31	204.2	Pn	10:47:50.638	1.2	T__				359.5				6694695	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																						
(Station ML: 2.8 magdef=0)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/02	11:11:53.39	4.85	0.27	46.8564	22.3550	50.4	11.1	161	0.0f		4	3	245	0.25	1.34	sx	BUD	17001594	BUD			343

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.25	104.7	Pg	11:11:58.749	-0.0					T__		70.2			ML	0.8	6694785	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.25	104.7	Lg	11:12:03.199	0.0					T__						6694786	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
SIRR	0.76	219.4	Lg	11:12:20.501	0.0					T__						6694787	FDSN	RO	--	BUD	iLoc	HHE	???	_	
BZS	1.34	202.7	Sn	11:12:37.381	-0.3					T__						6694788	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/07/02	15:08:26.56	1.00	0.37	47.5883	16.3640	5.5	3.7	137	0.0f		10	6	182	0.12	0.80	sx	BUD	17001596	BUD					259

Magnitude Err Nsta Author OrigID  
ML 1.0 0.2 5 BUD 17001596

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	337.7	Pg	15:08:29.346	0.0					T__		215.8			_c_ ML	1.0	6694871	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	337.7	Lg	15:08:30.867	-0.6					T__						6694872	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SOP	0.16	54.1	Pg	15:08:30.289	0.1					T__		81.6			ML	0.7	6694873	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.16	54.1	Lg	15:08:32.721	-0.1					T__						6694874	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
A011B	0.33	237.0	Pg	15:08:33.240	0.1					T__		39.2			ML	0.8	6694876	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.33	237.0	Lg	15:08:36.889	-0.5					T__						6694875	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.48	315.3	Pg	15:08:36.613	0.4					T__		34.8			ML	1.2	6694870	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ARSA	0.66	239.7	Pg	15:08:39.538	0.1					T__		32.8			ML	1.4	6694877	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.66	239.7	Lg	15:08:47.747	-0.0					T__						6694878	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
A013A	0.80	306.7	Lg	15:08:52.798	0.4					T__						6694879	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/04	22:58:29.60	1.49	0.63	47.8573	20.5092	7.8	3.8	122	18.1	13.6	9	6	170	0.27	0.66	ke	BUD	17001598	BUD			226

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.3	4 BUD	17001598

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.27	2.3	Pg	22:58:36.097	-0.1					T__		23.9		___	ML	0.4	6701014	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.27	2.3	Lg	22:58:40.883	-0.1					T__				---		6701015	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 0.4 magdef=1)								(Station ML: 0.4 magdef=1)													
HU23A	0.28	218.8	Pg	22:58:36.118	-0.3					T__		87.9		___	ML	1.0	6701016	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.28	218.8	Lg	22:58:41.732	0.6					T__				---		6701013	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.0 magdef=1)								(Station ML: 1.0 magdef=1)													
PSZ	0.42	278.6	Pg	22:58:38.781	-0.4					T__		33.0		___	ML	1.0	6701018	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	278.6	Lg	22:58:46.654	0.7					T__				---		6701017	FDSN	GE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.0 magdef=1)								(Station ML: 1.0 magdef=1)													
HU03A	0.61	274.7	Sn	22:58:52.924	0.9					T__				---		6701012	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
JOS	0.64	1.8	Lg	22:58:51.478	-0.2					T__				---		6701020	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
ABAH	0.66	47.9	Pg	22:58:42.756	0.0					T__		32.7		___	ML	1.4	6701019	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.4 magdef=1)								(Station ML: 1.4 magdef=1)													

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/05	06:57:17.45	0.86	1.05	47.9481	20.0702	3.9	2.7	156	0.0f		18	10	92	0.12	0.99	sx	BUD	17001602	BUD			141

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	8 BUD	17001602

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.12	256.0	Pg	06:57:21.286	0.6					T__		1511.7		___	ML	1.8	6701373	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.12	256.0	Lg	06:57:22.796	-0.7					T__				---		6701379	FDSN	GE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.8 magdef=1)								(Station ML: 1.8 magdef=1)													
HU03A	0.32	262.2	Pg	06:57:24.984	0.6					T__		209.9		___	ML	1.5	6701380	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	262.2	Lg	06:57:29.903	0.3					T__				---		6701374	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.5 magdef=1)								(Station ML: 1.5 magdef=1)													
HU23A	0.33	158.6	Pg	06:57:25.391	0.5					T__		606.3		___	ML	2.0	6701376	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.33	158.6	Lg	06:57:30.411	0.0					T__				---		6701375	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.0 magdef=1)								(Station ML: 2.0 magdef=1)													
HU02A	0.35	60.1	Pg	06:57:25.527	0.4					T__		176.6		___	ML	1.5	6701381	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.35	60.1	Lg	06:57:30.140	-1.0					T__				---		6701382	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.5 magdef=1)								(Station ML: 1.5 magdef=1)													
KECS	0.60	27.3	Pg	06:57:30.683	1.1					T__		160.5		___	ML	2.0	6701377	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

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KECS  0.60 27.3 Lg      06:57:37.919 -0.9      T__          ---          6701383      FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS   0.63 29.6 Pg      06:57:31.271  1.1      T__          84.9      --- ML      1.8 6701378      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.63 29.6 Lg      06:57:38.823 -1.0      T__          ---          6701384      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU01A 0.68 206.9 Lg      06:57:41.356 -1.1      T__          ---          6701385      FDSN ZJ      00 BUD  iLoc  HHN ??? _
HU10A 0.72 262.1 Lg      06:57:41.989 -1.7      T__          ---          6701386      FDSN ZJ      00 BUD  iLoc  HHN ??? _
ABAH  0.86 65.6 Pg      06:57:35.386  0.9      T__          86.6      --- ML      1.9 6701388      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH  0.86 65.6 Lg      06:57:46.783 -1.5      T__          ---          6701387      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS  0.99 304.0 Pg      06:57:38.552  1.1      T__          15.4      --- ML      1.2 6701389      FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  0.99 304.0 Lg      06:57:50.763 -1.1      T__          ---          6701390      FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/07/05 07:50:49.52  2.62  0.38 48.0917  20.6265 17.8  5.9 125  0.0f      7   4 258  0.07  0.52  kx BUD      17001604    BUD          302
2021/07/05 07:50:48.57  0.99  0.63 48.0750  20.6990f  0.0f      7   4 268  0.13  0.56  kx BUD_GT   17001605    BUD_GT       306
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author      OrigID
ML      1.3 0.1   4 BUD_GT      17001605

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
HU02A 0.13 292.1 Pg      07:50:51.994  0.3      T__          453.7      --- ML      1.3 6701427      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.13 292.1 Lg      07:50:53.346 -1.1      T__          ---          6701428      FDSN ZJ      00 BUD  iLoc  HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS  0.43 340.8 Pg      07:50:58.076  0.7      T__          76.0      --- ML      1.4 6701430      FDSN SK      -- BUD  iLoc  EHN EHZ _
KECS  0.43 340.8 Lg      07:51:03.710 -0.4      T__          ---          6701426      FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS   0.43 345.9 Pg      07:50:57.907  0.5      T__          34.8      --- ML      1.0 6701429      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   0.43 345.9 Lg      07:51:03.874 -0.3      T__          ---          6701425      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ   0.56 254.1 Pg      07:51:00.779  0.0      T__          34.3      --- ML      1.3 6701431      FDSN GE      -- BUD  iLoc  HHZ HHZ _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/07/05 07:56:14.63  3.61  0.95 46.9147  22.7593 32.0 20.0 90  0.0f      8   6 190  0.13  1.72  sx BUD      17001606    BUD          284

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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	0.13	195.0	Pg	07:56:17.591	0.0	T__	163.7	---	ML	0.9	6701484	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.13	195.0	Lg	07:56:20.100	0.0	T__		---			6701485	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
SIRR	1.00	229.9	Lg	07:56:48.746	-0.3	T__		---			6701491	FDSN	RO	--	BUD	iLoc	HHE	???	_
BZS	1.52	211.8	Pn	07:56:42.716	0.5	T__	27.9	---	ML	1.8	6701488	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.52	211.8	Sn	07:57:02.939	-0.4	T__		---			6701487	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
GZR	1.52	179.5	Sn	07:57:03.093	-0.8	T__		---			6701486	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.63	154.1	Sn	07:57:05.216	-1.8	T__		---			6701489	FDSN	RO	--	BUD	iLoc	HHN	???	_
ABAH	1.72	323.9	Sn	07:57:07.840	-0.4	T__		---			6701490	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/05	12:35:30.00	3.30	0.90	46.8156	22.8043	34.7	14.8	179	0.0f		10	6	195	0.07	2.27	sx	BUD	17001610	BUD			264

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	5 BUD	17001610

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.07	249.5	Pg	12:35:31.778	-0.0					T__		213.8		---	ML	0.8	6701587	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.07	249.5	Lg	12:35:33.471	0.0					T__				---		6701586	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
SIRR	0.96	235.7	Pn	12:35:49.819	0.1					T__		21.2		---	ML	1.4	6701588	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
GZR	1.42	180.8	Pn	12:35:56.179	-0.4					T__		47.4		---	ML	2.0	6701582	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.42	180.8	Sn	12:36:17.687	0.8					T__				---		6701589	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
BZS	1.46	214.9	Pn	12:35:55.861	-0.8					T__		25.1		---	ML	1.7	6701585	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.46	214.9	Sn	12:36:18.739	1.7					T__				---		6701590	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LOT	1.52	153.5	Pn	12:35:58.968	0.7					T__		37.7		---	ML	1.9	6701591	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.52	153.5	Sn	12:36:19.180	-0.7					T__				---		6701583	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	2.27	318.5	Sn	12:36:37.242	0.6					T__				---		6701584	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/07/05	16:55:48.24	1.27	1.11	47.5795	16.4132	9.0	4.3	148	0.0f		13	9	197	0.14	1.48	sx	BUD	17001612	BUD					218

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	6 BUD	17001612

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.14	43.3	Pg	16:55:52.195	0.7					T__		78.1		---	ML	0.6	6701667	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	43.3	Lg	16:55:54.425	0.5					T__				---		6701666	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
RONA 0.14 326.7 Pg 16:55:51.236 -0.2 T__ 245.3 _c_ ML 1.1 6701664 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.14 326.7 Lg 16:55:52.770 -1.1 T__ --- 6701665 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A011B 0.35 241.1 Pg 16:55:54.976 -0.3 T__ 32.9 --- ML 0.8 6701668 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
CONA 0.51 313.4 Lg 16:56:04.398 -0.9 T__ --- 6701669 FDSN OE -- BUD iLoc HHN ??? _
A013A 0.83 305.9 Lg 16:56:15.650 0.5 T__ --- 6701660 FDSN Z3 00 BUD iLoc HHN ??? _
A019A 0.91 262.0 Pg 16:56:05.093 -0.9 T__ 23.8 --- ML 1.4 6701670 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A018A 0.92 280.8 Pg 16:56:07.476 1.4 T__ 26.7 --- ML 1.4 6701663 FDSN Z3 00 BUD iLoc HHN HHZ _
A018A 0.92 280.8 Lg 16:56:19.672 2.1 T__ --- 6701662 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MODS 0.98 35.8 Lg 16:56:22.402 -1.0 T__ --- 6701671 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.48 359.5 Pn 16:56:15.354 -0.3 T__ 40.1 --- ML 1.9 6701672 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.48 359.5 Sn 16:56:34.946 -0.8 T__ --- 6701661 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/06 07:09:05.24 2.20 0.97 47.9497 20.3999 20.0 4.3 142 0.0f 8 4 239 0.19 0.55 kx BUD 17001614 BUD 340
2021/07/06 07:09:05.70 0.96 0.74 47.9767 20.3679f 0.0f 8 4 223 0.18 0.53 kx BUD_GT 17001615 BUD_GT 332
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.1 0.2 4 BUD_GT 17001615

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 07:09:09.945 -0.0 T__ 217.0 _c_ ML 1.1 6702330 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 07:09:12.553 -1.0 T__ --- 6702331 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.32 259.8 Pg 07:09:13.466 0.4 T__ 44.2 --- ML 0.8 6702328 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.32 259.8 Lg 07:09:17.516 -1.1 T__ --- 6702329 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
KECS 0.51 8.8 Pg 07:09:17.111 1.0 T__ 124.0 --- ML 1.8 6702333 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.51 8.8 Lg 07:09:24.034 -0.0 T__ --- 6702334 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.53 12.4 Pg 07:09:17.038 0.6 T__ 24.2 --- ML 1.2 6702332 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 07:09:24.339 -0.3 T__ --- 6702335 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/06	07:47:56.77	1.04	0.91	47.2380	18.2598	7.0	4.2	70	0.0f	15	11	124	0.07	1.32	sx	BUD	17001616	BUD				144

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	4 BUD	17001616

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW2	0.07	332.6	Pg	07:47:59.563	0.7					T__		1125.9		___	ML	1.6	6702432	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	332.6	Lg	07:48:00.272	-0.8					T__				---		6702433	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.13	0.2	Pg	07:48:00.628	0.7					T__		510.5		___	ML	1.4	6702423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	0.2	Lg	07:48:02.022	-0.9					T__				---		6702426	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW1	0.15	359.8	Pg	07:48:01.359	0.9					T__		452.5		___	ML	1.4	6702435	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.15	359.8	Lg	07:48:03.368	-0.6					T__				---		6702434	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW3	0.17	328.0	Pg	07:48:01.548	0.8					T__		419.0		___	ML	1.4	6702436	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.17	328.0	Lg	07:48:03.841	-0.5					T__				---		6702437	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU08A	0.30	310.4	Lg	07:48:07.621	-1.1					T__				---		6702424	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
A267A	0.33	152.4	Lg	07:48:08.666	-1.0					T__				---		6702427	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
HU09A	0.41	11.7	Lg	07:48:11.451	-1.2					T__				---		6702428	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	1.06	165.4	Lg	07:48:32.895	-0.3					T__				---		6702429	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.16	185.5	Sn	07:48:35.876	-0.5					T__				---		6702430	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	1.30	57.8	Sn	07:48:40.303	-0.4					T__				---		6702431	FDSN	GE	--	BUD	iLoc	HNN	???	_	
VVHS	1.32	16.9	Sn	07:48:39.972	-1.2					T__				---		6702425	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/06	08:19:45.52	2.05	1.46	48.6073	20.7425	13.4	6.6	7	0.0f	12	7	152	0.18	1.27	sx	BUD	17001618	BUD				227

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	6 BUD	17001618

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.18	230.5	Pg	08:19:49.172	-0.1					T__		212.7		___	ML	1.1	6702472	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	230.5	Lg	08:19:52.246	0.1					T__				---		6702476	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
KECS	0.21	234.1	Pg	08:19:49.814	-0.1					T__		301.1		___	ML	1.4	6702478	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	234.1	Lg	08:19:52.976	-0.4					T__				---		6702477	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.45	133.1	Lg	08:20:01.003	-1.6					T__				---		6702479	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU02A	0.51	196.7	Pg	08:19:57.354	1.1					T__		28.6		___	ML	1.2	6702481	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.51	196.7	Lg	08:20:03.922	-0.4					T__				---		6702480	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
NIE	0.86	340.4	Pn	08:20:06.338	2.3					T__		15.3		___	ML	1.2	6702475	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.89 219.7 Pg 08:20:05.138 0.8 T__ 38.3 ___ ML 1.6 6702483 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.89 219.7 Lg 08:20:16.692 -1.0 T__ ___ 6702482 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 1.27 265.6 Pn 08:20:10.152 0.5 T__ 12.7 ___ ML 1.3 6702474 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.27 265.6 Sn 08:20:26.084 -2.8 T__ ___ 6702473 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/06	09:44:34.75	1.58	0.70	46.0401	18.2971	12.2	4.5	170	0.0f	6	3	235	0.15	0.49	sx	BUD	17001620	BUD				303

```

Magnitude Err Nsta Author OrigID
ML 1.2 0.2 3 BUD 17001620

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.15	289.4	Pg	09:44:38.581	0.2					T__		238.0		___	ML	1.1	6702515	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.15	289.4	Lg	09:44:40.770	-0.5					T__				___		6702516	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
MORH	0.30	53.9	Pg	09:44:41.483	0.2					T__		115.3		___	ML	1.2	6702511	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.30	53.9	Lg	09:44:45.885	-0.5					T__				___		6702514	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
A266A	0.49	357.4	Pg	09:44:45.501	0.5					T__		258.2		___	ML	2.1	6702513	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.49	357.4	Lg	09:44:51.942	-0.8					T__				___		6702512	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/07/06	09:46:27.82	0.91	0.75	48.3857	17.3186	5.9	2.9	146	0.0f	11	6	134	0.03	1.08	sx	BUD	17001622	BUD					191

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD 17001622

```

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.03	246.3	Pg	09:46:29.179	0.1					T__				___		6702577	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.03	246.3	Lg	09:46:30.084	-0.4					T__				___		6702578	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.24	217.3	Lg	09:46:37.077	-0.3					T__				___		6702579	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.53	26.1	Pg	09:46:39.361	0.5					T__		57.2		___	ML	1.5	6702570	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	26.1	Lg	09:46:46.415	-1.0					T__				___		6702569	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KRUC	0.91	318.2	Pg	09:46:45.807	0.5					T__		35.1		___	ML	1.6	6702572	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.91	318.2	Lg	09:46:58.334	-0.5					T__				___		6702571	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
VYHS	1.02	83.3	Pg	09:46:49.091	0.8					T__		11.3		___	ML	1.1	6702574	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_



```

(Station ML: 1.2 magdef=1
DRGR 0.83 32.8 Pg 10:24:15.905 0.2 T__ 43.2 _d ML 1.6 6702672 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.83 32.8 Lg 10:24:27.337 -1.0 T__ --- 6702673 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.86 144.0 Pg 10:24:15.905 0.3 T__ 57.8 --- ML 1.7 6702675 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.86 144.0 Lg 10:24:27.337 -0.4 T__ --- 6702676 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/06 10:46:28.21 1.04 1.09 47.3854 18.3220 6.7 2.9 125 0.0f 18 12 106 0.04 1.31 sx BUD 17001628 BUD 152

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Magnitude Err Nsta Author OrigID
ML 1.6 0.2 6 BUD 17001628

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW1 0.04 280.0 Pg 10:46:30.492 0.7 T__ 1701.3 --- ML 1.7 6702770 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.04 280.0 Lg 10:46:32.338 0.9 T__ --- 6702771 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK 0.05 242.0 Pg 10:46:30.486 0.6 T__ 3795.1 --- ML 2.0 6702758 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.05 242.0 Lg 10:46:32.196 0.6 T__ --- 6702772 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
MSW2 0.11 222.3 Pg 10:46:31.628 0.5 T__ 268.4 --- ML 1.0 6702773 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.11 222.3 Lg 10:46:33.427 -0.4 T__ --- 6702774 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
MSW3 0.13 269.1 Lg 10:46:33.711 -0.8 T__ --- 6702775 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.26 9.2 Pg 10:46:34.864 1.0 T__ 377.9 --- ML 1.6 6702759 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.26 9.2 Lg 10:46:38.229 -0.5 T__ --- 6702761 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A 0.27 279.8 Lg 10:46:37.135 -2.1 T__ --- 6702760 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.57 248.3 Lg 10:46:47.594 -1.3 T__ --- 6702762 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.16 17.1 Pn 10:46:50.157 -0.7 T__ 12.8 --- ML 1.3 6702764 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.16 17.1 Lg 10:47:06.644 -2.0 T__ --- 6702763 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 1.19 62.8 Pn 10:46:50.719 -0.5 T__ 51.8 --- ML 1.9 6702765 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.19 62.8 Sn 10:47:08.501 -1.0 T__ --- 6702766 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.19 169.2 Sn 10:47:07.854 -0.9 T__ --- 6702769 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.21 325.0 Sn 10:47:09.536 -0.6 T__ --- 6702767 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.31 186.8 Sn 10:47:11.781 0.2 T__ --- 6702768 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/06 11:24:44.03 1.72 1.18 47.3738 18.3883 11.1 5.6 119 0.0f 9 6 178 0.09 1.16 sx BUD 17001630 BUD 224

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Magnitude Err Nsta Author OrigID  
ML 1.1 0.2 4 BUD 17001630

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	263.0	Pg	11:24:46.816	0.4					T__		984.4		---	ML	1.5	6703590	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	263.0	Lg	11:24:47.742	-1.1					T__				---		6703591	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MSW1	0.09	282.3	Pg	11:24:47.175	0.7					T__		410.4		---	ML	1.2	6703594	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.09	282.3	Lg	11:24:48.056	-0.8					T__				---		6703595	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW2	0.14	239.4	Pg	11:24:48.079	0.6					T__		155.6		---	ML	0.9	6703597	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.14	239.4	Lg	11:24:49.495	-1.1					T__				---		6703596	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MSW3	0.18	273.1	Pg	11:24:49.379	1.2					T__		139.2		---	ML	0.9	6703598	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
PSZ	1.16	61.3	Sn	11:25:23.472	-1.0					T__				---		6703592	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.16	14.9	Lg	11:25:23.181	-1.3					T__				---		6703593	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/06	13:38:52.95	1.69	0.62	47.9029	16.0737	18.5	4.1	30	0.0f		5	3	223	0.14	0.81	sx	BUD	17001638	BUD			315

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	280.2	Pg	13:38:56.356	0.3					T__		151.0		---	ML	0.9	6704303	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	280.2	Lg	13:38:57.591	-0.7					T__				---		6704304	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.25	143.5	Pg	13:38:58.132	-0.1					T__		81.0		---	ML	0.9	6704305	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.25	143.5	Lg	13:39:02.300	0.4					T__				---		6704306	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
A019A	0.81	236.0	Lg	13:39:19.126	0.0					T__				---		6704307	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/06	15:41:03.23	0.98	0.49	47.5965	16.3652	4.9	4.5	15	0.0f		9	7	115	0.11	0.80	sx	BUD	17001640	BUD			195

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	335.7	Pg	15:41:05.707	-0.2					T__		213.3		---	ML	0.9	6704329	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	335.7	Lg	15:41:07.482	-0.4					T__				---		6704330	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
SOP	0.16	56.3	Pg	15:41:06.826	0.1					T__		114.6		---	ML	0.8	6704332	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

SOP	0.16	56.3	Lg	15:41:09.605	0.3	T__								6704331	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 0.8 magdef=1)																					
	(Station ML: 0.8 magdef=1)																					
A011B	0.33	235.8	Lg	15:41:14.506	0.3	T__								6704333	FDSN	Z3	00	BUD	iLoc	HH2	???	_
CONA	0.47	314.5	Lg	15:41:19.246	0.1	T__								6704335	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	0.67	239.1	Lg	15:41:25.035	0.4	T__								6704336	FDSN	OE	--	BUD	iLoc	HHN	???	_
A262A	0.74	171.4	Lg	15:41:27.011	-0.9	T__								6704334	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A013A	0.80	306.2	Lg	15:41:29.357	0.4	T__								6704337	FDSN	Z3	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/07	06:23:34.51	0.92	1.09	47.0403	17.9664	5.6	3.0	105	0.0f		13	9	119	0.15	1.58	sx	BUD	17001642	BUD			156

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	17001642

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.15	199.7	Pg	06:23:38.579	0.5					T__		3054.9			ML	2.2	6706281	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.15	199.7	Lg	06:23:40.219	-0.9					T__						6706283	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 2.2 magdef=1)																								
	(Station ML: 2.2 magdef=1)																								
MSW2	0.31	32.4	Lg	06:23:45.552	-1.5					T__						6706288	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.32	294.2	Pg	06:23:41.934	0.5					T__		289.1			ML	1.6	6706289	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	294.2	Lg	06:23:45.943	-1.0					T__						6706290	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.6 magdef=1)																								
	(Station ML: 1.6 magdef=1)																								
MSW3	0.36	17.6	Lg	06:23:47.361	-1.3					T__						6706291	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.38	31.7	Pg	06:23:43.303	0.7					T__		154.2			ML	1.5	6706293	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.38	31.7	Lg	06:23:48.192	-1.3					T__						6706292	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.5 magdef=1)																								
	(Station ML: 1.5 magdef=1)																								
HU08A	0.39	355.8	Pg	06:23:44.344	1.5					T__		138.3			ML	1.5	6706282	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.39	355.8	Lg	06:23:48.852	-0.8					T__						6706287	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.5 magdef=1)																								
	(Station ML: 1.5 magdef=1)																								
KOVH	0.96	174.4	Lg	06:24:07.351	-0.6					T__						6706284	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.57	21.6	Sn	06:24:24.527	-0.5					T__						6706285	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.58	55.4	Sn	06:24:25.367	0.2					T__						6706286	FDSN	GE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/07/07	06:55:21.77	3.49	0.88	48.1346	21.2677	22.3	8.0	143	0.0f		7	4	275	0.16	0.63	sx	BUD	17001644	BUD					321

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	17001644

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.16	353.4	Pg	06:55:25.713	0.2					T__		183.2			ML	1.0	6706324	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.16	353.4	Lg	06:55:28.028	-0.9					T__						6706325	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.0 magdef=1)																								
	(Station ML: 1.0 magdef=1)																								
HU02A	0.50	268.8	Lg	06:55:39.099	-1.4					T__						6706320	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

JOS	0.61	306.9	Pg	06:55:34.205	0.3	T__	24.9	___	ML	1.2	6706321	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	306.9	Lg	06:55:43.687	0.5	T__		---			6706322	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
KECS	0.63	304.0	Pg	06:55:34.664	0.3	T__	150.5	___	ML	2.0	6706323	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	304.0	Lg	06:55:44.238	0.3	T__		---			6706326	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/07	07:47:53.43	0.96	1.44	46.9850	17.3108	7.0	4.0	147	0.0f		11	8	85	0.12	1.36	sx	BUD	17001648	BUD			115

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	3 BUD	17001648

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.12	253.5	Pg	07:47:56.291	-0.1					T__		11127.8		---	ML	2.7	6706905	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.12	253.5	Lg	07:47:57.985	-0.9					T__				---		6706906	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
MPLH	0.24	40.1	Pg	07:47:58.922	0.0					T__		516.7		---	ML	1.7	6706904	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.24	40.1	Lg	07:48:02.571	-0.8					T__				---		6706907	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A263A	0.34	179.5	Lg	07:48:06.150	-0.0					T__				---		6706911	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU09A	0.98	47.7	Sn	07:48:26.204	-2.6					T__				---		6706908	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A011B	1.01	295.2	Lg	07:48:27.664	1.6					T__				---		6706909	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
KOVH	1.05	148.4	Pn	07:48:16.027	1.8					T__		48.0		---	ML	1.8	6706913	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.05	148.4	Lg	07:48:29.711	0.4					T__				---		6706912	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MORH	1.20	129.5	Sn	07:48:34.239	0.5					T__				---		6706914	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CONA	1.36	314.4	Sn	07:48:39.546	1.4					T__				---		6706910	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/07/07	08:27:50.64	0.88	0.97	48.5007	17.5041	5.7	3.0	135	0.0f		12	7	131	0.20	1.24	sx	BUD	17001650	BUD					204

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	17001650

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.20	230.0	Pg	08:27:55.111	-0.1					T__				---		6707047	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	230.0	Lg	08:27:57.608	-1.3					T__				---		6707048	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.38	17.0	Pg	08:27:58.247	-0.4					T__		133.5		---	ML	1.5	6707051	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	17.0	Lg	08:28:04.620	-0.4					T__				---		6707052	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ZST	0.41	221.5	Pg	08:27:59.152	-0.0					T__				---		6707049	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.41	221.5	Lg	08:28:04.588	-1.1					T__				---		6707050	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	0.89	89.9	Pg	08:28:09.359	0.8					T__		11.6		---	ML	1.1	6707054	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

```

VYHS 0.89 89.9 Lg 08:28:20.760 -0.6 T__ --- 6707053 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KRUC 0.92 307.9 Lg 08:28:23.258 1.3 T__ --- 6707055 FDSN CZ -- BUD iLoc HHE ??? _
RONA 1.14 225.7 Lg 08:28:28.959 1.0 T__ --- 6707056 FDSN OE -- BUD iLoc HHE ??? _
CONA 1.24 243.1 Pn 08:28:14.612 -0.3 T__ 28.2 --- ML 1.6 6707058 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.24 243.1 Lg 08:28:32.097 1.1 T__ --- 6707057 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/07 08:57:10.88 1.01 0.87 48.4914 17.5067 7.2 3.7 132 0.0f 6 4 143 0.19 0.93 sx BUD 17001652 BUD 218

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.19 232.4 Pg 08:57:15.695 0.4 T__ --- 6707079 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 232.4 Lg 08:57:17.913 -1.1 T__ --- 6707080 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.38 16.4 Pg 08:57:19.289 0.2 T__ 103.6 --- ML 1.4 6707082 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.38 16.4 Lg 08:57:24.718 -0.8 T__ --- 6707081 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
VYHS 0.88 89.3 Lg 08:57:41.617 0.0 T__ --- 6707083 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.93 308.2 Lg 08:57:42.841 0.4 T__ --- 6707084 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/07 09:00:47.68 1.32 1.31 47.2244 18.2706 10.7 6.7 78 0.0f 9 7 162 0.09 1.33 sx BUD 17001654 BUD 271

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Magnitude Err Nsta Author OrigID  
ML 1.0 0.1 4 BUD 17001654

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.09 332.5 Pg 09:00:50.567 0.5 T__ 442.3 --- ML 1.2 6707107 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 332.5 Lg 09:00:51.679 -0.8 T__ --- 6707106 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.14 357.2 Pg 09:00:51.644 0.5 T__ 218.6 --- ML 1.0 6707108 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.14 357.2 Lg 09:00:52.617 -1.7 T__ --- 6707109 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.17 357.3 Pg 09:00:52.756 1.1 T__ 122.8 --- ML 0.9 6707110 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MSW3 0.19 328.3 Pg 09:00:52.895 0.9 T__ 129.3 --- ML 0.9 6707111 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MORH 1.04 165.6 Lg 09:01:22.461 -1.2 T__ --- 6707112 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.30 57.1 Sn 09:01:30.590 -1.1 T__ --- 6707113 FDSN GE -- BUD iLoc HHE ??? _
VYHS 1.33 16.5 Sn 09:01:31.042 -1.3 T__ --- 6707114 FDSN SK -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/07 09:14:43.50 1.20 1.15 48.5564 20.7769 6.6 5.8 175 0.0f 12 8 88 0.17 1.29 sx BUD 17001656 BUD 160

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 4 BUD 17001656

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	249.1	Pg	09:14:47.054	-0.0					T__		470.2		---	ML	1.4	6707202	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	249.1	Lg	09:14:49.922	-0.0					T__				---		6707206	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	0.21	249.4	Pg	09:14:47.806	-0.1					T__		1093.0		---	ML	1.9	6707205	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	249.4	Lg	09:14:51.448	0.2					T__				---		6707207	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
ABAH	0.40	130.0	Lg	09:14:58.895	0.1					T__				---		6707208	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.47	201.2	Lg	09:15:00.653	-0.3					T__				---		6707209	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.87	223.1	Pg	09:15:02.457	0.6					T__		46.4		---	ML	1.6	6707211	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	223.1	Lg	09:15:14.807	-0.1					T__				---		6707210	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
NIE	0.92	340.2	Lg	09:15:14.020	0.1					T__				---		6707212	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	1.06	68.6	Lg	09:15:19.802	-0.3					T__				---		6707213	FDSN	SK	--	BUD	iLoc	HHE	???	_	
VYHS	1.29	268.0	Pn	09:15:08.049	0.1					T__		16.6		---	ML	1.4	6707204	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	268.0	Sn	09:15:23.950	-3.4					T__				---		6707203	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/07 09:17:05.61 1.08 0.80 46.0792 22.0431 6.8 5.6 73 0.0f 6 4 110 0.33 0.86 sx BUD 17001658 BUD 197

Magnitude Err Nsta Author OrigID  
 ML 1.1 0.1 3 BUD 17001658

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.33	305.4	Pg	09:17:12.738	0.1					T__		82.8		---	ML	1.1	6707256	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.33	305.4	Lg	09:17:17.855	-0.3					T__				---		6707254	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
BZS	0.55	212.9	Pg	09:17:16.871	0.4					T__		17.6		---	ML	1.1	6707257	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
DRGR	0.85	32.7	Pg	09:17:23.104	0.5					T__		34.2		---	ML	1.5	6707252	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.85	32.7	Lg	09:17:34.682	-0.7					T__				---		6707253	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
GZR	0.86	142.9	Lg	09:17:33.072	-1.0					T__				---		6707255	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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

2021/07/07 09:37:53.77 1.02 0.77 46.0311 22.8268 7.7 4.0 64 0.0f 10 6 137 0.16 0.94 sx BUD 17001660 BUD 204

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 4 BUD 17001660

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.16	160.1	Pg	09:37:57.128	0.4					T__		540.6		_d	ML	1.5	6707285	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	160.1	Lg	09:37:58.346	-0.6					T__				---		6707289	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
GZR	0.64	183.2	Pg	09:38:06.391	0.3					T__		52.8		---	ML	1.6	6707286	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.64	183.2	Lg	09:38:14.864	-0.3					T__				---		6707290	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
DRGR	0.76	354.0	Pg	09:38:09.616	0.4					T__		41.7		---	ML	1.5	6707292	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.76	354.0	Lg	09:38:19.881	-1.2					T__				---		6707291	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
SIRR	0.85	286.7	Pg	09:38:11.314	0.3					T__		28.2		---	ML	1.4	6707293	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.85	286.7	Lg	09:38:22.214	-1.0					T__				---		6707288	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
LOT	0.88	131.1	Lg	09:38:22.767	-0.8					T__				---		6707294	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.94	244.3	Lg	09:38:25.301	-0.1					T__				---		6707287	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/07 11:56:27.73 1.71 0.88 47.8767 20.1369 15.6 4.1 164 0.0f 10 6 224 0.17 1.07 kx BUD 17001662 BUD 245  
 2021/07/07 11:56:27.46 0.93 0.62 47.8650 20.1529f 0.0f 10 6 228 0.18 1.08 kx BUD\_GT 17001663 BUD\_GT 247  
 (locality : Kisnána Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 5 BUD\_GT 17001663

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	11:56:32.205	0.3					T__		952.8		_d	ML	1.8	6707385	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	11:56:34.664	-0.9					T__				---		6707389	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
HUO2A	0.36	44.0	Pg	11:56:35.411	0.1					T__		120.9		---	ML	1.4	6707390	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HUO2A	0.36	44.0	Lg	11:56:40.751	-0.7					T__				---		6707386	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	0.66	19.7	Lg	11:56:51.599	0.9					T__				---		6707391	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	22.1	Pg	11:56:41.495	0.4					T__		36.8		---	ML	1.4	6707392	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	11:56:51.360	-0.2					T__				---		6707393	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
ABAH	0.85	59.0	Pn	11:56:45.843	0.5					T__		45.2		---	ML	1.6	6707388	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	59.0	Lg	11:56:57.160	-0.9					T__				---		6707394	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

VYHS 1.08 306.0 Pn 11:56:48.713 -0.2 T\_\_ 9.7 \_\_\_ ML 1.1 6707387 FDSN SK -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/07	16:12:11.22	0.98	0.62	47.6120	16.3843	5.8	3.5	156	0.0f	13	9	176	0.11	1.45	sx	BUD	17001664	BUD				197

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.3	4 BUD	17001664

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
RONA	0.11	325.9	Pg	16:12:13.581	-0.1					T__		169.9		_c_	ML	0.8 6707462	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	325.9	Lg	16:12:15.452	-0.2					T__				---		6707458	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																								
SOP	0.14	58.7	Pg	16:12:14.611	0.3					T__		66.7		---	ML	0.5 6707463	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	58.7	Lg	16:12:16.425	-0.3					T__				---		6707457	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1																								
A011B	0.35	235.0	Lg	16:12:22.019	-0.8					T__				---		6707459	FDSN	Z3	00	BUD	iLoc	HH2	???	_
CONA	0.47	312.1	Lg	16:12:27.281	0.2					T__				---		6707464	FDSN	OE	--	BUD	iLoc	HHE	???	_
ARSA	0.69	238.6	Pg	16:12:24.330	-0.2					T__		23.4		---	ML	1.3 6707461	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	238.6	Lg	16:12:33.573	0.4					T__				---		6707460	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																								
A018A	0.89	279.0	Pg	16:12:28.164	-0.4					T__		18.5		---	ML	1.3 6707456	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.89	279.0	Lg	16:12:41.178	1.4					T__				---		6707455	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																								
A019A	0.90	259.8	Lg	16:12:40.762	0.6					T__				---		6707465	FDSN	Z3	00	BUD	iLoc	HH3	???	_
MODS	0.97	37.9	Lg	16:12:45.512	-0.4					T__				---		6707466	FDSN	SK	--	BUD	iLoc	HHE	???	_
KRUC	1.45	0.3	Sn	16:12:57.860	-0.0					T__				---		6707467	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/08	06:10:03.07	1.50	0.90	47.3305	18.3222	12.4	5.8	63	0.0f	8	7	108	0.05	1.25	kx	BUD	17001668	BUD				152
2021/07/08	06:10:03.10	1.00	0.87	47.3167	18.3081f				0.0f	8	7	107	0.06	1.24	kx	BUD_GT	17001669	BUD_GT				151

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
CSKK	0.06	325.1	Pg	06:10:05.161	0.2					T__		1636.4		---	ML	1.7 6709500	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	06:10:05.705	-1.1					T__				---		6709501	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
HU08A	0.29	293.8	Lg	06:10:14.125	-0.4					T__				---		6709499	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.54	254.6	Lg	06:10:23.490	0.7					T__				---		6709496	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.13	168.1	Lg	06:10:41.409	-0.4					T__				---		6709497	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.23	16.6	Sn	06:10:43.819	-1.6					T__				---		6709503	FDSN	SK	--	BUD	iLoc	HHE	???	_

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PSZ 1.23 60.1 Pn 06:10:27.185 0.5 T__ 26.1 ___ ML 1.6 6709502 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOVH 1.24 186.7 Sn 06:10:45.243 0.5 T__ ___ 6709498 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/08 07:27:21.86 0.80 1.02 48.6172 18.5456 4.6 2.9 36 0.0f 22 12 96 0.23 1.41 sx BUD 17001672 BUD 135

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 10 BUD 17001672

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.23 122.5 Pg 07:27:27.325 0.6 T__ 88.0 ___ ML 0.9 6709589 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.23 122.5 Lg 07:27:30.000 -0.4 T__ ___ 6709595 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
A331A 0.57 338.2 Pg 07:27:32.874 -0.4 T__ 85.8 ___ ML 1.8 6709592 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.57 338.2 Lg 07:27:41.509 0.3 T__ ___ 6709596 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 0.63 293.0 Pg 07:27:35.853 1.0 T__ 67.9 ___ ML 1.7 6709593 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.63 293.0 Lg 07:27:44.367 -0.4 T__ ___ 6709597 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU10A 0.83 157.6 Lg 07:27:51.002 -1.1 T__ ___ 6709598 FDSN ZJ 00 BUD iLoc HHN ??? _
MODS 0.88 254.4 Pg 07:27:39.964 0.3 T__ ___ 6709600 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.88 254.4 Lg 07:27:52.734 -0.4 T__ ___ 6709599 FDSN SK -- BUD iLoc HHN ??? _
HU03A 1.00 135.0 Pn 07:27:42.352 0.1 T__ 236.7 ___ ML 2.4 6709601 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
PSZ 1.14 127.3 Pn 07:27:44.090 -0.3 T__ 28.9 ___ ML 1.6 6709588 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.14 127.3 Sn 07:27:59.779 -2.5 T__ ___ 6709602 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 1.30 95.2 Pn 07:27:46.383 0.0 T__ 80.1 ___ ML 2.1 6709586 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.30 95.2 Sn 07:28:04.140 -1.6 T__ ___ 6709603 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 1.33 94.5 Pn 07:27:46.047 -0.7 T__ 24.7 ___ ML 1.6 6709587 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.33 94.5 Sn 07:28:04.777 -1.7 T__ ___ 6709604 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORC 1.33 330.8 Pg 07:27:46.618 -0.0 T__ 32.6 ___ ML 1.8 6709594 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.33 330.8 Lg 07:28:05.469 0.3 T__ ___ 6709605 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 1.41 54.6 Pg 07:27:49.339 1.0 T__ 10.9 ___ ML 1.3 6709590 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.41 54.6 Lg 07:28:08.069 -0.1 T__ ___ 6709591 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU02A 1.41 109.8 Pn 07:27:46.919 -1.1 T__ 23.4 ___ ML 1.7 6709585 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.41 109.8 Sn 07:28:07.473 -1.2 T__ ___ 6709606 FDSN ZJ 00 BUD iLoc HHN ??? _

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/08	07:34:47.17	1.02	0.84	47.9553	16.6705	7.9	3.4	134	0.0f		11	8	180	0.36	1.12	sx	BUD	17001674	BUD			228

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.36	224.7	Pg	07:34:54.329	-0.2					T__		43.1		___	ML	0.9	6709709	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.36	224.7	Lg	07:34:58.909	-0.6					T__				___		6709704	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
CONA	0.54	267.4	Pg	07:34:58.303	0.2					T__		25.2		___	ML	1.2	6709705	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.54	267.4	Lg	07:35:05.077	-0.2					T__				___		6709707	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
MODS	0.58	43.9	Pg	07:34:59.728	0.4					T__				___		6709706	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.58	43.9	Lg	07:35:08.503	-0.2					T__				___		6709708	FDSN	SK	--	BUD	iLoc	HHE	???	_	
A001A	0.78	356.1	Lg	07:35:14.165	-0.2					T__				___		6709710	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A013A	0.86	277.7	Lg	07:35:15.267	0.5					T__				___		6709711	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	1.05	228.2	Lg	07:35:20.959	0.4					T__				___		6709712	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	1.09	259.4	Lg	07:35:23.223	1.1					T__				___		6709713	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.12	350.7	Lg	07:35:23.529	-1.8					T__				___		6709714	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/08	07:50:04.73	2.39	1.47	46.1124	18.0789	18.1	6.5	106	0.0f		6	3	192	0.03	1.12	kx	BUD	17001676	BUD			286
2021/07/08	07:50:03.98	1.03	0.81	46.1204	18.0243f				0.0f		6	3	221	0.06	1.10	kx	BUD_GT	17001677	BUD_GT			316

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

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.0 3 BUD\_GT 17001677

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.06	121.4	Pg	07:50:06.358	0.4					T__		2486.7		___	ML	1.9	6709737	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	07:50:06.662	-1.1					T__				___		6709738	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
MORH	0.44	77.4	Pg	07:50:13.586	0.4					T__		59.9		___	ML	1.3	6709736	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
MORH	0.44	77.4	Lg	07:50:19.698	-0.7					T__				___		6709741	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
MPLH	1.10	342.5	Pn	07:50:25.999	0.5					T__		58.5		___	ML	1.9	6709740	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.10	342.5	Sn	07:50:40.959	-1.1					T__				___		6709739	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2021/07/08 08:14:56.46 3.32 0.72 46.7801 22.7743 28.4 15.1 44 0.0f 7 5 227 0.04 1.50 sx BUD 17001678 BUD 275

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.04	284.8	Pg	08:14:57.743	-0.1					T__		331.0		---	ML	0.9 6709766	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.04	284.8	Lg	08:14:59.231	0.1					T__				---		6709767	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
SIRR	0.92	236.7	Lg	08:15:28.268	-0.2					T__				---		6709768	FDSN	RO	--	BUD	iLoc	HHN	???	_
GZR	1.39	179.9	Pn	08:15:23.255	0.7					T__		25.4		---	ML	1.7 6709763	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.39	179.9	Sn	08:15:42.600	0.2					T__				---		6709765	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
BZS	1.41	215.1	Sn	08:15:43.026	0.5					T__				---		6709769	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.50	152.2	Sn	08:15:44.606	-1.1					T__				---		6709764	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/08 10:01:22.75 0.90 0.82 47.8899 16.4801 4.1 3.1 97 0.0f 12 8 118 0.09 1.17 sx BUD 17001680 BUD 165

Magnitude Err Nsta Author OrigID  
 ML 1.0 0.2 4 BUD 17001680

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A004A	0.09	322.5	Pg	10:01:25.644	0.8					T__		11007.6		---	ML	2.6 6711430	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																								
(Station ML: 2.6 magdef=1)																								
SOP	0.21	165.7	Pg	10:01:28.061	0.7					T__		100.3		---	ML	0.9 6711423	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.21	165.7	Lg	10:01:29.714	-0.9					T__				---		6711432	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
RONA	0.23	213.1	Pg	10:01:27.972	0.4					T__		64.7		---	ML	0.7 6711431	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	213.1	Lg	10:01:30.434	-0.5					T__				---		6711422	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																								
(Station ML: 0.7 magdef=1)																								
CONA	0.42	275.5	Pg	10:01:31.561	0.4					T__		38.3		---	ML	1.0 6711425	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.42	275.5	Lg	10:01:35.766	-1.1					T__				---		6711424	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
A002B	0.48	9.1	Lg	10:01:39.401	-0.4					T__				---		6711426	FDSN	Z3	00	BUD	iLoc	HH3	???	_
MODS	0.72	47.5	Pg	10:01:37.839	0.3					T__				---		6711428	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.72	47.5	Lg	10:01:48.412	-0.5					T__				---		6711427	FDSN	SK	--	BUD	iLoc	HHE	???	_
A018A	0.96	261.7	Lg	10:01:53.330	0.0					T__				---		6711421	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KRUC	1.17	357.3	Lg	10:02:01.238	-1.4					T__				---		6711429	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/08 15:33:43.97 1.03 0.40 47.5881 16.3512 5.8 4.0 139 0.0f 8 5 180 0.12 1.48 sx BUD 17001684 BUD 260

Magnitude Err Nsta Author OrigID  
 ML 0.6 0.0 3 BUD 17001684

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	341.6	Pg	15:33:46.640	-0.1					T__		130.9		___	ML	0.7	6712932	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	341.6	Lg	15:33:48.672	-0.1					T__				---		6712933	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SOP	0.17	55.7	Pg	15:33:47.943	0.2					T__		66.7		___	ML	0.6	6712935	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.17	55.7	Lg	15:33:49.975	-0.5					T__				---		6712934	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
A011B	0.32	236.1	Pg	15:33:50.340	-0.1					T__		25.5		___	ML	0.6	6712936	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.32	236.1	Lg	15:33:54.603	0.0					T__				---		6712938	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
CONA	0.47	316.0	Lg	15:34:00.294	0.4					T__				---		6712937	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.48	1.1	Sn	15:34:30.666	-0.6					T__				---		6712939	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/09	06:17:28.41	4.38	0.36	46.8251	22.8301	60.8	18.0	173	0.0f		4	2	266	0.09	1.52	sx	BUD	17001688	BUD			360

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.09	247.7	Pg	06:17:30.571	-0.0					T__		192.7		_c_	ML	0.8	6715119	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.09	247.7	Lg	06:17:32.547	0.0					T__				---		6715120	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
LOT	1.52	154.3	Pn	06:17:56.839	0.1					T__		43.1		___	ML	2.0	6715122	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.52	154.3	Sn	06:18:17.940	-0.3					T__				---		6715121	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/09	07:21:46.42	2.32	0.38	48.4277	21.2340	17.1	5.0	45	0.0f		7	4	259	0.13	0.56	sx	BUD	17001690	BUD			318

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.5	3 BUD	17001690

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.13	178.3	Pg	07:21:49.573	0.0					T__		83.7		___	ML	0.6	6715166	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.13	178.3	Lg	07:21:52.262	-0.1					T__				---		6715171	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
JOS	0.47	278.6	Pg	07:21:55.916	0.1					T__		19.9		___	ML	0.9	6715167	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	278.6	Lg	07:22:03.056	0.0					T__				---		6715172	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.50	276.6	Lg	07:22:03.806	-0.4					T__				---		6715170	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.56	237.4	Pg	07:21:58.111	-0.2					T__		35.7		___	ML	1.4	6715169	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.56	237.4	Lg	07:22:07.876	0.6					T__				---		6715168	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/09	08:04:13.99	0.88	1.31	48.4799	19.3523	5.1	3.2	11	0.0f	15	11	103	0.34	1.39	sx	BUD	17001692	BUD				158

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	17001692

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.34	272.5	Pg	08:04:22.013	0.9					T__		79.3		---	ML	1.2	6715208	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.34	272.5	Lg	08:04:26.148	-0.3					T__				---		6715207	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
HU03A	0.60	163.9	Lg	08:04:35.878	0.2					T__				---		6715209	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.67	147.0	Pg	08:04:28.337	0.1					T__		54.8		---	ML	1.6	6715210	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.67	147.0	Lg	08:04:37.702	-0.9					T__				---		6715211	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU10A	0.67	199.5	Lg	08:04:37.824	-0.8					T__				---		6715212	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.75	89.3	Lg	08:04:39.648	-0.7					T__				---		6715213	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.79	88.4	Pg	08:04:31.108	1.4					T__		96.6		---	ML	1.9	6715206	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.79	88.4	Lg	08:04:40.621	-0.9					T__				---		6715214	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
HU02A	0.86	114.1	Lg	08:04:43.297	-1.7					T__				---		6715215	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	1.13	33.3	Lg	08:04:50.837	-0.8					T__				---		6715216	FDSN	PL	--	BUD	iLoc	BHN	???	_	
JAVC	1.18	289.4	Pn	08:04:36.972	-0.2					T__		45.3		---	ML	1.8	6715218	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.18	289.4	Lg	08:04:53.027	-2.6					T__				---		6715217	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
ABAH	1.27	97.6	Pn	08:04:39.405	1.5					T__		53.6		---	ML	1.9	6715219	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									
MODS	1.39	266.4	Sn	08:04:58.864	-1.5					T__				---		6715220	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/09	08:09:28.22	1.43	1.29	48.5283	20.8418	9.8	5.3	119	0.0f	11	7	141	0.20	1.33	sx	BUD	17001694	BUD				229

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	17001694

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.20	260.9	Pg	08:09:33.301	0.8					T__		345.7		---	ML	1.4	6715305	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	260.9	Lg	08:09:35.506	-0.3					T__				---		6715306	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KECS	0.24	259.3	Pg	08:09:33.746	0.5					T__		660.1		---	ML	1.8	6715303	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	259.3	Lg	08:09:36.270	-0.9					T__				---		6715307	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1																									

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(Station ML: 1.8 magdef=1
HU02A 0.46 207.6 Lg 08:09:44.938 -0.5 T__
PSZ 0.88 226.4 Pn 08:09:47.231 0.3 T__ 50.4 --- ML 1.7 6715304 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.88 226.4 Lg 08:09:58.420 -1.6 T__ --- 6715309 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 0.96 338.3 Pg 08:09:47.213 0.9 T__ 13.2 --- ML 1.2 6715311 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.96 338.3 Lg 08:09:58.098 -1.9 T__ --- 6715310 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KOLS 1.03 66.3 Lg 08:10:02.579 -1.4 T__ --- 6715312 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.33 269.3 Sn 08:10:11.510 -1.5 T__ --- 6715313 FDSN SK -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/09 09:01:54.26 2.41 1.52 48.1692 21.3029 15.0 7.4 137 0.0f 10 8 110 0.13 1.68 kx BUD 17001696 BUD 215
2021/07/09 09:01:54.92 0.88 1.90 48.2470 21.2460f 0.0f 10 8 105 0.05 1.76 kx BUD_GT 17001697 BUD_GT 206
(locality : Tallya Hungary)
(GT info : GT2 explosion)

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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 0.05 355.1 Pg 09:01:57.959 1.5 T__ 15599.3 --- ML 2.6 6715341 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 09:01:59.479 1.4 T__ --- 6715343 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
HU02A 0.50 255.8 Lg 09:02:12.858 -0.7 T__ --- 6715344 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.53 298.1 Pn 09:02:07.202 -2.6 T__ 68.2 --- ML 1.6 6715342 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 09:02:15.290 1.5 T__ --- 6715345 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.56 295.3 Lg 09:02:16.056 1.3 T__ --- 6715346 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.96 250.6 Lg 09:02:27.635 -2.0 T__ --- 6715348 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Lg 09:02:26.905 -2.3 T__ --- 6715347 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.63 279.6 Lg 09:02:48.136 -2.4 T__ --- 6715350 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.76 145.2 Sn 09:02:48.554 -1.4 T__ --- 6715349 FDSN RO -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/09 09:35:07.61 3.85 1.33 46.9416 22.3334 32.7 6.7 167 0.0f 6 3 265 0.30 1.58 sx BUD 17001702 BUD 313

```

```
Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 17001702
```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
DRGR 0.30 119.9 Pg 09:35:14.027 0.2 T__ 162.8 --- ML 1.3 6715521 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.30 119.9 Lg 09:35:18.040 -1.0 T__ --- 6715522 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SIRR 0.82 214.8 Pg 09:35:24.243 0.0 T__ 18.1 --- ML 1.2 6715523 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.82 214.8 Lg 09:35:35.067 -1.5 T__ --- 6715524 FDSN RO -- BUD iLoc HHN ??? _

```

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 GZR 1.58 168.6 Pg 09:35:38.959 1.4 T\_\_ 62.7 \_\_\_ ML 2.2 6715526 FDSN RO -- BUD iLoc HHZ HHZ \_  
 GZR 1.58 168.6 Sn 09:35:58.054 -0.1 T\_\_ \_\_\_ 6715525 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/09	09:54:52.06	1.16	1.58	47.7969	19.1493	8.8	4.0	174	0.0f		12	8	177	0.10	1.16	sx	BUD	17001704	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	17001704

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.10	298.8	Pg	09:54:55.961	1.4					T__		3896.9		___	ML	2.2	6715587	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.10	298.8	Lg	09:54:56.384	-0.5					T__				___		6715588	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
HU03A	0.32	70.4	Lg	09:55:04.214	-0.2					T__				___		6715580	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.52	76.1	Lg	09:55:10.945	-0.7					T__				___		6715590	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU09A	0.54	253.3	Lg	09:55:09.766	-2.6					T__				___		6715581	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.73	343.4	Pg	09:55:07.342	0.4					T__	15.8			___	ML	1.1	6715582	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.73	343.4	Lg	09:55:15.874	-1.9					T__				___		6715591	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
HU02A	0.98	70.1	Pn	09:55:12.925	0.9					T__		37.6		___	ML	1.6	6715589	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	70.1	Lg	09:55:25.435	-2.4					T__				___		6715583	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
KECS	1.13	52.0	Sn	09:55:30.475	-0.9					T__				___		6715584	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.16	52.6	Pn	09:55:15.897	1.4					T__	24.0			___	ML	1.5	6715586	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.16	52.6	Sn	09:55:31.465	-0.7					T__				___		6715585	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/10	13:17:12.10	0.90	0.90	47.5913	16.3947	4.5	3.4	141	0.0f		17	12	68	0.13	1.15	sx	BUD	17001710	BUD			92

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	5 BUD	17001710

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.13	328.5	Pg	13:17:14.982	-0.0					T__		235.8		___	ML	1.0	6725657	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	328.5	Lg	13:17:16.259	-0.9					T__				___		6725662	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
SOP	0.14	50.2	Pg	13:17:16.181	0.8					T__	86.5			___	ML	0.6	6725656	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	50.2	Lg	13:17:18.188	0.4					T__				___		6725663	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=0																									

AO11B	0.35	238.4	Pg	13:17:18.489	-0.6	T__	40.6	___	ML	0.9	6725658	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
AO11B	0.35	238.4	Lg	13:17:22.989	-0.6	T__		---			6725664	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
CONA	0.49	313.4	Pg	13:17:22.686	0.7	T__	33.5	___	ML	1.2	6725659	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.49	313.4	Lg	13:17:28.159	-0.5	T__		---			6725665	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
ARSA	0.68	240.4	Lg	13:17:33.913	-0.0	T__		---			6725666	FDSN	OE	--	BUD	iLoc	HHN	???	_
MPLH	0.88	118.0	Lg	13:17:41.812	-1.1	T__		---			6725660	FDSN	HU	--	BUD	iLoc	HHN	???	_
AO19A	0.90	261.2	Lg	13:17:41.324	0.2	T__		---			6725667	FDSN	Z3	00	BUD	iLoc	HH2	???	_
AO18A	0.90	280.2	Pg	13:17:30.733	1.1	T__	29.2	___	ML	1.5	6725661	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
AO18A	0.90	280.2	Lg	13:17:41.192	0.2	T__		---			6725668	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
MODS	0.98	36.8	Lg	13:17:45.519	-1.7	T__		---			6725669	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU08A	1.05	98.2	Sn	13:17:48.091	-0.7	T__		---			6725670	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A263A	1.14	146.2	Lg	13:17:50.853	0.6	T__		---			6725672	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KOGS	1.15	185.0	Lg	13:17:50.572	1.4	T__		---			6725671	FDSN	SL	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/12	08:46:04.15	0.99	1.35	47.8943	16.1112	6.8	3.8	27	0.0f		8	6	89	0.17	1.18	sx	BUD	17001716	BUD			153

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	281.6	Pg	08:46:08.228	0.4					T__		176.6		___	ML	1.0	6732337	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	281.6	Lg	08:46:09.894	-0.5					T__				---		6732336	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.23	147.3	Pg	08:46:09.385	0.3					T__	44.3			___	ML	0.6	6732340	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	147.3	Lg	08:46:12.354	-0.1					T__				---		6732339	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
AO13A	0.50	289.9	Lg	08:46:20.179	-0.3					T__				---		6732338	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.76	211.9	Lg	08:46:27.569	-0.8					T__				---		6732341	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.92	58.0	Lg	08:46:36.476	-0.5					T__				---		6732342	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.18	9.1	Sn	08:46:41.486	-2.8					T__				---		6732343	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/07/12	09:05:11.06	1.41	1.22	48.5316	20.8285	8.8	5.3	15	0.0f		11	8	157	0.20	1.33	sx	BUD	17001718	BUD					221

Magnitude Err Nsta Author OrigID  
ML 1.1 0.1 3 BUD 17001718

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.20	259.5	Pg	09:05:15.731	0.6					T__	167.9			___	ML	1.1	6732370	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	259.5	Lg	09:05:18.255	-0.2					T__				---		6732374	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									

KECS	0.23	258.1	Pg	09:05:16.222	0.3	T__	692.0	___	ML	1.8	6732371	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.23	258.1	Lg	09:05:19.627	-0.1	T__		---			6732375	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ABAH	0.36	130.6	Lg	09:05:24.703	-0.2	T__		---			6732376	FDSN	HU	--	BUD	iLoc	HNN	???	_
HU02A	0.46	206.4	Pg	09:05:21.499	0.7	T__	26.7	---	ML	1.0	6732372	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	206.4	Lg	09:05:27.945	-0.3	T__		---			6732377	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
PSZ	0.88	225.9	Lg	09:05:41.148	-1.5	T__		---			6732378	FDSN	GE	--	BUD	iLoc	HNN	???	_
HU03A	1.03	233.1	Lg	09:05:46.359	-1.3	T__		---			6732380	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
KOLS	1.04	66.7	Lg	09:05:45.354	-1.7	T__		---			6732379	FDSN	SK	--	BUD	iLoc	HNN	???	_
VVHS	1.33	269.1	Sn	09:05:53.680	-2.0	T__		---			6732373	FDSN	SK	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/12	09:08:08.25	0.85	1.09	48.8137	16.2484	5.2	3.3	116	0.0f		20	13	69	0.24	1.64	sx	BUD	17001720	BUD			110

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	8 BUD	17001720

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A001A	0.24	110.5	Lg	09:08:15.593	-1.6					T__						6732537	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
KRUC	0.27	21.2	Pg	09:08:14.527	1.0					T__	184.0			_c	ML	1.3	6732522	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.27	21.2	Lg	09:08:17.102	-0.5					T__						6732524	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VRAC	0.54	24.5	Pg	09:08:19.277	0.6					T__	15.4			___	ML	1.0	6732520	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.54	24.5	Lg	09:08:26.385	-0.3					T__						6732525	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
A008A	0.60	221.9	Pg	09:08:19.520	-0.2					T__	63.6			___	ML	1.6	6732519	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
TREC	0.69	314.2	Lg	09:08:28.562	-2.4					T__						6732538	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
MODS	0.81	122.4	Lg	09:08:35.279	-2.0					T__						6732526	FDSN	SK	--	BUD	iLoc	HNN	???	_	
CONA	0.92	196.4	Pg	09:08:26.775	0.3					T__	36.2			___	ML	1.6	6732528	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.92	196.4	Lg	09:08:39.023	0.5					T__						6732527	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A013A	0.94	217.1	Pg	09:08:26.775	0.4					T__	58.1			___	ML	1.8	6732529	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.94	217.1	Lg	09:08:39.803	1.3					T__						6732530	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
RONA	1.12	178.3	Pg	09:08:29.896	-0.4					T__	27.8			___	ML	1.6	6732532	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.12	178.3	Lg	09:08:45.186	0.4					T__						6732531	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CKRC	1.28	271.0	Lg	09:08:48.618	-1.3					T__						6732534	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
MORC	1.28	40.8	Pg	09:08:33.013	0.9					T__	42.1			___	ML	1.8	6732523	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.28	40.8	Lg	09:08:49.944	0.0					T__						6732533	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									

A011B	1.42	188.0	Pn	09:08:34.601	-0.3	T__	29.4	---	ML	1.8	6732521	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	1.42	188.0	Lg	09:08:54.313	0.7	T__		---			6732535	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ARSA	1.64	197.6	Sn	09:09:00.398	0.7	T__		---			6732536	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/12	09:29:37.33	1.26	1.04	48.4354	20.8147	7.7	4.8	45	0.0f	8	5	187	0.19	0.80	sx	BUD	17001722	BUD				283

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	17001722

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	288.3	Pg	09:29:42.005	0.6					T__		336.0		_c_	ML	1.4	6732574	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	288.3	Lg	09:29:43.883	-0.7					T__				---		6732577	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.22	282.4	Pg	09:29:42.534	0.5					T__		283.4		---	ML	1.4	6732575	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	282.4	Lg	09:29:44.927	-0.8					T__				---		6732581	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.32	116.0	Lg	09:29:48.677	-1.0					T__				---		6732580	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.37	211.8	Pg	09:29:46.050	0.8					T__		32.8		---	ML	0.8	6732579	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.37	211.8	Lg	09:29:50.915	-0.5					T__				---		6732578	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
PSZ	0.80	230.3	Lg	09:30:05.198	-1.4					T__				---		6732576	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/12	10:16:10.20	1.74	0.47	48.7871	21.1410	13.5	7.4	163	0.0f	9	6	203	0.49	1.20	sx	BUD	17001724	BUD				297

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	3 BUD	17001724

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.49	234.1	Pg	10:16:20.467	0.4					T__		32.9		---	ML	1.2	6732652	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	234.1	Lg	10:16:27.763	0.2					T__				---		6732653	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.50	172.4	Lg	10:16:28.730	0.1					T__				---		6732658	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KECS	0.53	235.3	Pg	10:16:20.623	-0.2					T__		166.5		---	ML	2.0	6732655	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.53	235.3	Lg	10:16:28.544	-0.3					T__				---		6732654	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KOLS	0.76	78.5	Lg	10:16:37.016	-0.1					T__				---		6732660	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU02A	0.78	211.9	Pg	10:16:26.251	-0.1					T__		30.6		---	ML	1.4	6732656	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	211.9	Lg	10:16:38.423	-0.0					T__				---		6732659	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	1.20	224.2	Sn	10:16:50.953	-1.0					T__				---		6732657	FDSN	GE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/12	11:18:37.70	1.01	0.88	48.3290	19.8563	6.2	3.6	140	0.0f		10	6	145	0.41	0.70	sx	BUD	17001726	BUD			227

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	17001726

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.41	176.4	Pg	11:18:47.324	0.5					T__		122.6		___	ML	1.5	6732689	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	176.4	Lg	11:18:52.699	-0.8					T__				---		6732694	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.45	69.6	Pg	11:18:47.585	0.8					T__		122.0		___	ML	1.6	6732691	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	69.6	Lg	11:18:53.389	-0.3					T__				---		6732690	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU03A	0.46	202.1	Pg	11:18:48.261	0.8					T__		59.9		___	ML	1.4	6732693	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.46	202.1	Lg	11:18:53.915	-0.6					T__				---		6732695	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.48	69.6	Pg	11:18:47.585	0.1					T__		77.7		___	ML	1.5	6732692	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	69.6	Lg	11:18:54.524	-0.4					T__				---		6732696	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.49	114.6	Lg	11:18:54.929	-1.2					T__				---		6732697	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VVHS	0.70	284.0	Lg	11:19:01.214	-1.0					T__				---		6732698	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/12	13:21:53.30	0.99	0.77	45.8867	22.7341	11.9	5.1	101	10.4	14.9	10	6	92	0.12	0.91	ke	BUD	17001728	BUD			154

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	4 BUD	17001728

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.12	91.6	Pg	13:21:56.385	0.2					T__		1432.2		_d	ML	1.8	6732778	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.12	91.6	Lg	13:21:57.991	-0.3					T__				---		6732771	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
GZR	0.49	176.5	Pg	13:22:03.591	0.6					T__		191.2		___	ML	2.0	6732770	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.49	176.5	Lg	13:22:09.861	-0.4					T__				---		6732779	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BZS	0.83	251.4	Pg	13:22:09.359	-0.1					T__		26.9		___	ML	1.4	6732773	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.83	251.4	Lg	13:22:20.049	-0.5					T__				---		6732777	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
SIRR	0.84	297.4	Lg	13:22:20.947	-0.4					T__				---		6732772	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.85	120.8	Lg	13:22:20.731	-1.5					T__				---		6732774	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	0.91	359.0	Pg	13:22:11.699	0.5					T__		91.6		___	ML	2.0	6732776	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.91	359.0	Lg	13:22:23.407	-0.4					T__				---		6732775	FDSN	RO	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/12	16:03:40.38	1.23	1.08	47.5806	16.4205	7.6	4.6	131	0.0f		9	7	199	0.14	1.48	sx	BUD	17001732	BUD			263

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.14	42.2	Lg	16:03:47.522	1.6					T__						6732835	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.15	324.9	Pg	16:03:43.614	-0.0					T__	199.9			_c_	ML	1.0	6732833	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.15	324.9	Lg	16:03:45.542	-0.5					T__						6732834	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
A011B	0.36	241.4	Pg	16:03:47.444	-0.1					T__	25.9			___	ML	0.7	6732837	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.36	241.4	Lg	16:03:51.874	-0.3					T__						6732836	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 0.7 magdef=1 (Station ML: 0.7 magdef=1																									
CONA	0.51	312.9	Lg	16:03:58.440	0.9					T__						6732838	FDSN	OE	--	BUD	iLoc	HHE	???	_	
A013A	0.84	305.6	Lg	16:04:07.768	0.4					T__						6732839	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MODS	0.98	35.6	Lg	16:04:13.762	-1.7					T__						6732840	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KRUC	1.48	359.4	Sn	16:04:28.405	0.6					T__						6732841	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/13	07:57:44.26	1.68	0.33	48.5234	20.8187	15.4	4.4	14	0.0f		6	4	227	0.19	0.45	sx	BUD	17001736	BUD			304

Magnitude Err Nsta Author OrigID  
 ML 0.9 0.4 3 BUD 17001736

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	261.6	Pg	07:57:48.286	0.1					T__		37.0		___	ML	0.4	6735819	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	261.6	Lg	07:57:51.345	0.0					T__						6735820	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1																									
KECS	0.23	259.8	Pg	07:57:49.184	0.2					T__	160.6			___	ML	1.1	6735822	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	259.8	Lg	07:57:52.117	-0.5					T__						6735821	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
ABAH	0.36	128.9	Pg	07:57:51.808	0.0					T__	36.4			___	ML	0.9	6735823	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
HU02A	0.45	206.1	Lg	07:58:01.071	0.0					T__						6735824	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/13	08:31:41.57	1.41	1.49	48.5926	20.8548	7.6	6.1	45	0.0f		10	6	162	0.23	0.93	sx	BUD	17001738	BUD			252

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.3 4 BUD 17001738

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.23	245.3	Pg	08:31:47.373	1.0					T__		31.4		---	ML	0.4	6735852	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.23	245.3	Lg	08:31:49.998	-0.1					T__				---		6735856	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
KECS	0.27	246.1	Pg	08:31:48.145	1.0					T__		179.2		---	ML	1.3	6735853	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.27	246.1	Lg	08:31:51.387	-0.0					T__				---		6735857	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.39	139.0	Lg	08:31:57.482	1.0					T__				---		6735861	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.52	205.2	Pg	08:31:52.157	-0.4					T__		26.5		---	ML	1.2	6735854	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.52	205.2	Lg	08:31:59.415	-1.4					T__				---		6735858	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
NIE	0.90	336.3	Lg	08:32:09.343	-2.1					T__				---		6735860	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	0.93	223.9	Pn	08:32:00.184	-0.8					T__		35.1		---	ML	1.6	6735855	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.93	223.9	Lg	08:32:12.845	-2.2					T__				---		6735859	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/13	10:00:57.11	0.93	0.75	48.1370	16.9319	16.6	3.5	141	0.0f		8	5	162	0.13	1.30	sx	BUD	17001742	BUD			180

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.13	62.6	Pg	10:01:00.818	0.5					T__				---		6735927	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.13	62.6	Lg	10:01:02.415	-0.6					T__				---		6735926	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.33	44.1	Pg	10:01:04.718	0.4					T__				---		6735928	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.33	44.1	Lg	10:01:08.812	-1.2					T__				---		6735925	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.61	224.6	Pg	10:01:09.275	-0.1					T__		29.6		---	ML	1.3	6735929	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.61	224.6	Lg	10:01:17.121	-0.5					T__				---		6735930	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
CONA	0.75	254.2	Lg	10:01:21.820	0.0					T__				---		6735931	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	1.30	227.5	Lg	10:01:39.016	0.5					T__				---		6735932	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/13	11:12:59.32	1.22	0.55	47.8745	16.0903	10.3	3.6	38	0.0f		9	7	131	0.16	1.21	sx	BUD	17001744	BUD			208

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	289.4	Pg	11:13:02.889	0.1					T__		98.0		---	ML	0.7	6736895	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	289.4	Lg	11:13:04.742	-0.5					T__				---		6736894	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
RONA	0.22	141.5	Pg	11:13:04.360	0.3					T__		56.9		---	ML	0.7	6736896	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.22	141.5	Lg	11:13:06.676	-0.7					T__				---		6736897	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									

```

(Station ML: 0.7 magdef=1
A011B 0.47 190.9 Lg 11:13:14.885 0.1 T__ --- 6736898 FDSN Z3 00 BUD iLoc HH2 ??? _
A013A 0.50 292.6 Lg 11:13:15.825 0.4 T__ --- 6736899 FDSN Z3 00 BUD iLoc HHE ??? _
A018A 0.70 259.5 Lg 11:13:21.362 -0.2 T__ --- 6736900 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.73 211.8 Lg 11:13:22.478 -0.3 T__ --- 6736901 FDSN OE -- BUD iLoc HHE ??? _
KRUC 1.21 9.6 Sn 11:13:39.148 -0.8 T__ --- 6736902 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/14 07:10:26.98 1.51 1.08 46.1167 18.0313 13.2 6.4 142 0.0f 7 4 125 0.06 1.11 sx BUD 17001746 BUD 221

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Magnitude Err Nsta Author OrigID
ML 1.5 0.4 3 BUD 17001746

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.06 120.7 Pg 07:10:29.417 0.6 T__ 1202.7 --- ML 1.5 6738797 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.06 120.7 Lg 07:10:29.842 -0.7 T__ --- 6738798 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A273A 0.25 216.9 Lg 07:10:35.665 -0.8 T__ --- 6738799 FDSN Z3 00 BUD iLoc HHN ??? _
MORH 0.44 76.8 Pg 07:10:36.625 0.5 T__ 41.7 --- ML 1.1 6738796 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.44 76.8 Lg 07:10:42.028 -1.2 T__ --- 6738795 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MPLH 1.11 342.4 Pn 07:10:48.716 0.1 T__ 52.6 --- ML 1.8 6738801 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.11 342.4 Sn 07:11:03.922 -1.2 T__ --- 6738800 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/14 08:08:48.90 1.39 1.17 48.5607 20.8378 7.6 5.7 40 0.0f 9 6 156 0.21 0.93 sx BUD 17001748 BUD 242

```

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Magnitude Err Nsta Author OrigID
ML 1.1 0.3 3 BUD 17001748

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.21 252.0 Pg 08:08:54.219 1.0 T__ 104.6 --- ML 0.9 6738913 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.21 252.0 Lg 08:08:56.226 -0.4 T__ --- 6738915 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.25 251.8 Pg 08:08:54.528 0.5 T__ 130.8 --- ML 1.1 6738917 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.25 251.8 Lg 08:08:57.307 -0.7 T__ --- 6738916 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ABAH 0.38 134.5 Lg 08:09:02.710 -0.6 T__ --- 6738918 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.49 205.6 Pg 08:08:59.777 0.6 T__ 95.6 --- ML 1.6 6738914 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.49 205.6 Lg 08:09:06.260 -0.8 T__ --- 6738919 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.90 224.8 Lg 08:09:19.536 -1.8 T__ --- 6738920 FDSN GE -- BUD iLoc HHN ??? _
NIE 0.93 337.8 Lg 08:09:18.302 -1.3 T__ --- 6738921 FDSN PL -- BUD iLoc BHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/14	09:37:27.53	1.14	1.29	48.7629	21.1430	8.7	4.2	157	0.0f		12	6	199	0.47	1.19	sx	BUD	17001752	BUD			294

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	17001752

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.47	172.1	Pg	09:37:37.909	0.8					T__		183.3		___	ML	1.9	6739024	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.47	172.1	Lg	09:37:44.824	-0.3					T__				---		6739025	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.48	236.5	Pg	09:37:37.830	0.7					T__		63.1		___	ML	1.4	6739022	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	236.5	Lg	09:37:44.021	-0.5					T__				---		6739026	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.52	237.6	Pg	09:37:38.367	0.4					T__		164.0		___	ML	2.0	6739023	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.52	237.6	Lg	09:37:45.524	-0.3					T__				---		6739027	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.76	212.9	Pg	09:37:43.027	-0.2					T__		50.1		___	ML	1.6	6739029	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	212.9	Lg	09:37:53.583	-1.5					T__				---		6739033	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOLS	0.77	76.7	Pg	09:37:42.882	0.7					T__				---		6739028	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.77	76.7	Lg	09:37:51.561	-3.0					T__				---		6739032	FDSN	SK	--	BUD	iLoc	HHE	???	_	
PSZ	1.19	225.1	Pn	09:37:50.446	-0.1					T__		62.7		---	ML	2.0	6739031	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.19	225.1	Sn	09:38:07.653	-1.2					T__				---		6739030	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/14	10:40:21.34	2.34	0.34	47.9146	16.0616	28.6	4.1	27	0.0f		5	3	227	0.14	0.68	sx	BUD	17001754	BUD			340

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	275.9	Pg	10:40:24.433	0.2					T__		34.2		___	ML	0.2	6739106	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	275.9	Lg	10:40:25.977	-0.4					T__				---		6739107	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									
RONA	0.27	143.6	Pg	10:40:26.991	0.1					T__		32.3		___	ML	0.6	6739109	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.27	143.6	Lg	10:40:30.696	-0.1					T__				---		6739110	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
A018A	0.68	255.9	Lg	10:40:43.344	0.1					T__				---		6739108	FDSN	Z3	00	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/14	10:48:13.86	0.92	0.81	48.4070	19.5577	6.2	3.6	7	0.0f		12	7	125	0.49	1.13	sx	BUD	17001756	BUD			230

Magnitude Err Nsta Author OrigID  
ML 1.5 0.0 5 BUD 17001756

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.49	280.5	Pg	10:48:24.322	0.4					T__		13.4		---	ML	0.8 6739145	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	280.5	Lg	10:48:30.488	-0.7					T__				---		6739146	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=0)																								
PSZ	0.54	155.1	Lg	10:48:33.576	-0.4					T__				---		6739147	FDSN	GE	--	BUD	iLoc	HHN	???	_
KECS	0.62	82.6	Pg	10:48:26.668	0.3					T__		88.0		---	ML	1.8 6739141	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.62	82.6	Lg	10:48:35.313	-0.5					T__				---		6739140	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
JOS	0.66	81.9	Pg	10:48:27.595	0.6					T__		45.9		---	ML	1.5 6739138	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	81.9	Lg	10:48:36.857	-0.2					T__				---		6739139	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU02A	0.71	113.4	Pg	10:48:29.447	0.9					T__		40.2		---	ML	1.5 6739142	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	113.4	Lg	10:48:38.110	-1.5					T__				---		6739143	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
NIE	1.12	25.5	Pg	10:48:35.640	0.6					T__		12.3		---	ML	1.2 6739144	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.12	25.5	Lg	10:48:50.557	-0.9					T__				---		6739148	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
ABAH	1.13	95.0	Sn	10:48:52.718	-0.3					T__				---		6739149	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/14	11:20:05.26	1.19	0.34	47.8691	16.0680	10.5	3.9	38	0.0f		8	6	127	0.15	1.51	sx	BUD	17001758	BUD			187

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CONA	0.15	293.2	Pg	11:20:08.709	0.2					T__		191.3		---	ML	1.0 6739176	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	293.2	Lg	11:20:10.407	-0.4					T__				---		6739177	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
RONA	0.23	137.7	Pg	11:20:10.315	0.2					T__		104.9		---	ML	1.0 6739180	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	137.7	Lg	11:20:13.171	-0.3					T__				---		6739179	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
A011B	0.47	189.1	Lg	11:20:20.127	-0.3					T__				---		6739181	FDSN	Z3	00	BUD	iLoc	HH2	???	_
ARSA	0.72	211.0	Lg	11:20:28.387	0.1					T__				---		6739182	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.21	10.2	Sn	11:20:45.776	-0.3					T__				---		6739183	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.51	309.7	Sn	11:20:53.653	-0.0					T__				---		6739178	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/15	06:57:00.06	2.71	0.48	46.7752	22.7691	26.1	13.0	49	0.0f		8	5	219	0.04	1.50	sx	BUD	17001760	BUD			275

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.0 3 BUD 17001760

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.04	292.4	Pg	06:57:01.420	0.1					T__		266.0		---	ML	0.8 6739640	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.04	292.4	Lg	06:57:02.501	-0.1					T__				---		6739639	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
SIRR	0.92	236.9	Lg	06:57:31.913	-0.0					T__				---		6739641	FDSN	RO	--	BUD	iLoc	HHE	???	_
GZR	1.38	179.8	Pn	06:57:26.269	0.2					T__		31.8		---	ML	1.8 6739642	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.38	179.8	Sn	06:57:45.797	-0.1					T__				---		6739636	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
BZS	1.41	215.1	Sn	06:57:46.398	0.4					T__				---		6739643	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.50	152.0	Pn	06:57:27.666	-0.3					T__		27.6		---	ML	1.8 6739638	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.50	152.0	Sn	06:57:48.352	-0.9					T__				---		6739637	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/15 07:14:19.50 1.62 1.22 48.9477 20.7042 15.5 5.8 78 0.0f 8 6 180 0.47 1.16 sx BUD 17001762 BUD 303

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.47	193.6	Pg	07:14:29.706	0.9					T__		63.2		---	ML	1.4 6739681	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	193.6	Lg	07:14:35.727	-0.1					T__				---		6739684	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
KECS	0.49	197.4	Pg	07:14:29.741	0.5					T__		83.5		---	ML	1.6 6739683	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.49	197.4	Lg	07:14:36.456	-0.2					T__				---		6739682	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
NIE	0.54	330.7	Lg	07:14:36.810	-0.7					T__				---		6739688	FDSN	PL	--	BUD	iLoc	BHN	???	_
ABAH	0.74	151.2	Lg	07:14:45.239	-1.2					T__				---		6739685	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.83	188.3	Lg	07:14:48.183	-1.3					T__				---		6739686	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	1.16	207.9	Lg	07:14:58.345	-1.6					T__				---		6739687	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/15 07:43:14.40 1.38 0.87 47.3182 18.3721 11.6 5.5 77 0.0f 7 6 111 0.09 1.24 sx BUD 17001764 BUD 172

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CSKK	0.09	300.7	Pg	07:43:17.423	0.6					T__		913.3		---	ML	1.5 6739719	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	300.7	Lg	07:43:18.118	-1.1					T__				---		6739720	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
HU09A	0.32	1.2	Lg	07:43:26.564	-0.6					T__				---		6739721	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.12	170.3	Lg	07:43:52.222	-0.7					T__				---		6739722	FDSN	HU	--	BUD	iLoc	HHN	???	_

PSZ	1.19	59.2	Sn	07:43:55.536	-0.2	T__	---	6739724	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	1.22	14.7	Sn	07:43:55.828	-0.6	T__	---	6739725	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.24	188.8	Sn	07:43:55.823	-0.4	T__	---	6739723	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/15	08:34:51.18	1.18	1.17	48.5389	20.8242	6.2	5.2	23	0.0f	14	11	88	0.19	1.81	sx	BUD	17001768	BUD				130

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	3 BUD	17001768

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.19	257.3	Pg	08:34:55.973	0.7					T__		395.8		---	ML	1.4	6739807	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	257.3	Lg	08:34:58.288	-0.2					T__				---		6739809	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.23	256.2	Pg	08:34:56.850	0.8					T__		922.4		---	ML	1.9	6739811	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	256.2	Lg	08:34:59.166	-0.6					T__				---		6739810	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ABAH	0.37	131.1	Lg	08:35:05.189	-0.1					T__				---		6739812	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.46	205.7	Pg	08:35:01.624	0.6					T__		42.1		---	ML	1.2	6739806	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	205.7	Lg	08:35:07.799	-0.7					T__				---		6739808	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.88	225.4	Lg	08:35:21.461	-1.4					T__				---		6739813	FDSN	GE	--	BUD	iLoc	HHN	???	_	
NIE	0.95	338.8	Lg	08:35:21.420	-1.1					T__				---		6739814	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU03A	1.04	232.6	Lg	08:35:26.363	-1.4					T__				---		6739816	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	1.04	67.1	Lg	08:35:25.559	-1.6					T__				---		6739815	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.22	109.0	Sn	08:35:31.658	-1.3					T__				---		6739817	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.32	268.8	Sn	08:35:34.029	-1.7					T__				---		6739818	FDSN	SK	--	BUD	iLoc	HHN	???	_	
OJC	1.81	338.7	Sn	08:35:47.744	-0.4					T__				---		6739819	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/15	09:14:55.07	1.02	1.06	48.4051	17.2909	7.8	3.2	100	0.0f	12	8	167	0.03	1.38	sx	BUD	17001770	BUD				194

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	17001770

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.03	196.0	Pg	09:14:56.310	-0.1					T__				_c_		6739880	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.03	196.0	Lg	09:14:57.858	0.0					T__				---		6739881	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.52	28.9	Lg	09:15:14.144	-0.2					T__				---		6739882	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
KRUC	0.89	318.3	Pg	09:15:12.572	0.5					T__		22.8		---	ML	1.4	6739883	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.89	318.3	Lg	09:15:24.501	-0.6					T__				---		6739879	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
RONA	0.97	223.8	Pg	09:15:13.763	-0.6					T__		30.9		---	ML	1.5	6739884	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.97	223.8	Lg	09:15:26.620	-0.4					T__				---		6739885	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

```

VRAC 1.01 333.3 Lg 09:15:27.238 -2.0 T__ --- 6739876 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.07 244.0 Lg 09:15:32.023 2.0 T__ --- 6739877 FDSN OE -- BUD iLoc HHN ??? _
A013A 1.31 255.5 Sn 09:15:38.695 0.2 T__ --- 6739878 FDSN Z3 00 BUD iLoc HHN ??? _
MORC 1.38 6.8 Pg 09:15:21.526 0.7 T__ 30.5 --- ML 1.8 6739887 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.38 6.8 Lg 09:15:40.640 0.6 T__ --- 6739886 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/15 12:32:56.47 1.04 0.68 47.8589 16.0643 11.7 3.8 34 0.0f 7 4 125 0.15 1.22 sx BUD 17001780 BUD 250

```

```

Magnitude Err Nsta Author OrigID
ML 0.5 0.1 3 BUD 17001780

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CONA 0.15 297.1 Pg 12:32:59.830 0.1 T__ 64.0 --- ML 0.5 6740127 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.15 297.1 Lg 12:33:01.682 -0.4 T__ --- 6740126 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
RONA 0.22 135.4 Pg 12:33:01.373 0.2 T__ 33.9 --- ML 0.5 6740128 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.22 135.4 Lg 12:33:04.152 -0.4 T__ --- 6740129 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A018A 0.68 260.5 Lg 12:33:18.355 0.3 T__ --- 6740130 FDSN Z3 00 BUD iLoc HHN ??? _
KRUC 1.22 10.2 Pg 12:33:20.361 0.4 T__ 25.1 --- ML 1.6 6740132 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.22 10.2 Sn 12:33:36.416 -1.1 T__ --- 6740131 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/15 12:54:13.17 0.90 1.18 48.2480 21.2365 4.9 3.8 170 0.0f 22 13 65 0.05 1.62 kx BUD 17001782 BUD 107
2021/07/15 12:54:12.98 0.86 0.97 48.2470 21.2460f 0.0f 22 13 65 0.05 1.63 kx BUD_GT 17001783 BUD_GT 107

```

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

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 8 BUD_GT 17001783

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 12:54:14.870 0.3 T__ 9107.8 --- ML 2.4 6740187 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 12:54:15.334 -0.8 T__ --- 6740186 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU02A 0.50 255.8 Pg 12:54:23.978 0.4 T__ 115.5 --- ML 1.7 6740189 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 12:54:30.771 -0.9 T__ --- 6740188 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU07A 0.52 120.5 Lg 12:54:31.852 -1.0 T__ --- 6740192 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.53 298.1 Pg 12:54:24.596 0.9 T__ 84.0 --- ML 1.7 6740191 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 12:54:30.925 -1.0 T__ --- 6740190 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.56 295.3 Pg 12:54:25.213 1.0 T__ 168.4 ___ ML 2.0 6740194 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 12:54:32.315 -0.5 T__ ___ 6740193 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU05A 0.70 186.1 Lg 12:54:39.060 -0.1 T__ ___ 6740175 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 0.87 97.2 Pg 12:54:30.723 0.7 T__ ___ ML 2.1 6740176 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 0.87 97.2 Lg 12:54:43.121 -1.3 T__ ___ 6740195 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU23A 0.90 228.1 Lg 12:54:45.234 -0.3 T__ ___ 6740179 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.96 250.6 Pn 12:54:32.576 -0.2 T__ ___ ML 1.9 6740181 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.6 Lg 12:54:45.543 -2.2 T__ ___ 6740180 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 0.97 44.4 Pn 12:54:33.193 0.3 T__ ___ 6740178 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.97 44.4 Lg 12:54:45.543 -1.7 T__ ___ 6740177 FDSN SK -- BUD iLoc HHN ??? _
HU03A 1.16 253.3 Pg 12:54:36.590 -0.3 T__ ___ ML 2.0 6740183 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.16 253.3 Sn 12:54:52.644 -0.1 T__ ___ 6740182 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 1.33 332.3 Pg 12:54:39.570 1.5 T__ 20.8 ___ ML 1.6 6740196 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.33 332.3 Lg 12:54:56.349 -1.2 T__ ___ 6740184 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
VYHS 1.63 279.6 Sn 12:55:04.994 0.2 T__ ___ 6740185 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/16 02:20:27.23 1.44 0.35 47.4244 18.3138 7.1 4.9 106 6.2 9.4 10 6 197 0.05 0.26 ke BUD 17001784 BUD 298

```

```

Magnitude Err Nsta Author OrigID
ML 0.9 0.7 4 BUD 17001784

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW1 0.05 229.8 Pg 02:20:29.178 0.2 T__ 756.8 _d ML 1.3 6740372 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.05 229.8 Lg 02:20:30.238 -0.4 T__ ___ 6740371 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 0.07 210.6 Pg 02:20:29.613 0.3 T__ 765.6 ___ ML 1.4 6740367 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 210.6 Lg 02:20:31.071 -0.2 T__ ___ 6740368 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.13 252.1 Pg 02:20:30.541 0.2 T__ 57.0 ___ ML 0.4 6740366 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.13 252.1 Lg 02:20:32.509 -0.5 T__ ___ 6740365 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
MSW2 0.14 209.8 Pg 02:20:30.560 0.1 T__ 58.8 ___ ML 0.5 6740369 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 209.8 Lg 02:20:33.285 -0.1 T__ ___ 6740370 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
HU09A 0.22 12.2 Lg 02:20:35.587 -0.3 T__ ___ 6740373 FDSN ZJ 00 BUD iLoc HHE ??? _

```

HU08A 0.26 271.6 Lg 02:20:37.418 0.1 T\_\_ --- 6740374 FDSN ZJ 00 BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/16	07:12:25.18	0.86	1.16	47.6944	18.4928	4.4	2.9	121	0.0f	20	13	99		0.09	1.48	sx	BUD	17001786	BUD			129

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	7 BUD	17001786

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	233.2	Pg	07:12:27.951	0.4					T__		3018.8		_c	ML	2.0	6741526	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	233.2	Lg	07:12:29.147	-0.8					T__				---		6741525	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
SR0	0.17	314.6	Pg	07:12:29.721	0.7					T__		5873.7		---	ML	2.5	6741527	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.17	314.6	Lg	07:12:32.464	-0.0					T__				---		6741535	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.5 magdef=1)																					
				(Station ML: 2.5 magdef=0)																					
MSW1	0.34	207.8	Pg	07:12:32.943	0.5					T__		328.8		---	ML	1.8	6741536	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU10A	0.39	66.8	Lg	07:12:39.602	-0.4					T__				---		6741523	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW3	0.40	218.7	Pg	07:12:34.093	0.6					T__		126.1		---	ML	1.5	6741537	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.40	218.7	Lg	07:12:39.844	-0.6					T__				---		6741538	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
MSW2	0.44	206.1	Pg	07:12:34.812	0.6					T__		79.3		---	ML	1.4	6741540	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.44	206.1	Lg	07:12:41.665	-0.2					T__				---		6741539	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU08A	0.47	235.9	Lg	07:12:41.322	-1.3					T__				---		6741528	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.83	15.9	Pg	07:12:44.062	1.9					T__		14.8		---	ML	1.1	6741521	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.83	15.9	Lg	07:12:53.187	-1.2					T__				---		6741530	FDSN	SK	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
MPLH	0.83	231.3	Lg	07:12:55.292	1.0					T__				---		6741529	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.97	76.1	Pn	07:12:44.370	-0.8					T__		43.9		---	ML	1.7	6741522	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.97	76.1	Lg	07:12:58.281	-2.1					T__				---		6741524	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
MODS	1.06	310.2	Pn	07:12:46.394	-0.2					T__				---		6741532	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.06	310.2	Lg	07:13:00.746	-2.2					T__				---		6741531	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JAVC	1.29	335.1	Sn	07:13:09.644	-0.0					T__				---		6741533	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
MORH	1.48	176.0	Sn	07:13:11.462	-1.5					T__				---		6741534	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/16	08:09:20.70	0.87	0.44	48.8171	16.1917	6.2	3.4	112	0.0f	17	10	101		0.28	1.63	sx	BUD	17001790	BUD			172

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	8 BUD	17001790

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.28	28.6	Pg	08:09:26.626	0.4					T__		165.8		---	ML	1.3	6741706	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.28	28.6	Lg	08:09:30.102	-0.4					T__				---		6741710	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VRAC	0.56	28.1	Pg	08:09:31.668	0.3					T__		12.9		---	ML	0.9	6741708	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.56	28.1	Lg	08:09:39.386	-0.2					T__				---		6741707	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
TREC	0.67	316.2	Pg	08:09:33.378	0.0					T__		98.5		---	ML	1.9	6741712	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	0.67	316.2	Lg	08:09:41.917	-0.5					T__				---		6741711	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
CONA	0.92	194.0	Pg	08:09:38.492	-0.3					T__		41.7		---	ML	1.6	6741715	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.92	194.0	Lg	08:09:50.803	0.1					T__				---		6741716	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
A013A	0.92	215.0	Pg	08:09:38.343	-0.1					T__		61.0		---	ML	1.8	6741714	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.92	215.0	Lg	08:09:50.356	0.1					T__				---		6741713	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JAVC	0.98	87.0	Pg	08:09:40.209	-0.3					T__		45.4		---	ML	1.7	6741709	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
RONA	1.12	176.4	Pg	08:09:42.512	-0.3					T__		33.8		---	ML	1.7	6741703	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.12	176.4	Lg	08:09:57.641	0.2					T__				---		6741702	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MORC	1.31	42.1	Lg	08:10:03.164	0.1					T__				---		6741718	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
A018A	1.31	215.1	Pn	08:09:45.144	-0.8					T__		32.8		---	ML	1.7	6741717	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	1.31	215.1	Lg	08:10:03.091	0.7					T__				---		6741704	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ARSA	1.63	196.2	Lg	08:10:13.107	0.6					T__				---		6741705	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/16	09:43:37.49	3.83	0.31	46.7830	22.7778	29.2	18.4	42	0.0f		6	5	231	0.05	1.50	sx	BUD	17001792	BUD			275

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.05	280.7	Pg	09:43:38.862	0.0					T__		198.3		---	ML	0.7	6741791	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.05	280.7	Lg	09:43:40.174	-0.0					T__				---		6741792	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
SIRR	0.93	236.7	Lg	09:44:09.596	-0.0					T__				---		6741795	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.39	180.0	Sn	09:44:23.777	0.3					T__				---		6741796	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.42	215.1	Sn	09:44:23.889	0.2					T__				---		6741793	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.50	152.3	Sn	09:44:26.371	-0.4					T__				---		6741794	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/16	09:53:37.37	2.19	0.86	48.5402	20.8050	20.8	6.4	12	0.0f		9	5	221	0.18	1.31	sx	BUD	17001794	BUD			316

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	17001794

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	256.0	Pg	09:53:41.479	0.3					T__		165.1		___	ML	1.0	6741865	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	256.0	Lg	09:53:44.065	-0.2					T__				---		6741867	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
KECS	0.22	255.1	Pg	09:53:41.942	-0.0					T__		210.1		___	ML	1.2	6741866	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	255.1	Lg	09:53:45.193	-0.4					T__				---		6741868	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
ABAH	0.38	130.0	Lg	09:53:51.630	-0.2					T__				---		6741869	FDSN	HU	--	BUD	iLoc	HHE	???	_	
PSZ	0.87	224.7	Pn	09:53:55.699	-0.2					T__		39.4		---	ML	1.6	6741870	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	224.7	Lg	09:54:09.059	0.2					T__				---		6741871	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
VYHS	1.31	268.7	Pn	09:54:02.600	0.6					T__		11.9		---	ML	1.3	6741873	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	268.7	Sn	09:54:19.675	-1.9					T__				---		6741872	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/17	08:05:09.66	1.02	1.25	46.2050	18.2801	8.5	3.6	153	0.0f		6	4	139	0.17	0.60	kx	BUD	17001798	BUD			270
2021/07/17	08:05:09.72	0.98	1.14	46.1765	18.2926f				0.0f		6	4	155	0.16	0.60	kx	BUD_GT	17001799	BUD_GT			275

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

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	08:05:14.172	0.6					T__		394.6		___	ML	1.3	6742831	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:05:16.239	-0.4					T__				---		6742830	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
MORH	0.25	80.9	Pg	08:05:16.024	0.8					T__		97.9		___	ML	1.0	6742828	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:05:19.004	-0.6					T__				---		6742832	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
A266A	0.35	356.8	Lg	08:05:21.594	-1.5					T__				---		6742833	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU22A	0.60	75.1	Lg	08:05:30.639	-1.6					T__				---		6742829	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/17	10:43:17.34	0.91	0.91	47.5936	16.3766	5.7	3.2	152	0.0f		16	12	119	0.15	1.47	sx	BUD	17001800	BUD			138

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.4	4 BUD	17001800

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.15	53.8	Pg	10:43:21.516	0.8					T__		72.2		---	ML	0.6	6742872	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.15	53.8	Lg	10:43:23.948	0.7					T__				---		6742873	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
A011B	0.34	237.0	Pg	10:43:24.152	0.1					T__		51.5		---	ML	1.0	6742881	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.34	237.0	Lg	10:43:28.165	-0.3					T__				---		6742880	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CONA	0.48	314.1	Lg	10:43:32.974	-0.5					T__				---		6742867	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.67	239.7	Pg	10:43:30.199	-0.2					T__		46.1		---	ML	1.5	6742869	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.67	239.7	Lg	10:43:39.564	0.7					T__				---		6742868	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A013A	0.81	306.1	Lg	10:43:43.749	0.4					T__				---		6742870	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A019A	0.89	260.9	Pg	10:43:34.393	-0.3					T__		26.7		---	ML	1.4	6742871	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A019A	0.89	260.9	Lg	10:43:46.190	0.2					T__				---		6742874	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A018A	0.89	280.2	Lg	10:43:46.060	0.3					T__				---		6742875	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.90	117.8	Lg	10:43:47.627	-0.9					T__				---		6742877	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A008A	0.92	328.2	Lg	10:43:47.053	-0.4					T__				---		6742876	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	0.99	37.5	Lg	10:43:50.515	-2.1					T__				---		6742878	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU08A	1.06	98.2	Sn	10:43:52.651	-1.7					T__				---		6742879	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KRUC	1.47	0.5	Sn	10:44:04.507	0.0					T__				---		6742866	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/19	08:54:38.79	0.90	1.26	48.2949	18.5382	5.1	3.9	111	0.0f	15	11	85	0.28	1.35	sx	BUD	17001802	BUD				108

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	17001802

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.28	44.8	Pg	08:54:45.400	0.7					T__		175.8		---	ML	1.3	6748365	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.28	44.8	Lg	08:54:48.633	-0.5					T__				---		6748370	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A338A	0.31	204.0	Lg	08:54:51.185	0.5					T__				---		6748375	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
SR0	0.50	197.5	Lg	08:54:57.586	-0.0					T__				---		6748376	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JAVC	0.81	314.7	Lg	08:55:06.054	-1.8					T__				---		6748371	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MODS	0.85	275.8	Lg	08:55:08.186	-0.8					T__				---		6748377	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A331A	0.88	346.3	Lg	08:55:08.468	0.2					T__				---		6748372	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU08A	0.96	205.8	Lg	08:55:11.511	-1.2					T__				---		6748373	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.98	112.0	Pn	08:54:59.410	0.3					T__		41.1		---	ML	1.7	6748366	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.98	112.0	Lg	08:55:11.826	-2.4					T__				---		6748374	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	1.31	81.0	Pn	08:55:04.928	1.5					T__		164.2		---	ML	2.4	6748367	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.31	81.0	Sn	08:55:21.622	-1.3					T__				---		6748363	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									

HU02A	1.34	96.7	Sn	08:55:23.830	0.0					T__					6748364	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	1.35	80.7	Pn	08:55:05.013	1.1					T__	18.8		---	ML	1.5	6748369	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.35	80.7	Sn	08:55:22.674	-1.2					T__			---		6748368	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/19	09:28:19.11	3.06	0.62	48.7950	21.1638	21.1	9.1	88	0.0f		8	5	254	0.51	1.22	sx	BUD	17001804	BUD			337

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	17001804

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.51	234.4	Pg	09:28:29.677	0.3					T__		43.0		---	ML	1.4	6748445	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	234.4	Lg	09:28:36.979	-0.1					T__				---		6748447	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.55	235.5	Pg	09:28:30.329	0.2					T__		131.0		---	ML	1.9	6748446	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.55	235.5	Lg	09:28:38.310	-0.0					T__				---		6748448	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.80	212.5	Pg	09:28:35.671	0.1					T__		32.9		---	ML	1.5	6748451	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.80	212.5	Lg	09:28:46.683	-1.2					T__				---		6748450	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	0.84	318.0	Lg	09:28:46.479	-0.6					T__				---		6748449	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	1.22	224.5	Sn	09:29:00.987	-0.3					T__				---		6748452	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/19	10:00:50.29	1.02	0.87	48.1815	17.0128	6.8	4.3	164	0.0f		10	6	151	0.06	1.37	sx	BUD	17001806	BUD			185

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.06	76.3	Pg	10:00:52.707	0.5					T__				---		6748495	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.06	76.3	Lg	10:00:53.499	-0.5					T__				---		6748494	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.26	42.5	Pg	10:00:56.568	0.4					T__				---		6748500	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.26	42.5	Lg	10:01:00.419	-0.4					T__				---		6748493	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.81	32.6	Lg	10:01:18.052	-1.4					T__				---		6748501	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	0.81	252.3	Lg	10:01:16.369	-0.7					T__				---		6748496	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	0.97	335.3	Pg	10:01:09.654	0.7					T__		26.0		---	ML	1.5	6748502	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.97	335.3	Lg	10:01:23.299	-0.0					T__				---		6748497	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ARSA	1.37	227.7	Pn	10:01:15.082	-1.2					T__		28.9		---	ML	1.7	6748499	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.37	227.7	Lg	10:01:33.496	-0.4					T__				---		6748498	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/20	06:13:03.49	0.98	1.01	47.3778	18.4155	5.0	3.4	137	0.0f	15	12	75	0.11	1.31	sx	BUD	17001810	BUD				111

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	5 BUD	17001810

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.11	262.1	Pg	06:13:06.690	0.4					T__		951.5		___	ML	1.6	6750317	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	262.1	Lg	06:13:08.091	-0.8					T__				---		6750318	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
MSW1	0.11	278.1	Pg	06:13:07.041	0.8					T__		545.2		___	ML	1.3	6750329	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.11	278.1	Lg	06:13:08.433	-0.5					T__				---		6750328	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
MSW2	0.16	241.6	Pg	06:13:08.245	1.0					T__		148.3		___	ML	0.9	6750330	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
MSW3	0.20	271.6	Pg	06:13:08.528	0.6					T__		95.5		___	ML	0.8	6750331	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
HU09A	0.26	355.1	Pg	06:13:10.355	1.1					T__		225.6		___	ML	1.4	6750326	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.26	355.1	Lg	06:13:13.510	-0.7					T__				---		6750319	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU08A	0.34	279.3	Lg	06:13:15.514	-1.2					T__				---		6750320	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A271A	0.36	127.9	Lg	06:13:16.786	-0.9					T__				---		6750321	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU10A	0.62	40.9	Lg	06:13:25.353	-1.3					T__				---		6750322	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	1.14	61.0	Sn	06:13:42.504	-1.0					T__				---		6750323	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VVHS	1.15	14.1	Lg	06:13:42.356	-1.3					T__				---		6750327	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MORH	1.17	172.2	Sn	06:13:42.760	-0.8					T__				---		6750324	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.31	189.7	Sn	06:13:46.799	-0.1					T__				---		6750325	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/20	07:13:08.31	1.92	1.21	48.0339	20.7011	11.8	6.2	151	0.0f	8	5	204	0.15	0.55	kx	BUD	17001812	BUD				271
2021/07/20	07:13:09.01	0.97	1.12	48.0750	20.6990f				0.0f	8	5	195	0.13	0.56	kx	BUD_GT	17001813	BUD_GT				268

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD_GT	17001813

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	292.1	Pg	07:13:12.551	0.4					T__		826.1		___	ML	1.6	6750380	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:13:14.042	-0.9					T__				---		6750384	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
ABAH	0.42	58.4	Lg	07:13:23.910	-1.3					T__				---		6750381	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.43	340.8	Pg	07:13:18.683	0.8					T__		128.3		___	ML	1.6	6750385	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	340.8	Lg	07:13:24.278	-0.3					T__				---		6750382	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

JOS	0.43	345.9	Pg	07:13:18.821	1.0	T__	61.9	___	ML	1.3	6750386	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:13:24.507	-0.1	T__		---			6750387	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.3 magdef=1)																		
	(Station ML: 1.3 magdef=1)																		
PSZ	0.56	254.1	Lg	07:13:27.996	-2.1	T__		---			6750383	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/20	07:35:16.12	0.82	1.22	48.7114	18.6810	5.7	2.8	52	0.0f		18	9	133	0.24	1.30	sx	BUD	17001814	BUD			134

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	9 BUD	17001814

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.24	154.6	Pg	07:35:21.846	0.6					T__		190.3		___	ML	1.2	6750474	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.24	154.6	Lg	07:35:25.517	0.5					T__				---		6750475	FDSN	SK	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.2 magdef=1)																								
	(Station ML: 1.2 magdef=0)																								
A331A	0.53	325.5	Pg	07:35:27.792	1.1					T__		127.6		___	ML	1.9	6750464	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.53	325.5	Lg	07:35:32.858	-1.3					T__				---		6750476	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=1)																								
JAVC	0.68	282.9	Pg	07:35:30.081	-0.1					T__		103.5		___	ML	1.9	6750478	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.68	282.9	Lg	07:35:38.834	-2.1					T__				---		6750477	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=1)																								
SRD	0.93	195.4	Pg	07:35:35.399	0.7					T__		673.2		___	ML	2.8	6750479	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRD	0.93	195.4	Lg	07:35:49.952	0.3					T__				---		6750465	FDSN	SK	--	BUD	iLoc	EHN	???	_	
	(Reading ML: 2.8 magdef=1)																								
	(Station ML: 2.8 magdef=0)																								
HU03A	1.01	142.5	Pn	07:35:36.528	-0.1					T__		98.4		___	ML	2.1	6750480	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.01	142.5	Lg	07:35:50.801	-1.1					T__				---		6750468	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 2.1 magdef=1)																								
	(Station ML: 2.1 magdef=1)																								
PSZ	1.13	134.0	Pn	07:35:38.872	0.3					T__		54.4		___	ML	1.9	6750470	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.13	134.0	Lg	07:35:54.410	-2.1					T__				---		6750469	FDSN	GE	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=1)																								
KECS	1.22	100.1	Pn	07:35:40.367	0.8					T__		127.4		___	ML	2.3	6750463	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.22	100.1	Lg	07:35:55.599	-2.0					T__				---		6750471	FDSN	SK	--	BUD	iLoc	EHN	???	_	
	(Reading ML: 2.3 magdef=1)																								
	(Station ML: 2.3 magdef=1)																								
JOS	1.25	99.2	Pn	07:35:40.825	0.8					T__		37.3		___	ML	1.8	6750473	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.25	99.2	Lg	07:35:57.297	-1.2					T__				---		6750472	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=1)																								
MORC	1.30	325.5	Pg	07:35:41.292	1.0					T__		50.6		___	ML	1.9	6750467	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.30	325.5	Lg	07:35:58.783	0.4					T__				---		6750466	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.9 magdef=1)																								
	(Station ML: 1.9 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/20	07:52:54.21	0.84	0.97	46.8705	17.3055	4.3	3.0	138	0.0f	25	17	67	0.13	1.44	sx	BUD	17001816	BUD				86

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	9 BUD	17001816

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.13	307.2	Pg	07:52:57.317	-0.3					T__		5016.4		___	ML	2.4	6750622	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	307.2	Lg	07:52:58.719	-1.6					T__				---		6750623	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.4 magdef=1)																					
				(Station ML: 2.4 magdef=0)																					
A263A	0.23	178.4	Pg	07:53:00.054	0.6					T__		1053.6		---	ML	2.0	6750615	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.23	178.4	Lg	07:53:02.261	-1.0					T__				---		6750621	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
MPLH	0.34	28.0	Pg	07:53:01.735	0.1					T__		124.6		---	ML	1.3	6750631	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.34	28.0	Lg	07:53:07.120	-0.2					T__				---		6750630	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=0)																					
A262A	0.53	269.6	Pg	07:53:05.478	0.4					T__		260.1		---	ML	2.2	6750613	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.53	269.6	Lg	07:53:12.270	-0.2					T__				---		6750616	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=1)																					
BEHE	0.54	222.5	Lg	07:53:12.490	-0.7					T__				---		6750612	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.75	54.7	Pg	07:53:09.908	0.4					T__		53.9		---	ML	1.7	6750632	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.75	54.7	Lg	07:53:20.774	-1.3					T__				---		6750633	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
MSW3	0.76	47.2	Pg	07:53:10.870	1.3					T__		52.1		---	ML	1.6	6750635	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.76	47.2	Lg	07:53:21.159	-0.9					T__				---		6750634	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
A267A	0.81	84.2	Lg	07:53:22.761	-0.8					T__				---		6750618	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CSKK	0.82	52.6	Lg	07:53:23.834	-0.5					T__				---		6750619	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW1	0.83	50.9	Pg	07:53:12.408	1.3					T__		138.0		---	ML	2.1	6750636	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
KOGS	0.84	240.2	Pg	07:53:11.047	0.2					T__		75.9		---	ML	1.8	6750624	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.84	240.2	Lg	07:53:22.487	0.6					T__				---		6750617	FDSN	SL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
KOVH	0.96	144.7	Pg	07:53:14.238	0.7					T__		38.2		---	ML	1.6	6750625	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.96	144.7	Lg	07:53:26.833	0.2					T__				---		6750620	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
AO11B	1.07	300.8	Lg	07:53:29.032	0.5					T__				---		6750626	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
RDNA	1.08	320.7	Lg	07:53:29.999	0.0					T__				---		6750627	FDSN	OE	--	BUD	iLoc	HHE	???	_	
MORH	1.13	124.9	Sn	07:53:30.531	-2.3					T__				---		6750628	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PTJ	1.34	224.3	Sn	07:53:37.111	-1.4					T__				---		6750614	FDSN	CR	--	BUD	iLoc	BHN	???	_	
CONA	1.44	317.7	Sn	07:53:41.167	0.4					T__				---		6750629	FDSN	OE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2021/07/20 08:50:24.69 1.55 1.14 47.9960 20.3327 16.0 6.2 147 0.0f 5 3 209 0.18 0.52 kx BUD 17001818 BUD 329
2021/07/20 08:50:24.51 1.03 0.94 47.9767 20.3679f 0.0f 5 3 223 0.18 0.53 kx BUD_GT 17001819 BUD_GT 336
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

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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 0.18 35.8 Pg 08:50:29.382 0.6 T__ 85.7 ___ ML 0.7 6750711 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 08:50:31.420 -0.9 T__ ___ 6750712 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
Station ML: 0.7 magdef=1
PSZ 0.32 259.8 Lg 08:50:36.337 -1.1 T__ ___ 6750713 FDSN GE -- BUD iLoc HHN ??? _
JOS 0.53 12.4 Pg 08:50:35.824 0.6 T__ 21.9 ___ ML 1.1 6750715 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 08:50:42.579 -0.9 T__ ___ 6750714 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
Station ML: 1.1 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/20 09:27:48.89 1.53 0.62 48.4935 20.8020 11.8 5.9 21 0.0f 8 5 213 0.17 0.84 sx BUD 17001820 BUD 295

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Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 3 BUD 17001820

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 270.9 Pg 09:27:52.795 0.2 T__ 509.8 ___ ML 1.5 6750741 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 270.9 Lg 09:27:55.300 -0.2 T__ ___ 6750740 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
Station ML: 1.5 magdef=1
KECS 0.21 267.3 Pg 09:27:53.597 0.3 T__ 1553.0 ___ ML 2.1 6750747 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 267.3 Lg 09:27:56.505 -0.3 T__ ___ 6750742 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
Station ML: 2.1 magdef=1
ABAH 0.35 123.9 Lg 09:28:02.115 -0.4 T__ ___ 6750743 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.42 206.6 Lg 09:28:05.174 0.6 T__ ___ 6750744 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.84 226.9 Pn 09:28:06.510 -0.5 T__ 37.1 ___ ML 1.5 6750746 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.84 226.9 Lg 09:28:18.184 -1.0 T__ ___ 6750745 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
Station ML: 1.5 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/20 09:59:37.62 1.05 1.19 46.1237 18.2894 14.4 3.5 165 0.0f 6 4 184 0.14 0.62 kx BUD 17001822 BUD 241
2021/07/20 09:59:37.70 0.99 1.04 46.1765 18.2926f 0.0f 6 4 155 0.16 0.60 kx BUD_GT 17001823 BUD_GT 225
(locality : Komló Hungary)
(GT info : GT2 explosion)

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 09:59:41.543 -0.0 T__ 361.1 ___ ML 1.3 6750876 FDSN HU -- BUD iLoc HHZ HHZ _

```

KOVH	0.16	236.7	Lg	09:59:42.774	-1.9	T__								6750877	FDSN	HU	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
MORH	0.25	80.9	Pg	09:59:44.048	0.9	T__							89.6	ML	0.9	6750878	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:59:47.547	-0.1	T__										6750875	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
A265A	0.42	305.9	Lg	09:59:53.812	0.6	T__										6750879	FDSN	Z3	00	BUD	iLoc	HNN	???	_
HU22A	0.60	75.1	Lg	09:59:59.331	-0.9	T__										6750880	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
2021/07/20	10:48:47.19	1.29	1.61	48.7134	21.5348	7.7	5.7	26	0.0f		13	7	179	0.46	1.35	sx	BUD	17001824	BUD			253

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	7 BUD	17001824

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.46	205.3	Pg	10:48:57.446	0.9					T__		67.2			ML	1.4	6750939	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.46	205.3	Lg	10:49:04.386	-0.1					T__						6750946	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
JOS	0.70	252.1	Pg	10:49:01.148	0.1					T__		56.2			ML	1.6	6750944	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.70	252.1	Lg	10:49:11.073	-0.4					T__						6750940	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.73	252.1	Pg	10:49:01.973	0.2					T__		162.1			ML	2.1	6750945	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.73	252.1	Lg	10:49:12.044	-0.7					T__						6750941	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
TRPA	0.89	130.7	Pg	10:49:04.661	0.2					T__		66.6			ML	1.8	6750947	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	130.7	Lg	10:49:15.297	-3.6					T__						6750948	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.90	229.0	Pg	10:49:05.777	0.2					T__		42.1			ML	1.6	6750943	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	229.0	Lg	10:49:16.645	-2.7					T__						6750942	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	1.08	311.4	Pg	10:49:07.916	0.4					T__		28.4			ML	1.6	6750949	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.35	234.6	Pn	10:49:14.105	1.6					T__		33.1			ML	1.8	6750950	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.35	234.6	Sn	10:49:33.864	1.2					T__						6750951	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/20	11:14:50.46	1.10	0.88	47.8552	16.0563	12.9	3.7	39	0.0f		7	5	123	0.15	1.23	sx	BUD	17001826	BUD			194

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	299.2	Pg	11:14:54.000	0.3					T__		128.0		---	ML	0.8	6750983	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	299.2	Lg	11:14:55.528	-0.5					T__				---		6750984	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.22	133.8	Pg	11:14:55.698	0.5					T__		43.8		---	ML	0.6	6750982	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.22	133.8	Lg	11:14:58.075	-0.5					T__				---		6750985	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
A011B	0.45	188.4	Lg	11:15:05.037	-0.2					T__				---		6750986	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A260A	0.72	142.2	Lg	11:15:14.037	-0.8					T__				---		6750987	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.23	10.5	Sn	11:15:30.339	-1.3					T__				---		6750988	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/20	17:15:30.59	0.90	0.72	47.7771	16.1742	4.4	3.2	25	11.2	7.8	20	11	79	0.11	1.62		ke BUD	17001838	BUD			99

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.5	8 BUD	17001838

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	133.2	Pg	17:15:34.025	0.2					T__		274.9		---	ML	1.1	6751292	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	133.2	Lg	17:15:35.432	-0.8					T__				---		6751293	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.26	305.8	Pg	17:15:36.588	0.3					T__		89.8		---	ML	1.0	6751299	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	305.8	Lg	17:15:39.566	-0.7					T__				---		6751298	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SOP	0.28	109.8	Pg	17:15:37.002	0.5					T__		72.1		---	ML	0.9	6751294	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	109.8	Lg	17:15:40.778	0.1					T__				---		6751287	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
A011B	0.40	201.7	Pg	17:15:38.651	-0.1					T__		131.5		---	ML	1.5	6751286	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.40	201.7	Lg	17:15:43.911	-0.1					T__				---		6751300	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A013A	0.59	299.3	Pg	17:15:42.535	0.4					T__		201.9		---	ML	2.1	6751303	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.59	299.3	Lg	17:15:50.320	0.4					T__				---		6751304	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
ARSA	0.69	220.2	Lg	17:15:52.253	-0.5					T__				---		6751301	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A008A	0.69	329.6	Pg	17:15:44.067	0.2					T__		177.9		---	ML	2.1	6751296	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.69	329.6	Lg	17:15:52.948	-0.4					T__				---		6751295	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MODS	0.95	50.7	Pg	17:15:49.857	0.2					T__				---		6751302	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.95	50.7	Lg	17:16:02.532	-1.2					T__				---		6751288	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.29	6.4	Pn	17:15:54.752	0.8					T__		29.8		---	ML	1.7	6751305	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.29	6.4	Sn	17:16:12.171	0.9					T__				---		6751297	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VRAC	1.56	10.1	Pn	17:15:58.432	0.8					T__		6.9		---	ML	1.2	6751291	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

VRAC	1.56	10.1	Sn	17:16:18.724	1.0	T__	---	6751290	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																
(Station ML: 1.2 magdef=1)																
CKRC	1.62	310.7	Sn	17:16:20.979	1.3	T__	---	6751289	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/20	18:36:11.32	0.90	0.81	47.5703	16.3605	4.0	3.7	147	0.0f	15	10	98	0.14	1.49	sx	BUD	17001840	BUD				136

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	8 BUD	17001840

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	341.5	Pg	18:36:14.615	0.2					T__		266.8		_c	ML	1.1	6751457	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	341.5	Lg	18:36:15.785	-0.9					T__				---		6751453	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
SOP	0.18	49.7	Pg	18:36:15.720	0.5					T__		78.2		---	ML	0.7	6751452	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.18	49.7	Lg	18:36:18.190	0.2					T__				---		6751458	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
A011B	0.32	239.4	Pg	18:36:18.335	0.7					T__		37.2		---	ML	0.8	6751459	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
A260A	0.37	140.7	Pg	18:36:19.723	0.6					T__		600.7		---	ML	2.1	6751460	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
CONA	0.49	317.0	Pg	18:36:21.982	0.8					T__		39.5		---	ML	1.3	6751461	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.49	317.0	Lg	18:36:27.381	-0.4					T__				---		6751451	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ARSA	0.65	240.9	Pg	18:36:24.518	0.6					T__		26.9		---	ML	1.3	6751462	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.65	240.9	Lg	18:36:30.653	-1.5					T__				---		6751463	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
EGYH	0.68	102.7	Lg	18:36:34.098	-1.3					T__				---		6751454	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A013A	0.81	307.9	Pg	18:36:27.682	0.7					T__		44.6		---	ML	1.6	6751464	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MODS	1.01	37.1	Pg	18:36:32.295	0.4					T__				---		6751465	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KRUC	1.49	0.9	Pn	18:36:38.674	-0.2					T__		27.0		---	ML	1.8	6751456	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.49	0.9	Sn	18:36:58.796	-0.2					T__				---		6751455	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/21	00:35:49.25	0.79	0.80	48.2436	16.7492	3.3	2.9	179	11.0f	25	13	75	0.16	1.29	ke	BUD	17001850	BUD				106

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	10 BUD	17001850

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A002B	0.16	319.1	Pg	00:35:53.089	0.1					T__		565.1		---	ML	1.5	6753999	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A002B	0.16	319.1	Lg	00:35:54.755	-1.2					T__				---		6754000	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ZST	0.24	101.2	Pg	00:35:55.245	0.6					T__				---		6753982	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.24	101.2	Lg	00:35:58.216	-0.6					T__				---		6753983	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.38	69.6	Pg	00:35:57.028	-0.2					T__				---		6753981	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.38	69.6	Lg	00:36:02.617	-0.8					T__				---		6754001	FDSN	SK	--	BUD	iLoc	HHN	???	_	
SOP	0.58	193.0	Pg	00:36:00.933	0.1					T__		39.6		---	ML	1.4	6753984	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.58	193.0	Lg	00:36:08.813	0.1					T__				---		6754002	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
RONA	0.62	209.4	Pg	00:36:01.273	-0.6					T__		27.9		---	ML	1.3	6753986	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.62	209.4	Lg	00:36:10.273	0.0					T__				---		6753987	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
CONA	0.67	242.4	Pg	00:36:02.292	-0.5					T__		39.1		---	ML	1.5	6753989	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.67	242.4	Lg	00:36:11.833	0.1					T__				---		6754003	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A008A	0.74	280.1	Pg	00:36:03.481	-0.1					T__		51.1		---	ML	1.6	6753990	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.74	280.1	Lg	00:36:13.738	-0.1					T__				---		6753993	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KRUC	0.85	344.1	Pg	00:36:06.367	0.8					T__		42.2		---	ML	1.6	6753985	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.85	344.1	Lg	00:36:17.805	-0.2					T__				---		6753994	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
EGYH	0.92	154.4	Pn	00:36:07.563	0.4					T__		66.0		---	ML	1.8	6754005	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.92	154.4	Lg	00:36:20.059	-0.2					T__				---		6754004	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
A013A	0.92	259.2	Pg	00:36:06.537	-0.5					T__		112.1		---	ML	2.1	6753991	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.92	259.2	Lg	00:36:19.474	0.5					T__				---		6753995	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
VRAC	1.07	354.5	Pn	00:36:09.764	0.3					T__		11.1		---	ML	1.1	6753988	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.07	354.5	Sn	00:36:25.106	0.3					T__				---		6753996	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
MPLH	1.20	153.3	Sn	00:36:29.695	2.1					T__				---		6753997	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.29	220.2	Pn	00:36:14.518	1.8					T__		29.2		---	ML	1.7	6753992	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.29	220.2	Sn	00:36:30.946	1.3					T__				---		6753998	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/07/21	05:51:15.25	0.93	1.23	47.3431	18.4067	4.1	3.4	134	0.0f		19	14	111	0.10	1.63	kx	BUD	17001852	BUD			112	
2021/07/21	05:51:15.77	0.87	1.84	47.3167	18.3081f				0.0f		19	14	101	0.06	1.70	kx	BUD_GT	17001853	BUD_GT			107	
(locality : Magyaralmás Hungary)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 5 BUD\_GT 17001853

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	05:51:18.884	1.3					T__		1693.1		---	ML	1.7	6754079	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	05:51:19.695	0.2					T__				---		6754078	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MSW2	0.07	257.7	Pg	05:51:19.015	1.2					T__		1425.6		---	ML	1.6	6754093	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	257.7	Lg	05:51:20.176	0.3					T__				---		6754092	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MSW1	0.08	336.4	Pg	05:51:19.386	1.3					T__		1651.6		---	ML	1.7	6754090	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	336.4	Lg	05:51:20.225	-0.2					T__				---		6754091	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MSW3	0.14	298.3	Pg	05:51:20.743	1.6					T__		496.5		---	ML	1.4	6754094	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.14	298.3	Lg	05:51:22.718	0.4					T__				---		6754095	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU08A	0.29	293.8	Lg	05:51:27.473	0.3					T__				---		6754081	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.33	8.9	Lg	05:51:25.922	-2.8					T__				---		6754080	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.39	162.2	Lg	05:51:30.494	-0.2					T__				---		6754082	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.54	254.6	Lg	05:51:36.722	1.2					T__				---		6754083	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.71	42.0	Pg	05:51:29.645	-1.0					T__		72.8		---	ML	1.8	6754085	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.71	42.0	Lg	05:51:37.518	-4.7					T__				---		6754084	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MORH	1.13	168.1	Lg	05:51:53.765	-0.7					T__				---		6754087	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.23	16.6	Sn	05:51:54.712	-3.4					T__				---		6754077	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.23	60.1	Sn	05:51:55.214	-2.9					T__				---		6754086	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOVH	1.24	186.7	Lg	05:51:58.067	-0.5					T__				---		6754088	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	1.70	60.9	Sn	05:52:08.927	-0.2					T__				---		6754089	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/21	07:26:52.13	1.17	0.92	46.1172	22.8478	9.1	6.1	89	0.0f		8	6	129	0.24	1.00	sx	BUD	17001854	BUD			178

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.24	170.6	Pg	07:26:57.117	0.5					T__		574.1		---	ML	1.7	6754226	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.24	170.6	Lg	07:26:58.970	-1.0					T__				---		6754227	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.68	352.1	Lg	07:27:16.189	-0.8					T__				---		6754229	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.73	184.0	Pg	07:27:06.726	0.7					T__		47.5		---	ML	1.6	6754225	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.73	184.0	Lg	07:27:15.525	-0.8					T__				---		6754228	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CJR	0.79	40.8	Lg	07:27:19.433	-0.6					T__				---		6754230	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.84	280.7	Lg	07:27:21.326	-0.1					T__				---		6754231	FDSN	RO	--	BUD	iLoc	HHN	???	_	

BZS 1.00 240.2 Lg 07:27:24.583 -0.9 T\_\_ --- 6754232 FDSN RO -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/21	07:50:41.06	0.93	0.93	46.8639	17.3225	4.4	4.0	56	0.0f	18	14	125		0.15	1.46	kx	BUD	17001856	BUD			161
2021/07/21	07:50:40.59	0.87	1.04	46.8548	17.2699f				0.0f	18	14	147		0.13	1.44	kx	BUD_GT	17001857	BUD_GT			175

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

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 4 BUD\_GT 17001857

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.13	319.5	Pg	07:50:45.105	1.3					T__		12976.7		---	ML	2.8	6754358	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	319.5	Lg	07:50:46.363	-0.1					T__				---		6754359	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1 Station ML: 2.8 magdef=1)																									
A263A	0.22	171.8	Lg	07:50:49.035	-0.2					T__				---		6754350	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.37	30.2	Lg	07:50:53.577	-1.0					T__				---		6754351	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.56	4.3	Lg	07:51:00.662	-0.5					T__				---		6754352	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.73	37.5	Lg	07:51:05.930	-1.3					T__				---		6754353	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW2	0.78	54.8	Pn	07:50:57.921	0.1					T__		92.1		---	ML	1.9	6754360	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.78	54.8	Lg	07:51:07.795	-1.6					T__				---		6754361	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
MSW3	0.79	47.6	Pg	07:50:56.687	0.2					T__		102.8		---	ML	2.0	6754363	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.79	47.6	Lg	07:51:08.174	-1.3					T__				---		6754362	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
CSKK	0.85	52.7	Lg	07:51:09.788	-1.9					T__				---		6754364	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW1	0.86	51.1	Lg	07:51:10.453	-1.8					T__				---		6754365	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	0.96	142.9	Pg	07:51:00.480	0.5					T__		41.2		---	ML	1.6	6754355	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.96	142.9	Lg	07:51:13.015	-0.5					T__				---		6754354	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
RONA	1.07	322.3	Sn	07:51:18.332	0.4					T__				---		6754367	FDSN	OE	--	BUD	iLoc	HHE	???	_	
HU09A	1.09	43.6	Sn	07:51:17.858	-0.8					T__				---		6754366	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	1.14	123.5	Sn	07:51:19.192	-0.3					T__				---		6754356	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	1.44	318.8	Lg	07:51:28.297	0.8					T__				---		6754357	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/21	08:50:34.25	0.85	0.87	48.9670	18.3170	4.2	3.4	45	0.0f	21	13	89		0.19	1.69	sx	BUD	17001858	BUD			125

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 7 BUD 17001858

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A331A	0.19	341.0	Pg	08:50:37.667	-0.6					T__		488.4		---	ML	1.5	6754452	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.19	341.0	Lg	08:50:40.300	-0.8					T__				---		6754456	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

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

JAVC	0.44	256.0	Pg	08:50:44.459	0.9	T__	102.3	---	ML	1.5	6754453	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.44	256.0	Lg	08:50:50.334	-0.3	T__		---			6754457	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
VYHS	0.59	143.8	Pg	08:50:46.475	0.3	T__	16.8	---	ML	1.1	6754459	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.59	143.8	Lg	08:50:54.657	-0.0	T__		---			6754458	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=0)																			
MODS	0.91	229.6	Pg	08:50:52.804	0.2	T__		---			6754461	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.91	229.6	Lg	08:51:05.926	-0.5	T__		---			6754460	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORC	0.96	328.3	Pg	08:50:52.178	0.1	T__	38.0	---	ML	1.6	6754455	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	0.96	328.3	Lg	08:51:05.763	0.4	T__		---			6754454	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
ZST	1.12	226.7	Lg	08:51:12.255	-0.7	T__		---			6754462	FDSN	SK	--	BUD	iLoc	HHN	???	_
VRAC	1.18	287.4	Pg	08:50:57.314	0.8	T__	9.2	---	ML	1.1	6754464	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.18	287.4	Lg	08:51:13.799	0.1	T__		---			6754463	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
KRUC	1.27	275.0	Pg	08:50:58.468	0.0	T__	27.2	---	ML	1.6	6754465	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.27	275.0	Lg	08:51:16.117	-0.8	T__		---			6754466	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
NIE	1.38	70.1	Lg	08:51:18.730	-0.5	T__		---			6754451	FDSN	PL	--	BUD	iLoc	BHN	???	_
PSZ	1.48	134.4	Sn	08:51:24.288	0.9	T__		---			6754450	FDSN	GE	--	BUD	iLoc	HHN	???	_
KECS	1.52	107.8	Sn	08:51:21.887	-1.8	T__		---			6754467	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	1.55	106.9	Pn	08:51:03.293	1.0	T__	20.0	---	ML	1.7	6754447	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.55	106.9	Sn	08:51:23.361	-1.1	T__		---			6754448	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
HU02A	1.69	119.1	Sn	08:51:29.845	1.6	T__		---			6754449	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/21	10:40:57.20	1.27	0.70	48.4929	20.7776	11.3	3.6	15	0.0f		8	5	211	0.16	0.82	sx	BUD	17001862	BUD			293

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	17001862

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	271.1	Pg	10:41:00.823	0.2					T__		367.1		---	ML	1.3	6754556	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	271.1	Lg	10:41:03.064	-0.2					T__				---		6754559	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.19	267.2	Pg	10:41:01.457	0.1					T__	842.5			---	ML	1.8	6754561	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	267.2	Lg	10:41:04.313	-0.2					T__				---		6754560	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.37	122.4	Pg	10:41:05.233	0.4					T__	85.3			---	ML	1.2	6754558	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	122.4	Lg	10:41:09.931	-1.3					T__				---		6754557	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.41	204.5	Lg	10:41:12.884	0.2					T__				---		6754562	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

PSZ	0.82	226.1	Lg	10:41:26.543	-0.5					T__					6754563	FDSN	GE	--	BUD	iLoc	HHN	???	_		
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/07/21	22:38:58.12	0.91	0.72	48.2427	16.7634	5.1	3.7	153	11.0f	10	6	108	0.23	1.07	ke	BUD	17001868	BUD				157			
Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.23	101.5	Pg	22:39:04.262	0.9					T__						6755798	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.23	101.5	Lg	22:39:07.050	-0.3					T__						6755799	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.37	68.9	Pg	22:39:05.917	-0.0					T__						6755804	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.37	68.9	Lg	22:39:10.738	-1.2					T__						6755803	FDSN	SK	--	BUD	iLoc	HHE	???	_	
RONA	0.63	210.2	Pg	22:39:10.932	0.1					T__		71.6		---	ML	1.7	6755800	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.63	210.2	Lg	22:39:18.438	-0.8					T__						6755805	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KRUC	0.86	343.6	Pg	22:39:15.206	0.7					T__		50.6		---	ML	1.7	6755801	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.86	343.6	Lg	22:39:26.906	-0.1					T__						6755806	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A013A	0.93	259.3	Lg	22:39:28.000	-0.1					T__						6755802	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
VRAC	1.07	354.0	Sn	22:39:33.785	0.1					T__						6755807	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/07/22	06:59:30.05	0.91	0.66	48.4004	19.5349	5.0	3.5	12	0.0f	13	8	104	0.47	1.35	sx	BUD	17001870	BUD				166			
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.4	0.2	5	BUD	17001870																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.47	281.6	Pg	06:59:40.101	0.3					T__		13.0		---	ML	0.7	6757743	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.47	281.6	Lg	06:59:46.146	-0.8					T__						6757744	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
HU03A	0.50	175.0	Lg	06:59:48.537	0.3					T__						6757745	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.54	153.3	Pg	06:59:41.899	0.2					T__		43.1		---	ML	1.4	6757741	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	153.3	Lg	06:59:50.028	-0.2					T__						6757740	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.64	82.2	Pg	06:59:43.697	0.8					T__		74.4		---	ML	1.7	6757742	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.64	82.2	Lg	06:59:52.582	0.1					T__						6757739	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
JOS	0.68	81.5	Pg	06:59:43.618	0.1					T__		46.9		---	ML	1.5	6757737	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	81.5	Lg	06:59:52.843	-0.9					T__						6757738	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.72	112.5	Pg	06:59:45.046	0.1					T__		25.5		---	ML	1.3	6757747	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	112.5	Lg	06:59:54.999	-1.2					T__						6757746	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									

(Station ML: 1.3 magdef=1  
 NIE 1.14 26.1 Lg 07:00:08.223 0.1 T\_\_ --- 6757749 FDSN PL -- BUD iLoc BHN ??? \_  
 CSKK 1.35 220.0 Sn 07:00:14.125 -0.7 T\_\_ --- 6757748 FDSN HU -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/22	07:17:55.01	2.01	1.42	48.2322	21.2292	14.3	3.8	129	0.0f	10	6	206	0.06	0.99	kx	BUD	17001872	BUD				244
2021/07/22	07:17:55.02	0.95	1.35	48.2470	21.2460f				0.0f	10	6	206	0.05	0.97	kx	BUD_GT	17001873	BUD_GT				255

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	5 BUD_GT	17001873

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	355.1	Pg	07:17:57.500	0.9					T__		11017.0		_c_	ML	2.5	6757781	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	07:17:57.669	-0.5					T__				---		6757782	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0)																									
HU02A	0.50	255.8	Pg	07:18:06.047	0.5					T__		83.1		---	ML	1.6	6757783	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	07:18:11.805	-1.9					T__				---		6757784	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																									
JOS	0.53	298.1	Pg	07:18:06.516	0.8					T__		68.4		---	ML	1.6	6757785	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
KECS	0.56	295.3	Pg	07:18:07.193	0.9					T__		114.5		---	ML	1.9	6757786	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	07:18:14.176	-0.7					T__				---		6757787	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
PSZ	0.96	250.6	Pn	07:18:13.447	-1.4					T__		67.0		---	ML	1.9	6757789	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	07:18:27.205	-2.6					T__				---		6757788	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
KOLS	0.97	44.4	Lg	07:18:28.195	-1.1					T__				---		6757790	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/22	08:43:14.55	3.41	0.15	48.4947	20.7157	22.9	6.2	53	0.0f	7	4	288	0.12	1.25	sx	BUD	17001874	BUD				355

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD	17001874

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.12	270.6	Pg	08:43:17.203	0.1					T__		323.9		---	ML	1.1	6757818	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	270.6	Lg	08:43:19.389	0.1					T__				---		6757822	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1)																									
KECS	0.15	265.8	Pg	08:43:17.646	-0.2					T__		636.7		---	ML	1.5	6757819	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.15	265.8	Lg	08:43:20.561	0.1					T__				---		6757823	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									

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HU02A 0.39 198.9 Pg      08:43:22.981 -0.0      T__      41.5      ___ ML      1.0 6757821      FDSN ZJ      00 BUD      iLoc HHZ HHZ _
HU02A 0.39 198.9 Lg      08:43:29.629 0.1      T__      ___      6757824      FDSN ZJ      00 BUD      iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
VYHS 1.25 270.7 Pn      08:43:38.414 0.0      T__      10.2      ___ ML      1.2 6757820      FDSN SK      -- BUD      iLoc HHZ HHZ _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/22 08:47:10.47 1.05 0.34 46.1356 18.3076 11.3 3.7 159 0.0f 5 3 180 0.15 0.39 kx BUD 17001876 BUD 284
2021/07/22 08:47:10.55 1.01 0.69 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17001877 BUD_GT 275
(locality : Komló Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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Sta      Dist EvAz Phase      Time      TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg      08:47:14.265 -0.2      T__      526.5      ___ ML      1.5 6757846      FDSN HU      -- BUD      iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg      08:47:17.027 -0.5      T__      ___      6757847      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.25 80.9 Pg      08:47:16.141 0.1      T__      128.1      ___ ML      1.1 6757850      FDSN HU      -- BUD      iLoc HHZ HHZ _
MORH 0.25 80.9 Lg      08:47:19.998 -0.5      T__      ___      6757849      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
A266A 0.35 356.8 Lg      08:47:25.157 1.2      T__      ___      6757848      FDSN Z3      00 BUD      iLoc HHN ??? _

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```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/22 11:11:00.34 1.03 1.56 47.5713 18.4839 6.8 3.4 103 0.0f 11 7 105 0.10 1.36 sx BUD 17001878 BUD 161

```

Magnitude Err Nsta Author OrigID  
ML 1.2 0.1 4 BUD 17001878

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Sta      Dist EvAz Phase      Time      TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.10 314.5 Pg      11:11:03.215 0.4      T__      1580.0      ___ ML      1.8 6757877      FDSN ZJ      00 BUD      iLoc HHZ HHZ _
HU09A 0.10 314.5 Lg      11:11:04.605 -0.6      T__      ___      6757876      FDSN ZJ      00 BUD      iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MSW1 0.23 220.6 Pg      11:11:08.635 3.1      T__      175.3      ___ ML      1.2 6757880      FDSN HU      -- BUD      iLoc HHN HHZ _
MSW1 0.23 220.6 Lg      11:11:09.643 -0.5      T__      ___      6757878      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.26 216.1 Pg      11:11:05.752 -0.2      T__      158.0      ___ ML      1.2 6757881      FDSN HU      -- BUD      iLoc HHZ HHZ _
CSKK 0.26 216.1 Lg      11:11:09.156 -1.8      T__      ___      6757882      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MSW2 0.33 214.6 Pg      11:11:07.628 0.3      T__      75.3      ___ ML      1.1 6757879      FDSN HU      -- BUD      iLoc HHZ HHZ _
MSW2 0.33 214.6 Lg      11:11:11.241 -2.0      T__      ___      6757883      FDSN HU      -- BUD      iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

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VYHS	0.95	14.2	Lg	11:11:33.685	-0.0	T__	---	6757884	FDSN	SK	--	BUD	iLoc	HHE	???	_
PSZ	1.01	69.4	Lg	11:11:35.978	-1.0	T__	---	6757885	FDSN	GE	--	BUD	iLoc	HHE	???	_
MORH	1.36	175.3	Sn	11:11:44.177	-0.9	T__	---	6757886	FDSN	HU	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/23	08:59:26.63	0.96	0.59	48.4154	17.2623	5.8	3.9	81	0.0f	7	5	96	0.04	1.05	sx	BUD	17001880	BUD			168	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	17001880

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.04	166.5	Pg	08:59:28.026	-0.2				T__						_c_	6761393	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	166.5	Lg	08:59:29.511	-0.2				T__						---	6761394	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.52	31.2	Pg	08:59:37.120	-0.4				T__			116.1		---	ML	1.8	6761395	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KRUC	0.86	318.7	Pg	08:59:43.582	0.3				T__			20.0		---	ML	1.3	6761396	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.86	318.7	Lg	08:59:55.776	-0.2				T__					---		6761397	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
RONA	0.97	222.5	Pg	08:59:45.875	0.1				T__			29.0		---	ML	1.5	6761398	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	1.05	85.1	Lg	09:00:03.958	1.0				T__					---		6761399	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/23	09:04:50.33	0.95	1.05	48.5420	20.7996	5.3	3.9	17	0.0f	14	8	150	0.18	1.31	sx	BUD	17001882	BUD			224	

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	6 BUD	17001882

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.18	255.1	Pg	09:04:54.628	0.5				T__			426.9		---	ML	1.4	6761432	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	255.1	Lg	09:04:57.121	0.0				T__					---		6761438	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.22	254.4	Lg	09:04:58.418	-0.0				T__					---		6761439	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.38	129.8	Pg	09:04:58.866	0.6				T__			88.0		---	ML	1.3	6761441	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	129.8	Lg	09:05:03.853	-1.1				T__					---		6761440	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.46	203.7	Lg	09:05:07.000	-0.5				T__					---		6761437	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.87	224.5	Pn	09:05:08.971	0.1				T__			58.9		---	ML	1.8	6761433	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	224.5	Lg	09:05:20.160	-1.6				T__					---		6761442	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	0.94	339.6	Pg	09:05:08.324	0.3				T__			20.0		---	ML	1.3	6761444	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.94	339.6	Lg	09:05:20.121	-1.2				T__					---		6761443	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

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HU03A  1.03 231.9 Pn      09:05:11.098  0.3      T__      58.9      ___ ML      1.8 6761434  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU03A  1.03 231.9 Lg      09:05:25.450 -1.1      T__      ___      ___      6761445  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS   1.31 268.6 Pn      09:05:15.868  0.9      T__      11.0      ___ ML      1.3 6761436  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS   1.31 268.6 Sn      09:05:32.530 -2.0      T__      ___      ___      6761435  FDSN SK      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/07/23 11:00:58.54  1.93  0.50 47.9209  16.1190  17.1  4.3  31  0.0f      6  4 239  0.17  0.78  sx  BUD      17001884  BUD      298

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Magnitude Err Nsta Author      OrigID
ML      0.8 0.2   3 BUD      17001884

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
CONA  0.17 272.5 Pg      11:01:02.202 -0.0      T__      106.2      ___ ML      0.8 6761539  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
CONA  0.17 272.5 Lg      11:01:04.513 -0.3      T__      ___      ___      6761540  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA  0.25 151.6 Pg      11:01:03.722 -0.1      T__      47.0      ___ ML      0.7 6761541  FDSN OE      -- BUD  iLoc  HHZ HHZ  _
RONA  0.25 151.6 Lg      11:01:07.766  0.3      T__      ___      ___      6761542  FDSN OE      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A018A 0.72 256.2 Pg      11:01:13.295  0.7      T__      26.8      ___ ML      1.3 6761543  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ARSA  0.78 211.2 Lg      11:01:23.261 -0.3      T__      ___      ___      6761544  FDSN OE      -- BUD  iLoc  HHN ???  _

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/07/23 11:26:59.62  0.93  0.61 46.5050  16.9408  14.8  3.5 157  6.3 10.9 12  8 111  0.12  1.60  ke  BUD      17001886  BUD      166

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Magnitude Err Nsta Author      OrigID
ML      1.7 0.1   5 BUD      17001886

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
BEHE  0.12 253.1 Pg      11:27:02.440 -0.1      T__      1084.0      _d_ ML      1.7 6761598  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
BEHE  0.12 253.1 Lg      11:27:04.783  0.0      T__      ___      ___      6761593  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A263A 0.29 62.1 Pg      11:27:05.784  0.0      T__      413.3      ___ ML      1.7 6761599  FDSN Z3      00 BUD  iLoc  HHZ HHZ  _
A263A 0.29 62.1 Lg      11:27:10.165  0.1      T__      ___      ___      6761601  FDSN Z3      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOGS  0.48 263.4 Lg      11:27:15.972  0.4      T__      31.8      ___ ML      1.5 6761600  FDSN CR      -- BUD  iLoc  BHZ BHZ  _
PTJ   0.90 228.8 Pg      11:27:17.326  0.0      T__      ___      ___      6761602  FDSN CR      -- BUD  iLoc  BHN ???  _
PTJ   0.90 228.8 Lg      11:27:30.558  0.4      T__      ___      ___      6761603  FDSN HU      -- BUD  iLoc  HHE ???  _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KOVH  0.91 117.0 Lg      11:27:29.236 -0.2      T__      ___      ___      6761603  FDSN HU      -- BUD  iLoc  HHE ???  _

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ARSA	1.23	308.0	Sn	11:27:38.111	-0.4	T__									6761604	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CRES	1.23	237.2	Pn	11:27:22.566	-0.2	T__					16.1		---	ML	1.4	6761596	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.23	237.2	Sn	11:27:40.662	1.2	T__							---		6761595	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
CONA	1.60	333.1	Pn	11:27:26.784	-0.9	T__					25.1		---	ML	1.8	6761597	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/07/24	07:57:38.04	1.02	0.48	46.1879	18.2786	9.2	3.7	152	0.0f	5	3	147	0.16	0.34	kx	BUD	17001892	BUD				274	
2021/07/24	07:57:38.06	1.01	0.47	46.1765	18.2926f				0.0f	5	3	155	0.16	0.35	kx	BUD_GT	17001893	BUD_GT				275	
(locality : Komló Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	07:57:42.128	0.2					T__		591.8		_c	ML	1.5	6769101	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	07:57:44.378	-0.6					T__				---		6769102	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.25	80.9	Pg	07:57:43.820	0.3					T__		274.6		---	ML	1.4	6769100	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	07:57:48.076	0.1					T__				---		6769099	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A266A	0.35	356.8	Lg	07:57:50.864	-0.6					T__				---		6769103	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/24	09:43:35.10	1.08	0.84	46.0053	22.7232	9.9	4.5	36	0.0f	9	5	127	0.18	0.92	sx	BUD	17001894	BUD				196

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	17001894

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.18	134.1	Pg	09:43:38.815	0.4					T__		1542.5		---	ML	2.0	6769129	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	134.1	Lg	09:43:40.588	-0.3					T__				---		6769135	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
GZR	0.61	176.5	Pg	09:43:46.946	0.1					T__		61.4		---	ML	1.6	6769130	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.61	176.5	Lg	09:43:55.228	-0.4					T__				---		6769133	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
SIRR	0.78	289.9	Pg	09:43:51.552	0.4					T__		35.6		---	ML	1.5	6769131	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.78	289.9	Lg	09:44:02.370	-0.3					T__				---		6769132	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
DRGR	0.79	359.4	Lg	09:44:01.509	-1.5					T__				---		6769134	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.92	126.9	Pg	09:43:53.192	0.4					T__		66.3		---	ML	1.8	6769128	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.92	126.9	Lg	09:44:05.218	-1.0					T__				---		6769136	FDSN	RO	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/24	10:49:07.28	1.05	1.05	45.9633	22.7043	6.5	5.0	65	0.0f		8	5	119	0.16	0.91	sx	BUD	17001896	BUD			233

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	3 BUD	17001896

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.16	119.9	Pg	10:49:10.658	0.3					T__		541.9		___	ML	1.5	6769191	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	119.9	Lg	10:49:12.124	-0.5					T__				---		6769192	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
GZR	0.57	174.9	Pg	10:49:18.651	0.3					T__		57.4		___	ML	1.6	6769188	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.57	174.9	Lg	10:49:26.603	0.1					T__				---		6769189	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
DRGR	0.83	0.3	Pg	10:49:24.437	0.5					T__		40.6		___	ML	1.6	6769193	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.83	0.3	Lg	10:49:35.068	-1.4					T__				---		6769190	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
BZS	0.84	245.9	Lg	10:49:34.624	-0.9					T__				---		6769195	FDSN	RO	--	BUD	iLoc	HHE	???	_	
LOT	0.91	124.2	Lg	10:49:36.566	-1.4					T__				---		6769194	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/24	18:35:11.86	0.99	0.39	47.3971	18.1886	5.5	2.8	12	5.0f		10	5	174	0.04	0.18	ke	BUD	17001898	BUD			203

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	5 BUD	17001898

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW3	0.04	251.8	Pg	18:35:13.446	0.1					T__		659.0		_d	ML	1.2	6770847	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.04	251.8	Lg	18:35:14.310	-0.5					T__				---		6770848	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
MSW1	0.05	95.0	Pg	18:35:13.581	0.1					T__		647.8		___	ML	1.2	6770854	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	95.0	Lg	18:35:14.444	-0.6					T__				---		6770853	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
CSKK	0.06	124.8	Pg	18:35:13.878	0.2					T__		620.8		___	ML	1.3	6770851	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	124.8	Lg	18:35:15.106	-0.2					T__				---		6770852	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
MSW2	0.10	170.9	Pg	18:35:14.540	0.3					T__		367.8		_c	ML	1.1	6770850	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.10	170.9	Lg	18:35:16.257	-0.2					T__				---		6770849	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
HU08A	0.18	280.9	Pg	18:35:16.285	0.4					T__		113.4		___	ML	0.9	6770855	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.18	280.9	Lg	18:35:18.856	-0.3					T__				---		6770856	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 0.9 magdef=1  
 (Station ML: 0.9 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/26	09:21:15.12	1.31	0.61	48.5341	20.8190	7.4	5.3	41	0.0f		12	7	151	0.19	1.32	sx	BUD	17001904	BUD			226

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	17001904

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	258.5	Pg	09:21:19.614	0.5					T__		419.2		___	ML	1.5	6775942	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	258.5	Lg	09:21:22.285	0.0					T__				---		6775948	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.23	257.2	Pg	09:21:20.046	0.2					T__		985.8		___	ML	1.9	6775943	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	257.2	Lg	09:21:23.380	-0.2					T__				---		6775949	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									
ABAH	0.37	130.2	Lg	09:21:29.164	-0.1					T__				---		6775950	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU02A	0.46	205.6	Pg	09:21:24.990	0.2					T__		44.8		___	ML	1.2	6775947	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	205.6	Lg	09:21:32.323	0.1					T__				---		6775944	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
PSZ	0.87	225.4	Pg	09:21:33.542	-0.0					T__		46.3		___	ML	1.7	6775952	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	225.4	Lg	09:21:45.581	-1.1					T__				---		6775951	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
NIE	0.95	339.0	Lg	09:21:45.939	-0.6					T__				---		6775945	FDSN	PL	--	BUD	iLoc	BHN	???	_	
VYHS	1.32	269.0	Pn	09:21:39.607	-0.3					T__		14.9		___	ML	1.4	6775946	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.32	269.0	Sn	09:21:58.401	-1.2					T__				---		6775953	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/26	11:01:49.21	0.88	0.83	48.7743	18.0762	3.9	3.4	11	0.0f		14	8	114	0.28	1.70	sx	BUD	17001908	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	5 BUD	17001908

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JAVC	0.28	287.7	Pg	11:01:55.790	0.4					T__		127.9		___	ML	1.2	6776059	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.28	287.7	Lg	11:01:59.231	-1.1					T__				---		6776065	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
A331A	0.39	14.2	Pg	11:01:57.146	0.2					T__		68.4		___	ML	1.2	6776060	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.39	14.2	Lg	11:02:01.263	-1.2					T__				---		6776062	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
VYHS	0.58	118.8	Pg	11:02:01.304	0.4					T__		16.1		___	ML	1.0	6776061	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.58	118.8	Lg	11:02:09.121	-0.3					T__				---		6776066	FDSN	SK	--	BUD	iLoc	HNN	???	_	

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(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
MODS 0.67 233.2 Pg 11:02:03.027 0.2 T__ --- 6776058 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.67 233.2 Lg 11:02:12.709 -0.5 T__ --- 6776067 FDSN SK -- BUD iLoc HHN ??? _
MORC 1.06 341.0 Pg 11:02:10.005 1.0 T__ 35.3 --- ML 1.6 6776064 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.06 341.0 Lg 11:02:23.772 -0.1 T__ --- 6776063 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
VRAC 1.11 299.3 Pg 11:02:10.740 0.5 T__ 9.6 --- ML 1.1 6776069 FDSN CZ -- BUD iLoc HHZ HHZ _
VRAC 1.11 299.3 Lg 11:02:25.986 -0.5 T__ --- 6776068 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KRUC 1.15 285.2 Lg 11:02:27.483 -0.3 T__ --- 6776070 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.70 241.0 Sn 11:02:44.771 1.7 T__ --- 6776071 FDSN OE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/26 13:31:41.79 0.98 0.72 47.6088 16.4196 6.2 4.0 145 0.0f 14 9 86 0.12 1.17 sx BUD 17001910 BUD 138

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD 17001910

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SOP 0.12 51.5 Pg 13:31:45.441 0.9 T__ 100.3 --- ML 0.6 6776723 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.12 51.5 Lg 13:31:47.082 0.4 T__ --- 6776717 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
RONA 0.12 317.5 Pg 13:31:44.636 0.0 T__ 326.4 --- ML 1.2 6776715 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 317.5 Lg 13:31:46.694 -0.0 T__ --- 6776714 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
AO11B 0.37 237.5 Lg 13:31:53.298 -0.7 T__ --- 6776724 FDSN Z3 00 BUD iLoc HHZ ??? _
CONA 0.49 310.5 Pg 13:31:51.751 0.1 T__ 65.2 --- ML 1.5 6776712 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.49 310.5 Lg 13:31:58.056 -0.3 T__ --- 6776713 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ARSA 0.71 239.8 Pg 13:31:55.414 -0.1 T__ 34.3 --- ML 1.4 6776718 FDSN OE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
AO18A 0.92 279.0 Pg 13:31:59.865 0.3 T__ 41.0 --- ML 1.6 6776725 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO18A 0.92 279.0 Lg 13:32:11.413 0.3 T__ --- 6776716 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
MODS 0.96 36.7 Pg 13:32:01.292 0.0 T__ --- 6776719 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.96 36.7 Lg 13:32:14.673 -1.4 T__ --- 6776720 FDSN SK -- BUD iLoc HHN ??? _
HU08A 1.03 99.3 Sn 13:32:16.763 -1.4 T__ --- 6776721 FDSN ZJ 00 BUD iLoc HHN ??? _
KOGS 1.17 185.8 Lg 13:32:19.634 0.1 T__ --- 6776722 FDSN SL -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/27 07:19:39.54 1.12 1.39 47.3586 18.4204 6.3 4.0 134 0.0f 15 12 112 0.11 1.29 sx BUD 17001912 BUD 132

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Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 3 BUD 17001912

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CSKK	0.11	272.4	Pg	07:19:43.082	0.7					T__		1464.7		_c	ML	1.8 6777557	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	272.4	Lg	07:19:44.024	-1.1					T__				---		6777559	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
MSW1	0.11	287.4	Pg	07:19:43.592	1.1					T__		1140.2		---	ML	1.7 6777568	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.11	287.4	Lg	07:19:44.674	-0.6					T__				---		6777569	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MSW2	0.15	248.5	Lg	07:19:45.427	-1.2					T__				---		6777570	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW3	0.20	277.1	Lg	07:19:47.120	-1.0					T__				---		6777571	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU09A	0.28	354.8	Lg	07:19:50.193	-0.7					T__				---		6777560	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	0.35	282.3	Lg	07:19:51.712	-1.3					T__				---		6777561	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.63	252.9	Lg	07:20:01.122	-0.9					T__				---		6777562	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU10A	0.63	39.5	Lg	07:20:02.088	-1.1					T__				---		6777563	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	1.14	60.1	Sn	07:20:18.506	-1.2					T__				---		6777565	FDSN	GE	--	BUD	iLoc	HHN	???	_
MORH	1.15	172.3	Lg	07:20:18.234	-2.1					T__				---		6777564	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.17	13.7	Lg	07:20:19.033	-1.3					T__				---		6777566	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.29	190.0	Pn	07:20:06.020	2.4					T__		51.1		---	ML	1.9 6777558	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.29	190.0	Sn	07:20:22.135	-0.4					T__				---		6777567	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/27	08:30:03.86	1.36	0.73	48.4684	17.6048	10.3	3.4	116	0.0f		14	8	222	0.24	1.62	sx	BUD	17001914	BUD			267

Magnitude Err Nsta Author OrigID  
ML 1.5 0.1 4 BUD 17001914

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.24	246.6	Pg	08:30:09.076	-0.1					T__				---		6777603	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.24	246.6	Lg	08:30:12.483	-1.1					T__				---		6777616	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.39	6.3	Pg	08:30:12.384	0.1					T__		104.7		---	ML	1.4 6777605	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.39	6.3	Lg	08:30:18.053	-0.8					T__				---		6777608	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
ZST	0.43	231.1	Pg	08:30:13.361	0.5					T__				---		6777609	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.43	231.1	Lg	08:30:18.538	-1.3					T__				---		6777604	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.00	307.0	Pg	08:30:23.976	1.0					T__		28.9		---	ML	1.5 6777610	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.00	307.0	Lg	08:30:37.153	-0.5					T__				---		6777606	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
VRAC	1.07	321.9	Lg	08:30:39.823	-0.1					T__				---		6777611	FDSN	CZ	--	BUD	iLoc	HHN	???	_
RONA	1.17	229.2	Pg	08:30:27.230	0.3					T__		27.0		---	ML	1.6 6777607	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.17	229.2	Lg	08:30:42.438	0.3					T__				---		6777612	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
CONA	1.29	245.8	Pn	08:30:29.053	0.3					T__		28.5		---	ML	1.7 6777614	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.29	245.8	Lg	08:30:46.438	0.7					T__				---		6777613	FDSN	OE	--	BUD	iLoc	HHN	???	_

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 TREC 1.62 301.4 Sn 08:30:55.746 0.1 T\_\_ --- 6777615 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/27	08:34:03.93	1.17	0.72	46.1080	22.8058	8.4	4.6	43	0.0f	12	7	87	0.23	1.45	sx	BUD	17001916	BUD				139

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 5 BUD 17001916

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.23	163.1	Pg	08:34:08.809	0.4					T__		748.1		---	ML	1.8	6777654	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.23	163.1	Lg	08:34:10.769	-0.9					T__				---		6777648	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
DRGR	0.69	354.6	Lg	08:34:28.538	-0.4					T__				---		6777656	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.72	181.6	Pg	08:34:17.846	0.2					T__		46.7		---	ML	1.6	6777650	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.72	181.6	Lg	08:34:27.076	-0.7					T__				---		6777649	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
SIRR	0.81	281.7	Pg	08:34:20.307	-0.2					T__		29.5		---	ML	1.4	6777653	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.81	281.7	Lg	08:34:32.538	0.2					T__				---		6777657	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
LOT	0.94	134.0	Pg	08:34:22.769	0.8					T__		49.0		---	ML	1.7	6777651	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.94	134.0	Lg	08:34:34.461	-1.3					T__				---		6777652	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
BZS	0.97	239.8	Pg	08:34:23.424	0.7					T__		22.1		---	ML	1.4	6777655	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.97	239.8	Lg	08:34:36.384	0.1					T__				---		6777658	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
ARCR	1.45	46.9	Sn	08:34:51.153	-0.3					T__				---		6777659	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/27	09:03:17.27	2.70	0.37	48.3894	20.6579	22.5	5.0	87	0.0f	8	5	234	0.13	1.22	sx	BUD	17001918	BUD				264

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 3 BUD 17001918

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.13	323.5	Pg	09:03:20.187	0.0					T__		364.0		---	ML	1.2	6777687	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.13	323.5	Lg	09:03:22.302	-0.2					T__				---		6777690	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
KECS	0.15	309.4	Pg	09:03:20.605	0.1					T__		1052.6		---	ML	1.7	6777688	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.15	309.4	Lg	09:03:23.105	0.0					T__				---		6777691	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
HU02A	0.28	198.4	Lg	09:03:28.390	-0.0					T__				---		6777692	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

PSZ	0.70	227.6	Pg	09:03:32.008	-0.1	T__	26.5	___	ML	1.3	6777693	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.70	227.6	Lg	09:03:42.931	0.2	T__		---			6777689	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
VVHS	1.22	275.6	Sn	09:03:58.356	-0.8	T__		---			6777694	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/27	09:21:00.31	1.00	0.90	47.9746	16.0054	5.4	4.0	166	0.0f		10	7	123	0.11	1.12	sx	BUD	17001920	BUD			155

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	3 BUD	17001920

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.11	244.4	Pg	09:21:02.483	-0.2					T__		367.2		_d	ML	1.2	6777768	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.11	244.4	Lg	09:21:03.246	-1.2					T__				---		6777767	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
RONA	0.34	144.4	Pg	09:21:06.906	-0.4					T__		22.9		___	ML	0.6	6777769	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.34	144.4	Lg	09:21:11.718	-0.3					T__				---		6777770	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
A002B	0.55	45.2	Lg	09:21:19.868	0.1					T__				---		6777772	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A011B	0.57	183.2	Lg	09:21:19.223	0.5					T__				---		6777771	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A018A	0.67	250.1	Pg	09:21:13.764	0.5					T__		26.5		___	ML	1.3	6777766	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.67	250.1	Lg	09:21:22.006	0.4					T__				---		6777765	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ARSA	0.79	204.4	Lg	09:21:27.373	1.7					T__				---		6777773	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.12	13.2	Lg	09:21:38.853	0.6					T__				---		6777774	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/07/27	09:57:42.88	1.22	2.05	46.1301	18.1159	53.3	3.5	157	0.0f		5	3	144	0.04	1.11	sx	BUD	17001922	BUD					262

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.04	194.9	Pg	09:57:44.320	-0.2					T__		964.9		___	ML	1.4	6777820	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.04	194.9	Lg	09:57:44.522	-1.5					T__				---		6777819	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.38	76.8	Pg	09:57:51.076	0.2					T__		38.8		___	ML	0.9	6777818	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.38	76.8	Lg	09:57:56.615	-0.5					T__				---		6777817	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MPLH	1.11	339.3	Sn	09:58:18.846	-2.4					T__				---		6777816	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/07/27	11:01:07.75	0.90	1.48	48.2158	21.2372	4.8	3.9	0	0.0f		19	12	51	0.08	1.35	kx	BUD	17001924	BUD					93
2021/07/27	11:01:07.73	0.87	1.42	48.2470	21.2460f				0.0f		19	12	52	0.05	1.33	kx	BUD_GT	17001925	BUD_GT					102

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

Magnitude Err Nsta Author OrigID  
ML 2.1 0.2 6 BUD\_GT 17001925

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	11:01:10.230	0.9					T__		15832.7		___	ML	2.6 6777856	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.05	355.1	Lg	11:01:10.778	-0.1					T__				---		6777861	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=0)																									
HU02A	0.50	255.8	Pg	11:01:18.538	0.2					T__		108.7		___	ML	1.7 6777857	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.50	255.8	Lg	11:01:25.030	-1.4					T__				---		6777862	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
HU07A	0.52	120.5	Lg	11:01:25.936	-1.7					T__				---		6777863	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.53	298.1	Pg	11:01:19.923	1.5					T__		137.9		---	ML	1.9 6777858	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.53	298.1	Lg	11:01:26.269	-0.4					T__				---		6777864	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
KECS	0.56	295.3	Lg	11:01:27.080	-0.5					T__				---		6777865	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU05A	0.70	186.1	Lg	11:01:31.608	-2.3					T__				---		6777866	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TRPA	0.87	97.2	Pn	11:01:25.602	-0.5					T__		152.5		---	ML	2.2 6777868	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
TRPA	0.87	97.2	Lg	11:01:37.423	-1.8					T__				---		6777867	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
HU23A	0.90	228.1	Lg	11:01:38.186	-2.1					T__				---		6777869	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.96	250.6	Pg	11:01:28.769	0.7					T__		93.8		---	ML	2.0 6777859	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.96	250.6	Lg	11:01:40.188	-2.3					T__				---		6777870	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
KOLS	0.97	44.4	Pn	11:01:27.795	0.1					T__				---		6777873	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	44.4	Lg	11:01:40.760	-1.2					T__				---		6777872	FDSN	SK	--	BUD	iLoc	HHN	???	_	
LTVH	0.97	152.7	Pg	11:01:28.769	1.4					T__		360.1		---	ML	2.6 6777860	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
LTVH	0.97	152.7	Lg	11:01:40.283	-2.1					T__				---		6777871	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1)																									
NIE	1.33	332.3	Lg	11:01:51.151	-1.2					T__				---		6777874	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/28	06:54:33.87	1.43	1.00	48.0375	20.7025	9.3	4.7	173	0.0f	8	5	203	0.15	0.56	kx	BUD	17001928	BUD				271
2021/07/28	06:54:34.47	0.95	0.87	48.0750	20.6990f				0.0f	8	5	195	0.13	0.56	kx	BUD_GT	17001929	BUD_GT				268

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

Magnitude Err Nsta Author OrigID  
ML 1.1 0.0 3 BUD\_GT 17001929

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU02A	0.13	292.1	Pg	06:54:37.937	0.3					T__		299.0		___	ML	1.1 6781352	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	06:54:39.552	-0.8					T__				---		6781354	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

(Reading ML: 1.1 magdef=1)

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(Station ML: 1.1 magdef=1
ABAH 0.42 58.4 Pg 06:54:43.404 0.2 T__ 44.3 --- ML 1.1 6781353 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.42 58.4 Lg 06:54:49.712 -1.0 T__ --- 6781355 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.43 340.8 Lg 06:54:50.111 0.1 T__ --- 6781356 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.43 345.9 Pg 06:54:44.364 1.1 T__ 44.1 --- ML 1.2 6781358 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.43 345.9 Lg 06:54:49.825 -0.3 T__ --- 6781357 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 254.1 Lg 06:54:54.005 -1.5 T__ --- 6781359 FDSN GE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/28 07:45:41.65 3.85 0.78 48.5180 20.8035 22.1 11.2 63 0.0f 7 5 295 0.18 1.31 sx BUD 17001930 BUD 316

```

```
Magnitude Err Nsta Author OrigID
```

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 262.9 Pg 07:45:45.552 0.1 T__ 130.5 --- ML 0.9 6781399 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 262.9 Lg 07:45:48.282 -0.1 T__ --- 6781400 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
KECS 0.21 260.8 Pg 07:45:46.026 -0.1 T__ 205.1 --- ML 1.2 6781401 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 260.8 Lg 07:45:49.712 0.0 T__ --- 6781402 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.44 205.2 Lg 07:45:58.068 -0.1 T__ --- 6781403 FDSN ZJ 00 BUD iLoc HHE ??? _
PSZ 0.85 225.7 Lg 07:46:12.742 0.2 T__ --- 6781405 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.31 269.7 Sn 07:46:24.310 -1.5 T__ --- 6781404 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/28 10:01:18.60 0.90 1.72 48.1464 16.9424 8.3 3.0 141 0.0f 14 9 150 0.12 1.32 sx BUD 17001934 BUD 159

```

```
Magnitude Err Nsta Author OrigID
ML 1.4 0.2 3 BUD 17001934
```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZST 0.12 65.0 Pg 10:01:22.461 0.9 T__ --- 6781453 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.12 65.0 Lg 10:01:23.653 -0.5 T__ --- 6781462 FDSN SK -- BUD iLoc HHN ??? _
MODS 0.32 44.4 Pg 10:01:25.884 0.3 T__ --- 6781458 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.32 44.4 Lg 10:01:29.923 -1.2 T__ --- 6781460 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.62 224.4 Pg 10:01:31.076 -0.0 T__ 36.1 --- ML 1.4 6781463 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.62 224.4 Lg 10:01:38.230 -1.2 T__ --- 6781464 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
CONA 0.76 253.6 Pg 10:01:34.384 0.8 T__ 22.6 --- ML 1.3 6781454 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.76 253.6 Lg 10:01:42.692 -0.9 T__ --- 6781465 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
JAVC 0.86 33.9 Pg 10:01:36.995 0.7 T__ 35.1 --- ML 1.5 6781459 FDSN CZ -- BUD iLoc HHZ HHZ _

```

JAVC	0.86	33.9	Lg	10:01:48.341	-1.3				T__						6781461	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1)																			
				(Station ML: 1.5 magdef=1)																			
KRUC	0.99	338.6	Lg	10:01:51.797	-0.3				T__						6781466	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VYHS	1.31	73.9	Sn	10:01:58.076	-4.9				T__						6781455	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	1.31	227.4	Lg	10:02:00.846	0.5				T__						6781456	FDSN	OE	--	BUD	iLoc	HHN	???	_
A018A	1.32	252.9	Lg	10:02:01.461	0.8				T__						6781457	FDSN	Z3	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/28	10:31:43.90	2.82	1.53	48.8386	20.4832	17.0	7.9	20	0.0f		8	6	243	0.35	1.15	sx	BUD	17001936	BUD			293

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.35	173.8	Pg	10:31:51.647	0.8					T__		65.3			ML	1.1	6781490	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.35	173.8	Lg	10:31:56.435	0.2					T__						6781491	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
KECS	0.36	179.7	Pg	10:31:51.837	0.7					T__	114.9				ML	1.3	6781489	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.36	179.7	Lg	10:31:56.718	0.1					T__						6781492	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
HU02A	0.72	177.8	Lg	10:32:08.602	-1.3					T__						6781494	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.74	136.9	Lg	10:32:08.320	-2.5					T__						6781493	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.00	203.3	Lg	10:32:18.506	-1.2					T__						6781495	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.15	253.1	Lg	10:32:22.184	-1.1					T__						6781496	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/28	10:37:57.11	1.14	1.04	48.8635	20.5086	8.7	5.5	90	0.0f		11	7	142	0.37	1.17	sx	BUD	17001938	BUD			242

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 5 BUD 17001938

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.37	176.8	Pg	10:38:04.923	0.4					T__		214.0			ML	1.7	6781523	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.37	176.8	Lg	10:38:10.846	0.6					T__						6781524	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=0)																					
KECS	0.38	182.3	Pg	10:38:05.000	0.2					T__	256.4				ML	1.8	6781526	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.38	182.3	Lg	10:38:10.615	-0.1					T__						6781525	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
NIE	0.57	346.2	Lg	10:38:15.881	-0.3					T__						6781529	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.74	179.1	Pg	10:38:12.846	0.4					T__	65.3				ML	1.7	6781527	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
ABAH	0.75	139.2	Pg	10:38:12.528	0.6					T__	99.7				ML	1.9	6781531	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.75	139.2	Lg	10:38:22.589	-1.6					T__						6781530	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=0)																					

```

PSZ 1.03 203.6 Pn 10:38:18.397 0.4 T__ 63.4 ___ ML 1.9 6781532 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.03 203.6 Lg 10:38:32.153 -1.8 T__ ___ 6781528 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 1.17 85.9 Lg 10:38:35.352 -1.2 T__ ___ 6781533 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/28 10:47:10.13 3.26 0.66 48.1764 20.4915 38.2 4.6 120 0.0f 6 3 231 0.31 0.48 kx BUD 17001940 BUD 353
2021/07/28 10:47:07.40 1.03 1.02 48.0750 20.6990f 0.0f 6 3 268 0.43 0.56 kx BUD_GT 17001941 BUD_GT 354
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID
ML 1.6 0.3 3 BUD_GT 17001941

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.43 340.8 Pg 10:47:16.180 -0.1 T__ 116.2 ___ ML 1.6 6781578 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.43 340.8 Lg 10:47:22.111 -0.9 T__ ___ 6781580 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.43 345.9 Pg 10:47:16.705 0.5 T__ 51.1 ___ ML 1.2 6781579 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.43 345.9 Lg 10:47:21.793 -1.2 T__ ___ 6781581 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 254.1 Pg 10:47:20.900 1.3 T__ 89.2 ___ ML 1.8 6781583 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.56 254.1 Lg 10:47:27.465 -1.0 T__ ___ 6781582 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/28 12:08:56.54 1.25 0.63 48.0175 16.1828 7.5 5.4 29 0.0f 7 4 158 0.23 1.05 sx BUD 17001942 BUD 276

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```

Magnitude Err Nsta Author OrigID
ML 0.8 0.1 3 BUD 17001942

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.23 247.6 Pg 12:09:01.923 0.5 T__ 79.3 ___ ML 0.8 6781825 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.23 247.6 Lg 12:09:03.863 -0.9 T__ ___ 6781829 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA 0.33 166.4 Pg 12:09:03.576 0.3 T__ 36.7 ___ ML 0.8 6781827 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.33 166.4 Lg 12:09:07.497 -0.4 T__ ___ 6781826 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A018A 0.79 250.2 Pg 12:09:11.937 0.0 T__ 26.1 ___ ML 1.4 6781830 FDSN Z3 00 BUD iLoc HHZ HHZ _
A018A 0.79 250.2 Lg 12:09:21.757 -0.1 T__ ___ 6781828 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KRUC 1.05 7.6 Lg 12:09:31.895 -0.5 T__ ___ 6781831 FDSN CZ -- BUD iLoc HHE ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/29	09:00:05.93	1.05	0.72	48.4077	17.3181	8.1	2.9	116	0.0f		12	7	187	0.04	1.09	sx	BUD	17001944	BUD			241

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.1	4 BUD	17001944

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.04	218.5	Pg	09:00:07.323	-0.2					T__						6787934	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	218.5	Lg	09:00:08.438	-0.6					T__						6787936	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.26	214.3	Lg	09:00:15.701	-0.3					T__						6787939	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.51	27.2	Pg	09:00:16.815	0.2					T__		876.1			ML	2.7	6787940	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.51	27.2	Lg	09:00:24.306	-0.6					T__						6787935	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
KRUC	0.90	317.3	Pg	09:00:23.240	0.1					T__		608.3			ML	2.8	6787938	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.90	317.3	Lg	09:00:35.581	-0.8					T__						6787941	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
RONA	0.99	224.4	Pg	09:00:25.221	-0.3					T__		879.3			ML	3.0	6787937	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.99	224.4	Lg	09:00:40.035	1.7					T__						6787942	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=1)																									
VRAC	1.02	332.3	Lg	09:00:40.353	0.1					T__						6787943	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CONA	1.09	244.3	Pg	09:00:27.357	0.0					T__		478.5			ML	2.8	6787944	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.09	244.3	Lg	09:00:42.034	0.6					T__						6787945	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/29	09:01:46.63	1.30	0.80	47.2350	18.2564	8.9	6.3	75	0.0f		11	8	125	0.07	1.30	sx	BUD	17001946	BUD			164

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD	17001946

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.07	335.3	Pg	09:01:49.013	0.2					T__		938.1			ML	1.5	6787975	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	335.3	Lg	09:01:49.986	-1.0					T__						6787976	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CSKK	0.13	1.2	Pg	09:01:50.264	0.4					T__		1076.4			ML	1.7	6787978	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	1.2	Lg	09:01:52.244	-0.6					T__						6787977	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MSW1	0.16	0.6	Pg	09:01:51.098	0.7					T__		209.5			ML	1.1	6787979	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.16	0.6	Lg	09:01:52.974	-0.9					T__						6787980	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW3	0.17	329.1	Lg	09:01:54.190	-0.1					T__						6787981	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.30	311.1	Lg	09:01:58.811	0.2					T__						6787982	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MORH	1.05	165.2	Lg	09:02:22.331	-0.7					T__						6787983	FDSN	HU	--	BUD	iLoc	HHE	???	_	

KOVH 1.15 185.4 Sn 09:02:24.902 -1.2 T\_\_ --- 6787984 FDSN HU -- BUD iLoc HHE ??? \_  
 PSZ 1.30 57.7 Sn 09:02:30.496 -0.2 T\_\_ --- 6787985 FDSN GE -- BUD iLoc HHE ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/29 09:18:14.46 1.16 1.08 48.9823 20.2025 16.4 3.8 83 0.0f 8 6 177 0.44 1.08 sx BUD 17001948 BUD 303

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 NIE 0.44 8.3 Pg 09:18:22.923 0.1 T\_\_ 91.9 --- ML 1.5 6788029 FDSN PL -- BUD iLoc BHZ BHZ \_  
 NIE 0.44 8.3 Lg 09:18:29.538 0.3 T\_\_ --- 6788028 FDSN PL -- BUD iLoc BHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 KECS 0.53 159.3 Lg 09:18:32.346 -0.8 T\_\_ --- 6788027 FDSN SK -- BUD iLoc EHN ??? \_  
 JOS 0.54 155.3 Pg 09:18:26.153 1.0 T\_\_ 184.2 --- ML 2.1 6788026 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 0.54 155.3 Lg 09:18:32.153 -1.1 T\_\_ --- 6788025 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.1 magdef=1  
 (Station ML: 2.1 magdef=1  
 HU02A 0.89 165.9 Lg 09:18:44.697 -1.5 T\_\_ --- 6788031 FDSN ZJ 00 BUD iLoc HHE ??? \_  
 ABAH 0.97 134.6 Lg 09:18:47.438 -0.6 T\_\_ --- 6788030 FDSN HU -- BUD iLoc HHN ??? \_  
 PSZ 1.08 191.0 Lg 09:18:52.738 -0.3 T\_\_ --- 6788032 FDSN GE -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/29 09:44:59.09 3.29 1.05 46.9519 22.7912 27.0 19.9 103 0.0f 8 5 217 0.17 1.71 sx BUD 17001950 BUD 311

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.4 3 BUD 17001950

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 DRGR 0.17 198.9 Pg 09:45:03.083 0.3 T\_\_ 241.4 --- ML 1.2 6788310 FDSN RO -- BUD iLoc HHZ HHZ \_  
 DRGR 0.17 198.9 Lg 09:45:05.677 -0.3 T\_\_ --- 6788307 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 SIRR 1.04 229.1 Pn 09:45:19.441 -0.4 T\_\_ 73.6 --- ML 1.9 6788311 FDSN RO -- BUD iLoc HHZ HHZ \_  
 SIRR 1.04 229.1 Lg 09:45:34.307 -0.5 T\_\_ --- 6788312 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 GZR 1.56 180.4 Pg 09:45:28.447 -0.2 T\_\_ 75.7 --- ML 2.2 6788308 FDSN RO -- BUD iLoc HHZ HHZ \_  
 GZR 1.56 180.4 Sn 09:45:47.929 -1.4 T\_\_ --- 6788309 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1  
 BZS 1.56 211.8 Sn 09:45:50.126 1.3 T\_\_ --- 6788313 FDSN RO -- BUD iLoc HHE ??? \_  
 ABAH 1.71 322.6 Sn 09:45:51.108 -1.2 T\_\_ --- 6788314 FDSN HU -- BUD iLoc HHE ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/07/29 10:08:34.02 0.98 0.91 48.4446 19.5682 10.1 3.9 3 0.0f 6 4 169 0.49 0.65 sx BUD 17001952 BUD 287

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
VYHS	0.49	276.1	Pg	10:08:44.507	0.4					T__		29.9		---	ML	1.1	6788336	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.49	276.1	Lg	10:08:50.586	-0.8					T__				---		6788337	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
PSZ	0.57	157.4	Lg	10:08:54.830	-0.4					T__				---		6788338	FDSN	GE	--	BUD	iLoc	HHE	???	_		
KECS	0.61	86.0	Lg	10:08:54.753	-0.8					T__				---		6788339	FDSN	SK	--	BUD	iLoc	EHN	???	_		
JOS	0.65	85.1	Pg	10:08:47.604	0.6					T__		192.1		---	ML	2.1	6788341	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.65	85.1	Lg	10:08:56.129	-0.6					T__				---		6788340	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp				
2021/07/30	06:41:37.39	1.27	1.11	47.8595	19.3937	10.9	4.0	7	0.0f		7	5	186	0.15	1.00	kx	BUD	17001954	BUD			249				
2021/07/30	06:41:37.64	0.96	1.02	47.8920	19.4049f				0.0f		7	5	174	0.13	0.97	kx	BUD_GT	17001955	BUD_GT			242				
(locality : Bercel Hungary)																										
(GT info : GT2 explosion)																										

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD_GT	17001955

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
HU03A	0.13	84.8	Pg	06:41:41.702	0.9					T__		709.1		---	ML	1.5	6795558	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	0.13	84.8	Lg	06:41:43.242	-0.2					T__				---		6795561	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
HU10A	0.26	259.9	Lg	06:41:46.719	-1.4					T__				---		6795562	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.33	85.2	Lg	06:41:49.354	-1.5					T__				---		6795563	FDSN	GE	--	BUD	iLoc	HHN	???	_		
VYHS	0.71	327.9	Pn	06:41:52.968	-1.1					T__		13.6		---	ML	1.0	6795559	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	0.71	327.9	Lg	06:42:02.916	0.2					T__				---		6795560	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										
JOS	0.97	51.1	Pg	06:41:56.668	-0.3					T__		26.1		---	ML	1.5	6795557	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/07/30	06:54:38.47	0.91	1.07	46.8732	17.2632	4.6	4.1	18	0.0f		19	11	76	0.11	1.42	sx	BUD	17001956	BUD			144

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	8 BUD	17001956

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
A261A	0.11	315.1	Pg	06:54:40.799	-0.6					T__		14722.6		---	ML	2.8	6795679	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A261A	0.11	315.1	Lg	06:54:42.186	-1.6					T__				---		6795680	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.8 magdef=1)																										
(Station ML: 2.8 magdef=0)																										
MPLH	0.35	32.4	Pg	06:54:46.875	0.8					T__		168.8		---	ML	1.5	6795668	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	0.35	32.4	Lg	06:54:51.875	-0.2					T__				---		6795667	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1)																										

```

(Station ML: 1.5 magdef=1
BEHE 0.52 220.0 Lg 06:54:57.546 0.7 T__
EGYH 0.55 4.9 Pg 06:54:50.863 1.0 T__ 399.1 --- ML 2.4 6795681 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.55 4.9 Lg 06:54:58.458 0.0 T__ --- 6795670 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
MSW2 0.78 56.1 Pg 06:54:54.566 0.4 T__ 59.0 --- ML 1.7 6795685 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.78 56.1 Lg 06:55:05.710 -1.4 T__ --- 6795684 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK 0.84 53.9 Lg 06:55:07.624 -1.7 T__ --- 6795671 FDSN HU -- BUD iLoc HHN ??? _
KOVH 0.98 143.3 Pg 06:54:58.255 -0.0 T__ 28.0 --- ML 1.5 6795673 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.98 143.3 Lg 06:55:11.024 -0.9 T__ --- 6795672 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
RONA 1.06 321.8 Pg 06:54:59.277 -0.3 T__ 37.8 --- ML 1.7 6795682 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.06 321.8 Lg 06:55:14.831 1.2 T__ --- 6795674 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 1.16 124.2 Pn 06:55:01.398 0.7 T__ 16.8 --- ML 1.4 6795676 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.16 124.2 Sn 06:55:17.091 -0.6 T__ --- 6795675 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
ARSA 1.25 288.2 Pn 06:55:03.006 0.5 T__ 39.9 --- ML 1.8 6795683 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.25 288.2 Lg 06:55:20.198 2.0 T__ --- 6795677 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CONA 1.42 318.5 Sn 06:55:25.351 0.8 T__ --- 6795678 FDSN OE -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/07/30 12:01:54.76 1.14 1.02 48.4048 17.3395 9.5 3.2 124 0.0f 9 6 191 0.05 1.10 sx BUD 17001958 BUD 260

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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 0.05 233.0 Pg 12:01:56.533 0.1 T__ --- 6796982 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.05 233.0 Lg 12:01:57.998 -0.2 T__ --- 6796981 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.26 217.2 Lg 12:02:03.582 -1.5 T__ --- 6796983 FDSN SK -- BUD iLoc HHZ ??? _
JAVC 0.50 25.7 Pg 12:02:05.556 0.2 T__ 60.8 --- ML 1.5 6796984 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.50 25.7 Lg 12:02:13.195 -0.4 T__ --- 6796985 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KRUC 0.91 316.8 Pg 12:02:12.918 0.7 T__ 37.4 --- ML 1.6 6796986 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.91 316.8 Lg 12:02:24.160 -1.4 T__ --- 6796987 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 0.99 225.2 Lg 12:02:28.463 1.0 T__ --- 6796979 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.10 244.8 Lg 12:02:31.118 0.5 T__ --- 6796980 FDSN OE -- BUD iLoc HHN ??? _

```

```

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

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2021/07/31 09:04:14.70 0.96 1.04 46.1757 18.3034 9.0 3.3 155 0.0f 9 7 152 0.17 1.19 sx BUD 17001960 BUD 157

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.17	238.4	Pg	09:04:19.362	0.7					T__		684.7		---	ML	1.6	6801053	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.17	238.4	Lg	09:04:20.477	-1.4					T__				---		6801055	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	0.24	80.5	Pg	09:04:20.711	0.7					T__		136.7		---	ML	1.1	6801054	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.24	80.5	Lg	09:04:24.058	-0.3					T__				---		6801056	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A266A	0.35	355.6	Lg	09:04:27.630	-0.5					T__				---		6801057	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A273A	0.43	232.8	Lg	09:04:29.231	-0.5					T__				---		6801058	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU22A	0.59	74.8	Lg	09:04:35.306	-1.7					T__				---		6801059	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	1.13	332.4	Sn	09:04:52.894	-0.5					T__				---		6801060	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	1.19	358.6	Sn	09:04:55.348	0.1					T__				---		6801061	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/02	08:04:50.00	1.12	0.66	48.0474	20.3561	10.5	3.8	143	0.0f	7	4	191	0.14	0.47	kx	BUD	17001962	BUD				314
2021/08/02	08:04:49.11	0.97	1.12	47.9767	20.3679f				0.0f	7	4	223	0.18	0.53	kx	BUD_GT	17001963	BUD_GT				332

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

Magnitude Err Nsta Author OrigID  
ML 1.0 0.1 3 BUD\_GT 17001963

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.18	35.8	Pg	08:04:53.422	0.1					T__		155.0		---	ML	1.0	6813603	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	08:04:56.356	-0.6					T__				---		6813607	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.32	259.8	Pg	08:04:58.070	1.6					T__		36.2		---	ML	0.8	6813608	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	259.8	Lg	08:05:02.125	0.1					T__				---		6813609	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.51	8.8	Lg	08:05:06.124	-1.3					T__				---		6813606	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.53	12.4	Pg	08:04:59.462	-0.4					T__		18.5		---	ML	1.0	6813604	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	08:05:06.440	-1.6					T__				---		6813605	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/02	08:11:14.50	1.28	0.81	47.9319	20.0710	12.5	3.1	157	0.0f	11	6	205	0.12	1.00	sx	BUD	17001964	BUD				234

Magnitude Err Nsta Author OrigID  
ML 1.6 0.0 5 BUD 17001964

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

PSZ	0.12	263.6	Pg	08:11:18.221	0.5	T__	1463.0	_c_	ML	1.8	6813670	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.12	263.6	Lg	08:11:19.527	-0.9	T__		---			6813669	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
HU03A	0.32	265.1	Pg	08:11:21.291	-0.2	T__	241.6	---	ML	1.6	6813671	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.32	265.1	Lg	08:11:27.031	0.4	T__		---			6813666	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU02A	0.36	57.8	Pg	08:11:21.909	-0.4	T__	188.5	---	ML	1.6	6813665	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	57.8	Lg	08:11:28.623	0.1	T__		---			6813672	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
KECS	0.62	26.5	Lg	08:11:36.423	0.0	T__		---			6813667	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.65	28.9	Pg	08:11:28.522	1.1	T__	75.6	---	ML	1.7	6813673	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	28.9	Lg	08:11:37.309	-0.0	T__		---			6813668	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
VYHS	1.00	304.7	Pn	08:11:35.803	1.0	T__	14.0	---	ML	1.2	6813664	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.00	304.7	Lg	08:11:48.004	-1.3	T__		---			6813674	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/02	09:13:08.88	1.06	1.06	46.1654	18.3043	21.2	3.7	160	0.0f		6	4	163	0.16	1.13	kx	BUD	17001966	BUD			268
2021/08/02	09:13:08.85	1.02	0.72	46.1765	18.2926f				0.0f		6	4	155	0.16	1.12	kx	BUD_GT	17001967	BUD_GT			263
(locality : Komló Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.16	236.7	Pg	09:13:13.143	0.4					T__		349.2		_c_	ML	1.3	6813700	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:13:15.149	-0.6					T__				---		6813701	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.25	80.9	Pg	09:13:14.638	0.3					T__		65.4		---	ML	0.8	6813703	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:13:17.880	-0.9					T__				---		6813702	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
BEHE	1.09	286.2	Lg	09:13:45.601	0.1					T__				---		6813704	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.12	332.7	Sn	09:13:46.389	-1.0					T__				---		6813705	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/02	13:28:37.99	1.05	1.22	47.8451	16.0341	11.0	3.9	38	0.0f		6	4	118	0.14	1.24	sx	BUD	17001968	BUD			199

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.14	305.7	Pg	13:28:40.977	-0.1					T__		56.1		---	ML	0.4	6813724	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	305.7	Lg	13:28:43.663	0.4					T__				---		6813727	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
RONA 0.23 129.4 Pg 13:28:42.984 0.1 T__ 31.9 ___ ML 0.4 6813725 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.23 129.4 Lg 13:28:45.978 -0.3 T__ ___ 6813728 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
ARSA 0.69 210.4 Lg 13:28:59.949 -0.0 T__ ___ 6813729 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.24 11.0 Sn 13:29:17.409 -2.0 T__ ___ 6813726 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/02	13:34:44.93	1.03	0.28	48.9484	21.2519	8.1	4.4	155	0.0f		11	7	126	0.65	1.59	sx	BUD	17001970	BUD			246

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17001970

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.65	226.4	Pg	13:34:57.931	0.0					T__		32.1		___	ML	1.4	6813773	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	226.4	Lg	13:35:07.738	0.0					T__				___		6813776	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KOLS	0.67	90.9	Pg	13:34:57.733	-0.1					T__				___		6813778	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.67	90.9	Lg	13:35:09.294	0.5					T__				___		6813779	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.69	227.8	Pg	13:34:58.703	0.1					T__		99.2		___	ML	1.9	6813774	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.69	227.8	Lg	13:35:08.860	-0.1					T__				___		6813777	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
NIE	0.78	307.3	Lg	13:35:10.999	0.1					T__				___		6813780	FDSN	PL	--	BUD	iLoc	BHE	???	_	
HU02A	0.96	210.6	Pg	13:35:04.185	-0.4					T__		23.7		___	ML	1.4	6813775	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	210.6	Lg	13:35:19.129	0.4					T__				___		6813783	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
PSZ	1.37	221.8	Sn	13:35:30.900	0.1					T__				___		6813781	FDSN	GE	--	BUD	iLoc	HHE	???	_	
OJC	1.59	323.9	Lg	13:35:36.017	-0.1					T__				___		6813782	FDSN	PL	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/03	07:02:50.81	3.21	0.85	48.0814	20.6161	21.5	6.7	129	0.0f		7	5	258	0.07	1.26	kx	BUD	17001972	BUD			296
2021/08/03	07:02:49.86	0.99	1.09	48.0750	20.6990f				0.0f		7	5	268	0.13	1.31	kx	BUD_GT	17001973	BUD_GT			303

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

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Magnitude Err Nsta Author OrigID

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	292.1	Pg	07:02:53.499	0.5					T__		566.4		___	ML	1.4	6817077	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:02:54.773	-1.0					T__				___		6817078	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
KECS	0.43	340.8	Lg	07:03:05.087	-0.3					T__				___		6817079	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.43	345.9	Pg	07:02:59.477	0.8					T__		52.2		___	ML	1.2	6817081	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:03:05.304	-0.2					T__				___		6817080	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 254.1 Lg 07:03:08.840 -2.1 T__ --- 6817082 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.31 289.3 Sn 07:03:33.003 -0.9 T__ --- 6817083 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/03 07:23:22.07 1.30 1.25 48.0383 16.0955 9.6 6.3 106 0.0f 4 3 147 0.19 1.04 sx BUD 17001974 BUD 283

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.19 235.0 Lg 07:23:28.721 -0.2 T__ --- 6817122 FDSN OE -- BUD iLoc HHN ??? _
RONA 0.36 158.2 Lg 07:23:34.380 -0.3 T__ --- 6817119 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.04 10.9 Pg 07:23:42.804 0.7 T__ 23.4 --- ML 1.4 6817120 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.04 10.9 Lg 07:23:56.555 -1.0 T__ --- 6817121 FDSN CZ -- BUD iLoc HHE ??? _

```

(Reading ML: 1.4 magdef=1  
(Station ML: 1.4 magdef=0)

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/03 07:27:06.66 1.15 0.92 47.8405 19.1416 8.5 4.4 172 0.0f 6 4 192 0.08 0.69 kx BUD 17001976 BUD 261
2021/08/03 07:27:06.68 0.97 0.82 47.8355 19.1270f 0.0f 6 4 197 0.07 0.69 kx BUD_GT 17001977 BUD_GT 263

```

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

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 277.6 Pg 07:27:09.286 0.6 T__ 661.5 --- ML 1.3 6817141 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 07:27:09.981 -0.6 T__ --- 6817140 FDSN ZJ 00 BUD iLoc HHN ??? _

```

(Reading ML: 1.3 magdef=1  
(Station ML: 1.3 magdef=1)

```

HU03A 0.33 77.7 Lg 07:27:18.703 -0.4 T__ --- 6817142 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.52 80.6 Lg 07:27:25.109 -1.4 T__ --- 6817143 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.69 343.6 Pg 07:27:21.173 0.4 T__ 10.1 --- ML 0.9 6817145 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 343.6 Lg 07:27:30.281 -0.7 T__ --- 6817144 FDSN SK -- BUD iLoc HHN ??? _

```

(Reading ML: 0.9 magdef=1  
(Station ML: 0.9 magdef=1)

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/03 08:45:08.63 0.85 1.03 48.4505 19.1505 5.2 3.2 19 0.0f 24 14 124 0.21 1.89 sx BUD 17001978 BUD 148

```

Magnitude Err Nsta Author OrigID  
ML 2.0 0.1 10 BUD 17001978

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.21 281.9 Pg 08:45:14.312 1.1 T__ 345.7 --- ML 1.4 6817396 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.21 281.9 Lg 08:45:16.843 0.2 T__ --- 6817397 FDSN SK -- BUD iLoc HHN ??? _

```

(Reading ML: 1.4 magdef=1  
(Station ML: 1.4 magdef=0)

HU10A	0.61	188.3	Pg	08:45:21.861	0.6	T__	181.5	---	ML	2.1	6817399	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.61	188.3	Lg	08:45:30.120	-1.0	T__		---			6817398	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
HU03A	0.62	151.0	Pg	08:45:22.648	0.9	T__	131.4	---	ML	2.0	6817395	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.62	151.0	Lg	08:45:30.506	-0.6	T__		---			6817400	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
PSZ	0.73	136.6	Pg	08:45:24.253	0.1	T__	54.9	---	ML	1.6	6817402	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.73	136.6	Lg	08:45:33.902	-1.4	T__		---			6817401	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
KECS	0.89	87.4	Pg	08:45:27.109	0.8	T__	106.1	---	ML	2.0	6817404	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.89	87.4	Lg	08:45:38.842	-0.7	T__		---			6817403	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
JOS	0.93	86.7	Pg	08:45:28.190	1.2	T__	47.9	---	ML	1.7	6817406	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.93	86.7	Lg	08:45:40.000	-0.8	T__		---			6817405	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU02A	0.98	109.2	Pn	08:45:29.065	0.4	T__	86.5	---	ML	2.0	6817413	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	109.2	Lg	08:45:41.929	-1.4	T__		---			6817407	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
JAVC	1.06	293.2	Pg	08:45:30.154	-0.1	T__	63.0	---	ML	1.9	6817414	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.06	293.2	Lg	08:45:44.708	-1.7	T__		---			6817408	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
CSKK	1.24	209.2	Pn	08:45:33.124	0.9	T__	116.5	---	ML	2.3	6817415	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.24	209.2	Sn	08:45:50.034	-1.0	T__		---			6817410	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
MODS	1.25	267.2	Sn	08:45:50.188	-1.5	T__		---			6817409	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU08A	1.31	219.4	Pn	08:45:34.807	1.6	T__	224.0	---	ML	2.6	6817416	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.31	219.4	Sn	08:45:52.033	-0.6	T__		---			6817417	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
ZST	1.39	260.2	Sn	08:45:53.970	-0.8	T__		---			6817411	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORC	1.70	322.1	Sn	08:46:02.461	-0.7	T__		---			6817412	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	1.89	297.9	Sn	08:46:07.378	-0.5	T__		---			6817418	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/03	09:14:08.59	0.94	1.11	48.5714	17.3918	7.5	3.1	130	0.0f		10	6	154	0.21	1.21	sx	BUD	17001980	BUD			215

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	17001980

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.21	201.1	Pg	09:14:13.668	0.3											6817512	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.21	201.1	Lg	09:14:16.363	-1.0											6817519	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.34	32.6	Pg	09:14:16.290	0.3						104.1			---	ML	1.3	6817516	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.34	32.6	Lg	09:14:20.393	-1.4									---		6817517	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ZST 0.42 207.3 Lg 09:14:23.006 -1.2 T__ --- 6817518 FDSN SK -- BUD iLoc HHN ??? _
VYHS 0.96 94.1 Pg 09:14:29.029 1.0 T__ 10.2 --- ML 1.0 6817521 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.96 94.1 Lg 09:14:41.274 -0.7 T__ --- 6817520 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
RONA 1.14 220.5 Pg 09:14:30.843 -0.3 T__ 21.4 --- ML 1.5 6817515 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.14 220.5 Lg 09:14:46.126 0.2 T__ --- 6817514 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CONA 1.21 238.4 Lg 09:14:49.536 1.6 T__ --- 6817513 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.21 238.4 Pg 09:14:50.434 18.1 --- 18.8 --- ML 1.4 6817522 FDSN OE -- BUD iLoc HHE HHZ _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/03	09:29:20.11	1.03	0.84	47.4432	18.7195	9.2	3.5	152	0.0f	12	9	103	0.21	1.23	sx	BUD	17001982	BUD				169

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	17001982

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
BUD	0.21	78.8	Lg	09:29:28.072	-1.1					T__						6817553	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW1	0.32	261.0	Lg	09:29:31.511	-1.3					T__						6817554	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	0.32	255.8	Lg	09:29:32.415	-0.5					T__						6817555	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW2	0.37	248.0	Pg	09:29:28.871	0.9					T__	90.9					6817556	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.37	248.0	Lg	09:29:33.943	-0.7					T__						6817557	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																								
MSW3	0.41	261.7	Pg	09:29:29.184	0.6					T__	90.8					6817558	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.41	261.7	Lg	09:29:34.638	-1.1					T__						6817559	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																								
HU10A	0.45	26.6	Lg	09:29:36.862	-0.4					T__						6817560	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
PSZ	0.93	58.7	Lg	09:29:53.434	-0.4					T__						6817561	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	1.05	4.2	Pn	09:29:41.066	-0.2					T__	12.6					6817563	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.05	4.2	Lg	09:29:56.769	-0.2					T__						6817562	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																								
MORH	1.23	182.5	Sn	09:30:01.980	0.4					T__						6817564	FDSN	HU	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/03	12:31:40.70	0.79	0.64	47.7058	16.0276	4.1	3.0	146	5.2	11.7	36	21	71	0.18	2.30	ke	BUD	17001984	BUD				87

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	14 BUD	17001984

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
RONA	0.18	91.8	Pg	12:31:44.778	0.1					T__	497.6					_c_ ML 1.5 6818164	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

RONA	0.18	91.8	Lg	12:31:47.557	0.1	T__			6818163	FDSN	OE	--	BUD	iLoc	HHN	???	_		
				(Reading ML: 1.5 magdef=1															
				(Station ML: 1.5 magdef=0															
CONA	0.25	333.4	Pg	12:31:46.220	0.3	T__	313.4	---	ML	1.5	6818161	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	333.4	Lg	12:31:49.462	-0.1	T__		---			6818162	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1															
				(Station ML: 1.5 magdef=0															
A011B	0.30	188.9	Pg	12:31:46.828	0.0	T__	451.0	_d_	ML	1.8	6818178	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.30	188.9	Lg	12:31:50.376	-0.4	T__		---			6818166	FDSN	Z3	00	BUD	iLoc	HH2	???	_
				(Reading ML: 1.8 magdef=1															
				(Station ML: 1.8 magdef=1															
SOP	0.36	93.4	Pg	12:31:47.882	-0.1	T__	221.3	_c_	ML	1.6	6818165	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.36	93.4	Lg	12:31:53.029	0.0	T__		---			6818187	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.6 magdef=1															
				(Station ML: 1.6 magdef=1															
ARSA	0.57	217.1	Pg	12:31:51.519	-0.3	T__	381.5	---	ML	2.4	6818188	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.57	217.1	Lg	12:31:58.712	-0.3	T__		---			6818179	FDSN	OE	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.4 magdef=1															
				(Station ML: 2.4 magdef=0															
A018A	0.64	273.7	Pg	12:31:53.188	-0.0	T__	103.1	---	ML	1.9	6818189	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.9 magdef=1															
				(Station ML: 1.9 magdef=1															
A005B	0.68	10.1	Pg	12:31:54.464	0.6	T__	255.3	---	ML	2.3	6818181	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	0.68	10.1	Lg	12:32:04.237	0.8	T__		---			6818180	FDSN	Z3	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.3 magdef=1															
				(Station ML: 2.3 magdef=1															
A019A	0.69	248.2	Lg	12:32:03.387	0.3	T__					6818170	FDSN	Z3	00	BUD	iLoc	HH2	???	_
A003A	0.69	85.2	Pg	12:31:54.797	0.2	T__	234.8	---	ML	2.3	6818190	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A003A	0.69	85.2	Lg	12:32:05.257	0.8	T__		---			6818191	FDSN	Z3	00	BUD	iLoc	HH2	???	_
				(Reading ML: 2.3 magdef=1															
				(Station ML: 2.3 magdef=1															
ZST	0.87	55.4	Pg	12:31:57.190	-0.9	T__					6818182	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.87	55.4	Lg	12:32:10.161	-0.7	T__					6818171	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	1.07	51.0	Pg	12:32:01.561	-0.5	T__					6818183	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.07	51.0	Sn	12:32:16.377	-1.1	T__					6818167	FDSN	SK	--	BUD	iLoc	HHN	???	_
A001A	1.09	20.0	Pg	12:32:01.855	-0.2	T__	69.2	---	ML	1.9	6818184	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A001A	1.09	20.0	Lg	12:32:16.704	-1.2	T__		---			6818172	FDSN	Z3	00	BUD	iLoc	HH2	???	_
				(Reading ML: 1.9 magdef=1															
				(Station ML: 1.9 magdef=1															
KOGS	1.27	173.0	Sn	12:32:22.242	0.9	T__					6818173	FDSN	SL	--	BUD	iLoc	BHN	???	_
HU08A	1.31	101.4	Pn	12:32:05.981	1.2	T__	82.2	---	ML	2.1	6818185	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.31	101.4	Sn	12:32:24.003	1.2	T__		---			6818174	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=1															
KRUC	1.38	10.1	Pn	12:32:05.882	-0.2	T__	87.6	---	ML	2.2	6818186	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.38	10.1	Sn	12:32:24.705	0.2	T__		---			6818175	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.2 magdef=1															
				(Station ML: 2.2 magdef=1															
OBKA	1.57	220.7	Sn	12:32:30.126	0.5	T__					6818176	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	1.59	42.9	Pn	12:32:09.726	0.5	T__	48.7	---	ML	2.1	6818193	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.59	42.9	Sn	12:32:30.899	0.1	T__		---			6818177	FDSN	CZ	--	BUD	iLoc	HHN	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=1															

CKRC	1.60	314.8	Pg	12:32:10.119	-0.8	T__	357.5	___	ML	2.9	6818192	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.60	314.8	Sn	12:32:30.738	0.4	T__		---			6818169	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=0)																			
TREC	1.63	347.5	Sn	12:32:31.251	0.7	T__		---			6818168	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	1.65	13.0	Pn	12:32:09.873	0.1	T__	14.6	---	ML	1.6	6818194	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.65	13.0	Sn	12:32:31.678	0.6	T__		---			6818195	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
MORC	2.30	25.3	Sn	12:32:48.965	1.0	T__		---			6818196	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/04	05:05:58.87	0.93	1.26	47.3369	17.6289	5.6	3.1	154	0.0f		14	10	126	0.18	1.07	kx	BUD	17001986	BUD			197
2021/08/04	05:05:58.91	0.89	1.16	47.3300	17.6350f				0.0f		14	10	125	0.17	1.07	kx	BUD_GT	17001987	BUD_GT			198
(locality : Ugod Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD_GT	17001987

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.17	202.2	Pg	05:06:03.459	0.4					T__		450.2		---	ML	1.4	6825294	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.17	202.2	Lg	05:06:05.466	-0.9					T__				---		6825295	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU08A	0.22	62.6	Pg	05:06:04.325	0.4					T__		521.2		---	ML	1.6	6825298	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.22	62.6	Lg	05:06:07.027	-1.1					T__				---		6825297	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
EGYH	0.22	293.0	Lg	05:06:06.767	-1.4					T__				---		6825296	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.34	80.8	Pg	05:06:07.330	1.2					T__		242.6		---	ML	1.6	6825303	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.34	80.8	Lg	05:06:12.423	0.2					T__				---		6825304	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MSW2	0.39	93.8	Pg	05:06:08.569	1.4					T__		105.6		---	ML	1.4	6825306	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.39	93.8	Lg	05:06:13.570	-0.6					T__				---		6825305	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CSKK	0.43	85.3	Lg	05:06:13.935	-1.5					T__				---		6825299	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW1	0.43	81.3	Lg	05:06:14.304	-1.2					T__				---		6825307	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.59	58.4	Lg	05:06:19.137	-2.0					T__				---		6825300	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
RONA	0.98	292.7	Lg	05:06:31.806	0.4					T__				---		6825301	FDSN	OE	--	BUD	iLoc	HHN	???	_	
HU10A	1.07	60.7	Sn	05:06:35.568	-1.2					T__				---		6825302	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/04	07:03:11.93	1.32	0.64	46.1107	22.8399	9.9	4.8	50	0.0f		10	6	142	0.23	0.99	sx	BUD	17001990	BUD			213

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	17001990

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.23	169.0	Pg	07:03:16.756	0.4					T__		650.4		---	ML	1.8	6826491	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.23	169.0	Lg	07:03:18.956	-0.7					T__				---		6826490	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
DRGR	0.69	352.6	Lg	07:03:36.361	-0.6					T__				---		6826494	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.72	183.6	Pg	07:03:26.096	0.4					T__		48.2		---	ML	1.6	6826492	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.72	183.6	Lg	07:03:35.281	-0.6					T__				---		6826493	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
SIRR	0.83	281.3	Pg	07:03:29.183	0.2					T__		50.1		---	ML	1.7	6826496	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.83	281.3	Lg	07:03:40.761	-0.3					T__				---		6826495	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LOT	0.93	135.2	Lg	07:03:42.382	-0.9					T__				---		6826497	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.99	240.4	Pg	07:03:31.499	0.3					T__		23.4		---	ML	1.4	6826499	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.99	240.4	Lg	07:03:44.543	-0.5					T__				---		6826498	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/04	09:59:44.10	1.05	0.51	48.5444	20.3945	6.0	4.9	11	0.0f		11	6	120	0.09	1.04	sx	BUD	17001994	BUD			208

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	17001994

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.09	135.3	Pg	09:59:46.397	0.3					T__		968.9		---	ML	1.5	6826692	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.09	135.3	Lg	09:59:47.393	-0.4					T__				---		6826694	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.11	116.7	Pg	09:59:46.767	0.3					T__		689.2		---	ML	1.4	6826691	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	116.7	Lg	09:59:48.073	-0.4					T__				---		6826698	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.43	168.3	Pg	09:59:53.808	0.5					T__		51.0		---	ML	1.2	6826697	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.43	168.3	Lg	09:59:59.722	-0.6					T__				---		6826699	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
PSZ	0.71	208.3	Pg	09:59:59.688	0.5					T__		77.5		---	ML	1.8	6826695	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	208.3	Lg	10:00:09.417	-0.6					T__				---		6826693	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
NIE	0.88	355.9	Lg	10:00:12.757	-0.4					T__				---		6826700	FDSN	PL	--	BUD	iLoc	BHN	???	_	
VYHS	1.04	267.8	Pn	10:00:04.958	-0.0					T__		13.5		---	ML	1.2	6826696	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.04	267.8	Lg	10:00:19.598	-0.4					T__				---		6826701	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

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

2021/08/04 10:13:28.76 1.00 0.62 47.8731 20.1680 5.8 3.5 157 0.0f 13 7 122 0.19 1.09 kx BUD 17001996 BUD 231  
 2021/08/04 10:13:28.70 0.89 0.58 47.8650 20.1529f 0.0f 13 7 119 0.18 1.08 kx BUD\_GT 17001997 BUD\_GT 232  
 (locality : Kismána Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 6 BUD\_GT 17001997

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.18	287.2	Pg	10:13:34.083	0.9					T__		1006.5		---	ML	1.8 6826738	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:13:36.630	-0.2					T__				---		6826741	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
HU23A	0.24	163.9	Lg	10:13:38.033	-0.3					T__				---		6826745	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.36	44.0	Pg	10:13:36.739	0.2					T__		152.9		---	ML	1.5 6826739	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:13:41.679	-1.0					T__				---		6826742	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
HU03A	0.37	276.2	Pg	10:13:37.418	0.6					T__		136.5		---	ML	1.5 6826747	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.37	276.2	Lg	10:13:42.358	-0.4					T__				---		6826746	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
KECS	0.66	19.7	Pg	10:13:42.244	0.3					T__		126.7		---	ML	2.0 6826748	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.66	19.7	Lg	10:13:51.506	-0.5					T__				---		6826749	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																								
JOS	0.68	22.1	Pg	10:13:42.429	0.1					T__		31.6		---	ML	1.4 6826740	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	10:13:52.078	-0.7					T__				---		6826743	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
VYHS	1.08	306.0	Pg	10:13:50.539	-0.1					T__		13.3		---	ML	1.2 6826750	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.08	306.0	Lg	10:14:05.591	-0.8					T__				---		6826744	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/04	10:35:31.65	1.14	0.07	47.3181	18.2171	9.8	2.6	89	0.0f		6	4	161	0.02	0.09	sx	BUD	17001998	BUD			283

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MSW2	0.02	195.0	Pg	10:35:32.379	-0.0					T__		307.4		---	ML	0.8 6827382	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.02	195.0	Lg	10:35:33.466	0.0					T__				---		6827384	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																								
CSKK	0.05	33.2	Lg	10:35:35.342	0.0					T__				---		6827385	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW1	0.08	20.8	Lg	10:35:36.176	-0.0					T__				---		6827386	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW3	0.09	316.5	Pg	10:35:34.116	0.0					T__		82.8		---	ML	0.5 6827383	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.09	316.5	Lg	10:35:36.350	-0.1					T__				---		6827387	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/04	10:46:18.15	3.12	1.07	48.5134	20.7516	19.3	7.1	51	0.0f	9	5	291	0.14	1.27	sx	BUD	17002000	BUD				314

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	4 BUD	17002000

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.14	263.0	Pg	10:46:21.296	0.1					T__		321.4		___	ML	1.2	6827433	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	263.0	Lg	10:46:23.805	0.1					T__				---		6827434	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.18	260.4	Lg	10:46:25.547	0.6					T__				---		6827435	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.42	201.2	Pg	10:46:27.498	0.4					T__		25.3		---	ML	0.9	6827437	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	201.2	Lg	10:46:33.866	-0.2					T__				---		6827436	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
PSZ	0.83	224.2	Pn	10:46:35.300	-0.8					T__		31.8		---	ML	1.5	6827439	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.83	224.2	Lg	10:46:47.264	-0.8					T__				---		6827438	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VVHS	1.27	269.8	Pn	10:46:40.827	-1.5					T__		8.5		---	ML	1.1	6827440	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	1.27	269.8	Sn	10:46:59.815	-1.7					T__				---		6827441	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/04	15:34:56.49	1.18	0.24	47.5979	16.3638	7.7	4.7	5	0.0f	9	5	182	0.11	1.47	sx	BUD	17002002	BUD				257

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.4	4 BUD	17002002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	335.9	Pg	15:34:59.284	0.2					T__		266.9		___	ML	1.0	6827532	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	335.9	Lg	15:35:00.750	-0.3					T__				---		6827534	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SOP	0.16	56.9	Pg	15:35:00.127	0.1					T__		64.4		---	ML	0.5	6827533	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.16	56.9	Lg	15:35:02.443	-0.2					T__				---		6827535	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
CONA	0.47	314.5	Pg	15:35:06.115	0.1					T__		31.8		---	ML	1.1	6827537	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.47	314.5	Lg	15:35:12.290	-0.1					T__				---		6827536	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ARSA	0.67	239.0	Lg	15:35:17.696	-0.2					T__				---		6827538	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.47	0.8	Pn	15:35:23.349	-0.3					T__		19.8		---	ML	1.6	6827540	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.47	0.8	Sn	15:35:43.727	0.2					T__				---		6827539	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/05	06:47:07.20	1.15	0.93	47.3219	18.3367	6.6	4.4	99	0.0f	14	11	109	0.07	1.24	sx	BUD	17002006	BUD				153

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.5	3 BUD	17002006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.07	308.5	Pg	06:47:09.857	0.7				T__			3127.0		___	ML	2.0	6829694	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	308.5	Lg	06:47:10.417	-0.9				T__					---		6829693	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MSW2	0.09	257.1	Lg	06:47:11.433	-0.6				T__					---		6829700	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW1	0.09	323.4	Lg	06:47:11.149	-0.9				T__					---		6829701	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW3	0.16	293.2	Lg	06:47:13.747	-0.5				T__					---		6829702	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.32	5.6	Lg	06:47:19.074	-0.8				T__					---		6829695	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SR0	0.49	358.2	Lg	06:47:25.367	-0.5				T__					---		6829696	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.56	254.7	Lg	06:47:26.894	-0.7				T__					---		6829692	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.13	169.1	Pn	06:47:30.118	1.2				T__			32.9		---	ML	1.6	6829698	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.13	169.1	Lg	06:47:44.938	-1.0				T__					---		6829697	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.21	59.9	Sn	06:47:48.171	-0.9				T__					---		6829703	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VYHS	1.22	15.8	Pn	06:47:31.081	0.5				T__			13.5		---	ML	1.3	6829705	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.22	15.8	Sn	06:47:47.846	-1.4				T__					---		6829704	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOVH	1.24	187.6	Sn	06:47:49.378	0.3				T__					---		6829699	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/05	07:32:20.00	2.85	1.29	48.4533	20.6677	19.7	7.0	75	0.0f	7	5	259	0.10	1.22	sx	BUD	17002008	BUD				287

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.10	296.5	Pg	07:32:21.988	-0.2				T__			145.8		___	ML	0.7	6829728	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.10	296.5	Lg	07:32:24.419	0.4				T__					---		6829732	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KECS	0.12	283.9	Pg	07:32:22.595	-0.2				T__			413.8		___	ML	1.3	6829733	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.12	283.9	Lg	07:32:25.451	0.5				T__					---		6829729	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.34	196.1	Lg	07:32:34.044	0.7				T__					---		6829730	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.74	224.3	Lg	07:32:46.577	-0.6				T__					---		6829734	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.22	272.6	Sn	07:32:59.651	-2.3				T__					---		6829731	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/05	13:26:50.56	4.21	1.66	46.8383	22.7088	28.7	18.6	47	0.0f	7	6	237	0.05	1.57	sx	BUD	17002012	BUD				279

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.05	178.1	Pg	13:26:52.044	0.1					T__		159.0		---	ML	0.6	6830508	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.05	178.1	Lg	13:26:53.125	-0.1					T__				---		6830510	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.6 magdef=1)																					
				(Station ML: 0.6 magdef=0)																					
SIRR	0.92	232.1	Lg	13:27:22.708	0.1					T__				---		6830511	FDSN	RO	--	BUD	iLoc	HHN	???	_	
HU24A	1.07	274.4	Sn	13:27:26.334	-1.6					T__				---		6830512	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BZS	1.44	212.2	Sn	13:27:37.136	-0.1					T__				---		6830514	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.45	178.1	Sn	13:27:36.741	-1.2					T__				---		6830509	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.57	151.7	Sn	13:27:38.974	-2.6					T__				---		6830513	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/05	16:22:25.11	0.97	0.88	47.5555	16.7701	4.9	3.0	26	7.9	16.5	17	13	76	0.19	1.53	ke	BUD	17002014	BUD			96

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ML	1.1	0.5	4	BUD												17002014									
SOP	0.19	311.8	Pg	16:22:29.817	0.5					T__		84.1		---	ML	0.8	6830575	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.19	311.8	Lg	16:22:32.077	-0.2					T__				---		6830564	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
RONA	0.35	294.4	Pg	16:22:32.140	-0.3					T__		37.4		---	ML	0.8	6830561	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.35	294.4	Lg	16:22:36.848	-0.5					T__				---		6830565	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
EGYH	0.41	109.8	Pg	16:22:34.082	0.6					T__		148.7		---	ML	1.6	6830563	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.41	109.8	Lg	16:22:39.330	-0.3					T__				---		6830566	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
MPLH	0.65	126.1	Lg	16:22:46.996	-0.7					T__				---		6830567	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ZST	0.68	19.1	Lg	16:22:48.771	-0.1					T__				---		6830569	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A262A	0.71	193.5	Lg	16:22:48.160	-0.4					T__				---		6830568	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CONA	0.72	301.6	Pg	16:22:39.706	0.3					T__		32.5		---	ML	1.4	6830570	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.72	301.6	Lg	16:22:47.733	-1.2					T__				---		6830560	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU08A	0.79	98.6	Lg	16:22:51.970	-1.1					T__				---		6830576	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MODS	0.89	22.4	Lg	16:22:55.438	-0.7					T__				---		6830571	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A005B	0.90	335.3	Lg	16:22:55.648	0.4					T__				---		6830572	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A019A	1.15	265.1	Lg	16:23:02.986	0.9					T__				---		6830562	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KOGS	1.16	198.0	Lg	16:23:02.614	-0.1					T__				---		6830573	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KRUC	1.53	350.7	Sn	16:23:14.080	2.1					T__				---		6830574	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/06	08:23:48.94	0.96	1.70	48.9483	19.3630	6.0	3.9	151	0.0f		14	8	146	0.57	1.13	sx	BUD	17002016	BUD			213

Magnitude	Err	Nsta	Author	OrigID																		
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ML 1.5 0.2 6 BUD 17002016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.57	217.7	Pg	08:24:01.983	1.4					T__		19.7		---	ML	1.1	6830981	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.57	217.7	Lg	08:24:09.238	0.3					T__				---		6830980	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
NIE	0.77	52.2	Pg	08:24:04.979	1.4					T__		19.0		---	ML	1.2	6830982	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.77	52.2	Lg	08:24:13.780	-0.8					T__				---		6830983	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KECS	0.88	121.6	Lg	08:24:18.158	-1.2					T__				---		6830984	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.90	119.7	Pg	08:24:06.120	-0.6					T__		32.3		---	ML	1.5	6830978	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.90	119.7	Lg	08:24:18.316	-1.8					T__				---		6830979	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU03A	1.06	171.3	Sn	08:24:26.077	-0.6					T__				---		6830987	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	1.09	160.8	Pn	08:24:11.450	0.7					T__		42.0		---	ML	1.7	6830989	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.09	160.8	Lg	08:24:27.288	-0.5					T__				---		6830988	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
JAVC	1.12	266.1	Pn	08:24:09.773	-1.7					T__		42.9		---	ML	1.8	6830986	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.12	266.1	Lg	08:24:24.214	-4.2					T__				---		6830985	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
HU02A	1.13	136.5	Pn	08:24:11.730	0.5					T__		26.4		---	ML	1.6	6830991	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.13	136.5	Lg	08:24:28.034	0.1					T__				---		6830990	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/06	08:35:20.91	1.24	0.99	48.5462	20.8225	7.8	4.8	106	0.0f		12	8	137	0.19	1.80	sx	BUD	17002018	BUD			226

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	4 BUD	17002018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	255.1	Pg	08:35:25.140	0.1					T__		326.8		---	ML	1.4	6831026	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	255.1	Lg	08:35:28.073	-0.2					T__				---		6831027	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	0.23	254.4	Lg	08:35:29.663	0.1					T__				---		6831028	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.47	205.2	Pg	08:35:31.378	0.5					T__		36.6		---	ML	1.2	6831030	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	205.2	Lg	08:35:38.093	-0.4					T__				---		6831029	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
PSZ	0.88	225.0	Lg	08:35:51.541	-1.2					T__				---		6831034	FDSN	GE	--	BUD	iLoc	HNN	???	_	
NIE	0.94	338.7	Pg	08:35:39.182	0.6					T__		22.2		---	ML	1.4	6831033	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.94	338.7	Lg	08:35:51.197	-0.8					T__				---		6831031	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KOLS	1.04	67.5	Lg	08:35:55.404	-1.4					T__				---		6831035	FDSN	SK	--	BUD	iLoc	HNN	???	_	

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VYHS 1.32 268.5 Pn 08:35:46.182 0.4 T__ 12.6 ___ ML 1.3 6831037 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.32 268.5 Sn 08:36:03.858 -1.6 T__ ___ 6831036 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
OJC 1.80 338.6 Sn 08:36:16.619 -1.1 T__ ___ 6831032 FDSN PL -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/06 09:00:52.87 1.03 0.33 47.3188 18.2228 6.7 2.5 109 0.0f 8 4 176 0.02 0.09 sx BUD 17002020 BUD 284

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Magnitude Err Nsta Author OrigID
ML 1.0 0.0 4 BUD 17002020

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.02 206.1 Pg 09:00:53.551 -0.1 T__ 433.8 ___ ML 1.0 6831068 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.02 206.1 Lg 09:00:55.095 0.2 T__ ___ 6831064 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
CSKK 0.05 30.1 Pg 09:00:54.506 -0.1 T__ 377.1 ___ ML 1.0 6831069 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.05 30.1 Lg 09:00:56.971 0.5 T__ ___ 6831065 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.08 18.4 Pg 09:00:55.026 -0.1 T__ 278.4 ___ ML 1.0 6831066 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 18.4 Lg 09:00:57.008 -0.3 T__ ___ 6831070 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW3 0.09 314.4 Pg 09:00:55.234 -0.1 T__ 116.2 ___ ML 0.6 6831067 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.09 314.4 Lg 09:00:57.946 0.2 T__ ___ 6831071 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/06 10:05:45.70 0.87 1.14 47.0126 22.3032 7.7 4.8 13 0.0f 26 15 78 0.36 2.31 sx BUD 17002022 BUD 101

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Magnitude Err Nsta Author OrigID
ML 2.2 0.4 14 BUD 17002022

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.36 128.2 Pg 10:05:52.913 -0.1 T__ 384.4 _c_ ML 1.9 6831228 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.36 128.2 Lg 10:05:57.592 -1.4 T__ ___ 6831229 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU24A 0.79 262.9 Pg 10:06:02.451 0.0 T__ 353.5 ___ ML 2.5 6831243 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
SIRR 0.87 211.0 Pg 10:06:03.163 -0.1 T__ 63.2 ___ ML 1.8 6831222 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.87 211.0 Lg 10:06:14.317 -1.9 T__ ___ 6831221 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
CJR 0.94 108.2 Pg 10:06:04.259 0.2 T__ 408.5 ___ ML 2.6 6831235 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.94 108.2 Pb 10:06:04.976 0.9 T__ 408.7 ___ ML 2.6 6831223 FDSN RO -- BUD iLoc HHZ HHZ _

```

CJR	0.94	108.2	Lg	10:06:16.804	-1.5	T__									6831236	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																							
(Station ML: 2.6 magdef=1)																							
HU07A	1.00	344.9	Pn	10:06:06.596	0.8	T__	193.3								6831227	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	1.00	344.9	Lg	10:06:19.427	-1.7	T__									6831244	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																							
(Station ML: 2.3 magdef=1)																							
TRPA	1.13	8.0	Pn	10:06:07.671	-0.0	T__	53.4								6831237	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.13	8.0	Lg	10:06:23.127	-1.8	T__									6831238	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
ARCR	1.40	86.3	Pn	10:06:12.731	0.9	T__	157.9								6831230	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
ARCR	1.40	86.3	Sn	10:06:31.737	-0.4	T__									6831224	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																							
(Station ML: 2.5 magdef=1)																							
BZS	1.48	199.1	Pn	10:06:13.150	0.6	T__	69.1								6831220	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.48	199.1	Sn	10:06:32.543	-0.7	T__									6831225	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
HU02A	1.64	313.3	Pn	10:06:14.363	-0.4	T__	19.1								6831239	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.64	313.3	Sn	10:06:37.780	0.6	T__									6831240	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=0)																							
GZR	1.65	168.4	Pg	10:06:17.705	0.7	T__	63.9								6831245	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.65	168.4	Sn	10:06:38.089	0.0	T__									6831226	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																							
(Station ML: 2.2 magdef=1)																							
LOT	1.87	146.4	Pn	10:06:20.693	2.0	T__	237.4								6831231	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.87	146.4	Sn	10:06:44.445	0.6	T__									6831232	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																							
(Station ML: 2.9 magdef=0)																							
PSZ	1.87	299.9	Pn	10:06:17.708	-0.4	T__	38.2								6831241	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							
JOS	1.90	321.9	Pn	10:06:19.355	1.0	T__	17.2								6831233	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
HU03A	2.04	296.9	Pn	10:06:20.559	0.3	T__	250.2								6831234	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																							
(Station ML: 3.0 magdef=0)																							
A272A	2.31	264.5	Sn	10:06:55.176	2.5	T__									6831242	FDSN	Z3	00	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/06	10:54:35.87	0.89	0.92	48.3428	19.8529	4.4	3.2	150	0.0f		14	8	92	0.43	1.12	sx	BUD	17002024	BUD			148

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	6 BUD	17002024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.43	176.2	Pg	10:54:45.772	0.5					T__		125.1			ML	1.6	6831334	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.43	176.2	Lg	10:54:52.347	0.2					T__						6831333	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

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(Station ML: 1.6 magdef=1
KECS 0.44 71.3 Pg 10:54:45.746 0.9 T__ 191.6 --- ML 1.8 6831327 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.44 71.3 Lg 10:54:51.380 -0.4 T__ --- 6831326 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU03A 0.47 201.2 Pg 10:54:46.770 0.9 T__ 64.4 --- ML 1.4 6831335 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.47 201.2 Lg 10:54:51.731 -1.4 T__ --- 6831329 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
JOS 0.48 71.2 Pg 10:54:46.132 0.5 T__ 97.5 --- ML 1.6 6831324 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.48 71.2 Lg 10:54:52.770 -0.2 T__ --- 6831325 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.50 115.9 Pg 10:54:46.691 0.2 T__ 78.5 --- ML 1.6 6831330 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 115.9 Lg 10:54:52.428 -2.2 T__ --- 6831328 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 283.0 Pg 10:54:49.820 -0.2 T__ 11.7 --- ML 1.0 6831332 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.69 283.0 Lg 10:54:59.813 -0.4 T__ --- 6831331 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU10A 0.75 228.6 Lg 10:55:03.318 0.1 T__ --- 6831337 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 1.12 15.2 Lg 10:55:13.009 -0.3 T__ --- 6831336 FDSN PL -- BUD iLoc BHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/07 23:09:44.72 1.12 0.74 47.5373 18.5845 7.5 4.9 121 10.0f 6 5 134 0.17 1.32 ke BUD 17002026 BUD 231

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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 0.17 306.6 Lg 23:09:52.152 0.0 T__ 6834232 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 0.28 231.7 Pg 23:09:51.097 0.3 T__ 29.6 --- ML 0.6 6834233 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.28 231.7 Lg 23:09:54.825 -1.0 T__ --- 6834237 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
HU10A 0.43 43.4 Lg 23:10:00.093 -0.5 T__ --- 6834234 FDSN ZJ 00 BUD iLoc HHE ??? _
A267A 0.60 186.8 Lg 23:10:06.078 0.1 T__ --- 6834235 FDSN Z3 00 BUD iLoc HHN ??? _
MORH 1.32 178.2 Sn 23:10:26.448 0.5 T__ --- 6834236 FDSN HU -- BUD iLoc HHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/09 07:10:24.90 4.20 0.56 46.8664 22.8187 46.2 17.2 155 0.0f 9 5 281 0.11 1.56 sx BUD 17002028 BUD 307

```

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 4 BUD 17002028

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.11 224.7 Pg 07:10:27.356 -0.0 T__ 159.7 --- ML 0.8 6836838 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.11 224.7 Lg 07:10:29.666 0.1 T__ --- 6836839 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1

```

SIRR	1.00	233.6	Lg	07:10:59.212	-0.1	T__									6836840	FDSN	RO	--	BUD	iLoc	HHN	???	_
GZR	1.47	181.2	Pn	07:10:52.687	0.5	T__									6836841	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.47	181.2	Sn	07:11:12.389	-0.6	T__				33.0					6836843	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																							
(Station ML: 1.8 magdef=1)																							
BZS	1.50	214.2	Pg	07:10:54.356	0.1	T__									6836845	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.50	214.2	Sn	07:11:13.086	-0.1	T__									6836844	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
LOT	1.56	154.7	Pn	07:10:53.812	0.1	T__									6836842	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.56	154.7	Sn	07:11:14.670	-1.1	T__									6836846	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/09	07:15:13.23	1.03	1.03	48.4153	20.7643	40.1	3.5	22	0.0f		6	3	179	0.17	0.34	sx	BUD	17002030	BUD			351

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.2	3 BUD	17002030

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.17	298.4	Pg	07:15:17.109	0.2					T__		78.8			ML	0.7	6836890	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	298.4	Lg	07:15:19.515	-0.2					T__						6836892	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KECS	0.20	290.2	Pg	07:15:17.659	0.2					T__		216.8			ML	1.2	6836894	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	290.2	Lg	07:15:20.335	-0.4					T__						6836893	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.34	110.4	Pg	07:15:20.905	0.6					T__		35.7			ML	0.8	6836891	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.34	110.4	Lg	07:15:24.781	-1.6					T__						6836895	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/09	07:52:22.88	1.85	1.49	47.3018	17.6429	20.9	3.7	143	0.0f		9	5	185	0.15	1.44	sx	BUD	17002032	BUD			246

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	4 BUD	17002032

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.15	208.2	Pg	07:52:26.774	0.2					T__		547.4			ML	1.5	6836986	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.15	208.2	Lg	07:52:29.102	-0.5					T__						6836987	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MSW3	0.34	75.9	Pg	07:52:30.144	0.0					T__		206.8			ML	1.6	6836989	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.34	75.9	Lg	07:52:35.217	-1.0					T__						6836988	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MSW2	0.39	89.7	Pg	07:52:31.708	0.7					T__		126.6			ML	1.5	6836990	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

```

MSW2  0.39 89.7 Lg      07:52:37.718 -0.2      T__      ___      6836991  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH  1.29 147.3 Sn     07:53:02.455 -3.1      T__      ___      6836992  FDSN HU      -- BUD  iLoc  HHN ??? _
VYHS  1.44 33.5 Pn      07:52:50.713  1.3      T__      11.7    ___ ML   1.4 6836994  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  1.44 33.5 Sn      07:53:09.681 -0.5      T__      ___      6836993  FDSN SK      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/08/09 08:06:45.18 1.21 1.09 48.0511 20.6923 7.9 4.7 154 0.0f 9 6 200 0.44 1.37 kx BUD 17002034 BUD 234
2021/08/09 08:06:45.48 0.97 0.95 48.0750 20.6990f 0.0f 9 6 195 0.42 1.35 kx BUD_GT 17002035 BUD_GT 230
(locality : Miskolc-Mexikóvölgy Hungary)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author      OrigID
ML      1.4 0.0 3 BUD_GT 17002035

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```

Sta  Dist EvAz Phase      Time      TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.42 58.4 Pg      08:06:54.807 0.6      T__      ___      36.9    ___ ML   1.0 6837026 FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH 0.42 58.4 Lg      08:07:00.706 -1.0     T__      ___      ___      6837025 FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.43 340.8 Lg     08:07:01.131 0.1      T__      ___      ___      6837024 FDSN SK      -- BUD  iLoc  EHN ??? _
JOS  0.43 345.9 Pg     08:06:55.242 0.9      T__      75.8    ___ ML   1.4 6837028 FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS  0.43 345.9 Lg     08:07:00.341 -0.8     T__      ___      ___      6837023 FDSN ZJ      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ  0.56 254.1 Pg     08:06:57.553 -0.1     T__      34.8    ___ ML   1.4 6837029 FDSN GE      -- BUD  iLoc  HHZ HHZ _
PSZ  0.56 254.1 Lg     08:07:05.023 -1.5     T__      ___      ___      6837027 FDSN GE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 1.31 289.3 Sn     08:07:28.542 -1.0     T__      ___      ___      6837030 FDSN SK      -- BUD  iLoc  HHN ??? _
KOLS 1.35 50.0 Sn      08:07:29.803 -1.1     T__      ___      ___      6837031 FDSN SK      -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/08/09 08:14:44.86 2.92 0.68 46.9161 22.7821 27.2 10.9 77 0.0f 10 6 206 0.13 1.62 sx BUD 17002036 BUD 244

```

```

Magnitude Err Nsta Author      OrigID
ML      1.8 0.2 4 BUD 17002036

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```

Sta  Dist EvAz Phase      Time      TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.13 201.4 Pg     08:14:47.810 -0.1     T__      107.1   ___ ML   0.7 6837058 FDSN RO      -- BUD  iLoc  HHZ HHZ _
DRGR 0.13 201.4 Lg     08:14:50.608 0.1      T__      ___      ___      6837062 FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
LTVH 0.76 308.3 Lg     08:15:12.299 -0.1     T__      ___      ___      6837063 FDSN HU      -- BUD  iLoc  HHN ??? _
HU24A 1.11 270.3 Sn     08:15:23.653 0.2      T__      ___      ___      6837061 FDSN ZJ      00 BUD  iLoc  HHN ??? _
GZR  1.52 180.1 Pn     08:15:13.114 0.2      T__      30.8    ___ ML   1.8 6837059 FDSN RO      -- BUD  iLoc  HHZ HHZ _
GZR  1.52 180.1 Sn     08:15:33.547 -0.6     T__      ___      ___      6837064 FDSN RO      -- BUD  iLoc  HHN ??? _

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```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BZS 1.53 212.3 Pn 08:15:13.418 0.8 T__ 28.3 ___ ML 1.8 6837060 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.53 212.3 Sn 08:15:33.608 -0.2 T__ ___ 6837065 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LOT 1.62 154.6 Pn 08:15:15.004 0.5 T__ 47.2 ___ ML 2.1 6837067 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.62 154.6 Sn 08:15:35.801 -1.3 T__ ___ 6837066 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/09 10:16:10.79 0.90 1.10 47.3643 18.3761 4.9 3.4 141 0.0f 27 20 79 0.08 1.94 sx BUD 17002038 BUD 109

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 8 BUD 17002038

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.08 269.2 Pg 10:16:13.502 0.5 T__ 3750.0 ___ ML 2.1 6837152 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.08 269.2 Lg 10:16:14.323 -1.0 T__ ___ 6837158 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MSW1 0.08 289.8 Pg 10:16:14.034 0.9 T__ 1992.4 ___ ML 1.8 6837174 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MSW2 0.13 241.2 Pg 10:16:14.416 0.4 T__ 310.8 ___ ML 1.1 6837175 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.13 241.2 Lg 10:16:15.665 -1.3 T__ ___ 6837176 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
MSW3 0.17 276.4 Pg 10:16:15.869 1.1 T__ 726.5 ___ ML 1.6 6837178 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.17 276.4 Lg 10:16:17.104 -1.2 T__ ___ 6837177 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU09A 0.27 0.9 Lg 10:16:21.120 -0.8 T__ ___ 6837159 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.31 282.5 Lg 10:16:22.122 -1.1 T__ ___ 6837160 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.60 251.5 Pg 10:16:23.846 0.7 T__ 91.9 ___ ML 1.8 6837153 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.60 251.5 Lg 10:16:31.690 -0.7 T__ ___ 6837161 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.65 41.9 Lg 10:16:34.111 -0.8 T__ ___ 6837162 FDSN ZJ 00 BUD iLoc HHN ??? _
EGYH 0.71 274.6 Lg 10:16:34.963 -1.1 T__ ___ 6837163 FDSN HU -- BUD iLoc HHN ??? _
A266A 0.84 185.2 Lg 10:16:39.913 -0.1 T__ ___ 6837164 FDSN Z3 00 BUD iLoc HHN ??? _
HU01A 0.85 90.9 Lg 10:16:40.597 -1.2 T__ ___ 6837165 FDSN ZJ 00 BUD iLoc HHN ??? _
MORH 1.16 170.8 Sn 10:16:50.023 -0.6 T__ ___ 6837166 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.17 61.1 Pn 10:16:33.812 0.3 T__ 41.6 ___ ML 1.8 6837155 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.17 61.1 Sn 10:16:50.414 -1.1 T__ ___ 6837168 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.17 15.1 Pn 10:16:34.217 0.7 T__ 11.5 ___ ML 1.2 6837154 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.17 15.1 Lg 10:16:50.393 -1.2 T__ ___ 6837167 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

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MODS	1.25	324.2	Sn	10:16:52.440	-1.2	T__								6837169	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.29	188.6	Pn	10:16:37.243	2.4	T__	21.8							6837156	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.29	188.6	Sn	10:16:53.479	-0.3	T__								6837170	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
RONA	1.45	284.2	Sn	10:16:57.847	0.0	T__								6837171	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	1.57	342.7	Sn	10:17:01.730	-0.4	T__								6837172	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CONA	1.79	289.3	Sn	10:17:06.579	0.1	T__								6837157	FDSN	OE	--	BUD	iLoc	HHN	???	_
ARSA	1.94	267.7	Sn	10:17:11.712	2.3	T__								6837173	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/09	10:56:18.82	0.85	1.15	48.2433	21.2458	4.8	3.3	52	0.0f	25	15	52	0.05	1.76	kx	BUD	17002040	BUD				101
2021/08/09	10:56:18.65	0.84	1.04	48.2470	21.2460f				0.0f	25	15	52	0.05	1.76	kx	BUD_GT	17002041	BUD_GT				102
(locality : Tallya Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	9 BUD_GT	17002041

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	10:56:21.054	0.8					T__		13514.3		_c_	ML	2.6	6837236	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:56:21.479	-0.3					T__						6837255	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
HU07A	0.52	120.5	Pg	10:56:30.130	0.8					T__		342.1			ML	2.3	6837238	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.52	120.5	Lg	10:56:37.062	-1.5					T__						6837256	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
JOS	0.53	298.1	Pg	10:56:30.008	0.6					T__		122.6			ML	1.9	6837237	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	10:56:37.427	-0.1					T__						6837257	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
KECS	0.56	295.3	Pg	10:56:30.859	0.9					T__		229.6			ML	2.2	6837240	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	10:56:37.974	-0.5					T__						6837239	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU05A	0.70	186.1	Pn	10:56:34.082	-0.3					T__		455.1			ML	2.5	6837241	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.70	186.1	Lg	10:56:43.143	-1.7					T__						6837258	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
TRPA	0.87	97.2	Pg	10:56:36.454	0.8					T__		138.5			ML	2.1	6837242	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	10:56:48.494	-1.6					T__						6837243	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PSZ	0.96	250.6	Pg	10:56:38.886	-0.1					T__		100.6			ML	2.0	6837247	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	10:56:51.474	-1.9					T__						6837246	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KOLS	0.97	44.4	Pn	10:56:39.434	0.9					T__						6837245	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	44.4	Lg	10:56:51.231	-1.7					T__						6837244	FDSN	SK	--	BUD	iLoc	HHN	???	_	
BSZH	1.16	215.2	Pg	10:56:42.170	-1.0					T__		291.0			ML	2.6	6837250	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	1.16	215.2	Sn	10:56:57.798	-0.4					T__						6837249	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
HU03A 1.16 253.3 Pn 10:56:41.623 0.7 T__ 95.5 ___ ML 2.1 6837248 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 1.16 253.3 Sn 10:56:57.677 -0.7 T__ ___ 6837259 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
NIE 1.33 332.3 Lg 10:57:01.697 -1.5 T__ ___ 6837251 FDSN PL -- BUD iLoc BHN ??? _
HU24A 1.34 182.6 Sn 10:57:03.085 0.5 T__ ___ 6837252 FDSN ZJ 00 BUD iLoc HHN ??? _
HU10A 1.55 255.8 Sn 10:57:08.874 0.9 T__ ___ 6837253 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.63 279.6 Sn 10:57:10.803 0.4 T__ ___ 6837254 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.76 145.2 Sn 10:57:14.877 1.2 T__ ___ 6837260 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/09 18:11:33.08 0.97 0.40 47.8346 16.2144 4.3 3.2 28 12.2 8.7 17 11 61 0.15 1.23 ke BUD 17002044 BUD 95

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Magnitude Err Nsta Author OrigID
ML 1.0 0.6 6 BUD 17002044

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.15 157.7 Pg 18:11:36.975 0.0 T__ 71.9 _d ML 0.6 6837481 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.15 157.7 Lg 18:11:39.255 -0.4 T__ ___ 6837480 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
CONA 0.26 291.7 Pg 18:11:38.727 -0.1 T__ 19.7 ___ ML 0.3 6837479 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 291.7 Lg 18:11:42.467 -0.3 T__ ___ 6837482 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.3 magdef=1
(Station ML: 0.3 magdef=0
SOP 0.28 123.0 Pg 18:11:39.256 0.1 T__ 38.7 ___ ML 0.7 6837484 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.28 123.0 Lg 18:11:42.965 -0.3 T__ ___ 6837483 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A005B 0.54 359.4 Lg 18:11:52.056 0.6 T__ ___ 6837485 FDSN Z3 00 BUD iLoc HHN ??? _
A003A 0.57 97.3 Lg 18:11:53.345 0.3 T__ ___ 6837486 FDSN Z3 00 BUD iLoc HH2 ??? _
A008A 0.65 325.0 Pg 18:11:45.505 -0.3 T__ 51.3 ___ ML 1.6 6837494 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.65 325.0 Lg 18:11:54.890 0.1 T__ ___ 6837487 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ZST 0.70 58.4 Pg 18:11:46.793 -0.3 T__ ___ 6837488 FDSN SK -- BUD iLoc HHZ ??? _
ARSA 0.75 219.0 Pg 18:11:47.286 -0.4 T__ 24.5 ___ ML 1.3 6837495 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.75 219.0 Lg 18:11:57.716 0.5 T__ ___ 6837489 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A018A 0.77 263.7 Lg 18:11:58.418 0.4 T__ ___ 6837490 FDSN Z3 00 BUD iLoc HHN ??? _
A019A 0.86 243.4 Lg 18:12:01.182 0.2 T__ ___ 6837491 FDSN Z3 00 BUD iLoc HH2 ??? _
KRUC 1.23 5.5 Pn 18:11:55.744 0.2 T__ 17.7 ___ ML 1.4 6837493 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.23 5.5 Sn 18:12:12.771 0.7 T__ ___ 6837492 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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

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2021/08/10 07:06:21.22 0.92 1.02 48.3802 19.5198 5.4 3.7 11 0.0f 11 6 132 0.47 1.32 sx BUD 17002046 BUD 203

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 5 BUD 17002046

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.47	284.3	Pg	07:06:30.940	0.1					T__		15.4		---	ML	0.8 6837985	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.47	284.3	Lg	07:06:37.578	-0.4					T__				---		6837984	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																								
PSZ	0.53	151.4	Pg	07:06:32.564	-0.0					T__		44.1		---	ML	1.4 6837979	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.53	151.4	Lg	07:06:41.594	0.7					T__				---		6837980	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
KECS	0.65	80.5	Pg	07:06:34.426	0.2					T__		179.7		---	ML	2.1 6837988	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.65	80.5	Lg	07:06:43.534	-0.6					T__				---		6837981	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
JOS	0.69	79.9	Pg	07:06:34.933	-0.0					T__		28.6		---	ML	1.3 6837983	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	79.9	Lg	07:06:44.658	-0.7					T__				---		6837982	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
NIE	1.16	26.1	Pg	07:06:44.305	1.2					T__		12.3		---	ML	1.2 6837987	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.16	26.1	Lg	07:06:59.125	-0.9					T__				---		6837986	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
JAVC	1.32	292.0	Sn	07:07:04.340	-2.1					T__				---		6837989	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/08/10 07:12:25.53 1.16 0.88 48.5289 17.4491 21.6 3.4 122 0.0f 7 4 191 0.19 1.22 sx BUD 17002048 BUD 333

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.19	216.4	Pg	07:12:30.409	0.4					T__				---		6838015	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.19	216.4	Lg	07:12:32.956	-0.7					T__				---		6838017	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.36	23.9	Pg	07:12:33.854	0.5					T__		33.9		---	ML	0.8 6838019	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	23.9	Lg	07:12:38.254	-1.2					T__				---		6838018	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																								
ZST	0.41	214.9	Lg	07:12:40.046	-0.6					T__				---		6838020	FDSN	SK	--	BUD	iLoc	HHN	???	_
CONA	1.22	241.1	Pg	07:12:49.151	-0.4					T__		20.4		---	ML	1.5 6838016	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.22	241.1	Lg	07:13:05.823	0.5					T__				---		6838021	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/08/10 07:44:02.35 4.44 0.81 46.8422 22.8495 33.4 15.1 10 0.0f 6 5 273 0.11 1.53 sx BUD 17002050 BUD 300

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.11	242.0	Pg	07:44:04.906	0.0					T__		138.0		_d_	ML	0.7	6838056	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.11	242.0	Lg	07:44:07.299	0.2					T__				---		6838057	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
SIRR	1.00	235.4	Lg	07:44:36.015	-0.8					T__				---		6838059	FDSN	RO	--	BUD	iLoc	HNN	???	_	
GZR	1.45	182.0	Sn	07:44:48.792	-1.1					T__				---		6838058	FDSN	RO	--	BUD	iLoc	HNN	???	_	
BZS	1.49	215.4	Sn	07:44:50.521	0.1					T__				---		6838060	FDSN	RO	--	BUD	iLoc	HNN	???	_	
LOT	1.53	155.0	Lg	07:44:53.887	0.2					T__				---		6838061	FDSN	RO	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/10	08:09:08.09	1.12	0.77	48.5359	20.8502	8.7	3.8	15	0.0f		10	6	131	0.21	1.20	sx	BUD	17002052	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	17002052

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.21	259.1	Pg	08:09:13.054	0.6					T__		314.5		---	ML	1.4	6838117	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.21	259.1	Lg	08:09:15.531	-0.4					T__				---		6838121	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.25	257.9	Pg	08:09:13.595	0.3					T__		657.1		---	ML	1.8	6838118	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.25	257.9	Lg	08:09:16.973	-0.3					T__				---		6838123	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.35	132.6	Pg	08:09:15.985	0.5					T__		40.5		---	ML	0.9	6838120	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.35	132.6	Lg	08:09:20.722	-1.0					T__				---		6838124	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
PSZ	0.89	226.3	Pn	08:09:25.867	-1.0					T__		31.6		---	ML	1.5	6838119	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	226.3	Lg	08:09:39.503	-0.7					T__				---		6838125	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	0.95	337.9	Lg	08:09:38.951	-0.7					T__				---		6838126	FDSN	PL	--	BUD	iLoc	BHN	???	_	
TRPA	1.20	109.2	Sn	08:09:49.030	-0.4					T__				---		6838122	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/10	08:47:54.66	1.36	1.25	47.3501	18.3153	7.9	4.3	93	0.0f		13	8	107	0.04	1.21	sx	BUD	17002054	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	17002054

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.04	289.3	Pg	08:47:56.132	-0.0					T__		1576.8		---	ML	1.6	6838201	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.04	289.3	Lg	08:47:57.830	0.0					T__				---		6838202	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MSW1	0.06	318.2	Pg	08:47:57.161	0.7					T__		1238.1		---	ML	1.6	6838209	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.06	318.2	Lg	08:47:58.066	-0.4					T__				---		6838210	FDSN	HU	--	BUD	iLoc	HNN	???	_	

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW2 0.09 236.1 Pg 08:47:57.416 0.4 T__ 202.8 ___ ML 0.8 6838212 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 236.1 Lg 08:47:59.111 -0.3 T__ ___ 6838211 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0
MSW3 0.13 284.5 Lg 08:48:00.619 -0.3 T__ ___ 6838213 FDSN HU -- BUD iLoc HHN ??? _
HU08A 0.28 287.1 Lg 08:48:05.327 -0.5 T__ ___ 6838207 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.56 251.5 Lg 08:48:14.642 -0.2 T__ ___ 6838208 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.16 168.6 Pg 08:48:18.053 0.4 T__ 19.2 ___ ML 1.4 6838204 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.16 168.6 Sn 08:48:32.409 -1.9 T__ ___ 6838203 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 1.21 61.4 Pn 08:48:17.126 -0.8 T__ 31.2 ___ ML 1.7 6838206 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.21 61.4 Sn 08:48:33.336 -3.1 T__ ___ 6838205 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/10	09:03:15.69	0.97	1.09	47.5230	18.7038	5.8	3.7	153	0.0f		12	9	136	0.22	1.96	sx	BUD	17002056	BUD			173

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	17002056

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BUD	0.22	100.2	Lg	09:03:23.916	-1.1					T__					6838310	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.25	298.1	Pg	09:03:21.408	0.3					T__	331.1			___ ML	1.5	6838307	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.25	298.1	Lg	09:03:25.398	-0.4					T__				___	6838306	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																								
MSW1	0.33	246.8	Lg	09:03:27.813	-0.9					T__				___	6838313	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.34	242.2	Pg	09:03:23.456	0.5					T__	175.9			___ ML	1.5	6838309	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.34	242.2	Lg	09:03:28.676	-0.5					T__				___	6838308	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																								
HU10A	0.39	33.3	Lg	09:03:30.104	-0.5					T__				___	6838304	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW2	0.40	236.8	Pg	09:03:24.957	0.9					T__	91.4			___ ML	1.4	6838314	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.40	236.8	Lg	09:03:30.058	-1.1					T__				___	6838315	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																								
PSZ	0.90	63.4	Lg	09:03:48.688	0.3					T__				___	6838311	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MODS	1.28	312.1	Sn	09:03:57.439	-1.9					T__				___	6838312	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	1.96	283.0	Sn	09:04:17.009	1.3					T__				___	6838305	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/10	09:39:59.98	0.98	0.93	46.0695	22.0321	5.7	4.5	63	0.0f		9	5	94	0.33	1.37	sx	BUD	17002058	BUD			179

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	17002058

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.33	307.6	Pg	09:40:07.494	0.5					T__		105.0		---	ML	1.2	6838343	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.33	307.6	Lg	09:40:11.657	-0.9					T__				---		6838344	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
BZS	0.54	212.8	Pg	09:40:10.953	0.3					T__		26.2		---	ML	1.2	6838346	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.54	212.8	Lg	09:40:17.799	-0.6					T__				---		6838345	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
GZR	0.85	142.1	Pg	09:40:16.767	0.5					T__		52.6		---	ML	1.7	6838348	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.85	142.1	Lg	09:40:28.161	-0.1					T__				---		6838347	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.86	32.8	Pg	09:40:17.517	0.3					T__		29.0		---	ML	1.4	6838350	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.86	32.8	Lg	09:40:29.567	-0.6					T__				---		6838349	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
LOT	1.37	116.4	Lg	09:40:44.008	-1.7					T__				---		6838351	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/10	09:57:47.90	1.14	1.17	46.1365	18.0411	6.8	6.4	0	0.0f		7	5	133	0.06	0.78	sx	BUD	17002060	BUD			212

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.06	139.6	Pg	09:57:50.394	0.5					T__		953.9		_c_	ML	1.5	6838375	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	139.6	Lg	09:57:50.751	-1.0					T__				---		6838376	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	0.43	79.2	Pg	09:57:57.604	0.7					T__		29.3		---	ML	1.0	6838378	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.43	79.2	Lg	09:58:03.316	-0.5					T__				---		6838377	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A264A	0.52	272.8	Lg	09:58:05.692	-0.7					T__				---		6838379	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
TIH	0.77	352.4	Lg	09:58:14.596	-0.7					T__				---		6838380	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU22A	0.78	75.4	Lg	09:58:14.991	-1.6					T__				---		6838381	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/10	10:14:38.97	1.52	0.81	47.8890	20.1306	13.0	3.8	158	0.0f		12	6	211	0.16	1.06	kx	BUD	17002062	BUD			248
2021/08/10	10:14:38.54	0.90	0.78	47.8650	20.1529f				0.0f		12	6	217	0.18	1.08	kx	BUD_GT	17002063	BUD_GT			254

(locality : Kismána Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	6 BUD_GT	17002063

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	10:14:43.823	0.8					T__		781.6		_c_	ML	1.7	6838441	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:14:45.763	-0.9					T__				---		6838443	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

```

(Station ML: 1.7 magdef=1
HU03A 0.37 276.2 Pg 10:14:46.689 0.0 T__ 91.5 ___ ML 1.3 6838445 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.37 276.2 Lg 10:14:52.015 -0.6 T__ ___ 6838444 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.66 19.7 Pg 10:14:52.092 0.3 T__ 160.2 ___ ML 2.1 6838447 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.66 19.7 Lg 10:15:01.277 -0.5 T__ ___ 6838446 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 0.68 22.1 Pg 10:14:52.941 0.7 T__ 27.3 ___ ML 1.3 6838448 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 10:15:02.435 -0.2 T__ ___ 6838449 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.85 59.0 Pg 10:14:56.260 0.8 T__ 57.4 ___ ML 1.7 6838451 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.85 59.0 Lg 10:15:07.684 -1.5 T__ ___ 6838450 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 1.08 306.0 Pn 10:15:00.495 0.5 T__ 10.7 ___ ML 1.1 6838442 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 306.0 Lg 10:15:15.248 -0.9 T__ ___ 6838452 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/10 12:31:22.69 1.09 0.84 48.4339 17.2450 8.4 3.6 114 0.0f 7 4 191 0.06 1.06 sx BUD 17002064 BUD 244

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Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.06 160.3 Pg 12:31:25.140 0.5 T__ _c_ 6839109 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.06 160.3 Lg 12:31:25.970 -0.6 T__ ___ 6839110 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.26 201.8 Pg 12:31:28.728 0.4 T__ ___ 6839111 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.26 201.8 Lg 12:31:31.931 -0.9 T__ ___ 6839114 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.51 33.4 Pg 12:31:33.921 0.5 T__ 41.3 ___ ML 1.3 6839113 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.51 33.4 Lg 12:31:40.713 -1.0 T__ ___ 6839112 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
VYHS 1.06 86.2 Lg 12:31:58.933 -0.5 T__ ___ 6839115 FDSN SK -- BUD iLoc HHN ??? _

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/11 06:28:38.32 1.09 1.00 45.9729 22.8187 7.3 5.1 62 0.0f 7 4 151 0.11 0.91 sx BUD 17002068 BUD 259

```

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 4 BUD 17002068

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.11 146.6 Pg 06:28:40.131 -0.2 T__ 960.3 _c_ ML 1.6 6843399 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.11 146.6 Lg 06:28:41.986 0.1 T__ ___ 6843400 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.58 182.9 Pg 06:28:49.937 0.4 T__ 35.2 ___ ML 1.4 6843403 FDSN RO -- BUD iLoc HHZ HHZ _

```

GZR 0.58 182.9 Lg 06:28:58.227 0.4 T\_\_ --- 6843401 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1  
 DRGR 0.82 354.8 Pg 06:28:55.033 0.2 T\_\_ 33.3 --- ML 1.5 6843404 FDSN RO -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 BZS 0.91 247.5 Pg 06:28:56.607 0.5 T\_\_ 24.1 --- ML 1.4 6843405 FDSN RO -- BUD iLoc HHZ HHZ \_  
 BZS 0.91 247.5 Lg 06:29:07.254 -1.8 T\_\_ --- 6843402 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.4 magdef=1  
 (Station ML: 1.4 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/08/11 06:43:59.72 1.10 0.82 47.9549 20.3916 8.5 3.8 137 0.0f 10 7 102 0.19 1.17 kx BUD 17002070 BUD 179  
 2021/08/11 06:43:59.98 0.94 0.77 47.9767 20.3679f 0.0f 10 7 108 0.18 1.19 kx BUD\_GT 17002071 BUD\_GT 182  
 (locality : Eger-III. Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.1 0.3 3 BUD\_GT 17002071

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 HU02A 0.18 35.8 Pg 06:44:04.515 0.3 T\_\_ 325.9 --- ML 1.3 6843459 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.18 35.8 Lg 06:44:07.732 -0.1 T\_\_ --- 6843460 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 PSZ 0.32 259.8 Pg 06:44:07.904 0.6 T\_\_ 52.5 --- ML 0.9 6843454 FDSN GE -- BUD iLoc HHZ HHZ \_  
 PSZ 0.32 259.8 Lg 06:44:11.918 -1.0 T\_\_ --- 6843456 FDSN GE -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.9 magdef=1  
 (Station ML: 0.9 magdef=1  
 KECS 0.51 8.8 Lg 06:44:18.347 0.0 T\_\_ --- 6843461 FDSN SK -- BUD iLoc EHN ??? \_  
 JJS 0.53 12.4 Pg 06:44:11.121 0.4 T\_\_ 21.6 --- ML 1.1 6843452 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JJS 0.53 12.4 Lg 06:44:18.783 -0.2 T\_\_ --- 6843453 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1  
 ABAH 0.67 61.0 Lg 06:44:23.554 -1.0 T\_\_ --- 6843457 FDSN HU -- BUD iLoc HHN ??? \_  
 BSZH 0.68 185.8 Lg 06:44:23.617 -1.6 T\_\_ --- 6843458 FDSN HU -- BUD iLoc HHN ??? \_  
 HU24A 1.19 153.0 Sn 06:44:40.469 0.3 T\_\_ --- 6843455 FDSN ZJ 00 BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/08/11 06:55:28.38 0.99 1.28 46.0545 22.8204 7.1 3.9 63 0.0f 11 6 137 0.18 0.95 sx BUD 17002072 BUD 206

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.0 5 BUD 17002072

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 DEV 0.18 161.3 Pg 06:55:31.930 0.1 T\_\_ 498.0 --- ML 1.5 6843523 FDSN RO -- BUD iLoc HHZ HHZ \_  
 DEV 0.18 161.3 Lg 06:55:34.113 -0.3 T\_\_ --- 6843516 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 GZR 0.66 182.7 Pg 06:55:41.625 0.5 T\_\_ 50.7 --- ML 1.6 6843524 FDSN RO -- BUD iLoc HHZ HHZ \_

GZR	0.66	182.7	Lg	06:55:50.253	-0.2	T__	---	6843525	FDSN	RO	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
DRGR	0.74	354.2	Pg	06:55:44.310	1.0	T__	44.4	---	ML	1.6	6843515	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.74	354.2	Lg	06:55:52.337	-3.0	T__	---	---	---	6843518	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
SIRR	0.83	285.2	Pg	06:55:45.502	0.1	T__	22.9	---	ML	1.3	6843520	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.83	285.2	Lg	06:55:56.326	-1.2	T__	---	---	---	6843519	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
LOT	0.90	132.1	Pg	06:55:46.012	0.4	T__	47.3	---	ML	1.7	6843521	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.90	132.1	Lg	06:55:57.688	-1.1	T__	---	---	---	6843517	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
BZS	0.95	242.9	Lg	06:56:00.575	0.3	T__	---	---	---	6843522	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/11	07:34:00.63	1.39	0.58	46.1160	22.8423	10.8	6.7	60	0.0f		9	7	143	0.24	1.40	sx	BUD	17002074	BUD			214

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
DEV	0.24	169.6	Pg	07:34:05.513	0.4					T__		491.5			ML	1.6	6844518	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DEV	0.24	169.6	Lg	07:34:08.189	-0.3					T__						6844517	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
DRGR	0.68	352.4	Lg	07:34:25.099	-0.4					T__						6844520	FDSN	RO	--	BUD	iLoc	HHN	???	_		
GZR	0.72	183.7	Pg	07:34:14.604	0.1					T__	30.1				ML	1.4	6844525	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	0.72	183.7	Lg	07:34:24.340	-0.4					T__						6844519	FDSN	RO	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
SIRR	0.84	280.9	Lg	07:34:29.651	-0.2					T__						6844521	FDSN	RO	--	BUD	iLoc	HHN	???	_		
LOT	0.93	135.5	Lg	07:34:30.968	-1.1					T__						6844522	FDSN	RO	--	BUD	iLoc	HHN	???	_		
BZS	0.99	240.2	Lg	07:34:33.539	-0.3					T__						6844523	FDSN	RO	--	BUD	iLoc	HHN	???	_		
BANR	1.40	239.1	Sn	07:34:46.170	-0.2					T__						6844524	FDSN	RO	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/11	07:43:32.06	1.50	1.25	48.4849	20.8033	11.2	5.6	24	0.0f		8	7	209	0.18	1.31	sx	BUD	17002076	BUD			252

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.18	273.7	Pg	07:43:36.122	0.3					T__		60.1			ML	0.6	6844546	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.18	273.7	Lg	07:43:38.372	-0.4					T__						6844547	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.6 magdef=1)																										
(Station ML: 0.6 magdef=0)																										
KECS	0.21	269.7	Lg	07:43:39.558	-0.4					T__						6844548	FDSN	SK	--	BUD	iLoc	EHN	???	_		
ABAH	0.35	122.8	Lg	07:43:44.969	-0.5					T__						6844549	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU02A	0.41	207.2	Lg	07:43:47.901	0.4					T__						6844550	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		

PSZ	0.83	227.3	Lg	07:44:01.388	-0.8	T__	---	6844551	FDSN	GE	--	BUD	iLoc	HHN	???	_
HU05A	0.96	166.4	Lg	07:44:06.141	-0.1	T__	---	6844552	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VYHS	1.31	271.1	Sn	07:44:13.695	-2.5	T__	---	6844553	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/11	07:53:36.45	1.52	2.02	48.4973	21.4244	8.5	7.6	83	0.0f	8	5	159	0.24	0.71	sx	BUD	17002078	BUD				301

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	3 BUD	17002078

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.24	211.5	Pg	07:53:42.788	1.2					T__		85.9		---	ML	0.9	6844596	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.24	211.5	Lg	07:53:45.083	-0.9					T__				---		6844595	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
JOS	0.59	270.2	Pg	07:53:49.413	1.2					T__		14.4		---	ML	1.0	6844597	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.59	270.2	Lg	07:53:57.423	0.3					T__				---		6844598	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.62	269.1	Lg	07:53:57.655	-0.8					T__				---		6844592	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.71	238.3	Pg	07:53:49.836	-1.3					T__		22.3		---	ML	1.2	6844591	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	238.3	Lg	07:53:59.472	-2.8					T__				---		6844594	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KOLS	0.71	51.9	Lg	07:53:59.172	-2.6					T__				---		6844593	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/11	08:21:47.71	0.89	0.77	46.8992	17.3227	5.0	3.5	149	0.0f	16	10	94	0.13	1.14	sx	BUD	17002080	BUD				149

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD	17002080

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.13	293.9	Pg	08:21:50.969	-0.0					T__		3868.8		---	ML	2.3	6844691	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	293.9	Lg	08:21:53.014	-0.7					T__				---		6844682	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
MPLH	0.31	28.6	Pg	08:21:54.020	-0.5					T__		292.2		---	ML	1.6	6844693	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.31	28.6	Lg	08:22:00.848	1.0					T__				---		6844683	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
BEHE	0.57	221.5	Pg	08:22:00.537	1.0					T__		312.0		---	ML	2.3	6844694	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU08A	0.67	37.4	Lg	08:22:12.873	0.4					T__				---		6844684	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW2	0.73	56.1	Pg	08:22:03.181	0.7					T__		73.2		---	ML	1.8	6844695	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.73	56.1	Lg	08:22:14.281	-0.4					T__				---		6844696	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW3	0.73	48.3	Pg	08:22:02.626	0.1					T__		69.9		---	ML	1.8	6844698	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

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MSW3  0.73 48.3 Lg      08:22:14.096 -0.5      T__          ---          6844697      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CSKK  0.79 53.7 Lg      08:22:16.705 -0.2      T__          ---          6844686      FDSN HU      -- BUD  iLoc  HHN ??? _
KOGS  0.87 239.0 Lg     08:22:15.007 -1.1      T__          ---          6844685      FDSN SL      -- BUD  iLoc  BHN ??? _
KOVH  0.97 146.2 Pg     08:22:07.049 -0.4      T__          33.9        --- ML      1.6 6844688      FDSN HU      -- BUD  iLoc  HHZ HHZ _
KOVH  0.97 146.2 Lg     08:22:20.063 -1.1      T__          ---          6844687      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH  1.14 126.4 Pn     08:22:10.650  1.0      T__          23.8        --- ML      1.5 6844690      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  1.14 126.4 Sn     08:22:26.096 -0.4      T__          ---          6844689      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/08/11 09:16:07.64  1.31  0.98 47.2336 18.3053  9.4  6.3  80  0.0f      12  7 149  0.09  1.31  sx BUD      17002082  BUD                260

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Magnitude Err Nsta Author      OrigID
ML      1.1 0.1   5 BUD      17002082

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
MSW2  0.09 317.0 Pg     09:16:10.667  0.5      T__          403.3      --- ML      1.2 6844776      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW2  0.09 317.0 Lg     09:16:11.744 -0.9      T__          ---          6844775      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK  0.13 346.8 Pg     09:16:11.848  0.9      T__          257.9      --- ML      1.1 6844777      FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.13 346.8 Lg     09:16:13.342 -0.7      T__          ---          6844778      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
MSW1  0.16 348.8 Pg     09:16:11.779  0.3      T__          173.5      --- ML      1.0 6844779      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW1  0.16 348.8 Lg     09:16:14.280 -0.8      T__          ---          6844780      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW3  0.19 320.9 Pg     09:16:12.856  0.8      T__          125.3      --- ML      0.9 6844782      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MSW3  0.19 320.9 Lg     09:16:14.871 -1.1      T__          ---          6844781      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
MORH  1.05 167.0 Lg     09:16:42.491 -1.2      T__          ---          6844783      FDSN HU      -- BUD  iLoc  HHE ??? _
PSZ   1.28 56.9 Sn     09:16:50.760 -0.3      T__          ---          6844784      FDSN GE      -- BUD  iLoc  HHE ??? _
VYHS  1.31 15.6 Pn     09:16:33.319  1.0      T__          11.2      --- ML      1.3 6844786      FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  1.31 15.6 Sn     09:16:50.899 -1.0      T__          ---          6844785      FDSN SK      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/08/11 11:24:17.76  0.88  0.95 48.3163 19.8563  4.6  3.3 164  0.0f      15  9  89  0.40  1.14  sx BUD      17002084  BUD                144

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Magnitude Err Nsta Author      OrigID
ML      1.9 0.2   6 BUD      17002084

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.40	176.3	Lg	11:24:33.724	0.6					T__						6845655	FDSN	GE	--	BUD	iLoc	HHN	???	_	
HU03A	0.45	202.7	Lg	11:24:33.599	-0.6					T__						6845664	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.45	68.0	Pg	11:24:27.585	0.7					T__		319.7		_c_	ML	2.1	6845662	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	68.0	Lg	11:24:33.302	-0.6					T__						6845663	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
HU02A	0.49	113.2	Pg	11:24:28.624	0.5					T__		131.0		___	ML	1.8	6845658	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	113.2	Lg	11:24:34.857	-1.2					T__				---		6845657	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
JOS	0.49	68.2	Pg	11:24:27.976	0.4					T__		220.1		_c_	ML	2.0	6845654	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	68.2	Lg	11:24:34.544	-0.6					T__				---		6845665	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
VYHS	0.70	285.0	Pg	11:24:32.695	0.6					T__		25.7		___	ML	1.3	6845659	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.70	285.0	Lg	11:24:41.576	-0.8					T__				---		6845656	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=0)																					
HU10A	0.73	230.3	Lg	11:24:43.251	-1.3					T__				---		6845666	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.92	90.7	Pg	11:24:36.994	0.9					T__		140.3		---	ML	2.2	6845660	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.92	90.7	Lg	11:24:48.913	-1.6					T__				---		6845667	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.2 magdef=1)																					
				(Station ML: 2.2 magdef=0)																					
NIE	1.14	14.7	Pg	11:24:40.088	0.8					T__		21.1		___	ML	1.5	6845661	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.14	14.7	Lg	11:24:55.291	-0.7					T__				---		6845668	FDSN	PL	--	BUD	iLoc	BHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/12	08:10:09.47	1.02	1.70	48.5316	20.7452	5.9	3.6	5	0.0f		15	10	85	0.14	1.27	sx	BUD	17002088	BUD			158

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	5 BUD	17002088

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.14	255.4	Pg	08:10:13.297	0.8					T__		410.6		___	ML	1.3	6847317	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	255.4	Lg	08:10:15.233	0.3					T__				---		6847320	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
KECS	0.18	254.4	Lg	08:10:16.327	0.0					T__				---		6847321	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.41	125.4	Pg	08:10:19.064	1.3					T__		49.0		---	ML	1.1	6847322	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.41	125.4	Lg	08:10:23.918	-0.9					T__				---		6847327	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=0)																					
HU02A	0.44	199.8	Pg	08:10:19.256	0.5					T__		46.1		___	ML	1.2	6847319	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	199.8	Lg	08:10:25.216	-0.7					T__				---		6847318	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
PSZ	0.84	223.2	Pg	08:10:26.969	-0.2					T__		37.6		___	ML	1.5	6847323	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	223.2	Lg	08:10:38.270	-1.5					T__				---		6847328	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					

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(Station ML: 1.5 magdef=0
NIE 0.93 341.9 Pn 08:10:29.523 0.5 T__ 16.9 --- ML 1.2 6847324 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.93 341.9 Lg 08:10:39.121 -1.3 T__ --- 6847329 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU03A 0.99 231.1 Lg 08:10:42.962 -1.6 T__ --- 6847325 FDSN ZJ 00 BUD iLoc HHN ??? _
HU05A 1.02 164.8 Lg 08:10:43.317 -2.0 T__ --- 6847331 FDSN ZJ 00 BUD iLoc HHN ??? _
KOLS 1.09 67.8 Lg 08:10:42.709 -4.3 T__ --- 6847330 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.27 269.0 Sn 08:10:51.354 -1.4 T__ --- 6847326 FDSN SK -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/12 08:11:53.58 1.06 1.41 48.2112 21.2298 6.6 4.3 162 0.0f 17 11 108 0.09 1.74 kx BUD 17002090 BUD 135
2021/08/12 08:11:53.56 0.90 1.11 48.2470 21.2460f 0.0f 17 11 105 0.05 1.76 kx BUD_GT 17002091 BUD_GT 130
(locality : Táallya Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.9 0.3 5 BUD_GT 17002091

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 08:11:56.273 1.1 T__ 13135.9 _d ML 2.6 6847375 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 08:11:56.783 0.1 T__ --- 6847374 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
HU02A 0.50 255.8 Pg 08:12:04.270 0.1 T__ 94.9 --- ML 1.7 6847373 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 08:12:10.716 -1.5 T__ --- 6847372 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU07A 0.52 120.5 Lg 08:12:11.803 -1.7 T__ --- 6847376 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.53 298.1 Pg 08:12:04.513 0.2 T__ 119.0 --- ML 1.9 6847370 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 08:12:12.114 -0.3 T__ --- 6847377 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.56 295.3 Pg 08:12:06.337 1.5 T__ 220.2 --- ML 2.2 6847371 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 295.3 Lg 08:12:12.905 -0.5 T__ --- 6847378 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
TRPA 0.87 97.2 Lg 08:12:23.598 -1.4 T__ --- 6847379 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.96 250.6 Lg 08:12:26.259 -2.0 T__ --- 6847380 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Pn 08:12:13.828 0.4 T__ --- 6847382 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.97 44.4 Lg 08:12:26.720 -1.1 T__ --- 6847381 FDSN SK -- BUD iLoc HHN ??? _
NIE 1.33 332.3 Lg 08:12:37.356 -0.8 T__ --- 6847383 FDSN PL -- BUD iLoc BHN ??? _
VYHS 1.63 279.6 Pg 08:12:24.755 -1.4 T__ 11.7 --- ML 1.5 6847385 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.63 279.6 Sn 08:12:45.674 0.3 T__ --- 6847384 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
DRGR 1.76 145.2 Sn 08:12:49.334 0.7 T__ --- 6847386 FDSN RO -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/12 08:33:23.76 0.89 1.17 48.2566 19.8627 4.3 3.4 156 0.0f 15 11 80 0.34 1.58 sx BUD 17002092 BUD 127

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Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 4 BUD 17002092

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.34	176.4	Pg	08:33:32.264	0.9					T__		568.3		_c_	ML	2.0	6847422	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.34	176.4	Lg	08:33:36.456	-0.7					T__				---		6847428	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU03A	0.39	206.6	Pg	08:33:32.685	0.5					T__		232.4		---	ML	1.8	6847424	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.39	206.6	Lg	08:33:38.083	-0.3					T__				---		6847429	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.46	106.6	Pg	08:33:34.380	0.8					T__		128.6		---	ML	1.7	6847425	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	106.6	Lg	08:33:40.522	-0.7					T__				---		6847423	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.47	61.1	Lg	08:33:39.788	-0.9					T__				---		6847430	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.51	61.8	Lg	08:33:41.416	-0.5					T__				---		6847431	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU10A	0.70	234.3	Lg	08:33:48.044	-1.4					T__				---		6847432	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.72	289.5	Pg	08:33:39.525	1.0					T__		19.6		---	ML	1.2	6847426	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.72	289.5	Lg	08:33:48.205	-0.9					T__				---		6847433	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.92	87.0	Lg	08:33:54.915	-1.5					T__				---		6847434	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A338A	1.04	257.1	Sn	08:33:58.681	-2.3					T__				---		6847427	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
NIE	1.20	13.8	Lg	08:34:03.304	-0.6					T__				---		6847435	FDSN	PL	--	BUD	iLoc	BHN	???	_	
JAVC	1.58	293.3	Sn	08:34:14.276	-1.1					T__				---		6847436	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/12	09:02:50.27	0.90	1.08	47.8243	19.1318	6.0	3.1	179	0.0f		14	8	112	0.08	1.16	kx	BUD	17002094	BUD			206
2021/08/12	09:02:50.23	0.89	0.94	47.8355	19.1270f				0.0f		14	8	110	0.07	1.15	kx	BUD_GT	17002095	BUD_GT			197

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 6 BUD\_GT 17002095

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	277.6	Pg	09:02:52.922	0.7					T__		3718.1		---	ML	2.1	6847491	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:02:54.138	0.0					T__				---		6847492	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU03A	0.33	77.7	Pg	09:02:58.535	1.2					T__		123.8		---	ML	1.3	6847495	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	77.7	Lg	09:03:02.548	-0.1					T__				---		6847494	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
BUD	0.36	191.2	Lg	09:03:02.953	-1.3					T__				---		6847496	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.6	Pg	09:03:01.810	0.2					T__		54.9		---	ML	1.5	6847498	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	09:03:08.986	-1.1					T__				---		6847497	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

VYHS	0.69	343.6	Lg	09:03:13.758	-0.7	T__								6847499	FDSN	SK	--	BUD	iLoc	HHN	???	_			
HU02A	0.98	72.5	Pg	09:03:10.820	0.3	T__						36.6		---	ML	1.6	6847493	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	09:03:23.955	-2.1	T__								---		6847500	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	1.12	54.0	Pg	09:03:13.020	0.6	T__						126.1		---	ML	2.2	6847502	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.12	54.0	Sn	09:03:28.466	-0.8	T__								---		6847501	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	1.15	54.5	Pg	09:03:12.985	-0.1	T__						17.5		---	ML	1.4	6847504	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	09:03:29.283	-0.9	T__								---		6847503	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/12	14:36:32.77	1.17	0.90	48.2953	19.8504	6.4	4.7	150	0.0f		7	6	139	0.38	0.70	sx	BUD	17002098	BUD			222

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
PSZ	0.38	175.5	Pg	14:36:41.279	0.1					T__		99.8			---	ML	1.4	6848369	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.38	175.5	Lg	14:36:46.805	-0.7					T__					---		6848370	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=0)																										
HU03A	0.43	203.3	Lg	14:36:49.411	0.9					T__					---		6848371	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
KECS	0.46	65.8	Lg	14:36:49.932	0.6					T__					---		6848368	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.48	110.7	Lg	14:36:49.816	-1.1					T__					---		6848372	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
JOS	0.50	66.1	Lg	14:36:50.789	0.2					T__					---		6848367	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
VYHS	0.70	286.8	Lg	14:36:56.836	-0.6					T__					---		6848366	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/08/12	18:12:57.21	0.93	0.56	47.5981	16.3876	4.6	3.3	6	0.0f		17	13	121	0.12	1.46	sx	BUD	17002100	BUD					142

Magnitude Err Nsta Author OrigID  
ML 1.1 0.3 4 BUD 17002100

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
RONA	0.12	328.8	Pg	18:12:59.857	-0.1					T__		299.6			_c	ML	1.1	6848609	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	328.8	Lg	18:13:01.444	-0.6					T__					---		6848612	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
SOP	0.14	53.5	Pg	18:13:01.021	0.6					T__		103.0			---	ML	0.7	6848614	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	53.5	Lg	18:13:03.486	0.6					T__					---		6848613	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																										
(Station ML: 0.7 magdef=1)																										
CONA	0.48	313.2	Pg	18:13:07.030	0.1					T__		34.5			---	ML	1.2	6848610	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.48	313.2	Lg	18:13:13.485	0.0					T__					---		6848615	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										
EGYH	0.67	105.5	Lg	18:13:20.261	-0.6					T__					---		6848618	FDSN	HU	--	BUD	iLoc	HHN	???	_	

ARSA	0.68	239.7	Pg	18:13:10.372	-0.1	T__					43.9	---	ML	1.5	6848611	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	239.7	Lg	18:13:18.977	-0.0	T__						---			6848616	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
A005B	0.78	351.1	Lg	18:13:23.748	-0.1	T__						---			6848620	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A013A	0.81	305.5	Lg	18:13:23.748	0.4	T__						---			6848619	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	0.89	118.3	Lg	18:13:27.592	-0.7	T__						---			6848623	FDSN	HU	--	BUD	iLoc	HHN	???	_
A019A	0.90	260.7	Lg	18:13:25.955	-0.2	T__						---			6848621	FDSN	Z3	00	BUD	iLoc	HH2	???	_
A018A	0.90	279.8	Lg	18:13:26.453	0.6	T__						---			6848622	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A008A	0.92	327.6	Lg	18:13:27.877	0.5	T__						---			6848624	FDSN	Z3	00	BUD	iLoc	HH2	???	_
MODS	0.98	37.3	Lg	18:13:30.948	-1.3	T__						---			6848617	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.46	0.2	Sn	18:13:44.390	0.2	T__						---			6848625	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/13	06:35:36.31	1.07	1.04	47.3208	18.3306	5.8	3.8	115	0.0f		16	13	108	0.06	1.43	kx	BUD	17002102	BUD			127	
2021/08/13	06:35:36.35	0.90	0.94	47.3167	18.3081f				0.0f		16	13	107	0.06	1.42	kx	BUD_GT	17002103	BUD_GT			126	
(locality : Magyaralmás Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	4 BUD_GT	17002103

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.06	325.1	Pg	06:35:39.018	0.8					T__		2418.8		---	ML	1.8	6851814	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	06:35:39.597	-0.5					T__				---		6851815	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW2	0.07	257.7	Pg	06:35:39.384	1.0					T__		529.5		---	ML	1.2	6851826	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	257.7	Lg	06:35:39.825	-0.6					T__				---		6851827	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW3	0.14	298.3	Pg	06:35:40.745	1.0					T__		207.6		---	ML	1.0	6851828	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU08A	0.29	293.8	Lg	06:35:46.997	-0.8					T__				---		6851816	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.33	8.9	Lg	06:35:48.545	-0.7					T__				---		6851820	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRO	0.50	0.4	Lg	06:35:54.034	-1.2					T__				---		6851821	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU10A	0.71	42.0	Lg	06:36:01.430	-1.4					T__				---		6851817	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.13	168.1	Lg	06:36:14.144	-0.9					T__				---		6851822	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.23	16.6	Pg	06:36:01.197	-0.1					T__		10.8		---	ML	1.2	6851818	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.23	16.6	Sn	06:36:17.560	-1.1					T__				---		6851825	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	1.23	60.1	Sn	06:36:17.600	-1.1					T__				---		6851824	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOVH	1.24	186.7	Sn	06:36:17.485	-0.5					T__				---		6851823	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.27	327.1	Sn	06:36:18.163	-1.3					T__				---		6851819	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	1.42	286.4	Sn	06:36:22.191	-0.4					T__				---		6851813	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/08/13	07:10:47.04	1.92	0.76	48.4969	17.5279	30.0	3.4	123	0.0f		8	5	208	0.21	1.25	sx	BUD	17002104	BUD					339

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.21	233.6	Pg	07:10:52.191	0.4					T__						6851854	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.21	233.6	Lg	07:10:54.613	-1.1					T__						6851857	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.37	14.6	Pg	07:10:55.268	0.2					T__		52.1		---	ML	1.1	6851856	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	14.6	Lg	07:11:01.018	-0.4					T__						6851855	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ZST	0.41	223.5	Lg	07:11:01.321	-1.1					T__						6851858	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	1.15	226.4	Pg	07:11:09.975	0.2					T__		24.6		---	ML	1.5	6851860	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.15	226.4	Lg	07:11:24.973	0.3					T__						6851859	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CONA	1.25	243.6	Lg	07:11:28.063	0.3					T__						6851861	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/08/13	07:15:09.71	1.40	0.93	48.0440	20.6710	9.0	4.7	175	0.0f		8	5	200	0.13	0.54	kx	BUD	17002106	BUD			267		
2021/08/13	07:15:10.08	0.95	0.79	48.0750	20.6990f				0.0f		8	5	195	0.13	0.56	kx	BUD_GT	17002107	BUD_GT			268		
(locality : Miskolc-Mexikóvölgy Hungary)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	3 BUD_GT	17002107

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	292.1	Pg	07:15:12.838	-0.4					T__		859.6		---	ML	1.6	6851883	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:15:15.230	-0.8					T__						6851884	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.42	58.4	Pg	07:15:19.496	0.7					T__		40.6		---	ML	1.1	6851888	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	07:15:25.556	-0.7					T__						6851887	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.43	340.8	Lg	07:15:25.759	0.1					T__						6851885	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.43	345.9	Pg	07:15:20.088	1.2					T__		53.9		---	ML	1.2	6851889	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:15:25.491	-0.2					T__						6851886	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.56	254.1	Lg	07:15:30.032	-1.1					T__						6851890	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/13	07:32:14.20	0.91	0.75	48.4956	19.3262	6.2	3.4	178	0.0f		13	8	124	0.33	1.29	sx	BUD	17002108	BUD			196

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	17002108

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.33	269.9	Pg	07:32:21.314	0.3					T__		36.6		---	ML	0.8	6851956	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS	0.33	269.9	Lg	07:32:25.387	-0.6	T__	---	6851957	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Reading ML: 0.8 magdef=1)																			
(Station ML: 0.8 magdef=0)																			
HU10A	0.68	197.7	Lg	07:32:38.863	-0.3	T__	---	6851954	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
PSZ	0.69	146.4	Lg	07:32:39.086	-0.4	T__	---	6851958	FDSN	GE	--	BUD	iLoc	HHN	???	_			
KECS	0.77	90.5	Pg	07:32:29.922	0.3	T__	111.1	---	ML	2.0	6851960	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.77	90.5	Lg	07:32:41.585	0.4	T__	---	6851959	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
JOS	0.81	89.5	Pg	07:32:30.161	-0.1	T__	47.3	---	ML	1.6	6851953	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	89.5	Lg	07:32:41.863	-0.5	T__	---	6851961	FDSN	ZJ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU02A	0.88	114.6	Pg	07:32:32.699	0.3	T__	35.0	---	ML	1.5	6851963	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	114.6	Lg	07:32:45.287	-0.7	T__	---	6851962	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
NIE	1.12	34.4	Lg	07:32:51.041	-0.7	T__	---	6851955	FDSN	PL	--	BUD	iLoc	BHN	???	_			
ABAH	1.29	98.2	Pn	07:32:39.402	1.0	T__	37.6	---	ML	1.8	6851964	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.29	98.2	Sn	07:32:58.932	1.5	T__	---	6851965	FDSN	HU	--	BUD	iLoc	HHE	???	_			
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/13	08:17:25.89	1.20	1.27	46.1158	18.0753	7.9	5.5	135	0.0f	8	6	74	0.03	2.07	kx	BUD	17002112	BUD				146
2021/08/13	08:17:25.44	0.99	1.27	46.1204	18.0243f				0.0f	8	6	94	0.06	2.08	kx	BUD_GT	17002113	BUD_GT				171
(locality : Bükkösd Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.06	121.4	Pg	08:17:27.325	-0.1					T__		923.6		_c	ML	1.4	6852048	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.06	121.4	Lg	08:17:28.753	-0.5					T__				---		6852049	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A273A	0.25	215.5	Lg	08:17:35.931	1.0					T__				---		6852050	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	0.44	77.4	Pg	08:17:34.968	0.3					T__	27.6			---	ML	1.0	6852054	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.44	77.4	Lg	08:17:39.983	-1.8					T__				---		6852051	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
BEHE	0.93	292.5	Lg	08:17:57.852	0.8					T__				---		6852052	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.10	342.5	Sn	08:18:03.718	0.2					T__				---		6852053	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU03A	2.08	30.6	Sn	08:18:30.098	2.5					T__				---		6852055	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/13	09:52:18.11	0.97	1.10	46.8460	17.3026	6.7	3.9	56	0.0f	13	10	97	0.15	1.32	sx	BUD	17002116	BUD				162

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	17002116

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.15	315.2	Pg	09:52:21.077	-0.7					T__		2422.4		___	ML	2.1	6852451	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.15	315.2	Lg	09:52:22.969	-1.7					T__				---		6852452	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A263A	0.21	177.6	Lg	09:52:25.808	-0.6					T__				---		6852453	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.36	26.5	Lg	09:52:32.709	0.7					T__				---		6852447	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A262A	0.53	272.2	Lg	09:52:37.321	0.9					T__				---		6852448	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOGS	0.83	241.6	Lg	09:52:46.104	0.8					T__				---		6852454	FDSN	SL	--	BUD	iLoc	BHE	???	_	
KOVH	0.94	143.7	Pg	09:52:37.068	0.0					T__		38.3		---	ML	1.6	6852455	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.94	143.7	Lg	09:52:50.021	0.1					T__				---		6852444	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
RONA	1.10	321.6	Pg	09:52:40.995	1.0					T__		22.8		---	ML	1.5	6852456	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.10	321.6	Lg	09:52:55.770	1.3					T__				---		6852449	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MORH	1.12	123.8	Sn	09:52:55.732	-0.7					T__				---		6852443	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.28	289.0	Lg	09:53:00.479	1.5					T__				---		6852445	FDSN	OE	--	BUD	iLoc	HHN	???	_	
PTJ	1.32	225.0	Sn	09:53:02.618	0.7					T__				---		6852446	FDSN	CR	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/08/13	10:09:50.22	1.24	0.83	47.5434	18.4741	9.4	3.0	106	0.0f		13	9	202	0.11	1.16	kx	BUD	17002120	BUD			249			
2021/08/13	10:09:50.35	0.89	0.74	47.5600	18.4573f				0.0f		13	9	197	0.09	1.14	kx	BUD_GT	17002121	BUD_GT			245			
(locality : Tatabánya Hungary)																									
(GT info : GT2 explosion)																									

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD_GT	17002121

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.09	327.2	Pg	10:09:53.751	1.0					T__		3031.2		___	ML	2.0	6852582	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	10:09:55.217	0.1					T__				---		6852589	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MSW1	0.21	218.9	Pg	10:09:55.672	0.5					T__		193.7		---	ML	1.2	6852592	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.21	218.9	Lg	10:09:58.887	-0.6					T__				---		6852591	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.24	214.2	Lg	10:09:59.470	-0.8					T__				---		6852584	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.29	231.9	Lg	10:10:01.057	-0.7					T__				---		6852593	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.31	213.1	Pg	10:09:57.039	0.1					T__		89.3		---	ML	1.1	6852594	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.31	213.1	Lg	10:10:01.620	-1.0					T__				---		6852595	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU08A	0.38	250.6	Lg	10:10:04.111	-1.0					T__				---		6852585	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.74	238.3	Lg	10:10:15.649	-0.6					T__				---		6852586	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.97	15.1	Pn	10:10:10.428	0.1					T__		16.8		---	ML	1.3	6852583	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	10:10:23.500	-0.7					T__				---		6852587	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

MODS 1.14 316.2 Sn 10:10:29.336 -1.1 T\_\_ --- 6852590 FDSN SK -- BUD iLoc HHE ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/13	13:16:26.35	1.00	0.79	48.4035	21.7152	6.3	4.2	5	13.3	21.4	11	8	117	0.33	1.31	ke	BUD	17002124	BUD			198

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	7 BUD	17002124

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.33	251.4	Pg	13:16:33.616	0.2					T__		46.5		---	ML	0.9	6852725	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.33	251.4	Lg	13:16:38.527	-0.5					T__				---		6852728	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.9 magdef=1)								(Station ML: 0.9 magdef=0)													
HU07A	0.44	162.4	Pg	13:16:35.789	0.4					T__		203.7		---	ML	1.8	6852732	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1)								(Station ML: 1.8 magdef=1)													
TRPA	0.61	116.1	Pg	13:16:38.028	-0.3					T__		48.6		---	ML	1.5	6852729	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.61	116.1	Lg	13:16:46.780	-1.0					T__				---		6852733	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.5 magdef=1)								(Station ML: 1.5 magdef=1)													
KOLS	0.65	34.7	Pg	13:16:39.179	0.4					T__				---		6852730	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.65	34.7	Lg	13:16:48.501	-0.2					T__				---		6852731	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JOS	0.79	277.2	Pg	13:16:41.749	-0.2					T__		41.6		---	ML	1.6	6852726	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.6 magdef=1)								(Station ML: 1.6 magdef=1)													
KECS	0.82	276.0	Pg	13:16:42.369	-0.3					T__		88.7		---	ML	1.9	6852734	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
				(Reading ML: 1.9 magdef=1)								(Station ML: 1.9 magdef=0)													
HU02A	0.84	250.9	Pn	13:16:42.976	0.3					T__		28.5		---	ML	1.4	6852727	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.4 magdef=1)								(Station ML: 1.4 magdef=1)													
PSZ	1.31	249.0	Pn	13:16:50.904	1.5					T__		26.2		---	ML	1.6	6852735	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.6 magdef=1)								(Station ML: 1.6 magdef=1)													

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/16	08:23:18.46	0.95	1.33	48.4220	19.1596	7.2	3.8	21	0.0f		11	10	118	0.23	1.39	sx	BUD	17002136	BUD			150

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.23	288.6	Pg	08:23:24.256	0.9					T__		60.3		---	ML	0.7	6865319	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	288.6	Lg	08:23:26.751	-0.2					T__				---		6865320	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)								(Station ML: 0.7 magdef=0)													
HU03A	0.60	150.2	Lg	08:23:39.683	-0.3					T__				---		6865321	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.70	135.4	Lg	08:23:43.194	-1.1					T__				---		6865322	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KECS	0.88	85.5	Lg	08:23:48.976	-0.3					T__				---		6865323	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.92	84.9	Lg	08:23:50.345	-0.2					T__				---		6865324	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU02A	0.96	107.7	Lg	08:23:51.657	-1.1					T__				---		6865325	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

JAVC	1.08	294.4	Lg	08:23:54.057	-2.7	T__	---	6865326	FDSN	CZ	--	BUD	iLoc	HHN	???	_
NIE	1.25	36.6	Lg	08:23:59.430	-0.6	T__	---	6865328	FDSN	PL	--	BUD	iLoc	BHN	???	_
MODS	1.26	268.5	Sn	08:23:59.971	-1.6	T__	---	6865327	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	1.39	94.4	Sn	08:24:04.119	-0.1	T__	---	6865329	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/16	09:21:36.14	1.25	1.34	47.2472	18.2717	8.2	4.5	115	0.0f	11	7	130	0.07	1.30	kx	BUD	17002138	BUD				157
2021/08/16	09:21:35.84	0.94	1.07	47.2302	18.2835f				0.0f	11	7	130	0.09	1.32	kx	BUD_GT	17002139	BUD_GT				159

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	4 BUD_GT	17002139

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.09	325.6	Pg	09:21:38.307	0.1					T__		432.8		---	ML	1.2	6865392	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	325.6	Lg	09:21:39.418	-1.2					T__				---		6865393	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
CSKK	0.13	353.3	Pg	09:21:39.348	0.2					T__		221.1		---	ML	1.0	6865385	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:21:41.380	-0.9					T__				---		6865387	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
MSW1	0.16	354.2	Pg	09:21:40.766	1.0					T__		195.1		---	ML	1.0	6865394	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.16	354.2	Lg	09:21:42.279	-1.0					T__				---		6865395	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
MPLH	0.51	263.5	Pg	09:21:48.038	1.6					T__		55.1		---	ML	1.5	6865386	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	09:21:53.576	-0.9					T__				---		6865388	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
MORH	1.05	166.2	Lg	09:22:11.213	-0.7					T__				---		6865389	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU22A	1.07	146.9	Sn	09:22:12.010	-1.5					T__				---		6865390	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
VYHS	1.32	16.2	Sn	09:22:19.328	-1.0					T__				---		6865391	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/16	09:33:09.95	1.12	1.22	46.1274	21.6278	16.8	4.0	92	0.0f	6	4	188	0.14	1.09	sx	BUD	17002140	BUD				236

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	3 BUD	17002140

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.14	9.0	Pg	09:33:13.786	0.4					T__		447.0		---	ML	1.3	6865424	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.14	9.0	Lg	09:33:15.519	-0.7					T__				---		6865421	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
BZS	0.51	180.9	Pg	09:33:20.282	0.2					T__		54.8		---	ML	1.5	6865426	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.51	180.9	Lg	09:33:26.897	-0.6					T__				---		6865425	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									

DRGR	1.00	48.0	Lg	09:33:42.945	-1.7					T__					6865423	FDSN	RO	--	BUD	iLoc	HHN	???	_		
GZR	1.09	132.0	Pg	09:33:31.285	0.6					T__	42.3			---	ML	1.7	6865422	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/16	11:20:03.86	1.30	1.21	47.8850	19.8313	12.1	4.0	168	0.0f	9	6	211	0.05	1.03	sx	BUD	17002142	BUD				246

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	3 BUD	17002142

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.05	51.8	Pg	11:20:06.006	0.3					T__		745.1		---	ML	1.3	6865468	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.05	51.8	Lg	11:20:06.917	-0.7					T__				---		6865469	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU03A	0.16	277.0	Pg	11:20:07.954	0.4					T__		232.6		---	ML	1.1	6865476	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.16	277.0	Lg	11:20:09.973	-0.5					T__				---		6865470	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.74	35.9	Pg	11:20:19.549	0.8					T__		84.2		---	ML	1.8	6865472	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.74	35.9	Lg	11:20:29.928	-0.1					T__				---		6865471	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.77	37.5	Lg	11:20:30.442	-0.6					T__				---		6865473	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
VYHS	0.90	312.8	Lg	11:20:34.922	-0.5					T__				---		6865474	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	1.03	65.9	Sn	11:20:38.020	-2.6					T__				---		6865475	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/08/17	07:17:50.80	1.40	0.96	46.1062	22.8362	11.0	6.7	60	0.0f	7	6	142	0.23	0.98	sx	BUD	17002148	BUD						213

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.23	168.1	Pg	07:17:55.697	0.6					T__		439.7		---	ML	1.6	6867763	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.23	168.1	Lg	07:17:57.596	-0.8					T__				---		6867760	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
DRGR	0.69	352.9	Lg	07:18:15.186	-0.8					T__				---		6867764	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.71	183.4	Lg	07:18:13.758	-0.8					T__				---		6867761	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.83	281.6	Lg	07:18:19.464	-0.5					T__				---		6867765	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.93	134.9	Lg	07:18:21.047	-1.1					T__				---		6867762	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.98	240.6	Lg	07:18:23.426	-0.3					T__				---		6867766	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/08/17	07:23:04.39	1.31	0.98	47.3621	18.3954	6.7	4.9	88	0.0f	13	10	110	0.09	1.16	sx	BUD	17002150	BUD						173

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	3 BUD	17002150

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	270.7	Pg	07:23:07.043	0.2					T__		1797.9		___	ML	1.8	6867855	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	270.7	Lg	07:23:08.601	-0.7					T__				---		6867848	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
MSW1	0.10	288.5	Lg	07:23:09.013	-0.5					T__				---		6867857	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.14	244.6	Pg	07:23:08.620	0.8					T__		325.4		___	ML	1.2	6867859	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.14	244.6	Lg	07:23:10.218	-0.7					T__				---		6867858	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
MSW3	0.18	276.7	Lg	07:23:11.631	-0.8					T__				---		6867860	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.28	358.2	Lg	07:23:14.907	-0.7					T__				---		6867850	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	282.4	Pg	07:23:12.524	1.1					T__		157.3		___	ML	1.4	6867856	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.33	282.4	Lg	07:23:16.504	-0.8					T__				---		6867851	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
A267A	0.42	171.9	Lg	07:23:19.262	-1.0					T__				---		6867852	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.61	252.1	Lg	07:23:25.661	-0.7					T__				---		6867853	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.16	60.7	Sn	07:23:43.269	-1.6					T__				---		6867854	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.16	171.5	Sn	07:23:43.532	-0.6					T__				---		6867849	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/17	07:24:59.36	2.59	1.64	48.1194	21.3214	16.6	6.9	130	0.0f		8	6	221	0.19	1.03	sx	BUD	17002152	BUD			275

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.0	3 BUD	17002152

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.19	342.9	Pg	07:25:04.066	0.5					T__		213.3		_c_	ML	1.1	6867916	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.19	342.9	Lg	07:25:06.340	-0.9					T__				---		6867917	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
HU02A	0.53	270.6	Pg	07:25:11.089	0.4					T__		22.3		___	ML	1.1	6867918	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
JOS	0.64	306.1	Pg	07:25:12.810	0.6					T__		23.7		___	ML	1.2	6867915	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	306.1	Lg	07:25:22.003	-0.1					T__				---		6867919	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
KECS	0.67	303.4	Lg	07:25:22.356	-0.5					T__				---		6867920	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	0.98	258.7	Lg	07:25:32.563	-2.1					T__				---		6867921	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOLS	1.03	37.5	Lg	07:25:33.068	-2.7					T__				---		6867922	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/17	07:49:42.22	4.33	0.30	46.8280	22.8292	47.3	18.8	174	0.0f		6	4	268	0.09	1.53	sx	BUD	17002154	BUD			299

Magnitude	Err	Nsta	Author	OrigID

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

DRGR	0.09	245.9	Pg	07:49:44.399	-0.0	T__	158.9	___	ML	0.7	6867944	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.09	245.9	Lg	07:49:46.380	0.0	T__		---			6867945	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
GZR	1.44	181.5	Pn	07:50:09.202	0.2	T__	21.5	___	ML	1.6	6867947	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.44	181.5	Sn	07:50:29.483	0.1	T__		---			6867946	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
BZS	1.48	215.2	Sn	07:50:29.700	-0.1	T__		---			6867948	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.53	154.3	Sn	07:50:31.689	-0.5	T__		---			6867949	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/17	08:01:14.90	3.72	0.33	48.4520	20.6953	23.2	11.4	87	0.0f		5	3	292	0.11	0.76	sx	BUD	17002156	BUD			349

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.11	293.0	Pg	08:01:17.439	0.0					T__		61.5		___	ML	0.4	6867967	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	293.0	Lg	08:01:19.113	-0.3					T__				---		6867969	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
KECS	0.14	282.7	Pg	08:01:18.152	0.1					T__		220.9		___	ML	1.0	6867968	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.14	282.7	Lg	08:01:20.698	0.2					T__				---		6867970	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.76	225.4	Lg	08:01:42.247	-0.2					T__				---		6867971	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/08/17	08:55:05.41	0.87	1.03	47.3702	18.4141	4.1	3.1	160	0.0f		27	22	54	0.10	1.47	sx	BUD	17002160	BUD					71

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 6 BUD 17002160

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.10	266.2	Pg	08:55:09.082	0.9					T__		6468.3		___	ML	2.4	6868094	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	266.2	Lg	08:55:09.825	-1.0					T__				---		6868095	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
MSW1	0.11	282.2	Pg	08:55:09.177	1.0					T__		3432.0		___	ML	2.1	6868117	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.11	282.2	Lg	08:55:10.018	-0.9					T__				---		6868118	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MSW2	0.15	243.9	Pg	08:55:09.874	0.8					T__		652.3		___	ML	1.5	6868120	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.15	243.9	Lg	08:55:11.028	-1.4					T__				---		6868119	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
MSW3	0.20	273.9	Pg	08:55:10.788	0.9					T__		575.2		___	ML	1.6	6868121	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU09A	0.27	355.4	Lg	08:55:16.242	-0.1					T__				---		6868096	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

HU08A	0.34	280.6	Lg	08:55:17.272	-1.4	T__	---	6868097	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
A271A	0.36	126.8	Lg	08:55:18.698	-0.8	T__	---	6868098	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
BUD	0.43	74.4	Lg	08:55:21.313	-0.7	T__	---	6868099	FDSN	HU	--	BUD	iLoc	HHN	???	_		
SRO	0.45	351.3	Lg	08:55:21.432	-1.1	T__	---	6868100	FDSN	SK	--	BUD	iLoc	EHN	???	_		
HU10A	0.63	40.5	Lg	08:55:28.285	-0.5	T__	---	6868102	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
MPLH	0.63	251.8	Lg	08:55:27.334	-0.6	T__	---	6868101	FDSN	HU	--	BUD	iLoc	HHN	???	_		
A338A	0.65	356.3	Lg	08:55:28.681	-0.9	T__	---	6868103	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
EGYH	0.74	274.1	Lg	08:55:30.424	-1.1	T__	---	6868104	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU01A	0.82	91.3	Lg	08:55:34.306	-1.2	T__	---	6868105	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	1.14	60.7	Pn	08:55:28.602	0.9	T__	54.1	ML	1.9	6868108	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.14	60.7	Sn	08:55:44.526	-1.0	T__	---	6868107	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																		
(Station ML: 1.9 magdef=1)																		
VYHS	1.16	14.0	Lg	08:55:44.447	-1.4	T__	---	6868111	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MORH	1.17	172.1	Pn	08:55:29.156	1.5	T__	50.3	ML	1.9	6868110	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.17	172.1	Sn	08:55:44.367	-0.9	T__	---	6868109	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																		
(Station ML: 1.9 magdef=1)																		
ZST	1.21	313.5	Sn	08:55:45.635	-1.2	T__	---	6868112	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MODS	1.26	323.1	Sn	08:55:47.378	-1.1	T__	---	6868113	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KOVH	1.30	189.7	Sn	08:55:48.170	-0.5	T__	---	6868114	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU21A	1.38	138.5	Sn	08:55:50.626	0.2	T__	---	6868115	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
RONA	1.47	283.7	Sn	08:55:52.924	-0.1	T__	---	6868116	FDSN	OE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/17	10:12:43.81	1.08	0.95	48.5143	17.4617	9.1	3.1	118	0.0f		11	7	195	0.19	1.26	sx	BUD	17002162	BUD			214

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	17002162

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.19	221.2	Pg	10:12:48.380	0.2					T__						6868155	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	221.2	Lg	10:12:50.598	-1.2					T__						6868157	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.37	21.8	Pg	10:12:52.352	0.6					T__	105.9				ML	1.4	6868162	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	21.8	Lg	10:12:56.313	-1.7					T__						6868158	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ZST	0.40	217.1	Lg	10:12:58.187	-0.5					T__						6868159	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.89	308.2	Pg	10:13:01.578	0.6					T__	27.4				ML	1.4	6868163	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.89	308.2	Lg	10:13:12.986	-1.1					T__						6868160	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
RONA	1.13	224.2	Lg	10:13:21.352	0.5					T__						6868164	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.22	241.9	Pg	10:13:07.900	0.1					T__	39.2				ML	1.8	6868165	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.22	241.9	Lg	10:13:23.904	0.3					T__						6868161	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MORC	1.26	2.4	Lg	10:13:25.357	0.4					T__						6868156	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

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

2021/08/17 10:55:47.69 1.11 1.49 48.8767 20.5886 7.6 4.9 106 0.0f 9 6 134 0.38 1.11 sx BUD 17002164 BUD 240

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.38	184.9	Pg	10:55:56.448	1.1					T__		114.4		---	ML	1.4	6868189	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.38	184.9	Lg	10:56:01.060	-0.2					T__				---		6868193	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.40	189.9	Lg	10:56:01.225	-0.7					T__				---		6868191	FDSN	SK	--	BUD	iLoc	EHN	???	_	
NIE	0.57	340.8	Lg	10:56:05.979	-0.8					T__				---		6868192	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	0.72	143.1	Pg	10:56:02.645	0.6					T__		48.2		---	ML	1.6	6868196	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.72	143.1	Lg	10:56:12.469	-1.5					T__				---		6868195	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.06	206.0	Lg	10:56:23.085	-2.6					T__				---		6868194	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOLS	1.11	86.4	Pg	10:56:09.362	0.6					T__				---		6868190	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.11	86.4	Lg	10:56:24.352	-1.1					T__				---		6868197	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/17	11:39:34.17	1.09	1.25	47.5746	18.3262	24.1	5.0	99	0.0f	6	5	140	0.07	1.38	kx	BUD	17002166	BUD				172
2021/08/17	11:39:33.56	1.05	1.22	47.5600	18.4573f				0.0f	6	5	195	0.09	1.35	kx	BUD_GT	17002167	BUD_GT				235

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	327.2	Lg	11:39:37.825	-0.5					T__				---		6868235	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.24	214.2	Pg	11:39:39.568	0.7					T__		226.7		---	ML	1.3	6868237	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	11:39:42.222	-1.3					T__				---		6868236	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
SRO	0.27	339.1	Lg	11:39:43.530	-1.0					T__				---		6868234	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MODS	1.14	316.2	Sn	11:40:11.575	-2.0					T__				---		6868238	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.35	174.5	Sn	11:40:17.913	-0.2					T__				---		6868239	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/18	05:58:06.10	1.14	0.74	47.3262	18.3020	7.7	3.0	135	5.0f	18	12	106	0.05	1.70	ke	BUD	17002172	BUD				125
2021/08/18	05:58:05.50	0.87	0.91	47.3167	18.3081f				0.0f	18	12	107	0.06	1.70	kx	BUD_GT	17002173	BUD_GT				125

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 6 BUD\_GT 17002173

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	05:58:07.765	0.4					T__		1807.7		---	ML	1.7	6869966	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	05:58:08.404	-0.9					T__				---		6869972	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

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(Station ML: 1.7 magdef=0
MSW2 0.07 257.7 Pg 05:58:08.063 0.5 T__ 923.0 ___ ML 1.5 6869978 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.07 257.7 Lg 05:58:09.163 -0.4 T__ ___ 6869979 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MSW1 0.08 336.4 Pg 05:58:08.259 0.4 T__ 1508.5 ___ ML 1.7 6869981 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.08 336.4 Lg 05:58:09.139 -1.0 T__ ___ 6869980 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MSW3 0.14 298.3 Pg 05:58:09.310 0.4 T__ 357.0 ___ ML 1.2 6869982 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.14 298.3 Lg 05:58:11.633 -0.4 T__ ___ 6869983 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU08A 0.29 293.8 Lg 05:58:16.155 -0.8 T__ ___ 6869969 FDSN ZJ 00 BUD iLoc HHN ??? _
HU09A 0.33 8.9 Pg 05:58:13.119 0.6 T__ 217.9 ___ ML 1.5 6869974 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.33 8.9 Lg 05:58:18.288 -0.2 T__ ___ 6869973 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MPLH 0.54 254.6 Lg 05:58:25.511 0.3 T__ ___ 6869970 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.71 42.0 Lg 05:58:30.516 -1.5 T__ ___ 6869975 FDSN ZJ 00 BUD iLoc HHE ??? _
MORH 1.13 168.1 Lg 05:58:43.575 -0.6 T__ ___ 6869967 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.23 60.1 Pn 05:58:30.062 1.0 T__ 31.7 ___ ML 1.7 6869977 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.23 60.1 Sn 05:58:46.400 -1.4 T__ ___ 6869976 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOVH 1.24 186.7 Sn 05:58:47.695 0.5 T__ ___ 6869968 FDSN HU -- BUD iLoc HHN ??? _
HU02A 1.70 60.9 Sn 05:58:56.920 -2.0 T__ ___ 6869971 FDSN ZJ 00 BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/18	06:55:03.81	4.26	1.10	46.8689	22.7119	29.8	22.2	54	0.0f	6	4	307	0.08	1.48	sx	BUD	17002174	BUD				326

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.08 180.4 Pg 06:55:05.867 0.1 T__ 277.4 ___ ML 1.0 6870012 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.08 180.4 Lg 06:55:07.451 -0.1 T__ ___ 6870014 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
SIRR 0.94 230.7 Lg 06:55:36.689 0.2 T__ ___ 6870015 FDSN RO -- BUD iLoc HHN ??? _
BZS 1.47 211.6 Pn 06:55:29.621 -1.0 T__ 16.1 ___ ML 1.5 6870013 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.47 211.6 Sn 06:55:51.091 -0.0 T__ ___ 6870017 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
GZR 1.48 178.2 Sn 06:55:50.369 -1.6 T__ ___ 6870016 FDSN RO -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/18	07:14:41.98	0.94	1.50	47.6227	18.5432	6.3	4.1	179	0.0f	20	15	81	0.11	1.83	sx	BUD	17002176	BUD				105

Magnitude Err Nsta Author OrigID  
ML 2.0 0.4 4 BUD 17002176

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.11	278.4	Pg	07:14:45.934	1.2					T__		3305.8		_c_	ML	2.1	6870130	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.11	278.4	Lg	07:14:46.746	-0.6					T__				---		6870135	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
SRO	0.25	320.9	Lg	07:14:50.857	-1.1					T__				---		6870147	FDSN	SK	--	BUD	iLoc	EHN	???	_	
BUD	0.35	113.0	Lg	07:14:56.411	0.5					T__				---		6870136	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.37	229.9	Lg	07:14:54.821	-1.5					T__				---		6870148	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MPLH	0.82	236.8	Lg	07:15:08.438	-2.2					T__				---		6870149	FDSN	HU	--	BUD	iLoc	HHE	???	_	
EGYH	0.85	256.4	Pg	07:14:59.939	0.8					T__		277.5		---	ML	2.4	6870141	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.85	256.4	Lg	07:15:11.362	-0.2					T__				---		6870142	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
PSZ	0.96	71.5	Pn	07:15:01.342	-0.5					T__		57.5		---	ML	1.8	6870144	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	71.5	Lg	07:15:14.368	-2.4					T__				---		6870143	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ZST	1.13	301.2	Sn	07:15:18.877	-2.6					T__				---		6870146	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	1.13	311.9	Pn	07:15:03.947	-0.4					T__				---		6870145	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.13	311.9	Sn	07:15:18.753	-3.3					T__				---		6870137	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	1.37	335.1	Sn	07:15:28.161	-0.2					T__				---		6870131	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MORH	1.41	177.2	Pn	07:15:08.137	0.5					T__		20.2		---	ML	1.6	6870139	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.41	177.2	Sn	07:15:26.992	-1.0					T__				---		6870138	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
RONA	1.52	273.7	Sn	07:15:30.715	-0.2					T__				---		6870133	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KOVH	1.56	191.4	Sn	07:15:30.795	-1.0					T__				---		6870140	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	1.60	56.1	Sn	07:15:34.042	1.3					T__				---		6870134	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
CONA	1.83	280.6	Sn	07:15:38.936	0.1					T__				---		6870132	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/08/18 08:19:41.55 0.94 0.69 46.8748 17.3069 5.8 4.0 62 0.0f 15 12 81 0.13 1.44 sx BUD 17002180 BUD 126

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 3 BUD 17002180

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.13	305.5	Pg	08:19:45.101	0.2					T__		8012.6		---	ML	2.6	6870295	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.13	305.5	Lg	08:19:47.239	-0.4					T__				---		6870281	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
A263A	0.23	178.7	Lg	08:19:50.071	-0.7					T__				---		6870283	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.34	28.2	Lg	08:19:54.672	0.1					T__				---		6870284	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.54	1.8	Lg	08:20:00.866	-0.6					T__				---		6870285	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.70	36.9	Lg	08:20:07.061	-0.1					T__				---		6870286	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.81	52.8	Lg	08:20:10.600	-0.9					T__				---		6870287	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	0.96	144.9	Pg	08:20:01.619	0.7					T__		31.3		---	ML	1.5	6870296	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.96	144.9	Lg	08:20:13.963	-0.6					T__				---		6870288	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU09A	1.06	43.4	Sn	08:20:18.918	0.0					T__				---		6870291	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

RONA	1.07	320.6	Pg	08:20:03.344	0.3	T__	32.9	---	ML	1.6	6870290	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.07	320.6	Lg	08:20:17.325	0.1	T__		---			6870289	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
MORH	1.13	125.1	Sn	08:20:19.449	-0.8	T__		---			6870292	FDSN	HU	--	BUD	iLoc	HHN	???	_
PTJ	1.34	224.2	Sn	08:20:24.404	-1.5	T__		---			6870293	FDSN	CR	--	BUD	iLoc	BHN	???	_
CONA	1.44	317.6	Sn	08:20:28.121	0.1	T__		---			6870294	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/18	08:59:43.76	0.93	1.28	48.4136	17.2737	5.5	3.2	94	0.0f	11	8	146	0.04	1.30	sx	BUD	17002182	BUD				218

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.04	176.5	Pg	08:59:44.795	-0.5					T__						6870340	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	176.5	Lg	08:59:46.538	-0.3					T__						6870341	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.25	207.8	Lg	08:59:52.947	-0.6					T__						6870342	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.52	30.4	Pg	08:59:54.462	-0.2					T__		53.9		---	ML	1.5	6870350	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	30.4	Lg	09:00:04.350	1.4					T__						6870349	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A001A	0.55	305.0	Lg	09:00:02.247	-1.0					T__						6870343	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KRUC	0.87	318.5	Pg	09:00:00.571	0.1					T__		21.1		---	ML	1.3	6870348	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.87	318.5	Lg	09:00:11.663	-1.7					T__						6870344	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
RONA	0.97	222.9	Lg	09:00:17.037	1.4					T__						6870345	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.06	243.3	Lg	09:00:20.155	1.7					T__						6870346	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A013A	1.30	255.0	Lg	09:00:26.921	1.4					T__						6870347	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/18	09:52:22.88	1.04	1.12	48.9023	21.2710	7.7	4.4	157	0.0f	11	7	137	0.61	1.35	sx	BUD	17002184	BUD				215

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 5 BUD 17002184

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.61	182.0	Pg	09:52:35.376	0.3					T__		58.0		---	ML	1.6	6870401	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.61	182.0	Lg	09:52:43.977	-1.2					T__						6870398	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
JOS	0.63	230.3	Pg	09:52:36.002	0.5					T__		64.4		---	ML	1.7	6870394	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	230.3	Lg	09:52:44.510	-0.5					T__						6870399	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOLS	0.66	86.9	Pg	09:52:36.002	0.4					T__						6870395	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.66	86.9	Lg	09:52:44.986	-1.4					T__						6870402	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.67	231.4	Pg	09:52:36.560	0.4					T__		96.6		---	ML	1.9	6870396	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.67	231.4	Lg	09:52:45.131	-1.1					T__						6870400	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									

(Station ML: 1.9 magdef=0  
 NIE 0.82 309.4 Lg 09:52:49.080 -1.0 T\_\_  
 TRPA 1.14 132.0 Pn 09:52:46.209 1.1 T\_\_ 36.6 --- ML 1.7 6870403 FDSN HU -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 PSZ 1.35 223.5 Pn 09:52:49.791 1.6 T\_\_ 30.7 --- ML 1.7 6870404 FDSN GE -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/18	10:00:30.93	0.89	0.58	48.1635	16.9117	7.0	3.3	140	0.0f		12	8	146	0.13	1.31	sx	BUD	17002186	BUD			172

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
ZST	0.13	75.6	Pg	10:00:34.630	0.5					T__						6870850	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
ZST	0.13	75.6	Lg	10:00:36.690	-0.3					T__						6870849	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MODS	0.32	49.1	Pg	10:00:38.223	0.3					T__						6870860	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.32	49.1	Lg	10:00:43.056	-0.5					T__						6870851	FDSN	SK	--	BUD	iLoc	HHN	???	_		
RONA	0.62	222.0	Pg	10:00:43.228	-0.2					T__	35.6				ML	1.4	6870853	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.62	222.0	Lg	10:00:51.309	-0.4					T__						6870852	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																										
CONA	0.74	251.9	Lg	10:00:55.517	0.1					T__						6870854	FDSN	OE	--	BUD	iLoc	HHN	???	_		
JAVC	0.86	35.7	Lg	10:01:00.513	-1.4					T__						6870855	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
KRUC	0.96	339.3	Lg	10:01:03.562	-0.1					T__						6870856	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
VRAC	1.17	349.7	Lg	10:01:10.543	0.4					T__						6870857	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
ARSA	1.31	226.3	Pn	10:00:56.085	0.0					T__	47.7				ML	1.9	6870859	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	1.31	226.3	Lg	10:01:13.039	0.4					T__						6870858	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/18	10:08:05.59	1.49	1.43	48.6198	20.8293	7.7	7.4	42	0.0f		6	5	163	0.23	0.94	sx	BUD	17002188	BUD			260

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.23	237.3	Pg	10:08:10.988	0.6					T__		301.5			ML	1.4	6870879	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.23	237.3	Lg	10:08:13.682	-0.4					T__						6870880	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																										
KECS	0.27	239.2	Lg	10:08:15.118	-0.2					T__						6870884	FDSN	SK	--	BUD	iLoc	EHN	???	_		
ABAH	0.42	139.7	Lg	10:08:21.154	-0.4					T__						6870881	FDSN	HU	--	BUD	iLoc	HHN	???	_		
NIE	0.87	336.6	Lg	10:08:33.529	-0.9					T__						6870883	FDSN	PL	--	BUD	iLoc	BHN	???	_		
PSZ	0.94	222.0	Lg	10:08:37.258	-2.1					T__						6870882	FDSN	GE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/18	13:53:39.12	0.90	0.60	47.8835	16.0722	5.1	3.5	24	0.0f		14	10	82	0.15	1.50	sx	BUD	17002190	BUD			130

Magnitude Err Nsta Author OrigID  
 ML 1.1 0.3 3 BUD 17002190

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	287.6	Pg	13:53:42.262	-0.1					T__		239.9		---	ML	1.1	6871855	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	287.6	Lg	13:53:43.926	-0.7					T__				---		6871856	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
RONA	0.24	140.5	Pg	13:53:44.122	-0.0					T__		86.9		_c_	ML	0.9	6871859	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	140.5	Lg	13:53:47.608	-0.0					T__				---		6871858	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
A011B	0.48	189.2	Lg	13:53:54.624	-0.2					T__				---		6871860	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A013A	0.48	292.2	Lg	13:53:55.147	0.4					T__				---		6871857	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A018A	0.68	258.6	Lg	13:54:01.229	0.2					T__				---		6871861	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.73	210.6	Lg	13:54:02.560	-0.0					T__				---		6871862	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.94	58.3	Pg	13:53:58.930	0.6					T__				---		6871864	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.94	58.3	Lg	13:54:12.081	-0.8					T__				---		6871863	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	10.2	Sn	13:54:19.837	0.3					T__				---		6871865	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
TREC	1.46	344.8	Pn	13:54:07.046	0.7					T__		84.2		---	ML	2.2	6871867	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.46	344.8	Sn	13:54:27.170	1.2					T__				---		6871866	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
CKRC	1.50	309.2	Sn	13:54:27.833	0.5					T__				---		6871868	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/08/18 14:22:30.39 0.87 0.74 46.1477 16.4464 5.6 3.2 127 9.5 8.3 28 21 65 0.33 1.85 ke BUD 17002192 BUD 121

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.0 7 BUD 17002192

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.33	335.7	Pg	14:22:37.194	-0.0					T__		621.8		---	ML	2.0	6871924	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.33	335.7	Lg	14:22:42.106	0.3					T__				---		6871923	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BEHE	0.40	35.2	Pg	14:22:38.121	-0.5					T__		1307.3		---	ML	2.5	6871927	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.40	35.2	Lg	14:22:44.301	0.1					T__				---		6871926	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
PTJ	0.41	234.3	Pg	14:22:38.441	-0.5					T__		217.4		---	ML	1.8	6871920	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.41	234.3	Lg	14:22:44.937	-0.3					T__				---		6871919	FDSN	CR	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ZAG	0.45	225.1	Pg	14:22:39.759	0.3					T__		1589.7		---	ML	2.8	6871918	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.45	225.1	Lg	14:22:46.255	0.4					T__				---		6871917	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
A264A	0.59	88.5	Lg	14:22:50.974	0.9					T__				---		6871925	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A262A	0.72	4.4	Lg	14:22:55.426	1.3					T__				---		6871929	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CRES	0.76	245.3	Pg	14:22:44.740	-0.2					T__		123.6		_c_	ML	2.0	6871921	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_

CRES	0.76	245.3	Lg	14:22:56.307	-0.0	T__	---	6871922	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																	
(Station ML: 2.0 magdef=1)																	
A263A	0.78	50.3	Lg	14:22:57.187	1.1	T__	---	6871930	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A261A	0.94	30.8	Lg	14:23:00.936	-0.2	T__	---	6871935	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A273A	0.98	103.1	Lg	14:23:01.818	-0.2	T__	---	6871936	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOVH	1.15	92.4	Lg	14:23:06.839	-0.6	T__	---	6871938	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.27	36.0	Pg	14:22:54.047	-0.6	T__	66.1	ML	2.0	6871933	FDSN	HU	--	BUD	iLoc	HHZ	HHZ
MPLH	1.27	36.0	Sn	14:23:10.684	0.5	T__	---	6871939	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																	
(Station ML: 2.0 magdef=1)																	
ARSA	1.27	330.4	Pn	14:22:53.781	0.2	T__	92.2	ML	2.2	6871941	FDSN	OE	--	BUD	iLoc	HHZ	HHZ
ARSA	1.27	330.4	Sn	14:23:11.211	1.1	T__	---	6871940	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																	
(Station ML: 2.2 magdef=1)																	
A011B	1.31	345.3	Lg	14:23:12.371	0.5	T__	---	6871942	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
OBKA	1.36	286.1	Sn	14:23:14.441	1.1	T__	---	6871931	FDSN	OE	--	BUD	iLoc	HHN	???	_	
BLY	1.49	159.4	Sn	14:23:16.014	0.2	T__	---	6871928	FDSN	MN	--	BUD	iLoc	HHN	???	_	
MORH	1.53	86.7	Sn	14:23:17.053	0.8	T__	---	6871932	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	1.56	356.3	Lg	14:23:19.612	-0.5	T__	---	6871943	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A267A	1.62	59.6	Sn	14:23:20.152	1.5	T__	---	6871944	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CONA	1.83	347.6	Lg	14:23:27.118	-1.2	T__	---	6871945	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	1.85	330.1	Lg	14:23:28.329	-0.3	T__	---	6871934	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/18	15:10:18.12	0.86	0.55	47.5883	16.3913	4.1	3.4	145	0.0f		21	15	67	0.13	1.66	sx	BUD	17002194	BUD			112

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	6 BUD	17002194

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.13	330.1	Pg	15:10:21.155	0.1					T__		1295.1		_c	ML	1.8	6871993	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.13	330.1	Lg	15:10:22.819	-0.4					T__				---		6871996	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SOP	0.15	49.9	Pg	15:10:21.987	0.5					T__	208.3			---	ML	1.0	6871995	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.15	49.9	Lg	15:10:24.443	0.5					T__				---		6871994	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
A011B	0.34	238.6	Pg	15:10:25.024	0.0					T__	94.8			---	ML	1.2	6871998	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.34	238.6	Lg	15:10:28.906	-0.5					T__				---		6871997	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CONA	0.49	313.8	Pg	15:10:28.022	0.0					T__	62.1			---	ML	1.5	6872000	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.49	313.8	Lg	15:10:34.440	-0.2					T__				---		6871999	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
EGYH	0.66	104.7	Lg	15:10:41.440	-0.2					T__				---		6872002	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.68	240.5	Lg	15:10:40.012	0.2					T__				---		6872001	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A013A	0.82	306.0	Lg	15:10:44.530	0.1					T__				---		6872003	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.89	117.8	Lg	15:10:48.535	-0.5					T__				---		6872005	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A018A	0.90	280.4	Lg	15:10:47.351	0.4					T__				---		6872004	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

MODS	0.99	36.8	Lg	15:10:52.050	-1.3	T__										6872006	FDSN	SK	--	BUD	iLoc	HNN	???	_	
HU08A	1.05	98.0	Sn	15:10:54.372	-0.5	T__										6872007	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
KOGS	1.14	184.9	Pg	15:10:40.627	-0.1	T__				59.7			ML	1.9	6872009	FDSN	SL	--	BUD	iLoc	BHZ	BHZ		_	
KOGS	1.14	184.9	Lg	15:10:55.521	0.4	T__										6872008	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A001A	1.15	6.6	Sn	15:10:56.437	-1.2	T__										6872010	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KRUC	1.47	0.1	Pn	15:10:45.921	0.5	T__				41.4			ML	1.9	6872012	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ		_	
KRUC	1.47	0.1	Sn	15:11:05.648	0.3	T__										6872011	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
OBKA	1.66	230.1	Sn	15:11:10.077	-0.3	T__										6872013	FDSN	OE	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/19	00:22:23.86	1.11	1.32	45.8732	20.8140	7.7	4.8	42	8.3	12.4	15	10	69	0.48	1.60	ke	BUD	17002196	BUD			128

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	5 BUD	17002196

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
AMBH	0.48	352.7	Lg	00:22:42.512	1.2					T__						6872090	FDSN	HU	--	BUD	iLoc	HNN	???	_	
BANR	0.54	155.2	Lg	00:22:43.096	0.8					T__						6872091	FDSN	RO	--	BUD	iLoc	HHE	???	_	
BZS	0.62	114.2	Pg	00:22:35.828	-0.2					T__		54.7			ML	1.6	6872084	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.62	114.2	Lg	00:22:44.393	-0.4					T__						6872095	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
SIRR	0.71	55.9	Pg	00:22:37.699	-0.5					T__		31.8			ML	1.4	6872097	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.71	55.9	Lg	00:22:47.961	-0.2					T__						6872096	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU21A	0.88	301.7	Lg	00:22:53.679	-0.8					T__						6872092	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
FRGS	1.01	225.0	Sn	00:22:55.749	-2.1					T__						6872098	FDSN	SJ	--	BUD	iLoc	BHN	???	_	
GZR	1.46	108.5	Pg	00:22:51.111	-0.5					T__		24.4			ML	1.7	6872086	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.46	108.5	Sn	00:23:09.636	0.5					T__						6872085	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DEV	1.46	88.9	Lg	00:23:10.765	0.2					T__						6872093	FDSN	RO	--	BUD	iLoc	HHE	???	_	
MORH	1.55	283.5	Pn	00:22:50.494	0.3					T__		18.2			ML	1.6	6872087	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.55	283.5	Sn	00:23:12.974	2.4					T__						6872094	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	1.60	54.4	Pn	00:22:52.614	1.2					T__		25.0			ML	1.8	6872089	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.60	54.4	Sn	00:23:14.689	2.1					T__						6872088	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/19	08:25:06.69	0.97	1.04	46.1913	18.2884	8.4	3.5	153	0.0f		7	5	147	0.17	0.72	kx	BUD	17002198	BUD				191
2021/08/19	08:25:06.68	0.97	0.95	46.1765	18.2926f				0.0f		7	5	155	0.16	0.73	kx	BUD_GT	17002199	BUD_GT				197

(locality : Komló Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	08:25:11.148	0.6					T__		402.5		---	ML	1.4	6873841	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:25:12.763	-0.9					T__				---		6873840	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.25	80.9	Pg	08:25:12.801	0.6					T__		186.4		---	ML	1.3	6873839	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:25:15.926	-0.7					T__				---		6873842	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.35	356.8	Lg	08:25:19.504	-0.6					T__				---		6873843	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A264A	0.70	269.0	Lg	08:25:30.531	-0.1					T__				---		6873844	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A272A	0.73	39.1	Lg	08:25:32.159	-1.8					T__				---		6873845	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/19	08:29:13.20	1.08	1.11	48.5481	20.8229	7.8	3.9	9	0.0f		8	6	92	0.20	1.03	sx	BUD	17002200	BUD			172

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.20	254.6	Pg	08:29:17.890	0.6					T__		587.2		---	ML	1.6	6873867	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	254.6	Lg	08:29:20.206	-0.3					T__				---		6873866	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.23	254.0	Lg	08:29:21.304	-0.5					T__				---		6873868	FDSN	SK	--	BUD	iLoc	EHN	???	_	
ABAH	0.38	132.1	Pg	08:29:21.492	0.5					T__		74.4		---	ML	1.2	6873873	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	132.1	Lg	08:29:26.972	-0.6					T__				---		6873869	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.88	224.9	Lg	08:29:43.623	-1.5					T__				---		6873871	FDSN	GE	--	BUD	iLoc	HHN	???	_	
NIE	0.94	338.6	Lg	08:29:43.494	-0.7					T__				---		6873870	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	1.03	67.6	Lg	08:29:47.618	-1.4					T__				---		6873872	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/19	22:36:52.12	0.97	0.44	47.4752	18.2693	12.3	3.3	107	10.0f		8	5	158	0.08	0.18	ke	BUD	17002210	BUD			316

Magnitude Err Nsta Author OrigID  
ML 0.9 0.3 3 BUD 17002210

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW1	0.08	184.9	Pg	22:36:55.089	0.3					T__		437.4		_c	ML	1.2	6875589	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	184.9	Lg	22:36:56.681	-0.5					T__				---		6875590	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.11	183.1	Pg	22:36:55.569	0.3					T__		177.7		---	ML	0.9	6875588	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	183.1	Lg	22:36:57.544	-0.4					T__				---		6875587	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									

```

(Station ML: 0.9 magdef=1
MSW3 0.13 226.6 Lg 22:36:58.139 -0.3 T__
MSW2 0.18 192.9 Lg 22:36:59.697 -0.2 T__
HU09A 0.18 25.1 Pg 22:36:56.553 0.2 T__
HU09A 0.18 25.1 Lg 22:36:59.506 -0.4 T__
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 07:17:19.49 2.51 0.51 48.9229 19.3506 19.2 5.0 169 0.0f 11 6 257 0.55 1.40 sx BUD 17002214 BUD 315

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Magnitude Err Nsta Author OrigID
ML 1.5 0.0 5 BUD 17002214

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.55 218.6 Pg 07:17:30.641 0.0 T__ 15.1 ___ ML 1.0 6875789 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.55 218.6 Lg 07:17:38.545 -0.1 T__ ___ 6875790 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
KECS 0.87 119.9 Pg 07:17:36.616 -0.2 T__ 162.2 ___ ML 2.2 6875791 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.87 119.9 Lg 07:17:49.729 0.1 T__ ___ 6875786 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 0.90 118.0 Pg 07:17:37.114 -0.1 T__ 33.8 ___ ML 1.5 6875792 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.90 118.0 Lg 07:17:50.650 0.2 T__ ___ 6875787 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 1.07 160.0 Pn 07:17:41.716 0.7 T__ 29.1 ___ ML 1.6 6875785 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.07 160.0 Lg 07:17:57.716 0.1 T__ ___ 6875793 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 1.12 135.3 Pn 07:17:41.844 0.2 T__ 23.0 ___ ML 1.5 6875795 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.12 135.3 Lg 07:17:57.716 -0.4 T__ ___ 6875794 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 1.40 115.9 Sn 07:18:06.839 1.2 T__ ___ 6875788 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 09:20:31.12 0.97 0.99 46.0554 22.8271 8.0 4.1 81 0.0f 10 7 93 0.18 0.95 sx BUD 17002216 BUD 138

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 3 BUD 17002216

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.18 162.8 Pg 09:20:34.861 0.3 T__ 848.9 ___ ML 1.7 6875826 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.18 162.8 Lg 09:20:37.794 0.7 T__ ___ 6875827 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR 0.66 183.1 Pg 09:20:43.883 0.0 T__ 49.0 ___ ML 1.6 6875828 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.66 183.1 Lg 09:20:52.219 -1.0 T__ ___ 6875829 FDSN RO -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.74 353.8 Pg 09:20:46.590 0.5 T__ 40.6 ___ ML 1.5 6875831 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.74 353.8 Lg 09:20:57.242 -0.8 T__ ___ 6875830 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
SIRR 0.84 285.1 Lg 09:21:00.127 -0.3 T__ ___ 6875834 FDSN RO -- BUD iLoc HHN ??? _
CJR 0.85 38.8 Lg 09:20:59.871 -1.1 T__ ___ 6875833 FDSN RO -- BUD iLoc HHN ??? _
LOT 0.90 132.3 Lg 09:20:59.820 -1.6 T__ ___ 6875832 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.95 243.0 Lg 09:21:02.632 -0.5 T__ ___ 6875835 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 09:40:59.38 1.31 1.18 48.5308 20.8303 7.3 6.0 26 0.0f 11 8 130 0.20 1.21 sx BUD 17002218 BUD 208

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.2 3 BUD 17002218

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.20 259.8 Pg 09:41:04.455 0.9 T__ 353.7 ___ ML 1.4 6875862 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 259.8 Lg 09:41:06.404 -0.4 T__ ___ 6875864 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.23 258.4 Pg 09:41:05.045 0.8 T__ 1245.4 ___ ML 2.0 6875863 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.23 258.4 Lg 09:41:07.515 -0.5 T__ ___ 6875865 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.36 130.6 Lg 09:41:12.778 -0.4 T__ ___ 6875866 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.46 206.6 Lg 09:41:15.981 -0.5 T__ ___ 6875867 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.88 225.9 Pn 09:41:17.380 -0.6 T__ 35.2 ___ ML 1.5 6875869 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.88 225.9 Lg 09:41:29.421 -1.6 T__ ___ 6875868 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
NIE 0.95 338.7 Lg 09:41:29.346 -1.6 T__ ___ 6875870 FDSN PL -- BUD iLoc BHN ??? _
HU03A 1.03 233.1 Lg 09:41:34.533 -1.4 T__ ___ 6875871 FDSN ZJ 00 BUD iLoc HHN ??? _
TRPA 1.21 108.7 Sn 09:41:39.913 -1.1 T__ ___ 6875872 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 10:08:40.32 1.14 0.33 48.4445 20.4114 14.2 5.2 135 0.0f 7 4 198 0.06 0.63 sx BUD 17002220 BUD 307

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.2 3 BUD 17002220

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.06 51.9 Pg 10:08:42.151 0.3 T__ 638.2 ___ ML 1.3 6875923 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.06 51.9 Lg 10:08:42.758 -0.5 T__ ___ 6875928 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
JOS 0.10 58.9 Pg 10:08:42.706 0.1 T__ 310.8 ___ ML 1.1 6875927 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.10 58.9 Lg 10:08:44.139 -0.3 T__ ___ 6875926 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.1 magdef=1

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(Station ML: 1.1 magdef=1
ABAH 0.57 104.7 Lg 10:09:01.434 -0.1 T__
PSZ 0.63 213.5 Pg 10:08:53.707 -0.1 T__ 38.2 --- ML 1.4 6875924 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.63 213.5 Lg 10:09:03.703 0.1 T__ --- 6875922 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 10:12:54.99 3.43 1.56 46.0457 22.8161 23.4 9.8 10 0.0f 6 4 248 0.17 0.94 sx BUD 17002222 BUD 309

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.17 159.4 Pg 10:12:58.602 0.3 T__ 1888.3 --- ML 2.1 6875970 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.17 159.4 Lg 10:13:00.300 -0.4 T__ --- 6875971 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
GZR 0.65 182.4 Pg 10:13:08.327 0.8 T__ 33.4 --- ML 1.4 6875972 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.65 182.4 Lg 10:13:16.512 -0.3 T__ --- 6875973 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
LOT 0.90 131.5 Lg 10:13:23.228 -2.1 T__ --- 6875974 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.94 243.3 Lg 10:13:25.235 -1.4 T__ --- 6875975 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/20 10:49:19.14 1.20 1.04 48.8072 21.2221 8.0 5.3 174 0.0f 12 8 123 0.51 1.26 sx BUD 17002224 BUD 202

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Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 4 BUD 17002224

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.51 178.7 Lg 10:49:37.138 -1.0 T__ --- 6876009 FDSN HU -- BUD iLoc HHN ??? _
JOS 0.55 235.7 Pg 10:49:30.359 0.2 T__ 115.7 --- ML 1.9 6876003 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 235.7 Lg 10:49:38.117 -0.3 T__ --- 6876006 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.59 236.7 Pg 10:49:31.538 0.7 T__ 186.3 --- ML 2.1 6876004 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.59 236.7 Lg 10:49:39.218 -0.5 T__ --- 6876007 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KOLS 0.71 79.3 Lg 10:49:42.685 -1.4 T__ --- 6876008 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.83 214.4 Pn 10:49:38.171 1.1 T__ 67.9 --- ML 1.8 6876005 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.83 214.4 Lg 10:49:47.588 -1.4 T__ --- 6876011 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE 0.86 315.6 Lg 10:49:46.821 -0.8 T__ --- 6876010 FDSN PL -- BUD iLoc BHN ??? _
TRPA 1.11 127.2 Pg 10:49:41.336 0.8 T__ 39.0 --- ML 1.7 6876013 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.11 127.2 Lg 10:49:56.464 -1.0 T__ --- 6876012 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/08/20	11:36:30.25	0.92	0.61	47.6003	16.3803	4.7	3.6	4	0.0f	15	12	72	0.11	1.85	sx	BUD	17002226	BUD				118			
Magnitude Err Nsta Author OrigID ML 1.3 0.0 3 BUD 17002226																									
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	330.3	Pg	11:36:33.035	0.1					T__		481.0		_c_	ML	1.3	6876153	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	330.3	Lg	11:36:34.733	-0.2					T__				---		6876155	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
SOP	0.15	55.3	Pg	11:36:34.013	0.5					T__		179.3		---	ML	1.0	6876152	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.15	55.3	Lg	11:36:36.328	0.3					T__				---		6876156	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A011B	0.34	236.3	Lg	11:36:41.015	-0.6					T__				---		6876157	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
CONA	0.48	313.4	Pg	11:36:40.435	0.6					T__		43.8		---	ML	1.3	6876158	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.48	313.4	Lg	11:36:45.992	-0.3					T__				---		6876154	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
EGYH	0.67	105.5	Lg	11:36:53.596	-0.5					T__				---		6876160	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.68	239.3	Lg	11:36:51.806	-0.1					T__				---		6876159	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MPLH	0.90	118.2	Lg	11:37:00.683	-0.8					T__				---		6876161	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	0.98	37.6	Lg	11:37:04.179	-1.1					T__				---		6876162	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOGS	1.16	184.5	Lg	11:37:07.705	0.1					T__				---		6876163	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KRUC	1.46	0.4	Sn	11:37:17.787	0.6					T__				---		6876164	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
JAVC	1.53	33.9	Sn	11:37:20.182	0.3					T__				---		6876165	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.85	312.2	Sn	11:37:27.789	0.8					T__				---		6876166	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp 2021/08/20 21:59:33.70 0.88 0.62 47.7571 16.1571 5.6 3.3 36 9.0f 14 10 79 0.11 1.32 ke BUD 17002228 BUD 99																									
Magnitude Err Nsta Author OrigID ML 1.0 0.4 6 BUD 17002228																									
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	121.4	Pg	21:59:36.812	0.1					T__		37.6		_d_	ML	0.2	6876444	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	121.4	Lg	21:59:38.285	-0.5					T__				---		6876445	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=0)																									
CONA	0.26	310.8	Pg	21:59:39.718	0.4					T__		20.5		---	ML	0.3	6876447	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	310.8	Lg	21:59:42.910	-0.3					T__				---		6876446	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
SOP	0.28	105.1	Lg	21:59:44.057	0.4					T__				---		6876457	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A011B	0.37	201.1	Pg	21:59:41.646	0.3					T__		29.5		---	ML	0.8	6876448	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									

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A013A 0.59 301.5 Lg      21:59:53.606  0.6      T__
ARSA  0.66 220.5 Pg      21:59:46.571 -0.1      T__
      (Reading ML: 1.2 magdef=1
      (Station ML: 1.2 magdef=1
A008A 0.70 331.2 Pg      21:59:47.118 -0.1      T__
A008A 0.70 331.2 Lg      21:59:56.134 -0.7      T__
      (Reading ML: 1.4 magdef=1
      (Station ML: 1.4 magdef=1
A019A 0.79 247.1 Lg      21:59:58.687 -0.7      T__
MODS  0.97  50.2 Sn      22:00:05.931 -1.4      T__
KRUC  1.32  6.8 Pn      21:59:57.645 -0.0      T__
KRUC  1.32  6.8 Sn      22:00:14.738 -0.5      T__
      (Reading ML: 1.4 magdef=1
      (Station ML: 1.4 magdef=0

```

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/08/21 15:49:57.31  1.21  0.41  47.7749  16.1701  9.2  4.1  32  7.4  13.4  8  5 102  0.11  1.30  ke BUD      17002234  BUD      175

```

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Magnitude Err Nsta Author      OrigID
ML      0.4 0.2  4 BUD      17002234

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Sta  Dist EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA 0.11 131.4 Pg      15:50:00.229  0.0      T__
RONA 0.11 131.4 Lg      15:50:02.053 -0.2      T__
      (Reading ML: 0.2 magdef=1
      (Station ML: 0.2 magdef=1
CONA 0.26 306.6 Pg      15:50:02.653 -0.2      T__
CONA 0.26 306.6 Lg      15:50:06.952  0.4      T__
      (Reading ML: 0.4 magdef=1
      (Station ML: 0.4 magdef=1
SOP  0.28 109.1 Pg      15:50:03.151  0.0      T__
      (Reading ML: 0.4 magdef=1
      (Station ML: 0.4 magdef=1
ARSA 0.68 220.1 Lg      15:50:19.329  0.1      T__
KRUC 1.30  6.6 Pn      15:50:21.101 -0.1      T__
KRUC 1.30  6.6 Sn      15:50:38.038 -0.7      T__
      (Reading ML: 1.5 magdef=1
      (Station ML: 1.5 magdef=1

```

```

Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/08/23 06:25:24.65  1.37  1.01  46.0987  22.8225  10.5  6.7  57  0.0f  8  6 140  0.22  0.97  sx BUD      17002238  BUD      211

```

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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  0.22 165.3 Pg      06:25:29.401  0.5      T__
DEV  0.22 165.3 Lg      06:25:31.408 -0.6      T__
      (Reading ML: 1.7 magdef=1
      (Station ML: 1.7 magdef=1
DRGR 0.70 353.7 Lg      06:25:49.474 -0.6      T__

```

GZR	0.71	182.6	Pg	06:25:38.625	0.4	T__	50.2	___	ML	1.6	6882600	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.71	182.6	Lg	06:25:47.579	-0.6	T__		---			6882599	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
SIRR	0.83	282.2	Lg	06:25:52.954	-0.6	T__		---			6882603	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	0.93	134.1	Lg	06:25:54.335	-1.7	T__		---			6882604	FDSN	RO	--	BUD	iLoc	HHN	???	_
BZS	0.97	240.7	Lg	06:25:56.646	-0.6	T__		---			6882605	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/23	07:08:50.80	1.40	0.50	46.0998	22.8226	11.4	6.8	63	0.0f		7	5	171	0.22	0.97	sx	BUD	17002240	BUD			243

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.22	165.4	Pg	07:08:55.209	0.2					T__		690.6		---	ML	1.8	6882625	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.22	165.4	Lg	07:08:57.757	-0.5					T__				---		6882626	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
DRGR	0.70	353.7	Lg	07:09:15.691	-0.5					T__				---		6882631	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.71	182.6	Pg	07:09:04.652	0.3					T__	61.3			---	ML	1.7	6882627	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.71	182.6	Lg	07:09:14.325	-0.0					T__				---		6882630	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SIRR	0.83	282.1	Lg	07:09:19.913	0.2					T__				---		6882629	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.97	240.6	Lg	07:09:22.760	-0.6					T__				---		6882628	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/23	07:27:48.64	1.29	1.06	48.0736	20.6902	8.4	4.3	170	0.0f		8	5	195	0.12	0.56	kx	BUD	17002242	BUD				267
2021/08/23	07:27:48.62	0.95	0.87	48.0750	20.6990f				0.0f		8	5	195	0.13	0.56	kx	BUD_GT	17002243	BUD_GT				268

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	3 BUD_GT	17002243

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	292.1	Pg	07:27:51.902	0.1					T__		179.6		---	ML	0.9	6882668	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:27:53.591	-0.9					T__				---		6882669	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
ABAH	0.42	58.4	Pg	07:27:58.110	0.7					T__	36.7			---	ML	1.0	6882670	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	07:28:03.096	-1.7					T__				---		6882664	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.43	340.8	Lg	07:28:04.022	-0.2					T__				---		6882665	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.43	345.9	Pg	07:27:58.156	0.7					T__	28.1			---	ML	1.0	6882667	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:28:03.713	-0.5					T__				---		6882666	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.56	254.1	Lg	07:28:09.553	-0.1					T__				---		6882671	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/23	07:31:26.02	3.20	2.34	46.1121	18.1017	29.0	4.1	121	0.0f	5	3	157	0.02	1.13	sx	BUD	17002244	BUD				265

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.02	183.0	Pg	07:31:27.292	0.2					T__		1164.1		_c	ML	1.4	6882692	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.02	183.0	Lg	07:31:28.161	-0.3					T__				---		6882693	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.39	74.5	Pg	07:31:34.624	0.3					T__		30.9		---	ML	0.9	6882695	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.39	74.5	Lg	07:31:40.105	-0.6					T__				---		6882694	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MPLH	1.13	340.1	Sn	07:32:01.484	-3.2					T__				---		6882696	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/23	09:01:46.75	1.92	1.06	47.8691	20.1490	17.3	3.8	161	0.0f	9	6	216	0.18	0.85	sx	BUD	17002246	BUD					230

Magnitude Err Nsta Author OrigID  
ML 1.2 0.1 3 BUD 17002246

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	286.1	Pg	09:01:51.868	0.7					T__		304.7		---	ML	1.3	6882733	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	286.1	Lg	09:01:53.875	-0.9					T__				---		6882735	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.36	44.8	Pg	09:01:55.098	0.5					T__		55.3		---	ML	1.0	6882740	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.8	Lg	09:01:59.926	-0.8					T__				---		6882741	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU03A	0.37	275.6	Lg	09:01:59.569	-1.2					T__				---		6882736	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.65	20.0	Lg	09:02:09.856	-0.1					T__				---		6882737	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	22.5	Pg	09:02:00.993	0.6					T__		20.7		---	ML	1.2	6882734	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.5	Lg	09:02:10.101	-0.7					T__				---		6882738	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.85	59.3	Lg	09:02:15.823	-1.5					T__				---		6882739	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/23	10:49:01.58	0.90	0.80	47.3497	16.4097	5.2	3.6	38	0.0f	14	9	78	0.21	1.71	sx	BUD	17002248	BUD					152

Magnitude Err Nsta Author OrigID  
ML 1.4 0.3 4 BUD 17002248

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A260A	0.21	108.1	Pg	10:49:05.947	-0.4					T__		426.6		---	ML	1.5	6882808	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.21	108.1	Lg	10:49:09.383	-0.4					T__				---		6882809	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
RONA 0.36 347.7 Pg 10:49:08.682 -0.3 T__ 57.9 --- ML 1.1 6882797 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.36 347.7 Lg 10:49:14.113 -0.0 T__ --- 6882810 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
ARSA 0.61 261.0 Lg 10:49:20.588 -0.6 T__ --- 6882799 FDSN OE -- BUD iLoc HHN ??? _
EGYH 0.63 83.5 Lg 10:49:24.895 0.7 T__ --- 6882801 FDSN HU -- BUD iLoc HHN ??? _
CONA 0.69 327.6 Pg 10:49:15.696 0.4 T__ 24.6 --- ML 1.3 6882798 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.69 327.6 Lg 10:49:24.741 0.4 T__ --- 6882800 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A019A 0.90 276.6 Lg 10:49:30.452 -0.3 T__ --- 6882802 FDSN Z3 00 BUD iLoc HH2 ??? _
KOGS 0.91 187.0 Pg 10:49:19.646 0.2 T__ 129.1 --- ML 2.1 6882804 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.91 187.0 Lg 10:49:31.996 0.8 T__ --- 6882803 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MODS 1.18 29.4 Pn 10:49:25.821 1.1 T__ --- 6882806 FDSN SK -- BUD iLoc HHZ ??? _
MODS 1.18 29.4 Sn 10:49:41.567 -0.4 T__ --- 6882805 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.71 359.7 Sn 10:49:56.542 1.8 T__ --- 6882807 FDSN CZ -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/24 07:23:56.67 0.93 0.80 48.5397 17.4560 6.8 3.2 125 0.0f 9 7 122 0.20 1.23 sx BUD 17002254 BUD 190

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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 0.20 215.6 Pg 07:24:01.749 0.4 T__ --- 6884157 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.20 215.6 Lg 07:24:03.994 -1.2 T__ --- 6884158 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.35 23.9 Pg 07:24:04.598 0.4 T__ 59.5 --- ML 1.0 6884156 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.35 23.9 Lg 07:24:09.397 -0.8 T__ --- 6884159 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
ZST 0.42 214.6 Lg 07:24:11.250 -0.9 T__ --- 6884160 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.87 307.1 Lg 07:24:25.915 -0.4 T__ --- 6884161 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.92 92.3 Lg 07:24:28.231 -0.3 T__ --- 6884162 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.14 223.2 Lg 07:24:34.869 0.7 T__ --- 6884163 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.23 240.7 Lg 07:24:36.567 -0.2 T__ --- 6884164 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/24 08:08:01.39 1.33 0.65 48.4339 20.7843 46.8 5.8 20 0.0f 5 3 183 0.17 0.33 sx BUD 17002256 BUD 353

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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 0.17 290.9 Pg 08:08:05.387 0.3 T__ 51.6 --- ML 0.5 6884180 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 290.9 Lg 08:08:07.446 -0.6 T__ --- 6884182 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
KECS 0.20 284.1 Pg 08:08:06.019 0.3 T__ 138.0 --- ML 1.0 6884181 FDSN SK -- BUD iLoc EHZ EHZ _

```

KECS 0.20 284.1 Lg 08:08:08.713 -0.4 T\_\_ --- 6884183 FDSN SK -- BUD iLoc EHN ??? \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=1  
 ABAH 0.33 114.2 Lg 08:08:13.940 -0.4 T\_\_ --- 6884184 FDSN HU -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/24	08:21:01.66	1.32	1.15	47.8163	19.1439	10.6	4.7	1	0.0f	9	6	210	0.09	1.16	sx	BUD	17002258	BUD				264

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BUD	17002258

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.09	289.0	Pg	08:21:04.437	0.5					T__		466.6		---	ML	1.2	6884207	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.09	289.0	Lg	08:21:05.058	-1.0					T__				---		6884210	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	0.32	73.9	Lg	08:21:13.548	-0.3					T__				---		6884211	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.52	78.3	Lg	08:21:20.032	-1.2					T__				---		6884212	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.71	343.2	Pg	08:21:17.096	0.9					T__		10.9		---	ML	0.9	6884208	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.71	343.2	Lg	08:21:25.590	-1.1					T__				---		6884213	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	1.12	52.9	Sn	08:21:39.792	-1.0					T__				---		6884214	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.16	53.4	Pn	08:21:25.046	1.0					T__		18.5		---	ML	1.4	6884209	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.16	53.4	Sn	08:21:40.564	-1.0					T__				---		6884215	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/24	08:52:14.45	1.52	0.81	47.2220	18.2141	16.6	6.2	77	0.0f	7	5	176	0.08	1.05	sx	BUD	17002260	BUD					327

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.08	358.4	Pg	08:52:17.077	0.3					T__		579.6		---	ML	1.3	6884237	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.08	358.4	Lg	08:52:18.223	-0.8					T__				---		6884238	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.14	12.6	Pg	08:52:18.570	0.6					T__		314.1		---	ML	1.2	6884240	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.14	12.6	Lg	08:52:20.690	-0.6					T__				---		6884239	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.17	339.6	Lg	08:52:21.871	-0.2					T__				---		6884242	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW1	0.17	10.1	Lg	08:52:21.697	-0.6					T__				---		6884241	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.05	163.5	Lg	08:52:49.769	-0.9					T__				---		6884243	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/24	09:08:09.46	0.99	1.66	47.8854	20.0849	5.2	4.2	150	0.0f	15	12	94	0.13	2.25	sx	BUD	17002262	BUD					148

Magnitude Err Nsta Author OrigID  
ML 1.8 0.3 3 BUD 17002262

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.13	284.5	Pg	09:08:13.747	0.8					T__		2368.3		_c	ML	2.0	6884296	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.13	284.5	Lg	09:08:14.827	-1.0					T__				---		6884297	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU23A	0.27	155.7	Lg	09:08:20.037	-0.3					T__				---		6884301	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	0.33	273.4	Lg	09:08:21.290	-0.6					T__				---		6884298	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU01A	0.63	210.3	Lg	09:08:31.203	-1.5					T__				---		6884302	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.66	24.0	Lg	09:08:32.230	-0.4					T__				---		6884303	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	26.3	Pg	09:08:23.541	0.4					T__		93.3		---	ML	1.8	6884299	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	26.3	Lg	09:08:33.035	-0.5					T__				---		6884304	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.88	61.6	Lg	09:08:39.639	-1.4					T__				---		6884305	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.03	306.6	Pn	09:08:30.038	-0.2					T__		20.8		---	ML	1.4	6884300	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.03	306.6	Lg	09:08:44.318	-1.1					T__				---		6884306	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
NIE	1.54	5.2	Sn	09:08:59.326	0.0					T__				---		6884307	FDSN	PL	--	BUD	iLoc	BHN	???	_	
MORH	1.94	211.1	Sn	09:09:11.401	3.7					T__				---		6884310	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.94	285.6	Sn	09:09:10.828	1.6					T__				---		6884308	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	2.25	217.8	Sn	09:09:18.393	2.9					T__				---		6884309	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/24	10:00:17.27	0.96	0.89	48.1607	16.9281	11.0	4.1	142	0.0f		9	6	149	0.12	1.32	sx	BUD	17002264	BUD			175

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.12	73.0	Pg	10:00:20.757	0.4					T__				---		6884336	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.12	73.0	Lg	10:00:22.571	-0.4					T__				---		6884335	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.32	47.5	Pg	10:00:24.622	0.5					T__				---		6884334	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	47.5	Lg	10:00:28.597	-1.1					T__				---		6884337	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.63	222.9	Lg	10:00:37.346	-0.9					T__				---		6884338	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.75	252.4	Lg	10:00:41.636	-0.4					T__				---		6884339	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.86	35.0	Pg	10:00:35.684	0.9					T__		34.2		---	ML	1.5	6884341	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.86	35.0	Lg	10:00:46.953	-1.1					T__				---		6884340	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
ARSA	1.32	226.7	Lg	10:00:59.040	-0.1					T__				---		6884342	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/24	14:00:37.36	1.19	0.68	47.8659	16.0515	13.8	3.9	38	0.0f		5	3	199	0.14	0.46	sx	BUD	17002266	BUD			307

Magnitude Err Nsta Author OrigID

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

CONA	0.14	296.1	Pg	14:00:40.675	0.2	T__	158.6	___	ML	0.9	6884372	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	296.1	Lg	14:00:42.243	-0.4	T__		---			6884374	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
RONA	0.23	135.1	Pg	14:00:42.682	0.4	T__	51.5	___	ML	0.7	6884373	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	135.1	Lg	14:00:45.038	-0.7	T__		---			6884375	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
A011B	0.46	187.8	Lg	14:00:52.252	-0.2	T__		---			6884376	FDSN	Z3	00	BUD	iLoc	HH2	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/24	16:17:34.70	1.17	0.68	47.5742	16.3799	7.1	3.8	128	0.0f		11	9	192	0.14	1.49	sx	BUD	17002270	BUD			203

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	335.8	Pg	16:17:37.987	0.2					T__		188.0		_c_	ML	1.0	6884596	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	335.8	Lg	16:17:39.646	-0.5					T__				---		6884595	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SOP	0.16	47.8	Lg	16:17:41.874	0.9					T__				---		6884598	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A011B	0.33	240.0	Pg	16:17:41.317	0.0					T__	34.1			---	ML	0.8	6884600	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.33	240.0	Lg	16:17:45.022	-0.6					T__				---		6884599	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
CONA	0.50	315.6	Lg	16:17:51.185	-0.2					T__				---		6884601	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.67	241.2	Lg	16:17:56.241	0.2					T__				---		6884597	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A013A	0.82	307.1	Lg	16:18:01.645	0.5					T__				---		6884602	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A018A	0.90	281.4	Lg	16:18:03.614	0.3					T__				---		6884603	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MODS	1.00	36.7	Lg	16:18:09.262	-1.2					T__				---		6884604	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.49	0.4	Sn	16:18:22.948	0.6					T__				---		6884605	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/08/25	06:09:44.50	1.65	1.66	48.2048	21.2279	12.6	4.6	136	0.0f		10	6	108	0.09	1.74	sx	BUD	17002272	BUD					209

Magnitude Err Nsta Author OrigID  
ML 1.6 0.3 5 BUD 17002272

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.09	4.9	Pg	06:09:47.212	0.3					T__		670.9		---	ML	1.4	6885223	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.09	4.9	Lg	06:09:48.362	-0.8					T__				---		6885232	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.48	260.3	Pg	06:09:55.136	0.5					T__		38.8		---	ML	1.2	6885229	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	260.3	Lg	06:10:00.239	-2.2					T__				---		6885230	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
JOS	0.54	302.6	Pg	06:09:56.671	1.2					T__		60.6		---	ML	1.6	6885231	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	302.6	Lg	06:10:03.113	-0.7					T__				---		6885224	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

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(Station ML: 1.6 magdef=1
PSZ 0.94 252.7 Pn 06:10:04.113 0.1 T__ 54.3 --- ML 1.8 6885227 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.94 252.7 Lg 06:10:17.080 -1.3 T__ --- 6885226 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOLS 1.01 43.2 Lg 06:10:17.698 -2.3 T__ --- 6885228 FDSN SK -- BUD iLoc HHN ??? _
DRGR 1.74 144.0 Pn 06:10:17.161 2.1 T__ 28.1 --- ML 1.9 6885225 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 07:22:49.94 1.57 1.09 48.2290 21.2691 9.7 5.8 125 0.0f 8 5 112 0.07 1.74 sx BUD 17002274 BUD 162

```

```

Magnitude Err Nsta Author OrigID
ML 1.1 0.1 3 BUD 17002274

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.07 343.7 Pg 07:22:52.349 0.4 T__ 388.0 --- ML 1.1 6885581 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.07 343.7 Lg 07:22:53.212 -0.6 T__ --- 6885582 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.51 258.2 Pg 07:23:00.855 0.1 T__ 25.5 --- ML 1.1 6885587 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.51 258.2 Lg 07:23:09.349 0.4 T__ --- 6885586 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.56 299.0 Pg 07:23:01.454 0.4 T__ 47.5 --- ML 1.5 6885588 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.56 299.0 Lg 07:23:08.341 -1.3 T__ --- 6885583 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
TRPA 0.86 96.2 Lg 07:23:19.456 -1.4 T__ --- 6885584 FDSN HU -- BUD iLoc HHN ??? _
DRGR 1.74 145.3 Sn 07:23:45.699 1.2 T__ --- 6885585 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 07:55:16.75 0.86 0.92 48.7079 18.1762 4.9 3.1 38 0.0f 14 8 94 0.37 1.58 sx BUD 17002276 BUD 147

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.3 6 BUD 17002276

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JAVC 0.37 294.5 Pg 07:55:25.150 0.5 T__ 81.7 --- ML 1.2 6885623 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 294.5 Lg 07:55:30.046 -0.7 T__ --- 6885628 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
A331A 0.44 3.8 Pg 07:55:25.946 0.4 T__ 107.5 --- ML 1.6 6885627 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.44 3.8 Lg 07:55:30.534 -1.3 T__ --- 6885629 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.49 115.8 Pg 07:55:27.272 0.6 T__ 21.0 --- ML 1.0 6885622 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.49 115.8 Lg 07:55:33.951 -0.0 T__ --- 6885630 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1

```

```

(Station ML: 1.0 magdef=0
MODS 0.68 241.1 Lg 07:55:40.979 -0.5 T__
HU10A 1.03 146.6 Pn 07:55:37.976 0.4 T__ 84.6 --- ML 2.0 6885625 FDSN SK -- BUD iLoc HHN ??? _
HU10A 1.03 146.6 Lg 07:55:51.947 -1.9 T__ --- 6885626 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORC 1.15 339.0 Pg 07:55:38.574 0.5 T__ 48.4 --- ML 1.8 6885624 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.15 339.0 Lg 07:55:54.159 0.0 T__ --- 6885632 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VRAC 1.20 300.6 Lg 07:55:56.404 -0.6 T__
JOS 1.58 96.8 Pn 07:55:46.544 1.3 T__ 47.7 --- ML 2.1 6885635 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.58 96.8 Sn 07:56:07.240 -0.6 T__ --- 6885634 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/25	08:07:57.26	1.09	1.65	48.5516	20.8198	7.9	4.0	10	0.0f	8	6	92	0.19	1.32	sx	BUD	17002278	BUD				159

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.19	253.4	Pg	08:08:02.132	0.8					T__		157.3		---	ML	1.0	6885664	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.19	253.4	Lg	08:08:04.062	-0.5					T__				---		6885665	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																										
ABAH	0.38	132.3	Pg	08:08:05.872	0.8					T__		57.4		---	ML	1.1	6885667	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.38	132.3	Lg	08:08:10.735	-1.0					T__				---		6885666	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																										
PSZ	0.89	224.7	Lg	08:08:27.244	-2.0					T__				---		6885668	FDSN	GE	--	BUD	iLoc	HHN	???	_		
NIE	0.93	338.6	Lg	08:08:27.112	-1.0					T__				---		6885669	FDSN	PL	--	BUD	iLoc	BHN	???	_		
KOLS	1.04	67.8	Lg	08:08:31.513	-1.6					T__				---		6885670	FDSN	SK	--	BUD	iLoc	HHN	???	_		
VYHS	1.32	268.2	Sn	08:08:39.893	-1.9					T__				---		6885671	FDSN	SK	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/25	09:41:48.48	1.15	1.20	47.8814	16.4989	8.2	5.0	121	0.0f	6	4	170	0.23	1.18	sx	BUD	17002280	BUD					230

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
RONA	0.23	217.0	Pg	09:41:53.556	0.3					T__		34.3		---	ML	0.5	6885704	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.23	217.0	Lg	09:41:55.961	-0.7					T__				---		6885703	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1																										
CONA	0.43	276.5	Pg	09:41:57.941	0.8					T__		39.7		---	ML	1.1	6885702	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	0.43	276.5	Lg	09:42:02.573	-0.4					T__				---		6885705	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																										
MODS	0.72	46.3	Lg	09:42:14.637	0.1					T__				---		6885706	FDSN	SK	--	BUD	iLoc	HHN	???	_		

KRUC 1.18 356.7 Lg 09:42:26.925 -1.7 T\_\_ --- 6885707 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 09:53:38.05 0.95 1.51 48.5059 17.4808 6.4 3.3 129 0.0f 9 6 134 0.19 1.23 sx BUD 17002282 BUD 205

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
MODS 0.19 225.7 Pg 09:53:42.830 0.4 T\_\_ --- 6885748 FDSN SK -- BUD iLoc HHZ ??? \_
MODS 0.19 225.7 Lg 09:53:44.373 -1.7 T\_\_ --- 6885747 FDSN SK -- BUD iLoc HHN ??? \_
JAVC 0.38 19.5 Pg 09:53:45.994 -0.1 T\_\_ 77.7 --- ML 1.2 6885749 FDSN CZ -- BUD iLoc HHZ HHZ \_
JAVC 0.38 19.5 Lg 09:53:50.548 -1.9 T\_\_ --- 6885750 FDSN CZ -- BUD iLoc HHN ??? \_
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
VYHS 0.90 90.3 Lg 09:54:10.553 1.2 T\_\_ --- 6885746 FDSN SK -- BUD iLoc HHN ??? \_
KRUC 0.91 308.2 Pg 09:53:57.029 1.6 T\_\_ 37.9 --- ML 1.6 6885751 FDSN CZ -- BUD iLoc HHZ HHZ \_
KRUC 0.91 308.2 Lg 09:54:08.838 -0.0 T\_\_ --- 6885752 FDSN CZ -- BUD iLoc HHN ??? \_
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 1.13 225.0 Lg 09:54:13.503 -1.7 T\_\_ --- 6885745 FDSN OE -- BUD iLoc HHN ??? \_
CONA 1.23 242.5 Lg 09:54:18.781 0.7 T\_\_ --- 6885753 FDSN OE -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 10:39:53.84 1.43 1.47 48.4188 20.7568 70.7 5.9 22 0.0f 5 4 172 0.16 1.28 sx BUD 17002286 BUD 335

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.16 298.1 Pg 10:39:57.443 0.1 T\_\_ 125.4 --- ML 0.9 6886355 FDSN ZJ -- BUD iLoc HHZ HHZ \_
JOS 0.16 298.1 Lg 10:39:59.913 -0.2 T\_\_ --- 6886356 FDSN ZJ -- BUD iLoc HHN ??? \_
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
KECS 0.19 289.8 Lg 10:40:01.199 0.1 T\_\_ --- 6886357 FDSN SK -- BUD iLoc EHN ??? \_
ABAH 0.34 110.7 Lg 10:40:07.109 -0.1 T\_\_ --- 6886358 FDSN HU -- BUD iLoc HHN ??? \_
VYHS 1.28 274.1 Sn 10:40:35.226 -2.1 T\_\_ --- 6886359 FDSN SK -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/25 11:43:26.41 0.96 0.94 47.8887 16.4459 6.6 3.7 127 0.0f 10 6 159 0.21 1.70 sx BUD 17002288 BUD 209

Magnitude Err Nsta Author OrigID
ML 1.0 0.6 3 BUD 17002288

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
RONA 0.21 208.1 Pg 11:43:30.718 -0.3 T\_\_ 43.9 --- ML 0.5 6886422 FDSN OE -- BUD iLoc HHZ HHZ \_
RONA 0.21 208.1 Lg 11:43:34.438 0.3 T\_\_ --- 6886428 FDSN OE -- BUD iLoc HHN ??? \_
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
CONA 0.40 276.0 Pg 11:43:34.503 0.1 T\_\_ 37.0 --- ML 1.0 6886421 FDSN OE -- BUD iLoc HHZ HHZ \_
CONA 0.40 276.0 Lg 11:43:39.983 0.2 T\_\_ --- 6886424 FDSN OE -- BUD iLoc HHN ??? \_

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MODS 0.74 48.6 Pg 11:43:42.882 1.3 T__ --- 6886429 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.74 48.6 Lg 11:43:51.436 -1.8 T__ --- 6886425 FDSN SK -- BUD iLoc HHN ??? _
ARSA 0.89 224.7 Lg 11:43:55.271 0.4 T__ --- 6886426 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.17 358.4 Pg 11:43:48.610 -0.3 T__ 37.2 --- ML 1.7 6886430 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.17 358.4 Lg 11:44:05.743 -0.5 T__ --- 6886427 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CKRC 1.70 304.0 Sn 11:44:18.767 -0.8 T__ --- 6886423 FDSN CZ -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/25	13:58:54.16	1.03	0.70	47.5968	16.3731	5.3	5.1	5	0.0f	11	9	74	0.12	1.71	sx	BUD	17002290	BUD				128

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.12 333.3 Pg 13:58:57.058 0.2 T__ 1249.7 _c ML 1.7 6886458 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.12 333.3 Lg 13:58:58.679 -0.2 T__ --- 6886461 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SOP 0.15 55.3 Lg 13:59:01.149 1.0 T__ --- 6886459 FDSN HU -- BUD iLoc HHN ??? _
CONA 0.48 314.1 Pg 13:59:04.005 0.2 T__ 68.8 --- ML 1.5 6886457 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.48 314.1 Lg 13:59:09.948 -0.3 T__ --- 6886462 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ARSA 0.67 239.3 Lg 13:59:15.351 -0.3 T__ --- 6886463 FDSN OE -- BUD iLoc HHN ??? _
MPLH 0.90 117.9 Lg 13:59:24.845 -0.7 T__ --- 6886464 FDSN HU -- BUD iLoc HHN ??? _
MODS 0.99 37.7 Lg 13:59:28.164 -1.3 T__ --- 6886465 FDSN SK -- BUD iLoc HHN ??? _
KOGS 1.15 184.2 Lg 13:59:31.483 0.1 T__ --- 6886460 FDSN SL -- BUD iLoc BHN ??? _
KRUC 1.47 0.6 Sn 13:59:41.903 0.7 T__ --- 6886466 FDSN CZ -- BUD iLoc HHN ??? _
PTJ 1.71 189.5 Sn 13:59:47.847 0.2 T__ --- 6886467 FDSN CR -- BUD iLoc BHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/26	07:10:54.92	1.16	0.92	46.0558	22.8417	8.1	6.1	79	0.0f	9	7	94	0.18	0.96	sx	BUD	17002292	BUD				139

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.18 166.0 Pg 07:10:58.906 0.6 T__ 666.2 --- ML 1.6 6890030 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.18 166.0 Lg 07:10:59.948 -0.9 T__ --- 6890031 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.66 184.0 Pg 07:11:08.151 0.5 T__ 67.2 --- ML 1.7 6890038 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.66 184.0 Lg 07:11:16.407 -0.7 T__ --- 6890032 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.74 353.0 Lg 07:11:21.026 -0.8 T__ --- 6890033 FDSN RO -- BUD iLoc HHN ??? _
CJR 0.84 38.3 Lg 07:11:24.035 -0.5 T__ --- 6890035 FDSN RO -- BUD iLoc HHN ??? _
SIRR 0.85 284.9 Lg 07:11:24.365 -0.1 T__ --- 6890036 FDSN RO -- BUD iLoc HHN ??? _

```

LOT	0.89	132.8	Lg	07:11:23.820	-1.2	T__	---	6890034	FDSN	RO	--	BUD	iLoc	HHN	???	_
BZS	0.96	243.3	Lg	07:11:26.323	-0.9	T__	---	6890037	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/26	07:30:11.42	1.14	0.66	47.9747	16.6490	9.0	4.7	121	0.0f	8	7	145	0.30	1.12	sx	BUD	17002294	BUD				174

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.30	191.9	Lg	07:30:21.885	-0.1					T__						6890079	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.36	220.9	Pg	07:30:19.092	0.2					T__	40.8			---	ML	0.9	6890077	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.36	220.9	Lg	07:30:23.260	-0.7					T__				---		6890078	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
CONA	0.53	265.3	Lg	07:30:28.872	-0.3					T__				---		6890080	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.58	46.3	Lg	07:30:32.588	-0.2					T__				---		6890081	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	1.05	226.8	Lg	07:30:45.340	0.4					T__				---		6890082	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.10	351.3	Lg	07:30:48.916	0.1					T__				---		6890083	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
JAVC	1.12	37.2	Sn	07:30:50.045	-1.2					T__				---		6890084	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/26	08:09:55.74	0.86	0.44	48.7962	16.2257	9.3	3.3	117	0.0f	18	10	91	0.29	1.62	sx	BUD	17002296	BUD					136

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	9 BUD	17002296

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.29	22.7	Pg	08:10:01.804	0.4					T__		130.6		---	ML	1.2	6890143	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.29	22.7	Lg	08:10:05.413	-0.4					T__				---		6890141	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
VRAC	0.57	25.1	Pg	08:10:06.770	0.2					T__		14.0		---	ML	1.0	6890150	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.57	25.1	Lg	08:10:14.308	-0.7					T__				---		6890144	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
A008A	0.57	221.9	Pg	08:10:07.064	0.3					T__		61.4		---	ML	1.6	6890148	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.57	221.9	Lg	08:10:14.476	-0.1					T__				---		6890149	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CONA	0.90	195.7	Pg	08:10:13.440	-0.1					T__		28.2		---	ML	1.5	6890138	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.90	195.7	Lg	08:10:25.250	-0.1					T__				---		6890139	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JAVC	0.96	85.7	Pn	08:10:16.685	0.6					T__		43.1		---	ML	1.7	6890151	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
RONA	1.10	177.5	Pg	08:10:17.078	-0.4					T__		23.6		---	ML	1.5	6890152	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.10	177.5	Lg	08:10:31.734	-0.0					T__				---		6890140	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

CKRC	1.27	271.8	Pn	08:10:20.023	-0.3	T__	88.7	___	ML	2.2	6890153	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.27	271.8	Lg	08:10:36.442	-0.5	T__		---			6890142	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.2 magdef=1)																		
	(Station ML: 2.2 magdef=0)																		
MORC	1.31	40.8	Pg	08:10:20.514	0.5	T__	35.8	___	ML	1.8	6890154	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.31	40.8	Lg	08:10:37.773	-0.4	T__		---			6890145	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.8 magdef=1)																		
	(Station ML: 1.8 magdef=1)																		
ARSA	1.62	197.2	Sn	08:10:46.418	-0.2	T__		---			6890146	FDSN	OE	--	BUD	iLoc	HHN	???	_
PRU	1.62	318.0	Pn	08:10:25.226	-0.0	T__	31.5	___	ML	1.9	6890155	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
PRU	1.62	318.0	Sn	08:10:45.801	-0.8	T__		---			6890147	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.9 magdef=1)																		
	(Station ML: 1.9 magdef=1)																		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/26	08:23:49.06	1.56	1.28	46.0666	22.8761	11.5	6.7	63	0.0f		7	6	143	0.18	0.99	sx	BUD	17002298	BUD			210

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DEV	0.18	174.1	Lg	08:23:54.493	-0.7					T__						6890190	FDSN	RO	--	BUD	iLoc	HHN	???	_		
GZR	0.68	185.9	Pg	08:24:02.952	0.9					T__		59.3			___	ML	1.6	6890189	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.68	185.9	Lg	08:24:10.439	-1.2					T__					---		6890191	FDSN	RO	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.6 magdef=1)																									
	(Station ML: 1.6 magdef=0)																									
DRGR	0.73	351.1	Lg	08:24:14.876	-0.9					T__					---		6890192	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.87	283.8	Lg	08:24:18.737	-0.5					T__					---		6890194	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.88	134.4	Lg	08:24:17.385	-1.4					T__					---		6890193	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.99	243.4	Lg	08:24:21.367	-0.9					T__					---		6890195	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/08/26	08:56:01.51	1.52	1.12	47.3788	18.3872	9.7	4.4	123	0.0f		13	10	109	0.09	1.24	sx	BUD	17002300	BUD					175

Magnitude Err Nsta Author OrigID  
ML 1.5 0.2 3 BUD 17002300

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
CSKK	0.09	259.7	Pg	08:56:04.819	0.9					T__		1194.4			___	ML	1.6	6890234	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	259.7	Lg	08:56:05.598	-0.7					T__					---		6890235	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.6 magdef=1)																									
	(Station ML: 1.6 magdef=1)																									
MSW1	0.09	279.2	Pg	08:56:04.752	0.8					T__		859.5			___	ML	1.5	6890242	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.09	279.2	Lg	08:56:05.808	-0.5					T__					---		6890241	FDSN	HU	--	BUD	iLoc	HHE	???	_	
	(Reading ML: 1.5 magdef=1)																									
	(Station ML: 1.5 magdef=1)																									
MSW2	0.14	237.5	Pg	08:56:05.620	0.7					T__		265.2			___	ML	1.1	6890244	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.14	237.5	Lg	08:56:06.933	-1.2					T__					---		6890243	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.1 magdef=1)																									
	(Station ML: 1.1 magdef=1)																									
MSW3	0.18	271.5	Lg	08:56:08.387	-0.9					T__					---		6890245	FDSN	HU	--	BUD	iLoc	HHN	???	_	

HU09A	0.26	359.3	Lg	08:56:11.646	-0.5	T__	---	6890246	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU08A	0.32	279.6	Lg	08:56:13.240	-0.8	T__	---	6890236	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	1.15	61.5	Sn	08:56:40.332	-1.6	T__	---	6890237	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	1.16	15.0	Lg	08:56:40.718	-1.1	T__	---	6890239	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORH	1.18	171.3	Sn	08:56:40.332	-1.4	T__	---	6890238	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.24	323.5	Sn	08:56:43.188	-1.0	T__	---	6890240	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/26	09:57:56.34	1.44	1.38	48.2051	21.2368	8.9	5.6	145	0.0f		14	12	85	0.09	1.73	kx	BUD	17002302	BUD			121
2021/08/26	09:57:56.88	0.95	1.45	48.2470	21.2460f				0.0f		14	12	82	0.05	1.76	kx	BUD_GT	17002303	BUD_GT			118
(locality : Táallya Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	09:57:59.556	1.1					T__		10246.3		_c_	ML	2.4	6890277	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:57:59.826	-0.2					T__				---		6890276	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
JOS	0.53	298.1	Pg	09:58:08.162	0.6					T__		87.3		___	ML	1.7	6890279	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:58:15.186	-0.6					T__				---		6890278	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.56	295.3	Lg	09:58:15.958	-0.8					T__				---		6890280	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.87	97.2	Lg	09:58:26.301	-2.0					T__				---		6890281	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU23A	0.90	228.1	Lg	09:58:26.919	-2.5					T__				---		6890282	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.96	250.6	Lg	09:58:29.003	-2.6					T__				---		6890283	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOLS	0.97	44.4	Lg	09:58:29.543	-1.6					T__				---		6890284	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU03A	1.16	253.3	Sn	09:58:34.946	-1.7					T__				---		6890285	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	1.33	332.3	Lg	09:58:40.349	-1.1					T__				---		6890286	FDSN	PL	--	BUD	iLoc	BHN	???	_	
BMR	1.62	109.9	Sn	09:58:48.090	-0.6					T__				---		6890287	FDSN	RO	--	BUD	iLoc	HHN	???	_	
VYHS	1.63	279.6	Sn	09:58:48.605	-0.1					T__				---		6890288	FDSN	SK	--	BUD	iLoc	HHN	???	_	
DRGR	1.76	145.2	Sn	09:58:52.537	0.6					T__				---		6890289	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/08/26	10:00:02.28	1.76	1.31	48.2317	21.2612	10.0	6.5	144	0.0f		8	6	155	0.07	0.97	kx	BUD	17002304	BUD				208
2021/08/26	10:00:02.64	0.99	1.25	48.2470	21.2460f				0.0f		8	6	153	0.05	0.97	kx	BUD_GT	17002305	BUD_GT				206
(locality : Táallya Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	10:00:04.666	0.5					T__		2998.0		___	ML	1.9	6890310	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:00:05.129	-0.7					T__				---		6890311	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.53	298.1	Pg	10:00:14.189	0.8					T__		31.8		___	ML	1.3	6890314	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	10:00:21.058	-0.5					T__				---		6890312	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.56 295.3 Lg 10:00:22.061 -0.4 T__ --- 6890313 FDSN SK -- BUD iLoc EHN ??? _
TRPA 0.87 97.2 Lg 10:00:32.449 -1.6 T__ --- 6890315 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.96 250.6 Lg 10:00:35.161 -2.2 T__ --- 6890316 FDSN GE -- BUD iLoc HHN ??? _
KOLS 0.97 44.4 Lg 10:00:35.705 -1.2 T__ --- 6890317 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/26 10:16:01.63 3.34 1.75 48.5465 20.8159 23.0 8.4 111 0.0f 6 4 245 0.19 0.94 sx BUD 17002306 BUD 330

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.19 254.7 Pg 10:16:06.888 1.2 T__ 177.1 _c_ ML 1.1 6890336 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.19 254.7 Lg 10:16:08.470 -0.3 T__ --- 6890338 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.23 254.0 Pg 10:16:06.612 0.2 T__ 500.2 ___ ML 1.6 6890339 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.23 254.0 Lg 10:16:09.468 -0.6 T__ --- 6890337 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PSZ 0.88 224.8 Lg 10:16:31.172 -2.2 T__ --- 6890340 FDSN GE -- BUD iLoc HHN ??? _
NIE 0.94 338.9 Lg 10:16:31.188 -1.4 T__ --- 6890341 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/26 11:09:58.50 3.78 0.38 48.5935 20.2817 25.3 9.0 157 0.0f 5 3 278 0.17 0.72 sx BUD 17002308 BUD 350

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.17 129.1 Pg 11:10:02.386 0.2 T__ 290.2 ___ ML 1.2 6890381 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.17 129.1 Lg 11:10:05.348 0.2 T__ --- 6890383 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
JOS 0.20 119.6 Pg 11:10:02.644 0.0 T__ 117.9 ___ ML 0.9 6890380 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 119.6 Lg 11:10:05.479 -0.4 T__ --- 6890384 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ 0.72 201.1 Lg 11:10:24.659 -0.2 T__ --- 6890382 FDSN GE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/26 12:13:35.02 0.98 0.71 47.8682 16.0890 6.3 3.9 26 0.0f 8 6 83 0.16 1.21 sx BUD 17002310 BUD 154

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.16 291.5 Pg 12:13:39.047 0.5 T__ 123.4 ___ ML 0.8 6890475 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 291.5 Lg 12:13:40.513 -0.5 T__ --- 6890476 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1

```

```

(Station ML: 0.8 magdef=1
RONA 0.22 140.3 Pg 12:13:40.034 0.3 T__ 66.1 _c_ ML 0.7 6890479 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.22 140.3 Lg 12:13:42.813 -0.1 T__ --- 6890478 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
ARSA 0.73 212.0 Lg 12:13:58.029 -0.2 T__ --- 6890477 FDSN OE -- BUD iLoc HHN ??? _
AO19A 0.80 238.4 Lg 12:13:59.746 -1.1 T__ --- 6890480 FDSN Z3 00 BUD iLoc HH2 ??? _
MODS 0.94 57.1 Lg 12:14:08.048 -0.7 T__ --- 6890481 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.21 9.6 Sn 12:14:15.552 -0.2 T__ --- 6890482 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/27 05:44:54.26 1.36 1.01 48.0141 20.3659 15.1 4.0 145 0.0f 6 3 208 0.15 0.50 ke BUD 17002316 BUD 328
2021/08/27 05:44:53.80 0.99 1.15 47.9767 20.3679f 0.0f 6 3 223 0.18 0.53 kx BUD_GT 17002317 BUD_GT 336
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 05:44:58.350 0.3 T__ --- 6891871 FDSN ZJ 00 BUD iLoc HHZ ??? _
HU02A 0.18 35.8 Lg 05:45:00.125 -1.5 T__ --- 6891870 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.32 259.8 Pg 05:45:02.032 0.9 T__ 44.5 --- ML 0.8 6891874 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.32 259.8 Lg 05:45:06.921 0.2 T__ --- 6891872 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
JOS 0.53 12.4 Pg 05:45:05.106 0.6 T__ 21.2 --- ML 1.1 6891875 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 05:45:10.988 -1.8 T__ --- 6891873 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/27 07:58:20.87 2.67 2.06 46.1204 18.1213 32.2 3.8 136 0.0f 6 4 134 0.04 1.12 sx BUD 17002318 BUD 264

```

```

Magnitude Err Nsta Author OrigID
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.04 204.9 Pg 07:58:22.641 0.3 T__ 1203.0 _c_ ML 1.5 6891895 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.04 204.9 Lg 07:58:23.104 -0.7 T__ --- 6891896 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.38 75.2 Pg 07:58:29.202 0.3 T__ 24.7 --- ML 0.7 6891898 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.38 75.2 Lg 07:58:35.068 -0.0 T__ --- 6891897 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
HU22A 0.73 73.1 Lg 07:58:46.858 -1.0 T__ --- 6891899 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 1.12 339.3 Sn 07:58:56.164 -3.3 T__ --- 6891900 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/27 08:13:43.81 1.02 1.25 46.1817 18.2738 9.4 3.7 152 0.0f 5 3 149 0.15 0.34 kx BUD 17002320 BUD 276

```

2021/08/27 08:13:43.84 1.01 0.91 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD\_GT 17002321 BUD\_GT 275  
 (locality : Komló Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	08:13:47.981	0.3					T__		424.7		_c	ML	1.4	6891918	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:13:49.722	-1.1					T__				---		6891920	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.25	80.9	Pg	08:13:50.167	0.8					T__		172.1		---	ML	1.2	6891919	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:13:52.862	-0.9					T__				---		6891921	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A266A	0.35	356.8	Lg	08:13:56.486	-0.8					T__				---		6891922	FDSN	Z3	00	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/27	08:18:29.47	1.07	0.83	47.9038	20.1172	6.2	4.6	166	0.0f		8	6	108	0.15	1.04	kx	BUD	17002322	BUD			208
2021/08/27	08:18:28.92	0.96	1.13	47.8650	20.1529f				0.0f		8	6	112	0.18	1.08	kx	BUD_GT	17002323	BUD_GT			217

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	08:18:33.792	0.4					T__		409.4		---	ML	1.4	6891961	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	08:18:36.907	-0.1					T__				---		6891968	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU23A	0.24	163.9	Lg	08:18:40.215	1.6					T__				---		6891963	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU03A	0.37	276.2	Lg	08:18:41.573	-1.4					T__				---		6891962	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
JOS	0.68	22.1	Pg	08:18:42.800	0.2					T__		24.2		---	ML	1.3	6891965	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	08:18:52.834	-0.2					T__				---		6891964	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.85	59.0	Lg	08:18:59.432	-0.1					T__				---		6891966	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VVHS	1.08	306.0	Lg	08:19:04.600	-2.0					T__				---		6891967	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/27	09:14:41.84	1.34	0.97	48.5379	20.8129	8.4	6.2	15	0.0f		9	7	129	0.19	1.32	sx	BUD	17002330	BUD			200

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	257.0	Pg	09:14:46.415	0.6					T__		339.7		---	ML	1.4	6892087	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	257.0	Lg	09:14:48.692	-0.2					T__				---		6892090	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.22	256.0	Pg	09:14:46.916	0.4					T__		1272.4		---	ML	2.0	6892089	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

KECS	0.22	256.0	Lg	09:14:49.502	-0.7				T__					6892088	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
ABAH	0.37	130.2	Lg	09:14:55.798	-0.3				T__					6892091	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.87	225.1	Lg	09:15:12.254	-1.1				T__					6892092	FDSN	GE	--	BUD	iLoc	HHN	???	_
NIE	0.94	339.2	Lg	09:15:12.246	-0.8				T__					6892093	FDSN	PL	--	BUD	iLoc	BHN	???	_
TRPA	1.22	108.9	Sn	09:15:22.590	-1.2				T__					6892094	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.32	268.8	Sn	09:15:25.137	-1.1				T__					6892095	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/27	10:19:35.56	3.39	0.68	46.7828	22.8012	29.8	15.6	37	0.0f		8	5	234	0.06	1.50	sx	BUD	17002332	BUD			275

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	3 BUD	17002332

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.06	278.2	Pg	10:19:37.299	0.1					T__		483.0			ML	1.2	6892117	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.06	278.2	Lg	10:19:38.727	-0.1					T__						6892118	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
SIRR	0.94	237.2	Pn	10:19:54.474	-0.5					T__		19.1			ML	1.3	6892120	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.94	237.2	Lg	10:20:08.213	0.1					T__						6892119	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
GZR	1.39	180.7	Pn	10:20:01.685	-0.0					T__		37.7			ML	1.8	6892123	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.39	180.7	Sn	10:20:22.680	1.1					T__						6892122	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	1.43	215.6	Sn	10:20:22.047	0.1					T__						6892124	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.50	152.9	Sn	10:20:23.758	-0.9					T__						6892121	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/27	10:21:07.91	0.91	0.80	48.5339	17.4462	5.3	3.4	133	0.0f		11	9	122	0.20	1.25	sx	BUD	17002334	BUD			189

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.20	215.1	Pg	10:21:12.823	0.4					T__						6892149	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	215.1	Lg	10:21:15.293	-0.9					T__						6892150	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.36	24.5	Lg	10:21:20.706	-1.0					T__						6892151	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ZST	0.41	214.3	Lg	10:21:21.787	-1.3					T__						6892152	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.87	307.6	Lg	10:21:36.761	-0.8					T__						6892153	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.93	92.0	Pg	10:21:27.113	0.5					T__		12.8			ML	1.1	6892155	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.93	92.0	Lg	10:21:39.308	-0.7					T__						6892154	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
VRAC	0.96	324.4	Lg	10:21:39.849	-0.3					T__						6892156	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.14	223.1	Lg	10:21:45.560	0.4					T__						6892157	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.22	240.8	Lg	10:21:47.876	0.2					T__						6892158	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORC	1.25	2.9	Lg	10:21:48.725	0.3					T__						6892159	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/27	10:40:37.56	1.23	1.08	47.5548	18.4564	8.9	3.3	107	0.0f	9	5	199	0.10	0.97	kx	BUD	17002336	BUD				245
2021/08/27	10:40:37.59	0.92	0.94	47.5600	18.4573f				0.0f	9	5	199	0.09	0.97	kx	BUD_GT	17002337	BUD_GT				246

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD_GT	17002337

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.09	327.2	Pg	10:40:40.883	0.9					T__		866.8		___	ML	1.5	6892335	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	10:40:41.662	-0.7					T__				___		6892337	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
CSKK	0.24	214.2	Pg	10:40:43.459	0.6					T__		229.1		___	ML	1.3	6892336	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	10:40:46.461	-1.0					T__				___		6892338	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU08A	0.38	250.6	Pg	10:40:46.471	0.8					T__		71.9		___	ML	1.2	6892343	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.38	250.6	Lg	10:40:51.322	-1.0					T__				___		6892342	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
MPLH	0.74	238.3	Lg	10:41:02.130	-1.4					T__				___		6892339	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.97	15.1	Pn	10:40:57.653	0.1					T__		12.6		___	ML	1.1	6892341	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	10:41:10.543	-0.9					T__				___		6892340	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/27	16:04:10.19	1.15	1.03	47.6188	16.3744	7.6	4.2	1	0.0f	10	7	175	0.10	1.44	sx	BUD	17002340	BUD				242

Magnitude	Err	Nsta	Author	OrigID
ML	0.7	0.3	3 BUD	17002340

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.10	326.9	Pg	16:04:13.023	0.5					T__		120.8		_c_	ML	0.7	6892453	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.10	326.9	Lg	16:04:14.061	-0.2					T__				___		6892451	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																									
SOP	0.14	62.5	Pg	16:04:14.138	0.8					T__		58.5		___	ML	0.5	6892450	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	62.5	Lg	16:04:15.335	-0.4					T__				___		6892452	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																									
CONA	0.46	312.0	Lg	16:04:25.411	-0.4					T__				___		6892454	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.69	237.8	Lg	16:04:30.930	-1.2					T__				___		6892455	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO13A	0.79	304.7	Lg	16:04:35.561	-0.1					T__				___		6892456	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MODS	0.97	38.4	Lg	16:04:42.894	-1.9					T__				___		6892457	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.44	0.5	Pn	16:04:37.510	0.5					T__		26.8		___	ML	1.7	6892459	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.44	0.5	Sn	16:04:57.616	0.9					T__				___		6892458	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/28	00:45:42.34	1.06	1.07	46.2078	19.1410	6.7	4.1	167	8.1	8.5	12	7	188	0.12	1.46	ke	BUD	17002342	BUD			264

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	5 BUD	17002342

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU22A	0.12	356.7	Pg	00:45:45.721	0.3					T__		3261.7		_d_	ML	2.1	6892527	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.12	356.7	Lg	00:45:47.917	-0.1					T__				---		6892534	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																									
MORH	0.35	271.4	Pg	00:45:49.768	0.3					T__		36.2		---	ML	0.8	6892528	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.35	271.4	Lg	00:45:54.410	-0.5					T__				---		6892529	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0																									
HU21A	0.43	72.7	Pg	00:45:51.322	0.2					T__		87.7		---	ML	1.4	6892535	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.43	72.7	Lg	00:45:57.791	-0.4					T__				---		6892532	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
A272A	0.55	347.3	Pg	00:45:53.835	0.3					T__		63.7		---	ML	1.6	6892537	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	0.55	347.3	Lg	00:46:01.182	-1.2					T__				---		6892536	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
KOVH	0.73	261.0	Pg	00:45:56.961	0.1					T__		21.0		---	ML	1.2	6892530	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.73	261.0	Lg	00:46:07.070	-0.2					T__				---		6892538	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
A267A	0.87	328.6	Lg	00:46:12.752	0.1					T__				---		6892533	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	1.46	311.7	Sn	00:46:29.762	2.6					T__				---		6892531	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/28	08:42:50.26	1.03	1.27	46.1424	18.2907	26.0	3.7	161	0.0f		5	3	174	0.14	1.10	kx	BUD	17002344	BUD			319
2021/08/28	08:42:50.19	1.03	0.93	46.1765	18.2926f				0.0f		5	3	155	0.16	1.09	kx	BUD_GT	17002345	BUD_GT			310

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	08:42:54.288	0.2					T__		467.2		_c_	ML	1.4	6892562	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:42:55.754	-1.4					T__				---		6892565	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
MORH	0.25	80.9	Pg	08:42:56.526	0.8					T__		161.6		---	ML	1.2	6892563	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:42:59.228	-0.9					T__				---		6892564	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									

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BEHE 1.09 286.2 Lg 08:43:26.686 -0.1 T__ --- 6892566 FDSN HU -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/28 09:40:07.99 1.59 0.99 47.9977 19.6572 11.5 4.0 147 0.0f 5 3 207 0.10 0.77 kx BUD 17002346 BUD 293
2021/08/28 09:40:07.71 1.00 0.84 48.0061 19.6278f 0.0f 5 3 220 0.10 0.78 kx BUD_GT 17002347 BUD_GT 294
(locality : Nagylóc Hungary)
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.10 190.5 Pg 09:40:10.944 0.6 T__ 207.0 --- ML 0.9 6892585 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.10 190.5 Lg 09:40:12.016 -0.5 T__ --- 6892586 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ 0.20 116.0 Pg 09:40:12.893 0.4 T__ 159.5 --- ML 1.1 6892584 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.20 116.0 Lg 09:40:15.153 -1.2 T__ --- 6892587 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.78 50.9 Lg 09:40:34.391 -0.8 T__ --- 6892588 FDSN ZJ -- BUD iLoc HHN ??? _

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/29 21:57:28.32 0.71 0.99 47.7727 18.1957 2.6 2.3 5 4.6 5.5 82 46 48 0.09 2.84 ke BUD 17002350 BUD 64

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 32 BUD 17002350

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SRD 0.09 62.8 Pg 21:57:31.359 0.9 T__ 24027.2 _c_ ML 2.9 6897833 FDSN SK -- BUD iLoc EHZ EHZ _
SRD 0.09 62.8 Lg 21:57:33.161 0.8 T__ --- 6897834 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
HU09A 0.18 136.7 Pg 21:57:32.367 0.1 T__ 1535.7 _c_ ML 2.0 6897773 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.18 136.7 Lg 21:57:35.827 0.1 T__ --- 6897835 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU08A 0.39 208.4 Pg 21:57:35.994 -0.2 T__ 446.2 --- ML 2.0 6897774 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.39 208.4 Lg 21:57:42.015 -0.5 T__ --- 6897776 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CSKK 0.41 173.9 Pg 21:57:36.753 0.1 T__ 635.1 --- ML 2.2 6897836 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.41 173.9 Lg 21:57:42.864 -0.7 T__ --- 6897777 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU10A 0.56 82.2 Pg 21:57:40.240 0.4 T__ 265.4 --- ML 2.2 6897775 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
BUD 0.63 117.0 Pg 21:57:40.965 -0.3 T__ 294.1 --- ML 2.3 6897819 FDSN HU -- BUD iLoc HHZ HHZ _
BUD 0.63 117.0 Lg 21:57:50.317 -0.8 T__ --- 6897837 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1

```

(Station ML: 2.3 magdef=1																		
EGYH	0.68	239.0	Pg	21:57:41.988	-0.0	T__	375.4	___ ML	2.5	6897838	FDSN	HU	-- BUD	iLoc	HHZ	HHZ	_	
EGYH	0.68	239.0	Lg	21:57:52.345	0.5	T__		___		6897820	FDSN	HU	-- BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1																		
(Station ML: 2.5 magdef=0																		
MPLH	0.75	216.7	Pg	21:57:42.725	-0.5	T__	251.3	___ ML	2.3	6897839	FDSN	HU	-- BUD	iLoc	HHZ	HHZ	_	
MPLH	0.75	216.7	Lg	21:57:53.542	-0.5	T__		___		6897840	FDSN	HU	-- BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1																		
(Station ML: 2.3 magdef=1																		
VYHS	0.84	30.5	Pg	21:57:45.218	-0.0	T__	41.5	___ ML	1.6	6897780	FDSN	SK	-- BUD	iLoc	HHZ	HHZ	_	
VYHS	0.84	30.5	Lg	21:57:56.565	-0.8	T__		___		6897779	FDSN	SK	-- BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1																		
(Station ML: 1.6 magdef=0																		
ZST	0.85	300.4	Pg	21:57:45.409	0.2	T__		___		6897856	FDSN	SK	-- BUD	iLoc	HHZ	???	_	
ZST	0.85	300.4	Lg	21:57:56.343	-1.3	T__		___		6897855	FDSN	SK	-- BUD	iLoc	HHN	???	_	
A267A	0.85	166.7	Lg	21:57:56.719	-1.5	T__		___		6897778	FDSN	Z3	00 BUD	iLoc	HHN	???	_	
MODS	0.86	314.7	Pg	21:57:45.218	-0.3	T__		___		6897782	FDSN	SK	-- BUD	iLoc	HHZ	???	_	
MODS	0.86	314.7	Lg	21:57:57.105	-1.4	T__		___		6897781	FDSN	SK	-- BUD	iLoc	HHN	???	_	
HU03A	0.95	81.6	Pn	21:57:47.840	0.7	T__	121.1	___ ML	2.1	6897841	FDSN	ZJ	00 BUD	iLoc	HHZ	HHZ	_	
HU03A	0.95	81.6	Sn	21:58:00.810	-1.2	T__		___		6897783	FDSN	ZJ	00 BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1																		
(Station ML: 2.1 magdef=1																		
A261A	1.09	221.3	Pg	21:57:49.876	0.1	T__	228.9	___ ML	2.5	6897821	FDSN	Z3	00 BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 2.5 magdef=1																		
(Station ML: 2.5 magdef=0																		
SOP	1.11	266.0	Pn	21:57:49.618	0.1	T__	103.6	___ ML	2.1	6897786	FDSN	HU	-- BUD	iLoc	HHZ	HHZ	_	
SOP	1.11	266.0	Lg	21:58:04.592	-0.2	T__		___		6897787	FDSN	HU	-- BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1																		
(Station ML: 2.1 magdef=1																		
A260A	1.12	244.7	Lg	21:58:05.055	-0.1	T__		___		6897788	FDSN	Z3	00 BUD	iLoc	HHN	???	_	
JAVC	1.14	342.3	Pn	21:57:50.477	0.2	T__	58.9	___ ML	1.9	6897842	FDSN	CZ	-- BUD	iLoc	HHZ	HHZ	_	
JAVC	1.14	342.3	Sn	21:58:06.213	-1.5	T__		___		6897790	FDSN	CZ	-- BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1																		
(Station ML: 1.9 magdef=1																		
PSZ	1.15	82.1	Pn	21:57:51.393	1.2	T__	58.8	___ ML	1.9	6897792	FDSN	GE	-- BUD	iLoc	HHZ	HHZ	_	
PSZ	1.15	82.1	Sn	21:58:06.676	-0.8	T__		___		6897791	FDSN	GE	-- BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1																		
(Station ML: 1.9 magdef=1																		
A272A	1.15	152.7	Pn	21:57:50.531	0.7	T__	249.5	___ ML	2.5	6897843	FDSN	Z3	00 BUD	iLoc	HHZ	HHZ	_	
A272A	1.15	152.7	Sn	21:58:06.290	-0.5	T__		___		6897789	FDSN	Z3	00 BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1																		
(Station ML: 2.5 magdef=0																		
A266A	1.25	177.8	Sn	21:58:08.760	-0.3	T__		___		6897793	FDSN	Z3	00 BUD	iLoc	HHN	???	_	
RONA	1.28	267.4	Pn	21:57:51.772	-0.3	T__	54.7	___ ML	2.0	6897844	FDSN	OE	-- BUD	iLoc	HHZ	HHZ	_	
RONA	1.28	267.4	Pg	21:57:53.014	-0.7	T__	54.9	___ ML	2.0	6897795	FDSN	OE	-- BUD	iLoc	HHZ	HHZ	_	
RONA	1.28	267.4	Lg	21:58:10.844	0.6	T__		___		6897794	FDSN	OE	-- BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1																		
(Station ML: 2.0 magdef=1																		
HU04A	1.30	137.3	Sn	21:58:11.539	1.4	T__		___		6897796	FDSN	ZJ	00 BUD	iLoc	HHN	???	_	
A265A	1.38	191.6	Sn	21:58:12.656	0.7	T__		___		6897845	FDSN	Z3	00 BUD	iLoc	HHN	???	_	
A265A	1.38	191.6	Lg	21:58:14.736	0.2	T__		___		6897846	FDSN	Z3	00 BUD	iLoc	HHN	???	_	
HU23A	1.39	94.8	Pn	21:57:54.479	1.3	T__	95.8	___ ML	2.3	6897847	FDSN	ZJ	00 BUD	iLoc	HHZ	HHZ	_	
HU23A	1.39	94.8	Lg	21:58:15.398	-1.6	T__		___		6897797	FDSN	ZJ	00 BUD	iLoc	HHN	???	_	

(Reading ML: 2.3 magdef=1																			
(Station ML: 2.3 magdef=1																			
A262A	1.45	231.9	Pg	21:57:56.179	-0.4	T__	106.8	---	ML	2.3	6897799	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	1.45	231.9	Lg	21:58:16.402	0.2	T__		---			6897798	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1																			
(Station ML: 2.3 magdef=1																			
A005B	1.46	294.9	Sn	21:58:14.858	0.5	T__		---			6897800	FDSN	Z3	00	BUD	iLoc	HHN	???	_
BSZH	1.48	107.9	Lg	21:58:18.254	-1.7	T__		---			6897801	FDSN	HU	--	BUD	iLoc	HHN	???	_
CONA	1.58	276.5	Pn	21:57:56.397	0.0	T__	31.0	---	ML	1.9	6897848	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.58	276.5	Pg	21:57:58.649	-0.6	T__	30.6	---	ML	1.9	6897803	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.58	276.5	Sn	21:58:18.100	0.6	T__		---			6897802	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1																			
(Station ML: 1.9 magdef=0																			
HU22A	1.58	155.8	Lg	21:58:20.724	-2.4	T__		---			6897804	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.59	168.7	Pn	21:57:56.371	0.6	T__	54.2	---	ML	2.1	6897822	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.59	168.7	Sn	21:58:19.180	1.9	T__		---			6897805	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1																			
(Station ML: 2.1 magdef=1																			
BEHE	1.62	217.2	Pn	21:57:57.660	1.1	T__	117.2	---	ML	2.5	6897823	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	1.62	217.2	Pg	21:57:59.421	-0.3	T__	117.3	---	ML	2.5	6897806	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1																			
(Station ML: 2.5 magdef=0																			
KOVH	1.69	182.3	Pn	21:57:57.881	0.7	T__	31.5	---	ML	1.9	6897849	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.69	182.3	Pg	21:58:00.964	-0.0	T__	32.4	---	ML	1.9	6897807	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.69	182.3	Sn	21:58:20.879	1.2	T__		---			6897808	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	1.69	182.3	Lg	21:58:23.252	-1.3	T__		---			6897850	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1																			
(Station ML: 1.9 magdef=1																			
KECS	1.69	64.3	Pn	21:57:58.733	1.3	T__	68.7	---	ML	2.3	6897824	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.69	64.3	Sn	21:58:21.650	1.5	T__		---			6897809	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1																			
(Station ML: 2.3 magdef=1																			
JOS	1.73	64.4	Pn	21:57:58.907	1.0	T__	24.8	---	ML	1.9	6897851	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.73	64.4	Sn	21:58:22.428	1.5	T__		---			6897852	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1																			
(Station ML: 1.9 magdef=0																			
KRUC	1.76	317.8	Pn	21:57:59.378	0.7	T__	21.9	---	ML	1.8	6897825	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.76	317.8	Pg	21:58:01.273	-0.5	T__	21.1	---	ML	1.8	6897810	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1																			
(Station ML: 1.8 magdef=0																			
HU21A	1.78	143.4	Sn	21:58:23.812	1.9	T__		---			6897811	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A008A	1.81	290.2	Sn	21:58:24.275	1.6	T__		---			6897812	FDSN	Z3	00	BUD	iLoc	HH2	???	_
VRAC	1.87	325.9	Pn	21:58:01.310	1.1	T__	5.9	---	ML	1.3	6897829	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.87	325.9	Lg	21:58:30.321	-0.7	T__		---			6897853	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1																			
(Station ML: 1.3 magdef=0																			
KOGS	1.88	225.8	Pn	21:58:01.256	1.2	T__	38.7	---	ML	2.1	6897827	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.88	225.8	Pg	21:58:04.531	0.4	T__		---			6897826	FDSN	SL	--	BUD	iLoc	BHZ	???	_
(Reading ML: 2.1 magdef=1																			
(Station ML: 2.1 magdef=1																			
ARSA	1.89	254.9	Pg	21:58:04.102	-0.3	T__	34.2	---	ML	2.1	6897828	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.89	254.9	Lg	21:58:30.604	1.6	T__		---			6897813	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1																			

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(Station ML: 2.1 magdef=1
ABAH 2.11 74.5 Pg 21:58:09.455 -0.3 T__ 34.3 ___ ML 2.2 6897815 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 2.11 74.5 Sn 21:58:32.148 2.1 T__ ___ 6897814 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
NIE 2.16 39.5 Pg 21:58:10.690 0.6 T__ 11.7 ___ ML 1.8 6897816 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 2.16 39.5 Lg 21:58:40.638 1.2 T__ ___ 6897817 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
AMBH 2.24 128.5 Pg 21:58:11.080 -1.7 T__ ___ 6897830 FDSN HU -- BUD iLoc HHZ ??? _
PTJ 2.41 220.1 Sn 21:58:38.253 0.6 T__ ___ 6897854 FDSN CR -- BUD iLoc BHN ??? _
SIRR 2.81 121.2 Pn 21:58:13.469 0.6 T__ 12.8 ___ ML 2.2 6897818 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
FRGS 2.84 156.3 Pn 21:58:13.979 0.6 T__ 23.6 ___ ML 2.5 6897831 FDSN SJ -- BUD iLoc BHZ BHZ _
FRGS 2.84 156.3 Sn 21:58:49.946 1.5 T__ ___ 6897832 FDSN SJ -- BUD iLoc BHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 05:15:24.60 1.12 0.34 47.3996 18.2628 5.4 3.9 76 3.0f 8 5 163 0.01 0.25 ke BUD 17002354 BUD 282

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 3 BUD 17002354

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW1 0.01 201.3 Pg 05:15:25.447 -0.0 T__ 1535.9 _d ML 1.5 6897973 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.01 201.3 Lg 05:15:25.898 -0.5 T__ ___ 6897972 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.04 182.5 Pg 05:15:26.111 0.3 T__ 1485.2 ___ ML 1.6 6897976 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.04 182.5 Lg 05:15:26.809 -0.3 T__ ___ 6897971 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW3 0.09 260.0 Pg 05:15:27.068 0.2 T__ 85.2 ___ ML 0.5 6897975 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.09 260.0 Lg 05:15:28.871 0.0 T__ ___ 6897974 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
MSW2 0.10 200.0 Lg 05:15:29.084 -0.2 T__ ___ 6897977 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.25 18.7 Lg 05:15:33.908 -0.3 T__ ___ 6897978 FDSN ZJ 00 BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 06:25:15.10 3.09 1.09 48.1170 21.3182 19.7 6.7 127 0.0f 8 5 275 0.19 0.98 sx BUD 17002356 BUD 312

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Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD 17002356

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.19 343.7 Pg 06:25:19.365 0.0 T__ 321.9 ___ ML 1.3 6898002 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.19 343.7 Lg 06:25:22.447 -0.6 T__ ___ 6898004 FDSN HU -- BUD iLoc HHN ??? _

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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.53 270.9 Pg 06:25:26.536 0.2 T__ 21.7 ___ ML 1.1 6898006 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.53 270.9 Lg 06:25:33.878 -1.1 T__ ___ 6898005 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.64 306.4 Pg 06:25:29.329 1.3 T__ 26.0 ___ ML 1.3 6898003 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.64 306.4 Lg 06:25:37.164 -0.6 T__ ___ 6898007 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.67 303.7 Lg 06:25:38.634 0.0 T__ ___ 6898008 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.98 258.8 Lg 06:25:48.834 -1.5 T__ ___ 6898009 FDSN GE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 06:53:14.23 4.24 0.67 46.7978 22.7887 46.5 15.9 15 0.0f 7 4 249 0.05 1.51 sx BUD 17002358 BUD 297

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 17002358

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.05 263.4 Pg 06:53:15.759 0.0 T__ 266.3 ___ ML 0.9 6898042 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.05 263.4 Lg 06:53:17.119 -0.1 T__ ___ 6898044 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
GZR 1.40 180.3 Pn 06:53:40.847 0.3 T__ 31.2 ___ ML 1.8 6898047 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.40 180.3 Sn 06:54:00.720 0.1 T__ ___ 6898045 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
BZS 1.43 215.0 Pn 06:53:40.171 -0.5 T__ 24.2 ___ ML 1.7 6898048 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.43 215.0 Sn 06:54:01.758 1.0 T__ ___ 6898046 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 1.51 152.8 Sn 06:54:03.028 -0.7 T__ ___ 6898043 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 06:57:13.11 0.89 0.88 48.4335 17.2558 4.7 3.2 108 0.0f 11 7 80 0.06 1.06 sx BUD 17002360 BUD 150

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.06 166.5 Pg 06:57:15.524 0.5 T__ _c_ 6898089 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.06 166.5 Lg 06:57:16.204 -0.7 T__ ___ 6898090 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.26 203.4 Pg 06:57:19.128 0.3 T__ ___ 6898098 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.26 203.4 Lg 06:57:22.080 -1.2 T__ ___ 6898091 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.51 32.7 Pg 06:57:24.535 0.8 T__ 41.8 ___ ML 1.3 6898099 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.51 32.7 Lg 06:57:30.718 -1.3 T__ ___ 6898092 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KRUC 0.85 318.2 Pg 06:57:29.877 0.5 T__ 24.5 ___ ML 1.4 6898094 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.85 318.2 Lg 06:57:40.889 -1.1 T__ ___ 6898093 FDSN CZ -- BUD iLoc HHN ??? _

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
RDNA 0.98 221.6 Lg 06:57:45.467 0.2 T__ --- 6898095 FDSN OE -- BUD iLoc HHN ??? _
VYHS 1.05 86.1 Lg 06:57:49.034 -0.5 T__ --- 6898097 FDSN SK -- BUD iLoc HHN ??? _
CONA 1.06 242.1 Lg 06:57:47.853 0.1 T__ --- 6898096 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 11:24:01.12 0.99 1.10 48.3280 19.8743 5.3 4.3 155 0.0f 11 7 114 0.41 2.11 sx BUD 17002362 BUD 168

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Magnitude Err Nsta Author OrigID
ML 1.5 0.2 4 BUD 17002362

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.41 178.1 Pg 11:24:10.803 0.6 T__ 75.2 --- ML 1.3 6898255 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.41 178.1 Lg 11:24:16.845 -0.0 T__ --- 6898256 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.44 68.9 Pg 11:24:10.599 0.6 T__ 130.6 --- ML 1.6 6898250 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.44 68.9 Lg 11:24:16.309 -0.4 T__ --- 6898249 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.47 69.0 Pg 11:24:11.200 0.5 T__ 54.1 --- ML 1.4 6898257 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.47 69.0 Lg 11:24:17.981 -0.0 T__ --- 6898247 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.48 115.1 Pg 11:24:11.575 0.2 T__ 110.9 --- ML 1.7 6898251 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 115.1 Lg 11:24:18.101 -1.1 T__ --- 6898252 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 0.71 283.9 Lg 11:24:24.469 -1.6 T__ --- 6898248 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.91 91.5 Lg 11:24:31.470 -2.0 T__ --- 6898253 FDSN HU -- BUD iLoc HHN ??? _
MORC 2.11 314.3 Lg 11:25:10.712 0.9 T__ --- 6898254 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/08/30 12:10:01.76 0.91 0.98 48.5817 17.6082 5.8 3.3 132 0.0f 8 5 131 0.28 1.34 sx BUD 17002364 BUD 191

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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 0.28 8.5 Pg 12:10:08.335 0.4 T__ 88.4 --- ML 1.0 6898285 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.28 8.5 Lg 12:10:11.636 -1.3 T__ --- 6898288 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MODS 0.30 226.7 Pg 12:10:08.338 -0.0 T__ --- 6898283 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.30 226.7 Lg 12:10:13.232 -0.4 T__ --- 6898284 FDSN SK -- BUD iLoc HHN ??? _
A331A 0.70 35.2 Lg 12:10:25.161 -0.0 T__ --- 6898289 FDSN Z3 00 BUD iLoc HHN ??? _
VYHS 0.82 95.7 Pg 12:10:19.109 0.7 T__ 8.4 --- ML 0.9 6898286 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.82 95.7 Lg 12:10:28.942 -1.4 T__ --- 6898290 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1

```

CONA 1.34 241.4 Lg 12:10:46.027 0.7 T\_\_ --- 6898287 FDSN OE -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/31	06:33:53.03	1.03	1.38	46.0423	22.7986	7.3	5.2	74	0.0f		8	5	135	0.17	0.93	sx	BUD	17002368	BUD			247

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 3 BUD 17002368

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DEV	0.17	155.3	Lg	06:33:57.875	-1.0					T__						6901248	FDSN	RO	--	BUD	iLoc	HHN	???	_
GZR	0.65	181.4	Lg	06:34:14.046	-0.7					T__						6901249	FDSN	RO	--	BUD	iLoc	HHN	???	_
DRGR	0.75	355.4	Pg	06:34:08.601	0.4					T__		30.2				6901251	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.75	355.4	Lg	06:34:18.755	-1.6					T__						6901250	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
LOT	0.90	130.8	Pg	06:34:11.569	1.2					T__		50.4				6901253	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.90	130.8	Lg	06:34:21.641	-1.9					T__						6901252	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
BZS	0.93	243.2	Pg	06:34:11.569	0.4					T__		19.3				6901255	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.93	243.2	Lg	06:34:23.982	-0.3					T__						6901254	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/31	06:49:49.64	1.32	1.03	47.8377	19.1534	9.2	5.3	164	0.0f		6	4	194	0.09	1.10	kx	BUD	17002370	BUD			261
2021/08/31	06:49:49.82	0.99	1.06	47.8355	19.1270f				0.0f		6	4	197	0.07	1.12	kx	BUD_GT	17002371	BUD_GT			263

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU10A	0.07	277.6	Pg	06:49:52.500	0.7					T__		733.2				6901279	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	06:49:53.045	-0.6					T__						6901277	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
PSZ	0.52	80.6	Lg	06:50:08.229	-1.4					T__						6901280	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	0.69	343.6	Pg	06:50:04.174	0.3					T__		8.8				6901278	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.6	Lg	06:50:13.647	-0.4					T__						6901276	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
KECS	1.12	54.0	Sn	06:50:27.293	-1.6					T__						6901281	FDSN	SK	--	BUD	iLoc	EHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/31	07:31:35.71	0.97	0.73	47.1027	18.0073	5.3	4.6	77	0.0f		10	8	118	0.24	1.02	sx	BUD	17002372	BUD			173

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.24	34.7	Lg	07:31:45.675	-0.2					T__						6901382	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.29	16.1	Lg	07:31:47.099	-0.4					T__						6901384	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.31	33.4	Lg	07:31:48.009	-0.3					T__						6901385	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.33	282.1	Pg	07:31:43.334	0.5					T__		131.6			ML	1.3	6901379	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.33	282.1	Lg	07:31:47.376	-1.0					T__						6901383	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU08A	0.33	350.2	Lg	07:31:48.563	-0.3					T__						6901386	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW1	0.34	30.5	Lg	07:31:48.563	-0.6					T__						6901387	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	0.99	153.5	Pg	07:31:56.000	0.5					T__		21.9			ML	1.4	6901380	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.99	153.5	Lg	07:32:08.974	-1.0					T__						6901378	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOVH	1.02	176.4	Lg	07:32:10.579	-0.6					T__						6901381	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/31	07:39:43.94	1.40	0.85	46.1149	22.8481	11.0	6.7	61	0.0f		8	6	143	0.23	0.99	sx	BUD	17002374	BUD			214

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.23	170.5	Pg	07:39:48.838	0.4					T__		808.0			ML	1.9	6901412	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.23	170.5	Lg	07:39:51.288	-0.4					T__						6901411	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
DRGR	0.68	352.1	Lg	07:40:08.196	-0.7					T__						6901415	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.72	184.0	Pg	07:39:58.200	0.4					T__		80.3			_d ML	1.8	6901414	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.72	184.0	Lg	07:40:07.295	-0.7					T__						6901413	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SIRR	0.84	280.9	Lg	07:40:13.143	-0.1					T__						6901416	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.93	135.6	Lg	07:40:14.026	-1.3					T__						6901417	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.99	240.4	Lg	07:40:16.591	-0.7					T__						6901418	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/31	07:55:45.40	1.55	1.23	47.8066	19.1574	11.6	5.9	178	0.0f		7	5	215	0.10	1.45	kx	BUD	17002376	BUD			240
2021/08/31	07:55:45.82	1.01	1.17	47.8355	19.1270f				0.0f		7	5	197	0.07	1.41	kx	BUD_GT	17002377	BUD_GT			236

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	277.6	Pg	07:55:48.424	0.6					T__		1111.9			ML	1.6	6901438	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	07:55:49.240	-0.5					T__						6901441	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.52	80.6	Lg	07:56:04.003	-1.6					T__						6901442	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.6	Pn	07:56:00.855	-1.0					T__		10.0			ML	0.9	6901444	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS 0.69 343.6 Lg 07:56:10.192 0.1 T\_\_ --- 6901439 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 0.9 magdef=1  
 (Station ML: 0.9 magdef=1  
 JOS 1.15 54.5 Sn 07:56:23.862 -1.9 T\_\_ --- 6901440 FDSN ZJ -- BUD iLoc HHN ??? \_  
 JAVC 1.41 317.1 Sn 07:56:32.707 -0.7 T\_\_ --- 6901443 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/08/31 08:23:06.73 0.88 0.69 48.4757 17.5178 5.5 3.0 137 0.0f 12 8 136 0.19 1.30 sx BUD 17002378 BUD 210

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 3 BUD 17002378

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 MODS 0.19 237.6 Pg 08:23:11.651 0.5 T\_\_ \_c\_ 6901470 FDSN SK -- BUD iLoc HHZ ??? \_  
 MODS 0.19 237.6 Lg 08:23:13.883 -0.9 T\_\_ --- 6901472 FDSN SK -- BUD iLoc HHN ??? \_  
 ZST 0.39 224.9 Lg 08:23:19.924 -1.5 T\_\_ --- 6901473 FDSN SK -- BUD iLoc HHN ??? \_  
 JAVC 0.40 14.7 Pg 08:23:15.353 0.1 T\_\_ 125.3 --- ML 1.5 6901471 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 JAVC 0.40 14.7 Lg 08:23:21.070 -0.8 T\_\_ --- 6901474 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1  
 VYHS 0.88 88.3 Pg 08:23:24.780 0.3 T\_\_ 13.1 --- ML 1.1 6901476 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 0.88 88.3 Lg 08:23:37.085 -0.1 T\_\_ --- 6901475 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1  
 KRUC 0.95 308.7 Lg 08:23:38.857 0.0 T\_\_ --- 6901477 FDSN CZ -- BUD iLoc HHN ??? \_  
 RONA 1.13 227.0 Lg 08:23:43.928 0.2 T\_\_ --- 6901478 FDSN OE -- BUD iLoc HHN ??? \_  
 CONA 1.24 244.3 Pn 08:23:30.755 -0.2 T\_\_ 28.2 --- ML 1.6 6901480 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 1.24 244.3 Lg 08:23:47.089 0.1 T\_\_ --- 6901479 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 MORC 1.30 0.7 Lg 08:23:49.270 0.2 T\_\_ --- 6901481 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/08/31 08:27:58.29 1.51 1.53 48.5576 20.7828 14.4 3.8 4 0.0f 12 8 160 0.17 2.23 sx BUD 17002380 BUD 201

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 4 BUD 17002380

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L  
 JOS 0.17 249.2 Pg 08:28:02.306 0.3 T\_\_ 284.9 --- ML 1.2 6901510 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 0.17 249.2 Lg 08:28:04.811 -0.1 T\_\_ --- 6901511 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 KECS 0.21 249.4 Pg 08:28:02.888 0.2 T\_\_ 1130.8 --- ML 1.9 6901512 FDSN SK -- BUD iLoc EHZ EHZ \_  
 KECS 0.21 249.4 Lg 08:28:06.414 0.2 T\_\_ --- 6901521 FDSN SK -- BUD iLoc EHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 ABAH 0.40 130.5 Pg 08:28:07.534 1.0 T\_\_ 52.8 --- ML 1.1 6901513 FDSN HU -- BUD iLoc HHZ HHZ \_  
 ABAH 0.40 130.5 Lg 08:28:11.727 -1.8 T\_\_ --- 6901514 FDSN HU -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.1 magdef=1

(Station ML: 1.1 magdef=1)

PSZ	0.87	223.2	Lg	08:28:28.398	-1.4	T__								6901515	FDSN	GE	--	BUD	iLoc	HHN	???	_
KOLS	1.06	68.6	Lg	08:28:32.367	-2.4	T__								6901516	FDSN	SK	--	BUD	iLoc	HHN	???	_
TRPA	1.25	109.4	Sn	08:28:38.865	-2.0	T__								6901517	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.30	267.9	Pn	08:28:23.335	0.6	T__			11.5					6901519	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	267.9	Sn	08:28:40.758	-1.4	T__								6901518	FDSN	SK	--	BUD	iLoc	HHN	???	_

(Reading ML: 1.3 magdef=1)

(Station ML: 1.3 magdef=1)

HU08A	2.23	240.7	Sn	08:29:05.959	1.6	T__								6901520	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/31	10:00:23.01	1.02	0.90	48.1882	16.9914	8.3	4.4	151	0.0f		9	6	142	0.07	1.27	sx	BUD	17002382	BUD			169

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
ZST	0.07	83.9	Pg	10:00:25.524	0.4					T__						6901562	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.07	83.9	Lg	10:00:26.599	-0.5					T__						6901565	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.27	45.7	Pg	10:00:29.316	0.4					T__						6901561	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.27	45.7	Lg	10:00:33.332	-0.4					T__						6901563	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.68	224.0	Lg	10:00:44.896	-0.6					T__						6901566	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	0.80	251.5	Lg	10:00:49.386	0.0					T__						6901567	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	0.81	33.7	Lg	10:00:51.603	-0.6					T__						6901564	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VYHS	1.27	75.3	Pn	10:00:47.423	0.0					T__		11.8				6901569	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	75.3	Sn	10:01:04.520	-1.8					T__						6901568	FDSN	SK	--	BUD	iLoc	HHN	???	_

(Reading ML: 1.3 magdef=1)

(Station ML: 1.3 magdef=0)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/31	10:23:18.93	1.05	0.74	47.3786	18.2413	5.5	4.3	33	0.0f		6	5	133	0.02	0.28	sx	BUD	17002384	BUD			233

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MSW1	0.02	40.0	Lg	10:23:21.706	0.8					T__						6902094	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	0.02	139.9	Pg	10:23:19.994	0.2					T__		1205.5				6902090	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.02	139.9	Lg	10:23:20.702	-0.4					T__						6902092	FDSN	HU	--	BUD	iLoc	HHN	???	_

(Reading ML: 1.4 magdef=1)

(Station ML: 1.4 magdef=0)

MSW3	0.08	273.4	Lg	10:23:23.420	0.1					T__						6902095	FDSN	HU	--	BUD	iLoc	HHZ	???	_
HU08A	0.22	283.9	Lg	10:23:27.976	-0.2					T__						6902091	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU09A	0.28	20.1	Lg	10:23:29.246	-0.9					T__						6902093	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/08/31	10:31:38.86	1.29	1.27	47.3578	18.3630	7.4	5.6	118	0.0f		16	12	109	0.07	1.57	sx	BUD	17002386	BUD			154

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	17002386

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.07	274.4	Pg	10:31:41.482	0.5					T__		2483.0		_d	ML	1.9	6902149	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	274.4	Lg	10:31:42.626	-0.4					T__						6902150	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MSW1	0.08	296.5	Pg	10:31:42.167	1.1					T__		1394.7		---	ML	1.7	6902163	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	296.5	Lg	10:31:42.980	-0.4					T__						6902164	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MSW3	0.16	279.0	Lg	10:31:45.419	-0.7					T__						6902165	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.28	2.7	Lg	10:31:48.749	-1.5					T__						6902154	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.31	284.0	Lg	10:31:50.055	-1.0					T__						6902155	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.59	251.8	Lg	10:31:59.093	-1.0					T__						6902156	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A266A	0.84	184.7	Lg	10:32:07.260	-0.6					T__						6902157	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	1.16	170.3	Sn	10:32:17.387	-1.2					T__						6902158	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.18	61.0	Pn	10:32:02.199	0.5					T__		42.6		---	ML	1.8	6902153	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.18	61.0	Sn	10:32:18.150	-1.7					T__						6902159	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
VYHS	1.18	15.5	Pn	10:32:02.090	0.4					T__		13.3		---	ML	1.3	6902152	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.18	15.5	Sn	10:32:18.041	-1.9					T__						6902160	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MODS	1.25	324.7	Sn	10:32:19.783	-1.9					T__						6902161	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	1.57	343.1	Sn	10:32:31.544	1.3					T__						6902162	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/01	06:13:58.48	1.69	1.26	47.8084	19.8614	12.2	4.0	171	0.0f	13	8	212		0.11	1.05	kx	BUD	17002398	BUD			236	
2021/09/01	06:13:58.65	0.88	1.44	47.8362	19.9346f				0.0f	13	8	209		0.09	0.99	kx	BUD_GT	17002399	BUD_GT			225	
(locality : Gyöngyössolymos Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	5 BUD_GT	17002399

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.09	341.8	Pg	06:14:02.329	1.1					T__		2285.3		---	ML	1.9	6904944	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.09	341.8	Lg	06:14:03.418	-0.1					T__						6904945	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
HU03A	0.24	286.8	Pg	06:14:04.554	0.6					T__		287.3		---	ML	1.4	6904946	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.24	286.8	Lg	06:14:05.752	-2.2					T__						6904949	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.49	54.0	Pg	06:14:10.431	1.3					T__		32.8		---	ML	1.2	6904951	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	54.0	Lg	06:14:17.455	0.3					T__						6904950	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU10A	0.62	271.2	Lg	06:14:18.304	-3.2					T__						6904952	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.75	29.5	Lg	06:14:25.447	0.5					T__						6904953	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.77	31.3	Pn	06:14:16.441	0.8					T__		42.8		---	ML	1.6	6904947	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	31.3	Lg	06:14:26.623	0.7					T__						6904954	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 VYHS 0.99 312.2 Pg 06:14:18.367 -0.3 T\_\_ 9.6 \_\_\_ ML 1.0 6904956 FDSN SK -- BUD iLoc HHZ HHZ \_  
 VYHS 0.99 312.2 Lg 06:14:30.998 -2.1 T\_\_ \_\_\_ 6904955 FDSN SK -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=0  
 ABAH 0.99 61.8 Sn 06:14:34.332 -0.0 T\_\_ \_\_\_ 6904948 FDSN HU -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/01	06:47:58.22	1.14	1.07	47.9111	19.8443	10.9	4.9	170	0.0f	7	6	189	0.03	0.89	kx	BUD	17002400	BUD				233
2021/09/01	06:47:56.86	0.98	1.24	47.8362	19.9346f				0.0f	7	6	232	0.09	0.99	kx	BUD_GT	17002401	BUD_GT				258

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.09	341.8	Pg	06:48:00.193	0.8					T__		852.2		___	ML	1.5	6904981	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.09	341.8	Lg	06:48:01.009	-0.7					T__				___		6904982	FDSN	GE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=0  
 HU03A 0.24 286.8 Lg 06:48:04.367 -1.8 T\_\_ \_\_\_ 6904983 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 HU02A 0.49 54.0 Lg 06:48:15.251 -0.1 T\_\_ \_\_\_ 6904984 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 KECS 0.75 29.5 Lg 06:48:23.455 0.3 T\_\_ \_\_\_ 6904985 FDSN SK -- BUD iLoc EHN ??? \_  
 JJS 0.77 31.3 Lg 06:48:24.532 0.4 T\_\_ \_\_\_ 6904986 FDSN ZJ -- BUD iLoc HHN ??? \_  
 VYHS 0.99 312.2 Lg 06:48:29.152 -2.1 T\_\_ \_\_\_ 6904987 FDSN SK -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/01	07:05:51.43	1.55	1.34	48.0254	20.7187	9.7	6.1	0	0.0f	7	4	207	0.44	0.56	kx	BUD	17002402	BUD					289
2021/09/01	07:05:52.29	0.99	1.20	48.0750	20.6990f				0.0f	7	4	195	0.42	0.56	kx	BUD_GT	17002403	BUD_GT					282

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

Magnitude Err Nsta Author OrigID  
 ML 1.2 0.0 3 BUD\_GT 17002403

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.42	58.4	Pg	07:06:01.092	0.0					T__		56.6		___	ML	1.2	6905009	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	07:06:06.869	-1.6					T__				___		6905008	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 KECS 0.43 340.8 Pg 07:06:02.067 0.9 T\_\_ 205.0 \_\_\_ ML 1.8 6905007 FDSN SK -- BUD iLoc EHZ EHZ \_  
 KECS 0.43 340.8 Lg 07:06:07.727 -0.1 T\_\_ \_\_\_ 6905010 FDSN SK -- BUD iLoc EHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 JJS 0.43 345.9 Pg 07:06:02.167 1.1 T\_\_ 53.5 \_\_\_ ML 1.2 6905006 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JJS 0.43 345.9 Lg 07:06:07.841 -0.1 T\_\_ \_\_\_ 6905011 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.2 magdef=1  
 (Station ML: 1.2 magdef=1  
 PSZ 0.56 254.1 Lg 07:06:11.369 -2.0 T\_\_ \_\_\_ 6905012 FDSN GE -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/01	08:54:01.99	1.13	1.27	46.9449	17.3737	9.5	4.8	152	0.0f		7	4	123	0.15	1.14	sx	BUD	17002404	BUD			237

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	17002404

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.15	272.7	Pg	08:54:06.250	0.5					T__		6789.7		___	ML	2.6	6905100	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.15	272.7	Lg	08:54:07.950	-0.8					T__				---		6905101	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
MPLH	0.25	26.6	Pg	08:54:08.414	0.7					T__		283.4		___	ML	1.5	6905094	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.25	26.6	Lg	08:54:10.864	-1.4					T__				---		6905095	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOVH	0.99	149.4	Pn	08:54:21.739	-0.3					T__		34.5		___	ML	1.6	6905097	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.99	149.4	Lg	08:54:35.460	-0.7					T__				---		6905096	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	1.14	129.4	Sn	08:54:39.196	-1.6					T__				---		6905102	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/01	10:00:27.06	0.90	0.81	48.1533	16.9304	7.7	3.4	140	0.0f		12	9	149	0.12	1.32	sx	BUD	17002406	BUD				153

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.12	69.5	Pg	10:00:30.881	0.8					T__				---		6905155	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.12	69.5	Lg	10:00:32.405	-0.4					T__				---		6905154	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.32	46.3	Lg	10:00:38.350	-1.3					T__				---		6905156	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.62	223.5	Pg	10:00:39.305	-0.3					T__		40.4		___	ML	1.5	6905160	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.62	223.5	Lg	10:00:47.417	-0.5					T__				---		6905159	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CONA	0.75	253.0	Lg	10:00:51.991	0.1					T__				---		6905153	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.86	34.6	Lg	10:00:56.665	-1.4					T__				---		6905161	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
KRUC	0.98	338.9	Lg	10:01:00.556	0.3					T__				---		6905162	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.18	349.2	Lg	10:01:06.549	-0.1					T__				---		6905163	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ARSA	1.31	227.0	Pn	10:00:52.061	-0.2					T__		36.3		___	ML	1.8	6905157	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.31	227.0	Lg	10:01:09.238	0.4					T__				---		6905164	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
VYHS	1.32	74.3	Sn	10:01:10.526	-1.0					T__				---		6905158	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/01	10:41:22.45	1.58	0.81	47.9078	20.1469	18.9	3.6	156	0.0f		7	4	211	0.17	0.64	kx	BUD	17002408	BUD				237
2021/09/01	10:41:22.02	0.97	0.92	47.8650	20.1529f				0.0f		7	4	230	0.18	0.68	kx	BUD_GT	17002409	BUD_GT				252

(locality : Kiszána Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	10:41:27.237	0.7					T__		242.2		---	ML	1.2	6905184	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:41:29.138	-1.0					T__				---		6905187	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ET1H	0.19	274.4	Pg	10:41:27.161	0.7					T__		154.9		---	ML	1.0	6905185	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	10:41:29.923	-0.1					T__				---		6905186	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.36	44.0	Pg	10:41:30.135	0.3					T__				---		6905189	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
HU02A	0.36	44.0	Lg	10:41:34.585	-1.4					T__				---		6905188	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.68	22.1	Lg	10:41:45.135	-1.0					T__				---		6905190	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/01	11:55:25.10	1.00	0.53	47.8914	16.0955	6.7	3.9	22	0.0f		8	6	109	0.16	1.51	sx	BUD	17002410	BUD			196

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	283.3	Pg	11:55:28.932	0.4					T__		230.0		---	ML	1.1	6905211	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	283.3	Lg	11:55:30.372	-0.6					T__				---		6905212	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
RONA	0.23	144.7	Pg	11:55:30.432	0.4					T__		84.7		---	ML	0.9	6905214	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	144.7	Lg	11:55:33.118	-0.4					T__				---		6905213	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
A018A	0.70	258.2	Lg	11:55:47.443	-0.1					T__				---		6905215	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.75	211.4	Lg	11:55:48.456	-0.6					T__				---		6905216	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.93	58.2	Lg	11:55:57.797	-0.5					T__				---		6905217	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CKRC	1.51	308.6	Sn	11:56:13.586	0.1					T__				---		6905218	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/01	12:55:20.75	1.15	0.59	45.9610	22.9249	17.3	4.5	90	0.0f		6	4	158	0.08	0.84	sx	BUD	17002412	BUD			299

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.08	191.0	Pg	12:55:22.417	0.2					T__		1205.9		---	ML	1.6	6905254	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.08	191.0	Lg	12:55:23.451	0.1					T__				---		6905253	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
GZR	0.58	190.4	Lg	12:55:39.369	-0.7					T__				---		6905255	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.78	130.6	Lg	12:55:47.161	-0.2					T__				---		6905256	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	0.84	350.0	Pg	12:55:37.877	0.2					T__		30.5		---	ML	1.5	6905258	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.84	350.0	Lg	12:55:49.881	-0.6					T__				---		6905257	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/01	18:37:31.16	1.08	0.79	47.5497	16.3691	6.6	4.0	142	0.0f		10	7	199	0.16	1.51	sx	BUD	17002414	BUD			206

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.1	5 BUD	17002414

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.16	341.9	Pg	18:37:34.471	-0.2					T__		75.3		_c_	ML	0.6	6905285	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.16	341.9	Lg	18:37:36.773	-0.5					T__				---		6905286	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
SOP	0.19	43.7	Pg	18:37:35.565	0.3					T__		54.0		---	ML	0.5	6905287	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.19	43.7	Lg	18:37:38.078	-0.1					T__				---		6905288	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1																									
AO11B	0.31	243.3	Pg	18:37:37.912	0.5					T__		19.2		---	ML	0.5	6905293	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=0																									
CONA	0.51	318.1	Pg	18:37:42.265	0.9					T__		19.7		---	ML	1.0	6905290	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.51	318.1	Lg	18:37:49.017	0.8					T__				---		6905291	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
ARSA	0.65	242.8	Lg	18:37:50.361	-1.5					T__				---		6905294	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	1.03	36.2	Pg	18:37:51.818	-0.2					T__				---		6905289	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KRUC	1.51	0.6	Pn	18:37:58.748	-0.2					T__		24.6		---	ML	1.7	6905292	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/02	07:03:56.66	1.33	0.77	47.9840	16.6386	10.3	4.7	130	0.0f		9	8	171	0.37	1.11	sx	BUD	17002416	BUD			181

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.37	219.2	Lg	07:04:08.214	-1.1					T__				---		6905322	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.53	264.2	Pg	07:04:07.255	0.1					T__		34.4		---	ML	1.3	6905321	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.53	264.2	Lg	07:04:13.584	-0.6					T__				---		6905323	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0																									
MODS	0.58	47.4	Lg	07:04:18.035	0.0					T__				---		6905324	FDSN	SK	--	BUD	iLoc	HHN	???	_	
AO11B	0.74	218.8	Lg	07:04:20.709	0.3					T__				---		6905325	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ARSA	1.05	226.2	Lg	07:04:31.057	0.8					T__				---		6905326	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO18A	1.08	257.7	Lg	07:04:31.972	0.9					T__				---		6905327	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.09	351.6	Lg	07:04:33.491	-0.2					T__				---		6905328	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
JAVC	1.11	37.7	Sn	07:04:35.721	-0.6					T__				---		6905329	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/02	07:41:09.92	4.22	0.79	46.8299	22.8066	48.1	18.0	167	0.0f	7	4	274	0.08	1.54	sx	BUD	17002418	BUD				301

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3 BUD	17002418

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.08	239.8	Pg	07:41:11.783	-0.1					T__		551.8		___	ML	1.3	6905379	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.08	239.8	Lg	07:41:13.682	0.1					T__				---		6905381	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
GZR	1.44	180.8	Pn	07:41:37.255	0.5					T__		27.6		___	ML	1.7	6905380	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.44	180.8	Sn	07:41:56.598	-0.5					T__				---		6905382	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BZS	1.47	214.7	Pn	07:41:37.301	0.5					T__		26.3		___	ML	1.7	6905384	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.47	214.7	Sn	07:41:57.370	0.1					T__				---		6905383	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LOT	1.54	153.8	Sn	07:41:58.759	-1.3					T__				---		6905385	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/02	08:31:27.42	1.21	1.05	48.4461	21.7360	12.4	5.0	178	0.0f	8	6	125	0.36	0.87	sx	BUD	17002420	BUD					209

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.36	245.8	Lg	08:31:41.247	-0.1					T__				---		6905460	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.60	35.9	Lg	08:31:48.116	-0.9					T__				---		6905461	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	0.62	120.2	Pg	08:31:40.243	0.6					T__		111.7		___	ML	1.9	6905463	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.62	120.2	Lg	08:31:48.579	-1.7					T__				---		6905462	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.80	274.0	Lg	08:31:55.912	0.7					T__				---		6905464	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.83	273.0	Lg	08:31:56.972	0.5					T__				---		6905459	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.87	248.6	Pg	08:31:45.190	-0.2					T__		52.1		___	ML	1.7	6905458	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.87	248.6	Lg	08:31:58.150	-0.7					T__				---		6905465	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/02	09:04:28.42	1.37	1.12	48.2121	21.2443	8.8	4.9	136	0.0f	17	12	71	0.08	1.73	kx	BUD	17002422	BUD					121
2021/09/02	09:04:28.66	0.91	1.07	48.2470	21.2460f				0.0f	17	12	70	0.05	1.76	kx	BUD_GT	17002423	BUD_GT					118

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	5 BUD_GT	17002423

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

ABAH	0.05	355.1	Pg	09:04:31.228	1.0	T__	14716.9	___	ML	2.6	6905498	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:04:31.614	-0.2	T__		---			6905501	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
HU02A	0.50	255.8	Pg	09:04:39.385	0.2	T__	123.0	___	ML	1.8	6905503	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:04:45.868	-1.5	T__		---			6905502	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JOS	0.53	298.1	Pg	09:04:40.593	1.2	T__	93.0	___	ML	1.7	6905499	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:04:47.231	-0.3	T__		---			6905504	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=0)																			
KECS	0.56	295.3	Pg	09:04:40.513	0.6	T__	313.7	___	ML	2.3	6905506	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	09:04:48.077	-0.4	T__		---			6905505	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
TRPA	0.87	97.2	Lg	09:04:58.592	-1.5	T__		---			6905507	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.96	250.6	Pg	09:04:48.919	-0.1	T__	75.1	___	ML	1.9	6905509	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:05:01.346	-2.1	T__		---			6905508	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KOLS	0.97	44.4	Lg	09:05:01.738	-1.2	T__		---			6905510	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.99	248.7	Lg	09:05:02.295	-1.7	T__		---			6905511	FDSN	HU	--	BUD	iLoc	HHN	???	_
BSZH	1.16	215.2	Sn	09:05:06.997	-1.2	T__		---			6905512	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.33	332.3	Lg	09:05:12.434	-0.8	T__		---			6905500	FDSN	PL	--	BUD	iLoc	BHN	???	_
VYHS	1.63	279.6	Sn	09:05:20.606	0.2	T__		---			6905513	FDSN	SK	--	BUD	iLoc	HHN	???	_
DRGR	1.76	145.2	Sn	09:05:23.969	0.2	T__		---			6905514	FDSN	RO	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/02	09:51:26.97	0.84	1.20	47.3640	18.3786	4.1	2.7	140	0.0f		31	24	95	0.08	1.95	sx	BUD	17002424	BUD			107

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD	17002424

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
CSKK	0.08	269.4	Pg	09:51:29.478	0.2					T__		5582.6			___	ML	2.3	6905635	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	269.4	Lg	09:51:30.958	-0.6					T__					---		6905636	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																										
(Station ML: 2.3 magdef=0)																										
MSW1	0.09	289.6	Pg	09:51:29.707	0.4					T__		3531.8			___	ML	2.1	6905637	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.09	289.6	Lg	09:51:30.958	-0.8					T__					---		6905638	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=1)																										
MSW2	0.13	241.6	Pg	09:51:29.988	-0.2					T__		1172.6			___	ML	1.7	6905639	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.13	241.6	Lg	09:51:30.958	-2.2					T__					---		6905640	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
HU09A	0.27	0.5	Lg	09:51:37.832	-0.3					T__					---		6905619	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	282.5	Lg	09:51:38.913	-0.5					T__					---		6905620	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A267A	0.42	170.4	Lg	09:51:42.309	-0.7					T__					---		6905621	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BUD	0.45	74.5	Lg	09:51:43.404	-1.1					T__					---		6905609	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.60	251.6	Pg	09:51:40.780	1.4					T__		78.7			___	ML	1.7	6905611	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

MPLH	0.60	251.6	Lg	09:51:47.804	-0.8	T__	---	6905610	FDSN	HU	--	BUD	iLoc	HNN	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU10A	0.65	41.7	Pg	09:51:41.320	0.8	T__	128.8	---	ML	2.0	6905612	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.65	41.7	Lg	09:51:49.564	-1.5	T__	---	---	---	6905623	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
A338A	0.65	358.5	Lg	09:51:49.410	-1.9	T__	---	---	---	6905622	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
EGYH	0.71	274.7	Lg	09:51:51.880	-0.4	T__	---	---	---	6905624	FDSN	HU	--	BUD	iLoc	HNN	???	_	
A266A	0.84	185.4	Lg	09:51:56.202	0.0	T__	---	---	---	6905625	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
A261A	0.94	244.3	Lg	09:51:59.599	0.8	T__	---	---	---	6905626	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
ET1H	1.13	62.4	Sn	09:52:05.774	-0.7	T__	---	---	---	6905627	FDSN	HU	--	BUD	iLoc	HNN	???	_	
MORH	1.16	170.9	Sn	09:52:05.465	-1.3	T__	---	---	---	6905630	FDSN	HU	--	BUD	iLoc	HNN	???	_	
PSZ	1.17	61.0	Pn	09:51:50.645	1.0	T__	49.9	---	ML	1.8	6905629	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.17	61.0	Sn	09:52:07.163	-0.5	T__	---	---	---	6905628	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
VYHS	1.17	15.1	Pn	09:51:52.126	2.4	T__	14.4	---	ML	1.3	6905615	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	15.1	Lg	09:52:06.638	-1.1	T__	---	---	---	6905614	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
MODS	1.25	324.1	Sn	09:52:09.170	-0.7	T__	---	---	---	6905631	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KOVH	1.29	188.6	Sn	09:52:10.188	0.2	T__	---	---	---	6905616	FDSN	HU	--	BUD	iLoc	HNN	???	_	
RONA	1.45	284.2	Sn	09:52:14.264	0.2	T__	---	---	---	6905632	FDSN	OE	--	BUD	iLoc	HNN	???	_	
JAVC	1.57	342.7	Sn	09:52:17.907	-0.4	T__	---	---	---	6905617	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
HU02A	1.64	61.6	Sn	09:52:20.285	1.5	T__	---	---	---	6905633	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
A011B	1.64	272.4	Sn	09:52:18.833	0.5	T__	---	---	---	6905618	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ARSA	1.95	267.7	Sn	09:52:28.467	2.9	T__	---	---	---	6905634	FDSN	OE	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/02	10:03:57.98	0.95	1.00	46.0386	22.3461	5.9	4.4	36	0.0f	10	7	82	0.42	1.16	sx	BUD	17002426	BUD			147	

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	17002426

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
DEV	0.42	111.6	Lg	10:04:11.401	-0.4										6905680	FDSN	RO	--	BUD	iLoc	HNN	???	_			
SIRR	0.53	295.9	Pg	10:04:09.703	0.7							62.1		---	ML	1.6	6905682	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
SIRR	0.53	295.9	Lg	10:04:16.032	-1.4									---	---	6905681	FDSN	RO	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
BZS	0.66	230.7	Lg	10:04:19.737	-0.7									---	---	6905678	FDSN	RO	--	BUD	iLoc	HNN	???	_		
GZR	0.71	154.8	Pg	10:04:12.272	0.6							61.1		---	ML	1.7	6905677	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	0.71	154.8	Lg	10:04:20.917	-0.8									---	---	6905676	FDSN	RO	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
DRGR	0.79	18.4	Pg	10:04:13.970	0.0							59.9		---	ML	1.7	6905675	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.79	18.4	Lg	10:04:26.221	0.2									---	---	6905683	FDSN	RO	--	BUD	iLoc	HNN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
CJR	1.10	51.6	Lg	10:04:35.946	0.5									---	---	6905684	FDSN	RO	--	BUD	iLoc	HHE	???	_		
LOT	1.16	120.1	Lg	10:04:35.329	-1.6									---	---	6905679	FDSN	RO	--	BUD	iLoc	HNN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/02	10:13:31.72	1.10	1.21	48.4318	19.5379	6.1	5.0	14	0.0f		11	8	119	0.47	1.31	sx	BUD	17002428	BUD			154

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	3 BUD	17002428

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VVHS	0.47	277.8	Lg	10:13:47.871	-0.6					T__						6905713	FDSN	SK	--	BUD	iLoc	HHN	???	_
PSZ	0.57	155.0	Lg	10:13:52.502	-0.3					T__						6905714	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.60	157.9	Lg	10:13:52.965	-0.4					T__						6905715	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.63	85.0	Pg	10:13:45.092	0.7					T__		83.0				6905717	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	85.0	Lg	10:13:53.120	-0.9					T__						6905716	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
JOS	0.67	84.1	Pg	10:13:46.293	1.2					T__		47.7				6905711	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	84.1	Lg	10:13:54.663	-0.5					T__						6905718	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
HU02A	0.73	114.8	Pg	10:13:47.253	0.4					T__		28.1				6905719	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	114.8	Lg	10:13:56.790	-1.5					T__						6905712	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
NIE	1.11	26.7	Lg	10:14:07.939	-0.9					T__						6905720	FDSN	PL	--	BUD	iLoc	BHN	???	_
JAVC	1.31	289.7	Sn	10:14:14.578	-2.2					T__						6905721	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/02	11:08:23.32	2.84	0.44	48.4528	20.6548	21.7	7.6	70	0.0f		5	3	255	0.09	0.34	sx	BUD	17002430	BUD			345

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.09	299.3	Pg	11:08:25.237	-0.1					T__		35.7				6905741	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.09	299.3	Lg	11:08:27.398	0.4					T__						6905742	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.1 magdef=1)																								
(Station ML: 0.1 magdef=1)																								
KECS	0.12	285.2	Pg	11:08:25.636	-0.3					T__		78.6				6905744	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.12	285.2	Lg	11:08:28.260	0.2					T__						6905743	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 0.5 magdef=1)																								
(Station ML: 0.5 magdef=1)																								
HU02A	0.34	194.7	Lg	11:08:36.866	0.3					T__						6905745	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/02	11:11:28.24	1.68	1.63	48.5594	20.9757	15.7	8.5	157	0.0f		5	4	168	0.30	0.94	sx	BUD	17002432	BUD			316

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.30	257.8	Pg	11:11:35.051	0.7					T__		102.1				6905762	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.30	257.8	Lg	11:11:38.138	-0.9	T__	---	6905765	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																
(Station ML: 1.1 magdef=0)																
KECS	0.33	257.0	Lg	11:11:39.104	-1.2	T__	---	6905766	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU02A	0.53	214.7	Lg	11:11:47.367	-0.6	T__	---	6905763	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KOLS	0.94	66.0	Lg	11:11:59.670	-1.5	T__	---	6905764	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/02	18:32:11.59	1.90	0.34	48.3712	20.4828	32.2	4.2	115	0.0f	6	3	204	0.11	0.60	ke	BUD	17002438	BUD				344

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.6	3 BUD	17002438

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
KECS	0.11	1.0	Pg	18:32:14.312	0.2					T__		94.7		---	ML	0.6	6905894	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.11	1.0	Lg	18:32:16.063	-0.1					T__				---		6905896	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 0.6 magdef=1)																										
(Station ML: 0.6 magdef=1)																										
JOS	0.13	16.8	Pg	18:32:14.564	0.1					T__		33.1		---	ML	0.2	6905892	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.13	16.8	Lg	18:32:16.399	-0.4					T__				---		6905895	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.2 magdef=1)																										
(Station ML: 0.2 magdef=1)																										
PSZ	0.60	221.2	Pg	18:32:24.694	0.2					T__		22.7		---	ML	1.2	6905893	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.60	221.2	Lg	18:32:33.521	-0.3					T__				---		6905897	FDSN	GE	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/02	18:59:49.14	1.38	0.78	47.5875	16.3905	8.5	4.6	142	0.0f	9	8	188	0.13	1.48	sx	BUD	17002440	BUD					201

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
RONA	0.13	330.5	Pg	18:59:52.538	0.5					T__		118.9		_c_	ML	0.7	6905921	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.13	330.5	Lg	18:59:53.696	-0.6					T__				---		6905923	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.7 magdef=1)																										
(Station ML: 0.7 magdef=0)																										
SOP	0.15	49.8	Lg	18:59:55.513	0.5					T__				---		6905924	FDSN	HU	--	BUD	iLoc	HHN	???	_		
A011B	0.34	238.7	Lg	18:59:59.730	-0.7					T__				---		6905925	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
CONA	0.49	313.9	Lg	19:00:05.450	-0.2					T__				---		6905926	FDSN	OE	--	BUD	iLoc	HHN	???	_		
ARSA	0.68	240.5	Lg	19:00:10.623	-0.2					T__				---		6905927	FDSN	OE	--	BUD	iLoc	HHN	???	_		
A018A	0.90	280.5	Lg	19:00:18.007	0.1					T__				---		6905928	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
MODS	0.99	36.8	Lg	19:00:22.980	-1.4					T__				---		6905929	FDSN	SK	--	BUD	iLoc	HHN	???	_		
KRUC	1.48	0.1	Sn	19:00:36.843	0.4					T__				---		6905922	FDSN	CZ	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/03	02:04:03.60	1.36	1.26	48.1372	22.5208	20.7	10.5	39	5.6	7.4	7	6	145	0.01	1.37	ke	BUD	17002442	BUD				193

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TRPA	0.01	119.0	Pg	02:04:04.885	0.1					T__		220.8		_d	ML	0.7	6905963	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.01	119.0	Lg	02:04:05.769	-0.2					T__				---		6905964	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
BMR	0.80	124.9	Lg	02:04:31.378	-0.2					T__				---		6905962	FDSN	RO	--	BUD	iLoc	HHN	???	_	
KOLS	0.81	348.4	Lg	02:04:31.680	-0.1					T__				---		6905960	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ABAH	0.87	281.0	Lg	02:04:33.182	-0.6					T__				---		6905961	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	1.34	270.1	Sn	02:04:48.351	1.4					T__				---		6905965	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	1.37	285.9	Sn	02:04:48.888	1.5					T__				---		6905966	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/09/03	06:29:48.00	0.87	2.01	47.9577	19.4611	4.9	3.0	11	0.0f		22	15	86	0.11	1.83	kx	BUD	17002444	BUD			119		
2021/09/03	06:29:47.57	0.84	1.54	47.9151	19.4088f				0.0f		22	15	100	0.13	1.78	kx	BUD_GT	17002445	BUD_GT			143		
(locality : Szanda Hungary)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD_GT	17002445

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.13	95.0	Pg	06:29:51.873	1.2					T__		2406.0		___	ML	2.0	6906098	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	95.0	Lg	06:29:53.108	-0.1					T__				---		6906100	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU10A	0.27	255.2	Lg	06:29:59.244	0.9					T__				---		6906116	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.31	96.4	Pg	06:29:53.880	-0.7					T__		135.4		___	ML	1.3	6906101	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.31	96.4	Lg	06:29:59.108	-0.6					T__				---		6906110	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.33	89.2	Pg	06:29:54.027	-1.0					T__		236.6		___	ML	1.6	6906097	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	89.2	Lg	06:29:59.413	-1.2					T__				---		6906109	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.69	326.7	Pn	06:30:03.332	-0.4					T__		20.8		___	ML	1.2	6906103	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	326.7	Lg	06:30:10.309	-1.7					T__				---		6906112	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU09A	0.75	248.6	Lg	06:30:15.300	0.4					T__				---		6906113	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU02A	0.78	74.1	Pg	06:30:02.036	-1.7					T__		54.2		___	ML	1.7	6906102	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	74.1	Lg	06:30:13.808	-2.1					T__				---		6906117	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.92	51.3	Pg	06:30:06.439	0.5					T__		142.8		___	ML	2.2	6906115	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.92	51.3	Lg	06:30:18.966	-0.7					T__				---		6906114	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	0.95	52.0	Pg	06:30:06.270	-0.3					T__		50.8		___	ML	1.7	6906096	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.95	52.0	Lg	06:30:18.867	-2.0					T__				---		6906111	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

HU08A	1.11	244.8	Lg	06:30:30.560	3.6	T__	---	6906104	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A331A	1.47	327.9	Sn	06:30:36.610	0.7	T__	---	6906105	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	1.47	240.2	Lg	06:30:41.094	3.5	T__	---	6906107	FDSN	HU	--	BUD	iLoc	HHN	???	_
JAVC	1.49	309.8	Sn	06:30:38.539	1.3	T__	---	6906106	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MODS	1.50	288.6	Lg	06:30:40.827	0.8	T__	---	6906099	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORH	1.78	197.4	Lg	06:30:49.046	0.2	T__	---	6906108	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/03	07:00:56.70	1.54	1.26	47.9959	20.3102	20.4	6.2	148	0.0f		4	3	205	0.19	0.52	kx	BUD	17002446	BUD			328
2021/09/03	07:00:56.69	1.07	1.09	47.9767	20.3679f				0.0f		4	3	223	0.18	0.53	kx	BUD_GT	17002447	BUD_GT			336
(locality : Eger-III. Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.18	35.8	Pg	07:01:01.590	0.6					T__		133.5		---	ML	0.9	6906145	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	07:01:03.790	-0.7					T__				---		6906147	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
PSZ	0.32	259.8	Lg	07:01:08.031	-1.6					T__				---		6906148	FDSN	GE	--	BUD	iLoc	HHN	???	_	
JOS	0.53	12.4	Lg	07:01:15.291	-0.4					T__				---		6906146	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/03	08:00:01.49	0.95	1.22	47.4695	18.7021	6.7	3.1	156	0.0f		18	15	95	0.22	1.39	kx	BUD	17002448	BUD				157
2021/09/03	08:00:01.53	0.87	1.16	47.4680	18.6970f				0.0f		18	15	95	0.22	1.40	kx	BUD_GT	17002449	BUD_GT				157
(locality : Etyek Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD_GT	17002449

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BUD	0.22	85.9	Lg	08:00:09.991	-1.0					T__				---		6906221	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.27	308.8	Lg	08:00:11.466	-1.1					T__				---		6906222	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW1	0.31	256.0	Pg	08:00:09.485	1.3					T__		277.3		---	ML	1.6	6906231	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.31	250.7	Pg	08:00:09.763	1.5					T__		421.5		---	ML	1.8	6906229	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.31	250.7	Lg	08:00:12.718	-1.4					T__				---		6906223	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW2	0.37	243.5	Pg	08:00:10.265	0.9					T__		121.1		---	ML	1.4	6906232	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.37	243.5	Lg	08:00:14.784	-1.2					T__				---		6906233	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW3	0.40	257.8	Lg	08:00:15.523	-1.3					T__				---		6906234	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU10A	0.44	29.8	Lg	08:00:17.377	-0.8					T__				---		6906224	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.53	266.3	Pg	08:00:13.443	1.1					T__		174.5		---	ML	2.0	6906217	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.53	266.3	Lg	08:00:19.888	-1.2					T__				---		6906225	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MPLH 0.84 249.7 Lg 08:00:29.640 -1.4 T__ --- 6906226 FDSN HU -- BUD iLoc HHN ??? _
ET1H 0.89 62.2 Lg 08:00:32.238 -1.5 T__ --- 6906218 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.93 60.4 Lg 08:00:33.667 -1.6 T__ --- 6906219 FDSN GE -- BUD iLoc HHN ??? _
EGYH 0.93 267.4 Lg 08:00:33.124 -0.8 T__ --- 6906227 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.03 5.1 Lg 08:00:36.947 -0.6 T__ --- 6906228 FDSN SK -- BUD iLoc HHN ??? _
MORH 1.25 181.7 Sn 08:00:43.600 -0.0 T__ --- 6906230 FDSN HU -- BUD iLoc HHE ??? _
HU02A 1.40 61.4 Sn 08:00:47.067 -0.5 T__ --- 6906220 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/03 08:34:25.81 1.11 0.64 48.6376 19.9492 6.2 5.0 171 0.0f 9 6 116 0.39 0.81 sx BUD 17002450 BUD 210

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.0 3 BUD 17002450

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KECS 0.39 113.2 Pg 08:34:34.335 0.6 T__ 120.4 --- ML 1.5 6906264 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.39 113.2 Lg 08:34:39.468 -0.2 T__ --- 6906266 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.42 109.7 Pg 08:34:34.605 0.4 T__ 45.0 --- ML 1.1 6906263 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.42 109.7 Lg 08:34:40.259 -0.4 T__ --- 6906267 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.64 143.1 Lg 08:34:48.467 -0.8 T__ --- 6906268 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.72 182.9 Pg 08:34:40.934 -0.2 T__ 38.9 --- ML 1.5 6906265 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.72 182.9 Lg 08:34:51.798 -0.3 T__ --- 6906269 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.75 259.4 Lg 08:34:52.210 0.2 T__ --- 6906271 FDSN SK -- BUD iLoc HHN ??? _
NIE 0.81 16.3 Lg 08:34:51.882 -0.9 T__ --- 6906270 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/03 08:54:16.25 0.97 2.12 46.0078 22.8407 7.8 4.2 79 0.0f 11 8 94 0.13 1.51 sx BUD 17002452 BUD 136

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.0 3 BUD 17002452

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.13 160.6 Pg 08:54:19.291 0.5 T__ 1048.1 --- ML 1.7 6906298 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.13 160.6 Lg 08:54:21.529 0.9 T__ --- 6906299 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR 0.62 184.2 Pg 08:54:28.591 0.5 T__ 70.8 --- ML 1.7 6906301 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.62 184.2 Lg 08:54:34.612 -2.3 T__ --- 6906300 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.79 353.5 Pg 08:54:33.376 1.3 T__ 54.8 --- ML 1.7 6906304 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.79 353.5 Lg 08:54:40.940 -3.4 T__ --- 6906303 FDSN RO -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 0.86 130.4 Lg 08:54:43.024 -2.3 T__ --- 6906302 FDSN RO -- BUD iLoc HHN ??? _
SIRR 0.86 288.0 Lg 08:54:45.513 -0.7 T__ --- 6906306 FDSN RO -- BUD iLoc HHN ??? _
CJR 0.88 36.4 Lg 08:54:45.195 -2.0 T__ --- 6906307 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.94 245.9 Lg 08:54:46.858 -1.0 T__ --- 6906305 FDSN RO -- BUD iLoc HHN ??? _
AMBH 1.51 283.9 Sn 08:55:06.797 2.4 T__ --- 6906308 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/03 09:07:33.49 0.96 1.34 48.4308 17.2301 6.8 4.0 96 0.0f 7 5 117 0.07 1.04 sx BUD 17002454 BUD 191

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.07 151.1 Pg 09:07:35.926 0.5 T__ --- 6906330 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.07 151.1 Lg 09:07:36.505 -0.9 T__ --- 6906329 FDSN SK -- BUD iLoc HHN ??? _
ZST 0.25 200.0 Lg 09:07:42.642 -0.7 T__ --- 6906332 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.52 34.1 Pg 09:07:45.417 1.0 T__ 65.6 --- ML 1.6 6906331 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.52 34.1 Lg 09:07:51.129 -1.6 T__ --- 6906333 FDSN CZ -- BUD iLoc HHN ??? _

```

```

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

```

```

KRUC 0.84 319.1 Lg 09:08:00.630 -1.4 T__ --- 6906334 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.04 241.7 Lg 09:08:07.813 0.2 T__ --- 6906335 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/03 09:18:04.70 0.91 1.53 48.5181 19.3197 7.2 3.1 16 0.0f 14 10 139 0.32 1.37 sx BUD 17002456 BUD 163

```

Magnitude Err Nsta Author OrigID  
ML 1.6 0.3 4 BUD 17002456

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.32 265.9 Pg 09:18:12.521 1.1 T__ 51.2 --- ML 0.9 6906363 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.32 265.9 Lg 09:18:16.303 -0.1 T__ --- 6906370 FDSN SK -- BUD iLoc HHN ??? _

```

```

(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1

```

```

PSZ 0.71 147.1 Pg 09:18:19.320 -0.5 T__ 36.8 --- ML 1.5 6906362 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.71 147.1 Lg 09:18:30.590 -0.2 T__ --- 6906372 FDSN GE -- BUD iLoc HHN ??? _

```

```

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

```

```

ET1H 0.74 149.8 Lg 09:18:31.343 0.1 T__ --- 6906364 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.78 92.1 Lg 09:18:31.060 -0.7 T__ --- 6906371 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.81 91.1 Pg 09:18:22.466 1.7 T__ 73.5 --- ML 1.8 6906365 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.81 91.1 Lg 09:18:31.883 -1.1 T__ --- 6906366 FDSN ZJ -- BUD iLoc HHE ??? _

```

```

(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

HU02A 0.90 115.8 Pg 09:18:24.281 1.1 T__ 45.7 --- ML 1.7 6906367 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.90 115.8 Lg 09:18:34.933 -2.0 T__ --- 6906374 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

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

```

```

A331A 0.96 311.5 Lg 09:18:36.177 -0.6 T__ --- 6906375 FDSN Z3 00 BUD iLoc HHN ??? _

```

JAVC	1.14	288.0	Lg	09:18:41.680	-3.5	T__	---	6906373	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ABAH	1.30	99.1	Sn	09:18:48.071	-0.1	T__	---	6906368	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.37	264.7	Sn	09:18:49.395	-1.2	T__	---	6906369	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/03	09:23:22.75	4.53	1.78	46.9005	22.7005	29.7	23.6	35	0.0f	6	5	283	0.11	1.63	sx	BUD	17002458	BUD				307

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.11	176.2	Pg	09:23:25.371	0.1					T__		180.6		---	ML	0.9	6906397	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.11	176.2	Lg	09:23:27.609	0.0					T__				---		6906398	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
SIRR	0.96	229.0	Lg	09:23:55.671	-0.2					T__				---		6906399	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.49	210.7	Sn	09:24:11.342	0.7					T__				---		6906401	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.51	178.0	Sn	09:24:10.025	-1.7					T__				---		6906400	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.63	152.5	Sn	09:24:12.726	-2.5					T__				---		6906402	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/03	09:43:32.27	1.13	0.94	48.9969	21.2459	8.8	4.6	161	0.0f	11	8	150	0.68	1.45	sx	BUD	17002460	BUD				230

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.68	95.0	Pg	09:43:45.977	0.7					T__				---		6906445	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.68	95.0	Lg	09:43:54.313	-2.0					T__				---		6906446	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.69	223.3	Pg	09:43:45.736	-0.1					T__		55.0		---	ML	1.6	6906443	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	223.3	Lg	09:43:56.079	-0.0					T__				---		6906447	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.70	180.3	Lg	09:43:57.030	-0.7					T__				---		6906448	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.72	224.7	Pg	09:43:47.293	0.7					T__		201.3		---	ML	2.2	6906450	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.72	224.7	Lg	09:43:57.019	-0.3					T__				---		6906449	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
NIE	0.75	304.6	Lg	09:43:56.340	-0.8					T__				---		6906444	FDSN	PL	--	BUD	iLoc	BHN	???	_	
TRPA	1.22	134.8	Lg	09:44:13.139	-0.8					T__				---		6906451	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.41	220.3	Sn	09:44:19.038	0.0					T__				---		6906453	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.45	219.8	Sn	09:44:19.822	0.3					T__				---		6906452	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/03	22:50:17.08	2.00	0.38	47.2991	18.1160	11.0	5.0	19	7.1	12.6	10	5	228	0.06	0.19	ke	BUD	17002470	BUD			277

Magnitude Err Nsta Author OrigID  
ML 0.6 0.1 5 BUD 17002470

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.06	87.2	Pg	22:50:19.370	0.2					T__		513.9		_c_	ML	1.2	6906797	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

MSW2	0.06	87.2	Lg	22:50:20.631	-0.4	T__								6906794	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																						
(Station ML: 1.2 magdef=0)																						
MSW3	0.08	4.7	Pg	22:50:19.739	0.3	T__	91.3	_d_	ML	0.5	6906798	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
MSW3	0.08	4.7	Lg	22:50:21.303	-0.2	T__					6906796	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 0.5 magdef=1)																						
(Station ML: 0.5 magdef=1)																						
CSKK	0.12	56.9	Pg	22:50:20.233	0.2	T__	102.1	___	ML	0.6	6906799	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
CSKK	0.12	56.9	Lg	22:50:22.597	0.0	T__					6906800	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 0.6 magdef=1)																						
(Station ML: 0.6 magdef=1)																						
MSW1	0.14	46.0	Pg	22:50:20.486	0.2	T__	98.5	_d_	ML	0.7	6906795	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_			
MSW1	0.14	46.0	Lg	22:50:22.578	-0.6	T__					6906801	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 0.7 magdef=1)																						
(Station ML: 0.7 magdef=1)																						
HU08A	0.19	315.4	Pg	22:50:21.357	0.1	T__	29.7	___	ML	0.3	6906802	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_			
HU08A	0.19	315.4	Lg	22:50:24.311	-0.3	T__					6906803	FDSN	ZJ	00	BUD	iLoc	HHE	???	_			
(Reading ML: 0.3 magdef=1)																						
(Station ML: 0.3 magdef=0)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/04	11:58:22.42	1.35	0.87	47.5939	16.3845	8.5	4.7	140	0.0f	8	7	184	0.12	1.47	sx	BUD	17002472	BUD				200

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.12	330.6	Pg	11:58:25.751	0.5					T__		175.9		_c_	ML	0.9	6906966	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	330.6	Lg	11:58:26.859	-0.5					T__				___		6906967	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
SOP	0.15	52.7	Lg	11:58:28.657	0.4					T__				___		6906968	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A011B	0.34	237.4	Lg	11:58:32.905	-0.8					T__				___		6906969	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
CONA	0.49	313.7	Lg	11:58:38.327	-0.4					T__				___		6906970	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.68	239.9	Lg	11:58:44.038	-0.1					T__				___		6906971	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.98	37.2	Lg	11:58:56.094	-1.5					T__				___		6906972	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.47	0.3	Sn	11:59:09.777	0.2					T__				___		6906973	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/06	08:04:14.04	1.14	2.16	46.9195	22.3155	10.5	4.7	0	0.0f	19	10	83	0.30	2.02	sx	BUD	17002476	BUD					119

Magnitude Err Nsta Author OrigID  
ML 2.0 0.5 9 BUD 17002476

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.30	115.1	Pg	08:04:20.197	-0.1					T__		267.0		_c_	ML	1.6	6907556	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.30	115.1	Lg	08:04:24.801	-0.6					T__				___		6907570	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU24A	0.79	269.7	Pg	08:04:29.531	-1.3					T__		297.6		___	ML	2.4	6907567	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.4 magdef=1)																									

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(Station ML: 2.4 magdef=1
SIRR 0.79 215.0 Pg 08:04:30.757 0.6 T__ 44.5 ___ ML 1.6 6907565 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.79 215.0 Lg 08:04:41.254 -1.0 T__ ___ 6907566 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CJR 0.90 102.7 Pg 08:04:31.582 -0.2 T__ 351.7 ___ ML 2.5 6907557 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.90 102.7 Lg 08:04:44.348 -1.2 T__ ___ 6907571 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
DEV 1.11 158.4 Pn 08:04:36.737 0.8 T__ 328.7 ___ ML 2.6 6907558 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 1.11 158.4 Lg 08:04:50.477 -0.4 T__ ___ 6907559 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
BZS 1.39 200.7 Pn 08:04:39.989 0.2 T__ 38.6 ___ ML 1.9 6907568 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.39 200.7 Sn 08:04:58.772 -0.7 T__ ___ 6907573 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ARCR 1.40 82.5 Pn 08:04:40.067 -0.1 T__ 131.8 ___ ML 2.4 6907572 FDSN RO -- BUD iLoc HHZ HHZ _
ARCR 1.40 82.5 Sn 08:04:58.608 -1.8 T__ ___ 6907560 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
GZR 1.56 168.0 Pn 08:04:43.499 1.0 T__ 46.2 ___ ML 2.0 6907569 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.56 168.0 Sn 08:05:05.650 1.5 T__ ___ 6907574 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 1.98 323.4 Pn 08:04:51.920 4.1 T__ 26.8 ___ ML 2.0 6907563 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.98 323.4 Sn 08:05:18.472 5.0 T__ ___ 6907564 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOLS 2.02 359.2 Pn 08:04:52.161 3.5 T__ ___ 6907561 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 2.02 359.2 Sn 08:05:18.250 2.7 T__ ___ 6907562 FDSN SK -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/06 09:19:14.27 0.93 1.38 48.5887 21.3083 4.4 3.9 169 0.0f 18 10 99 0.30 2.03 sx BUD 17002480 BUD 161

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 17002480

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.30 188.9 Pg 09:19:21.069 0.5 T__ 127.9 ___ ML 1.2 6907712 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.30 188.9 Lg 09:19:25.004 -0.9 T__ ___ 6907715 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
JOS 0.52 260.0 Pg 09:19:25.353 0.7 T__ 71.1 ___ ML 1.6 6907707 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 260.0 Lg 09:19:31.801 -0.8 T__ ___ 6907709 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.56 259.4 Pg 09:19:26.135 0.7 T__ 202.4 ___ ML 2.1 6907717 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.56 259.4 Lg 09:19:33.484 -0.4 T__ ___ 6907716 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 0.70 228.5 Pg 09:19:29.169 0.3 T__ 46.4 ___ ML 1.6 6907708 FDSN ZJ 00 BUD iLoc HHZ HHZ _

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HU02A  0.70 228.5 Lg      09:19:38.760 -1.0      T__          ---          6907719   FDSN  ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.6 magdef=1
(Station ML:  1.6 magdef=1
KOLS   0.73  61.3 Pg      09:19:28.867   0.6      T__          ---          6907710   FDSN  SK      -- BUD  iLoc  HHZ ??? _
KOLS   0.73  61.3 Lg      09:19:37.630 -2.4      T__          ---          6907718   FDSN  SK      -- BUD  iLoc  HHN ??? _
TRPA   0.94 118.7 Pg      09:19:33.107   0.6      T__          85.7        --- ML     2.0 6907721   FDSN  HU      -- BUD  iLoc  HHZ HHZ _
TRPA   0.94 118.7 Lg      09:19:46.110 -1.5      T__          ---          6907720   FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
NIE    1.06 321.7 Pg      09:19:35.296   1.0      T__          26.6        --- ML     1.5 6907714   FDSN  PL      -- BUD  iLoc  BHZ BHZ _
NIE    1.06 321.7 Lg      09:19:48.371 -1.9      T__          ---          6907722   FDSN  PL      -- BUD  iLoc  BHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
PSZ    1.16 235.2 Sn      09:19:53.270 -1.6      T__          ---          6907723   FDSN  GE      -- BUD  iLoc  HHN ??? _
ET1H   1.19 234.1 Sn      09:19:53.574 -1.7      T__          ---          6907713   FDSN  HU      -- BUD  iLoc  HHN ??? _
DRGR   2.03 151.7 Pg      09:19:54.725   1.1      T__          44.9        --- ML     2.3 6907711   FDSN  RO      -- BUD  iLoc  HHZ HHZ _
DRGR   2.03 151.7 Sn      09:20:18.144   2.1      T__          ---          6907724   FDSN  RO      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.3 magdef=1
(Station ML:  2.3 magdef=0

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/06 16:39:54.40  0.99  0.82  47.5909  16.3884  5.4  3.8 176  0.0f      13  10 120  0.13  1.47  sx BUD      17002484  BUD      186

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Magnitude  Err Nsta Author      OrigID
ML         1.3 0.6   3 BUD      17002484

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh  L
RONA 0.13 330.3 Pg      16:39:57.364  0.1      T__          444.1  _c_ ML     1.3 6907834   FDSN  OE      -- BUD  iLoc  HHZ HHZ _
RONA 0.13 330.3 Lg      16:39:58.908 -0.5      T__          ---          6907835   FDSN  OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1
SOP   0.15 51.1 Pg      16:39:58.431  0.7      T__          142.6  --- ML     0.9 6907837   FDSN  HU      -- BUD  iLoc  HHZ HHZ _
SOP   0.15 51.1 Lg      16:40:00.592  0.4      T__          ---          6907836   FDSN  HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  0.9 magdef=1
(Station ML:  0.9 magdef=1
AO11B 0.34 238.1 Lg      16:40:05.018 -0.7      T__          ---          6907838   FDSN  Z3      00 BUD  iLoc  HH2 ??? _
CONA  0.49 313.7 Lg      16:40:10.461 -0.4      T__          ---          6907839   FDSN  OE      -- BUD  iLoc  HHN ??? _
ARSA  0.68 240.2 Lg      16:40:15.878 -0.2      T__          ---          6907840   FDSN  OE      -- BUD  iLoc  HHN ??? _
AO13A 0.81 305.9 Lg      16:40:20.808  0.2      T__          ---          6907841   FDSN  Z3      00 BUD  iLoc  HHN ??? _
MPLH  0.89 117.9 Lg      16:40:24.178 -1.2      T__          ---          6907843   FDSN  HU      -- BUD  iLoc  HHN ??? _
AO18A 0.90 280.3 Lg      16:40:24.330  1.2      T__          ---          6907842   FDSN  Z3      00 BUD  iLoc  HHN ??? _
MODS  0.98  37.0 Lg      16:40:28.143 -1.5      T__          ---          6907844   FDSN  SK      -- BUD  iLoc  HHN ??? _
KRUC  1.47  0.2 Pn      16:40:21.364 -0.3      T__          38.0     --- ML     1.9 6907846   FDSN  CZ      -- BUD  iLoc  HHZ HHZ _
KRUC  1.47  0.2 Sn      16:40:41.278 -0.3      T__          ---          6907845   FDSN  CZ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/07 08:17:03.89  1.00  0.78  45.9592  22.7354  5.6  4.7  40  0.0f      10   5 124  0.14  0.89  sx BUD      17002488  BUD      236

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Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 5 BUD 17002488

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.14	122.9	Pg	08:17:07.090	0.5					T__		775.9		---	ML	1.6	6908420	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.14	122.9	Lg	08:17:07.833	-0.7					T__				---		6908429	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
GZR	0.57	177.1	Pg	08:17:15.143	0.3					T__		41.1		---	ML	1.4	6908421	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.57	177.1	Lg	08:17:23.211	0.3					T__				---		6908428	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
DRGR	0.83	358.9	Pg	08:17:20.987	0.4					T__		55.0		---	ML	1.7	6908425	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.83	358.9	Lg	08:17:32.625	-0.6					T__				---		6908424	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
BZS	0.85	246.8	Pg	08:17:20.441	-0.2					T__		35.5		---	ML	1.5	6908427	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.85	246.8	Lg	08:17:32.510	-0.2					T__				---		6908423	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
LOT	0.89	124.8	Pg	08:17:20.623	-0.3					T__		58.7		---	ML	1.8	6908426	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.89	124.8	Lg	08:17:32.287	-1.6					T__				---		6908422	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	08:27:38.57	0.87	0.76	48.4810	17.5093	5.1	2.9	134	0.0f		15	10	135	0.19	1.79	sx	BUD	17002490	BUD			208

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 4 BUD 17002490

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.19	235.3	Pg	08:27:43.212	0.3					T__				---		6908466	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	235.3	Lg	08:27:45.519	-1.1					T__				---		6908478	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.39	15.7	Pg	08:27:46.692	-0.3					T__		118.2		---	ML	1.5	6908467	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.39	15.7	Lg	08:27:52.440	-1.1					T__				---		6908480	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
ZST	0.39	223.7	Lg	08:27:51.965	-1.3					T__				---		6908479	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	0.88	88.7	Pg	08:27:56.950	0.5					T__		15.2		---	ML	1.2	6908470	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.88	88.7	Lg	08:28:08.915	-0.3					T__				---		6908469	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KRUC	0.94	308.7	Lg	08:28:10.632	0.2					T__				---		6908471	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VRAC	1.03	324.2	Lg	08:28:13.163	0.1					T__				---		6908472	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.13	226.6	Pg	08:28:00.905	0.0					T__		26.2		---	ML	1.5	6908474	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.13	226.6	Lg	08:28:15.694	0.1					T__				---		6908473	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
CONA	1.23	244.0	Pn	08:28:03.277	0.5					T__		32.2		---	ML	1.7	6908475	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.23	244.0	Lg	08:28:19.434	0.7					T__				---		6908468	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

(Station ML: 1.7 magdef=1)

MORC	1.30	0.9	Lg	08:28:22.021	1.2	T__	---	6908476	FDSN	CZ	--	BUD	iLoc	HHN	???	_
A018A	1.79	246.5	Sn	08:28:34.279	0.2	T__	---	6908477	FDSN	Z3	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	08:40:00.02	1.27	0.56	48.4412	20.7902	8.4	5.6	27	0.0f	8	6	187	0.18	0.83	sx	BUD	17002492	BUD				280

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.18	288.2	Pg	08:40:04.012	0.3					T__		227.8		_c_	ML	1.1	6908505	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.18	288.2	Lg	08:40:06.187	-0.5					T__				---		6908507	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
KECS	0.21	281.8	Pg	08:40:04.557	0.2					T__		418.4		---	ML	1.5	6908509	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.21	281.8	Lg	08:40:07.443	-0.4					T__				---		6908508	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
ABAH	0.33	115.7	Lg	08:40:12.721	-0.2					T__				---		6908510	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU02A	0.37	209.1	Lg	08:40:13.282	-0.8					T__				---		6908506	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.80	229.2	Lg	08:40:29.032	0.1					T__				---		6908511	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.83	227.9	Lg	08:40:30.441	0.6					T__				---		6908512	FDSN	HU	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	08:59:42.06	1.40	1.24	48.5233	20.8251	9.9	5.6	6	0.0f	9	8	156	0.19	1.32	sx	BUD	17002496	BUD				219

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
JOS	0.19	261.9	Pg	08:59:46.506	0.4					T__		248.3		---	ML	1.2	6908564	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.19	261.9	Lg	08:59:49.116	-0.2					T__				---		6908565	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1)																										
(Station ML: 1.2 magdef=0)																										
KECS	0.23	260.0	Lg	08:59:50.248	-0.3					T__				---		6908566	FDSN	SK	--	BUD	iLoc	EHN	???	_		
ABAH	0.36	129.3	Lg	08:59:55.966	0.2					T__				---		6908567	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU02A	0.45	206.6	Lg	08:59:58.965	0.0					T__				---		6908568	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.87	226.1	Lg	09:00:12.438	-1.0					T__				---		6908569	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.91	225.1	Lg	09:00:13.616	-0.7					T__				---		6908570	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KOLS	1.04	66.3	Lg	09:00:16.575	-1.6					T__				---		6908571	FDSN	SK	--	BUD	iLoc	HHN	???	_		
VYHS	1.32	269.5	Sn	09:00:24.419	-2.2					T__				---		6908572	FDSN	SK	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	09:06:19.11	1.00	0.58	47.8871	16.0958	7.9	3.9	24	0.0f	6	4	133	0.16	0.93	sx	BUD	17002498	BUD				219

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.16	284.7	Pg	09:06:23.002	0.4					T__		105.9		---	ML	0.8	6908589	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	284.7	Lg	09:06:24.268	-0.8					T__				---		6908591	FDSN	OE	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA 0.23 144.1 Pg 09:06:24.183 0.2 T__ 56.3 ___ ML 0.7 6908590 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.23 144.1 Lg 09:06:27.267 -0.2 T__ ___ 6908592 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
A018A 0.70 258.6 Lg 09:06:41.263 -0.3 T__ ___ 6908593 FDSN Z3 00 BUD iLoc HHN ??? _
MODS 0.93 58.0 Lg 09:06:52.054 -0.3 T__ ___ 6908594 FDSN SK -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	09:35:53.58	0.93	0.89	48.5364	17.4443	6.8	3.2	125	0.0f		9	7	121	0.20	1.22	sx	BUD	17002500	BUD			189

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
MODS	0.20	214.4	Pg	09:35:58.365	0.2					T__						6908615	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
MODS	0.20	214.4	Lg	09:36:00.817	-1.1					T__						6908617	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_		
JAVC	0.36	24.8	Pg	09:36:01.540	0.3					T__		91.3				6908616	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	0.36	24.8	Lg	09:36:06.364	-0.9					T__						6908618	FDSN	CZ	--	BUD	iLoc	HHN	HHZ	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0)																										
ZST	0.41	213.9	Lg	09:36:07.637	-1.2					T__						6908619	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_		
KRUC	0.87	307.6	Lg	09:36:22.737	-0.4					T__						6908620	FDSN	CZ	--	BUD	iLoc	HHN	HHZ	_		
VYHS	0.93	92.1	Lg	09:36:25.817	0.1					T__						6908621	FDSN	SK	--	BUD	iLoc	HHN	HHZ	_		
RONA	1.14	223.0	Lg	09:36:31.375	0.5					T__						6908622	FDSN	OE	--	BUD	iLoc	HHN	HHZ	_		
CONA	1.22	240.7	Lg	09:36:34.289	0.9					T__						6908623	FDSN	OE	--	BUD	iLoc	HHN	HHZ	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	10:31:02.51	1.93	0.95	47.8804	20.1547	19.2	4.7	157	0.0f		8	6	209	0.18	0.84	kx	BUD	17002502	BUD			224
2021/09/07	10:31:02.41	0.97	0.85	47.8650	20.1529f				0.0f		8	6	215	0.18	0.85	kx	BUD_GT	17002503	BUD_GT			230

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
PSZ	0.18	287.2	Pg	10:31:07.197	0.3					T__		457.9				6908642	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	0.18	287.2	Lg	10:31:09.953	-0.6					T__						6908647	FDSN	GE	--	BUD	iLoc	HHN	HHZ	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
ET1H	0.19	274.4	Pg	10:31:07.605	0.7					T__		385.7				6908644	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ET1H	0.19	274.4	Lg	10:31:09.898	-0.5					T__						6908643	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																										
HU02A	0.36	44.0	Lg	10:31:15.430	-1.0					T__						6908645	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_		
HU03A	0.37	276.2	Lg	10:31:15.808	-0.7					T__						6908646	FDSN	ZJ	00	BUD	iLoc	HHN	HHZ	_		
JOS	0.68	22.1	Lg	10:31:26.761	0.3					T__						6908648	FDSN	ZJ	--	BUD	iLoc	HHN	HHZ	_		
ABAH	0.85	59.0	Lg	10:31:31.453	-1.6					T__						6908649	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	10:36:31.15	2.64	0.38	48.3931	20.6851	19.7	5.6	88	0.0f	7	5	244	0.14	0.75	kx	BUD	17002504	BUD				270
2021/09/07	10:36:29.84	0.99	1.38	48.4470	20.7870f				0.0f	7	5	281	0.17	0.84	kx	BUD_GT	17002505	BUD_GT				300

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	286.6	Pg	10:36:34.254	0.8					T__		148.3		___	ML	0.9	6908690	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	286.6	Lg	10:36:36.429	0.0					T__				---		6908691	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
KECS	0.20	280.3	Pg	10:36:35.005	0.9					T__		1525.1		___	ML	2.0	6908693	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	280.3	Lg	10:36:37.101	-0.4					T__				---		6908692	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
HU02A	0.37	208.4	Lg	10:36:42.471	-1.5					T__				---		6908694	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.80	228.8	Lg	10:36:56.739	-2.1					T__				---		6908695	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.84	227.5	Lg	10:36:57.911	-1.8					T__				---		6908696	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	10:38:45.95	4.25	0.65	47.9820	16.0956	36.6	4.9	20	0.0f	5	3	263	0.17	0.73	sx	BUD	17002506	BUD				359

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	251.2	Pg	10:38:49.379	-0.1					T__		76.0		___	ML	0.6	6908715	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	251.2	Lg	10:38:51.712	-0.3					T__				---		6908716	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																									
RONA	0.31	154.4	Pg	10:38:52.516	0.1					T__		40.0		___	ML	0.8	6908718	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.31	154.4	Lg	10:38:56.629	-0.2					T__				---		6908717	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																									
A018A	0.73	251.2	Lg	10:39:09.997	0.8					T__				---		6908719	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	10:50:13.77	0.96	1.05	47.8496	19.1410	10.0	3.0	176	0.0f	10	7	180	0.08	1.14	kx	BUD	17002508	BUD				256
2021/09/07	10:50:13.59	0.90	1.02	47.8355	19.1270f				0.0f	10	7	192	0.07	1.15	kx	BUD_GT	17002509	BUD_GT				258

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

Magnitude Err Nsta Author OrigID  
ML 1.5 0.3 4 BUD\_GT 17002509

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	277.6	Pg	10:50:16.410	0.8					T__		866.4		___	ML	1.4	6908746	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	10:50:17.161	-0.3					T__				---		6908747	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									

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(Station ML: 1.4 magdef=1
HU03A 0.33 77.7 Pg 10:50:21.432 0.7 T__ 96.7 --- ML 1.2 6908749 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.33 77.7 Lg 10:50:25.386 -0.6 T__ --- 6908748 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ET1H 0.50 84.8 Lg 10:50:31.476 -0.8 T__ --- 6908750 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.52 80.6 Lg 10:50:32.029 -1.4 T__ --- 6908751 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.69 343.6 Lg 10:50:37.328 -0.5 T__ --- 6908752 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.98 72.5 Pn 10:50:33.769 0.1 T__ 37.0 --- ML 1.6 6908745 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 72.5 Lg 10:50:47.214 -2.2 T__ --- 6908744 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 1.15 54.5 Pg 10:50:36.616 0.2 T__ 47.2 --- ML 1.8 6908753 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	11:21:05.86	1.00	0.92	47.0961	17.9943	5.7	3.6	128	0.0f	12	7	163		0.21	0.35	sx	BUD	17002510	BUD			248

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	6 BUD	17002510

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.21	199.5	Pg	11:21:11.061	0.5					T__		1030.3		---	ML	1.9	6908786	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																									
MSW2	0.25	35.5	Pg	11:21:11.617	0.1					T__		138.0		---	ML	1.1	6908787	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.25	35.5	Lg	11:21:15.717	-0.7					T__				---			6908788	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1)																									
MSW3	0.30	17.3	Lg	11:21:16.752	-1.2					T__				---			6908796	FDSN	HU	--	BUD	iLoc	HHE	???	_
MPLH	0.32	283.6	Pg	11:21:13.285	0.5					T__		99.7		---	ML	1.2	6908790	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.32	283.6	Lg	11:21:17.280	-1.0					T__				---			6908789	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									
CSKK	0.32	34.1	Pg	11:21:13.910	1.1					T__		126.5		---	ML	1.3	6908791	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.32	34.1	Lg	11:21:17.801	-1.1					T__				---			6908792	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																									
HU08A	0.34	351.9	Pg	11:21:14.049	0.9					T__		75.8		---	ML	1.1	6908793	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.34	351.9	Lg	11:21:18.698	-0.5					T__				---			6908797	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																									
MSW1	0.35	31.2	Pg	11:21:14.015	0.7					T__		119.6		---	ML	1.3	6908794	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.35	31.2	Lg	11:21:19.052	-0.6					T__				---			6908795	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/07	11:25:34.00	0.96	0.85	47.9638	16.6539	8.8	3.3	139	0.0f	12	10	170		0.36	1.78	sx	BUD	17002512	BUD			177

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.36	222.5	Pg	11:25:41.372	0.0					T__		47.4		___	ML	1.0	6908831	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.36	222.5	Lg	11:25:45.643	-0.7					T__				---		6908830	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=0)																					
ZST	0.38	52.1	Lg	11:25:47.973	-0.4					T__				---		6908832	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	0.53	266.5	Lg	11:25:51.426	-0.4					T__				---		6908833	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.59	45.3	Pg	11:25:46.947	0.8					T__				---		6908835	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.59	45.3	Lg	11:25:54.539	-1.0					T__				---		6908834	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A013A	0.84	277.3	Lg	11:26:01.289	0.1					T__				---		6908836	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	1.05	227.4	Lg	11:26:07.733	0.4					T__				---		6908837	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	1.08	258.9	Lg	11:26:09.176	0.6					T__				---		6908829	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.11	351.2	Lg	11:26:10.777	-1.0					T__				---		6908838	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
JAVC	1.12	36.7	Sn	11:26:12.354	-1.6					T__				---		6908839	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.78	299.6	Sn	11:26:28.876	-0.3					T__				---		6908840	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/08	07:52:43.88	0.87	1.41	47.6868	18.4584	3.8	2.9	113	0.0f		15	10	57	0.07	1.48	sx	BUD	17002516	BUD			107

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	17002516

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.07	226.8	Pg	07:52:46.647	0.8					T__		3345.9		___	ML	2.0	6909200	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.07	226.8	Lg	07:52:47.866	0.0					T__				---		6909201	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
SR0	0.16	322.3	Pg	07:52:48.266	0.7					T__		5854.6		___	ML	2.5	6909207	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.16	322.3	Lg	07:52:50.117	-0.8					T__				---		6909208	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.5 magdef=1)																					
				(Station ML: 2.5 magdef=0)																					
CSKK	0.35	202.6	Pg	07:52:52.363	1.1					T__		281.9		___	ML	1.7	6909205	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.35	202.6	Lg	07:52:56.295	-1.3					T__				---		6909206	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=0)																					
HU10A	0.41	67.0	Pg	07:52:54.244	1.6					T__		284.6		___	ML	1.9	6909202	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					
BUD	0.43	117.8	Lg	07:52:57.529	-3.0					T__				---		6909199	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.44	235.0	Lg	07:52:59.812	-0.8					T__				---		6909209	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.85	17.3	Lg	07:53:12.321	-1.3					T__				---		6909212	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	1.05	311.4	Pn	07:53:05.264	0.1					T__				---		6909211	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.05	311.4	Lg	07:53:19.735	-1.5					T__				---		6909210	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	1.46	271.3	Sn	07:53:30.902	-0.5					T__				---		6909204	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORH	1.48	175.0	Pn	07:53:10.011	-0.5					T__		34.5		___	ML	1.9	6909203	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.48	175.0	Sn	07:53:29.965	-1.6					T__				---		6909213	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/08	08:07:23.43	1.76	1.13	47.8164	19.9453	11.0	5.0	0	0.0f	11	8	182	0.08	1.01	sx	BUD	17002518	BUD				239

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	3 BUD	17002518

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.08	321.6	Pg	08:07:26.369	0.7					T__		1499.3		___	ML	1.7	6909245	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.08	321.6	Lg	08:07:26.923	-0.7					T__				---		6909246	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	0.11	341.5	Pg	08:07:27.172	0.8					T__		922.2		___	ML	1.6	6909250	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.11	341.5	Lg	08:07:27.947	-1.1					T__				---		6909247	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU03A	0.25	290.7	Lg	08:07:32.462	-0.8					T__				---		6909251	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.50	51.6	Lg	08:07:41.041	-1.1					T__				---		6909252	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.76	28.3	Pg	08:07:39.699	1.0					T__		100.1		___	ML	1.9	6909254	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.76	28.3	Lg	08:07:49.557	-0.6					T__				---		6909253	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.79	30.1	Lg	08:07:50.778	-0.4					T__				---		6909248	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU05A	0.85	107.8	Lg	08:07:52.643	-1.7					T__				---		6909255	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	1.01	312.8	Lg	08:07:57.410	-1.1					T__				---		6909249	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/08	08:46:51.37	1.06	1.03	48.0237	19.6504	5.4	4.1	159	0.0f	8	5	128	0.12	0.72	kx	BUD	17002520	BUD				244
2021/09/08	08:46:51.41	0.94	0.99	48.0061	19.6278f				0.0f	8	5	125	0.10	0.72	kx	BUD_GT	17002521	BUD_GT				248

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD_GT	17002521

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.10	190.5	Pg	08:46:55.037	1.0					T__		561.8		___	ML	1.3	6909282	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	08:46:56.034	-0.1					T__				---		6909281	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.20	116.0	Pg	08:46:56.709	0.5					T__		187.3		___	ML	1.1	6909279	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	08:46:59.146	-0.9					T__				---		6909283	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ET1H	0.21	127.7	Lg	08:46:58.782	-1.1					T__				---		6909280	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.61	78.7	Pg	08:47:04.674	0.4					T__		35.2		___	ML	1.4	6909285	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.61	78.7	Lg	08:47:12.539	-1.6					T__				---		6909284	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VYHS	0.72	313.0	Lg	08:47:15.780	-0.9					T__				---		6909286	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/08	09:59:31.43	0.88	1.22	48.4161	17.2818	4.9	2.9	110	0.0f	13	9	98	0.04	1.37	sx	BUD	17002522	BUD				153

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.04	183.9	Pg	09:59:33.453	0.5					T__						6909353	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.04	183.9	Lg	09:59:34.689	0.1					T__						6909346	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.25	208.6	Pg	09:59:37.593	0.6					T__						6909354	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.25	208.6	Lg	09:59:39.232	-2.1					T__						6909347	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.51	30.1	Pg	09:59:43.217	1.0					T__		99.3			ML	1.7	6909349	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.51	30.1	Lg	09:59:49.420	-1.1					T__						6909348	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KRUC	0.87	318.1	Pg	09:59:48.270	0.1					T__		45.8			ML	1.6	6909355	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.87	318.1	Lg	10:00:01.422	0.3					T__						6909356	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
RONA	0.98	223.0	Lg	10:00:03.654	0.1					T__						6909357	FDSN	OE	--	BUD	iLoc	HHN	???	_	
VYHS	1.04	85.1	Lg	10:00:06.350	-1.0					T__						6909345	FDSN	SK	--	BUD	iLoc	HHN	???	_	
CONA	1.07	243.3	Lg	10:00:07.113	0.8					T__						6909351	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO13A	1.30	255.0	Lg	10:00:11.356	-2.0					T__						6909350	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORC	1.37	7.1	Lg	10:00:14.679	-1.4					T__						6909352	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/08	12:20:18.00	0.88	1.54	47.5623	18.4092	4.9	2.3	107	0.0f	20	13	135	0.08	1.11	kx	BUD	17002524	BUD				137
2021/09/08	12:20:17.79	0.84	1.50	47.5600	18.4573f				0.0f	20	13	142	0.09	1.14	kx	BUD_GT	17002525	BUD_GT				143

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	7 BUD_GT	17002525

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.09	327.2	Pg	12:20:21.609	1.4					T__		2126.2			ML	1.9	6909632	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	12:20:22.301	-0.3					T__						6909631	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MSW1	0.21	218.9	Pg	12:20:23.498	0.9					T__		188.9			ML	1.2	6909641	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.21	218.9	Lg	12:20:25.895	-1.0					T__						6909642	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
CSKK	0.24	214.2	Pg	12:20:23.852	0.8					T__		377.4			ML	1.5	6909629	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	12:20:26.624	-1.1					T__						6909630	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
SRO	0.27	339.1	Pg	12:20:24.877	1.2					T__		1468.6			ML	2.2	6909634	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.27	339.1	Lg	12:20:28.034	-0.7					T__						6909633	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									

MSW3	0.29	231.9	Pg	12:20:24.857	0.9	T__	157.0	___	ML	1.3	6909644	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.29	231.9	Lg	12:20:27.973	-1.3	T__		---			6909643	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
MSW2	0.31	213.1	Pg	12:20:25.456	1.1	T__	144.2	___	ML	1.3	6909645	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.31	213.1	Lg	12:20:28.812	-1.2	T__		---			6909646	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
HU10A	0.47	52.8	Lg	12:20:35.870	0.1	T__		---			6909635	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.74	238.3	Lg	12:20:42.877	-0.9	T__		---			6909636	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	0.97	15.1	Pn	12:20:38.418	0.7	T__	18.0	---	ML	1.3	6909637	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	12:20:50.626	-1.0	T__		---			6909647	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
ET1H	1.01	71.0	Lg	12:20:53.321	-0.5	T__		---			6909638	FDSN	HU	--	BUD	iLoc	HHE	???	_
PSZ	1.03	69.2	Lg	12:20:54.428	-0.7	T__		---			6909639	FDSN	GE	--	BUD	iLoc	HHN	???	_
ZST	1.11	305.4	Lg	12:20:52.025	-4.9	T__		---			6909648	FDSN	SK	--	BUD	iLoc	HHE	???	_
MODS	1.14	316.2	Sn	12:20:55.924	-1.9	T__		---			6909640	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/08	14:24:07.17	0.96	0.88	47.8874	16.4533	6.7	3.7	127	0.0f		9	5	161	0.22	1.18	sx	BUD	17002528	BUD			211

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.5	3 BUD	17002528

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.22	209.5	Pg	14:24:11.821	0.1					T__		53.8		___	ML	0.6	6909905	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.22	209.5	Lg	14:24:13.949	-1.0					T__				---		6909906	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
CONA	0.40	276.1	Pg	14:24:15.429	0.2					T__		35.7		___	ML	1.0	6909902	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.40	276.1	Lg	14:24:20.830	0.1					T__				---		6909907	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
MODS	0.74	48.3	Pg	14:24:23.138	0.8					T__				---		6909908	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.74	48.3	Lg	14:24:32.992	-0.9					T__				---		6909903	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	0.90	225.0	Lg	14:24:36.810	1.1					T__				---		6909909	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.18	358.1	Pg	14:24:29.461	-0.3					T__		34.7		___	ML	1.7	6909904	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.18	358.1	Lg	14:24:46.135	-1.0					T__				---		6909910	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/09/09	06:22:48.08	1.59	0.93	48.2423	21.2052	15.1	5.2	150	0.0f		7	5	232	0.06	1.52	kx	BUD	17002532	BUD					315
2021/09/09	06:22:47.84	1.00	0.97	48.2470	21.2460f				0.0f		7	5	260	0.05	1.55	kx	BUD_GT	17002533	BUD_GT					317

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

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	06:22:50.188	0.8					T__		201.9		---	ML	0.7	6910233	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	06:22:50.604	-0.4					T__				---		6910234	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU02A	0.50	255.8	Pg	06:22:58.507	0.1					T__		33.1		---	ML	1.2	6910236	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	06:23:04.489	-2.0					T__				---		6910235	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
JOS	0.53	298.1	Lg	06:23:06.213	-0.5					T__				---		6910237	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.56	295.3	Lg	06:23:07.032	-0.6					T__				---		6910238	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU10A	1.55	255.8	Sn	06:23:37.418	0.3					T__				---		6910239	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/09	07:19:39.47	1.97	1.54	48.1055	21.3819	13.6	8.5	1	0.0f		7	5	184	0.21	0.78	sx	BUD	17002534	BUD			298

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.21	333.5	Pg	07:19:44.909	0.7					T__		246.2		---	ML	1.3	6910357	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.21	333.5	Lg	07:19:47.235	-1.1					T__				---		6910356	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.57	272.0	Lg	07:19:59.575	-1.2					T__				---		6910358	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.68	305.1	Pg	07:19:53.953	0.8					T__		50.3		---	ML	1.6	6910359	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	305.1	Lg	07:20:02.468	-1.1					T__				---		6910361	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.71	302.6	Lg	07:20:03.422	-1.0					T__				---		6910360	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.78	87.7	Lg	07:20:05.987	-1.9					T__				---		6910362	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/09	08:10:13.33	1.43	1.06	48.2155	21.2397	9.5	4.9	134	0.0f		13	10	155	0.08	1.63	kx	BUD	17002538	BUD			207
2021/09/09	08:10:13.48	0.94	1.02	48.2470	21.2460f				0.0f		13	10	151	0.05	1.63	kx	BUD_GT	17002539	BUD_GT			204

(locality : Tallya Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.5	3 BUD_GT	17002539

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	08:10:15.993	0.9					T__		5904.4		---	ML	2.2	6910550	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	08:10:16.575	-0.1					T__				---		6910551	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU02A	0.50	255.8	Pg	08:10:24.372	0.3					T__		72.3		---	ML	1.5	6910552	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	08:10:31.019	-1.1					T__				---		6910553	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.53	298.1	Lg	08:10:32.116	-0.3					T__				---		6910554	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

KECS	0.56	295.3	Lg	08:10:32.983	-0.3	T__	---	6910555	FDSN	SK	--	BUD	iLoc	EHN	???	_			
TRPA	0.87	97.2	Lg	08:10:43.694	-1.2	T__	---	6910556	FDSN	HU	--	BUD	iLoc	HHN	???	_			
PSZ	0.96	250.6	Lg	08:10:46.192	-2.0	T__	---	6910557	FDSN	GE	--	BUD	iLoc	HHN	???	_			
KOLS	0.97	44.4	Lg	08:10:46.735	-1.0	T__	---	6910558	FDSN	SK	--	BUD	iLoc	HHN	???	_			
ET1H	0.99	248.7	Pg	08:10:33.979	-0.3	T__	63.3	---	ML	1.9	6910560	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	08:10:47.050	-1.7	T__	---	6910559	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
NIE	1.33	332.3	Sn	08:10:58.530	0.1	T__	---	6910561	FDSN	PL	--	BUD	iLoc	BHN	???	_			
VVHS	1.63	279.6	Sn	08:11:05.825	0.6	T__	---	6910562	FDSN	SK	--	BUD	iLoc	HHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/09	08:56:36.80	4.23	1.61	46.6994	22.9087	31.7	19.7	81	0.0f	4	2	299	0.16	0.97	sx	BUD	17002540	BUD				360

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DRGR	0.16	304.3	Pg	08:56:40.614	0.2					T__		334.8		---	ML	1.3	6910714	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.16	304.3	Lg	08:56:43.335	-0.3					T__				---		6910715	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
SIRR	0.97	243.9	Pn	08:56:55.111	-1.5					T__		134.5		---	ML	2.2	6910717	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
SIRR	0.97	243.9	Lg	08:57:10.591	0.6					T__				---		6910716	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/09	09:04:30.93	1.39	0.83	46.1116	22.8417	10.9	6.7	60	0.0f	8	6	142	0.23	0.99	sx	BUD	17002542	BUD					214

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DEV	0.23	169.3	Pg	09:04:35.773	0.4					T__		681.6		---	ML	1.8	6910757	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DEV	0.23	169.3	Lg	09:04:37.975	-0.7					T__				---		6910758	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
DRGR	0.69	352.5	Lg	09:04:55.314	-0.6					T__				---		6910761	FDSN	RO	--	BUD	iLoc	HHN	???	_		
GZR	0.72	183.6	Pg	09:04:45.230	0.5					T__		55.8		---	ML	1.6	6910760	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	0.72	183.6	Lg	09:04:54.313	-0.6					T__				---		6910759	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
SIRR	0.84	281.2	Lg	09:04:59.730	-0.4					T__				---		6910762	FDSN	RO	--	BUD	iLoc	HHN	???	_		
LOT	0.93	135.3	Lg	09:05:01.145	-1.2					T__				---		6910763	FDSN	RO	--	BUD	iLoc	HHN	???	_		
BZS	0.99	240.4	Lg	09:05:03.495	-0.6					T__				---		6910764	FDSN	RO	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/09	09:13:53.69	0.90	1.03	47.4443	21.8227	5.4	4.5	82	0.0f	24	15	101	0.08	2.16	sx	BUD	17002544	BUD					125

Magnitude Err Nsta Author OrigID

ML 2.1 0.1 10 BUD 17002544

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
LTVH	0.08	138.3	Pg	09:13:56.777	0.8					T__		4480.0		_c_	ML	2.2	6910856	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.08	138.3	Lg	09:13:58.629	0.5					T__				---		6910863	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
HU05A	0.48	283.3	Pg	09:14:04.369	0.3					T__		250.1		---	ML	2.0	6910864	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.48	283.3	Lg	09:14:12.214	-0.2					T__				---		6910874	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU07A	0.54	6.5	Pg	09:14:05.033	0.2					T__		332.1		---	ML	2.3	6910865	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.54	6.5	Lg	09:14:13.590	-1.0					T__				---		6910858	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU24A	0.70	220.5	Pg	09:14:08.750	0.2					T__		185.7		---	ML	2.2	6910859	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU24A	0.70	220.5	Lg	09:14:18.692	-1.3					T__				---		6910860	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
TRPA	0.84	34.9	Pg	09:14:10.524	0.3					T__		71.7		---	ML	1.8	6910862	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.84	34.9	Lg	09:14:22.016	-2.2					T__				---		6910861	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
DRGR	0.89	136.8	Pg	09:14:11.150	-0.2					T__		131.8		---	ML	2.1	6910875	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ABAH	0.94	335.5	Pg	09:14:12.755	0.4					T__		82.0		---	ML	1.9	6910876	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.94	335.5	Lg	09:14:26.235	-1.2					T__				---		6910866	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	1.11	308.3	Sn	09:14:30.937	-1.7					T__				---		6910855	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SIRR	1.18	185.5	Pn	09:14:16.343	-0.1					T__		37.0		---	ML	1.7	6910871	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	1.18	185.5	Sn	09:14:32.253	-2.0					T__				---		6910867	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
JOS	1.36	321.1	Pg	09:14:20.906	0.3					T__		38.6		---	ML	1.8	6910872	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.36	321.1	Sn	09:14:38.117	-0.3					T__				---		6910877	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	1.37	319.7	Sn	09:14:38.698	-0.1					T__				---		6910868	FDSN	SK	--	BUD	iLoc	EHN	???	_	
PSZ	1.39	290.7	Sn	09:14:38.924	-0.5					T__				---		6910878	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.39	289.0	Sn	09:14:39.214	0.2					T__				---		6910869	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	1.52	11.3	Pg	09:14:23.620	1.1					T__				---		6910873	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.52	11.3	Sn	09:14:44.964	1.7					T__				---		6910870	FDSN	SK	--	BUD	iLoc	HHN	???	_	
GZR	2.16	161.8	Pn	09:14:30.078	-0.4					T__		40.8		---	ML	2.3	6910857	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/09	09:33:50.98	0.99	1.05	46.0629	22.0272	6.9	4.7	47	0.0f		8	5	95	0.33	1.37	sx	BUD	17002546	BUD			179

Magnitude Err Nsta Author OrigID

ML 1.6 0.1 3 BUD 17002546

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.33	308.8	Pg	09:33:58.467	0.4					T__		103.3		_c_	ML 1.2	6910917	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
SIRR	0.33	308.8	Lg	09:34:02.898	-0.7					T__				---		6910918	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
BZS	0.53	212.9	Lg	09:34:08.532	-0.7					T__				---		6910919	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.85	141.6	Pg	09:34:07.736	0.5					T__		51.0		---	ML 1.7	6910920	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	0.85	141.6	Lg	09:34:19.062	-0.1					T__				---		6910921	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
DRGR	0.87	32.7	Pg	09:34:08.713	0.3					T__		45.8		---	ML 1.6	6910923	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.87	32.7	Lg	09:34:20.344	-1.0					T__				---		6910922	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
LOT	1.37	116.1	Lg	09:34:35.004	-1.7					T__				---		6910924	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/09	10:00:10.61	1.30	1.22	47.3821	18.4156	9.5	4.5	136	0.0f		11	10	109	0.11	1.18	sx	BUD	17002548	BUD			177

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	3 BUD	17002548

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW1	0.11	275.9	Pg	10:00:14.364	1.0					T__		495.8		---	ML 1.3	6910974	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
CSKK	0.11	259.8	Pg	10:00:14.238	0.8					T__		891.2		_c_	ML 1.5	6910965	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.11	259.8	Lg	10:00:14.979	-1.1					T__				---		6910966	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
MSW2	0.16	240.2	Pg	10:00:15.047	0.6					T__		171.4		---	ML 1.0	6910975	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
HU09A	0.26	355.0	Lg	10:00:20.821	-0.3					T__				---		6910967	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.34	278.6	Lg	10:00:22.293	-1.5					T__				---		6910968	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.62	41.1	Lg	10:00:32.825	-0.8					T__				---		6910969	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.10	62.7	Sn	10:00:48.368	-1.0					T__				---		6910970	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.13	61.2	Sn	10:00:49.356	-1.3					T__				---		6910971	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.15	14.1	Lg	10:00:49.824	-0.8					T__				---		6910973	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.18	172.3	Sn	10:00:49.292	-1.5					T__				---		6910972	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/09	11:07:51.18	0.76	0.88	47.7723	17.6394	2.9	2.3	26	1.0f		34	22	46	0.39	1.53	ke	BUD	17002550	BUD			82

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	11 BUD	17002550

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

HU08A	0.39	150.5	Pg	11:07:59.537	0.4	T__	85.0	_d_ ML	1.3	6911149	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU08A	0.39	150.5	Lg	11:08:04.358	-1.1	T__		---		6911169	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
A003A	0.40	268.3	Pg	11:08:00.125	0.8	T__	634.2	___ ML	2.2	6911167	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A003A	0.40	268.3	Lg	11:08:05.696	0.5	T__		---		6911168	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
EGYH	0.41	210.5	Pg	11:07:59.824	0.2	T__	706.2	___ ML	2.3	6911144	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
EGYH	0.41	210.5	Lg	11:08:05.065	-0.7	T__		---		6911150	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
SRD	0.46	84.6	Pg	11:08:01.874	1.5	T__	1235.8	___ ML	2.7	6911152	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
SRD	0.46	84.6	Lg	11:08:07.468	-0.4	T__		---		6911151	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
HU09A	0.52	104.7	Lg	11:08:09.619	-0.5	T__		---		6911153	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ZST	0.56	319.8	Pg	11:08:02.754	0.3	T__		---		6911155	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.56	319.8	Lg	11:08:09.898	-0.9	T__		---		6911154	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MSW1	0.57	131.9	Lg	11:08:11.292	-0.4	T__		---		6911170	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CSSK	0.59	134.0	Lg	11:08:10.838	-1.6	T__		---		6911156	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MPLH	0.61	186.5	Pg	11:08:04.054	0.7	T__	173.1	___ ML	2.1	6911148	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	0.61	186.5	Lg	11:08:11.393	-0.8	T__		---		6911157	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
MSW2	0.61	140.3	Pg	11:08:03.993	0.7	T__	75.5	___ ML	1.7	6911172	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.61	140.3	Lg	11:08:11.973	-1.1	T__		---		6911171	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MODS	0.65	338.2	Pg	11:08:04.701	0.4	T__		---		6911141	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.65	338.2	Lg	11:08:13.362	-0.9	T__		---		6911142	FDSN	SK	--	BUD	iLoc	HHN	???	_	
SOP	0.74	263.4	Lg	11:08:15.423	-0.1	T__		---		6911158	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.91	265.9	Pg	11:08:09.394	0.2	T__	49.6	___ ML	1.7	6911145	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	0.91	265.9	Lg	11:08:20.886	-0.2	T__		---		6911159	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU10A	0.93	85.0	Lg	11:08:23.530	-1.0	T__		---		6911173	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
BUD	0.98	106.6	Sn	11:08:24.892	-1.3	T__		---		6911174	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.08	47.5	Pn	11:08:12.724	0.2	T__	22.9	___ ML	1.5	6911146	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.08	47.5	Lg	11:08:27.041	-1.3	T__		---		6911160	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
JAVC	1.09	1.1	Pn	11:08:13.176	0.3	T__	62.1	___ ML	1.9	6911143	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	1.09	1.1	Lg	11:08:27.659	-1.6	T__		---		6911161	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
CONA	1.21	278.1	Pn	11:08:14.486	-0.1	T__	40.5	___ ML	1.8	6911147	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	1.21	278.1	Lg	11:08:30.022	-0.5	T__		---		6911162	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
ET1H	1.51	85.1	Sn	11:08:40.310	1.1	T__		---		6911164	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.53	83.7	Sn	11:08:39.765	-0.4	T__		---		6911166	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ARSA	1.53	250.8	Sn	11:08:39.774	0.8	T__		---		6911163	FDSN	OE	--	BUD	iLoc	HHN	???	_	

KRUC 1.53 327.8 Pn 11:08:20.094 1.2 T\_\_ 33.6 \_\_\_ ML 1.9 6911165 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/09	11:17:10.31	1.31	1.36	48.8681	21.1292	7.5	6.1	9	0.0f		12	9	129	0.54	1.30	sx	BUD	17002552	BUD			216

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	3 BUD	17002552

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.54	226.6	Pg	11:17:21.894	0.8					T__		44.9		___	ML	1.5	6911219	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	226.6	Lg	11:17:28.623	-0.6					T__				---		6911220	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KECS	0.57	228.2	Pg	11:17:22.727	0.9					T__		82.8		___	ML	1.7	6911222	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.57	228.2	Lg	11:17:29.553	-0.9					T__				---		6911221	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
ABAH	0.58	172.7	Pg	11:17:22.725	0.8					T__		66.0		___	ML	1.6	6911224	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.58	172.7	Lg	11:17:30.063	-1.5					T__				---		6911223	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
KOLS	0.76	84.6	Lg	11:17:36.070	-1.0					T__				---		6911226	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.77	315.6	Lg	11:17:34.743	-1.3					T__				---		6911225	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.85	208.5	Lg	11:17:39.171	-1.6					T__				---		6911227	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TRPA	1.19	127.7	Lg	11:17:50.167	-1.1					T__				---		6911228	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.26	221.3	Sn	11:17:51.495	-1.9					T__				---		6911229	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.30	220.7	Sn	11:17:52.715	-1.1					T__				---		6911230	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/09	11:27:47.68	1.29	0.45	47.8713	16.0545	19.0	3.9	32	0.0f		6	4	125	0.14	1.21	sx	BUD	17002554	BUD			248

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.14	293.8	Pg	11:27:51.043	0.3					T__		86.5		___	ML	0.6	6911263	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	293.8	Lg	11:27:52.261	-0.7					T__				---		6911264	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
RONA	0.24	136.4	Pg	11:27:52.721	0.0					T__		45.4		___	ML	0.6	6911267	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	136.4	Lg	11:27:56.207	0.0					T__				---		6911266	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
A018A	0.67	259.4	Lg	11:28:09.079	-0.1					T__				---		6911265	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.21	10.6	Sn	11:28:28.311	-0.2					T__				---		6911268	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/09	11:33:17.62	1.74	0.40	48.5074	20.8189	14.7	6.0	20	0.0f		6	4	220	0.19	0.43	sx	BUD	17002556	BUD			300



PSZ	0.33	85.2	Pg	07:16:49.375	0.5	T__	294.7	---	ML	1.7	6911873	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	85.2	Lg	07:16:53.392	-1.2	T__		---			6911891	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
BUD	0.48	212.3	Lg	07:16:58.872	-0.8	T__		---			6911892	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU23A	0.62	113.6	Lg	07:17:03.419	-1.0	T__		---			6911893	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VYHS	0.71	327.9	Pg	07:16:56.727	0.8	T__	35.7	---	ML	1.4	6911879	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.71	327.9	Lg	07:17:05.611	-0.9	T__		---			6911894	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
HU09A	0.73	250.2	Pg	07:16:57.167	0.9	T__	345.3	---	ML	2.4	6911895	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.73	250.2	Lg	07:17:06.709	-1.7	T__		---			6911880	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
HU02A	0.79	72.6	Pg	07:16:57.750	0.0	T__	85.6	---	ML	1.9	6911872	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	72.6	Lg	07:17:08.412	-1.7	T__		---			6911896	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KECS	0.93	50.3	Pn	07:17:00.987	0.3	T__	222.2	---	ML	2.4	6911881	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
CSSK	0.94	236.1	Pn	07:17:01.186	0.5	T__	123.8	---	ML	2.1	6911897	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
JOS	0.97	51.1	Pn	07:17:01.656	0.5	T__	76.1	---	ML	1.9	6911883	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.97	51.1	Lg	07:17:14.156	-1.7	T__		---			6911882	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MSW2	1.00	234.3	Pn	07:17:02.433	0.9	T__	83.8	---	ML	2.0	6911902	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	1.00	234.3	Lg	07:17:17.144	-0.2	T__		---			6911903	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU04A	1.08	177.4	Sn	07:17:18.601	-0.5	T__		---			6911898	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	1.10	245.8	Pg	07:17:03.921	0.6	T__	127.0	---	ML	2.2	6911884	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.10	245.8	Sn	07:17:18.921	-1.2	T__		---			6911885	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
ABAH	1.29	71.1	Pg	07:17:07.718	0.9	T__	59.3	---	ML	2.0	6911887	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.29	71.1	Sn	07:17:24.437	-0.1	T__		---			6911886	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
A331A	1.48	328.4	Pg	07:17:09.967	-0.5	T__	233.3	---	ML	2.7	6911888	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	1.48	328.4	Sn	07:17:29.481	-0.7	T__		---			6911899	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
MODS	1.50	289.5	Sn	07:17:30.268	-0.3	T__		---			6911889	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	1.51	310.6	Sn	07:17:29.887	-1.4	T__		---			6911900	FDSN	CZ	--	BUD	iLoc	HHN	???	_
NIE	1.64	20.9	Lg	07:17:36.301	0.1	T__		---			6911901	FDSN	PL	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/10	07:53:38.67	0.94	1.45	48.4005	17.2265	4.7	3.6	144	0.0f	8	4	127		0.04	0.55	sx	BUD	17002568	BUD			223



2021/09/10 10:00:39.99 1.17 1.09 48.1867 16.8747 11.1 5.3 141 0.0f 8 5 173 0.15 1.34 sx BUD 17002574 BUD 311

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.15	86.4	Pg	10:00:44.234	0.6					T__						6912059	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.15	86.4	Lg	10:00:45.734	-1.0					T__						6912060	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.33	55.0	Pg	10:00:47.778	0.7					T__						6912058	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.33	55.0	Lg	10:00:52.106	-0.7					T__						6912061	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.86	37.9	Lg	10:01:09.958	-0.8					T__						6912062	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
ARSA	1.31	224.8	Pg	10:01:05.523	-0.3					T__		28.1		---	ML	1.7	6912064	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.31	224.8	Lg	10:01:21.398	-0.2					T__						6912063	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
VYHS	1.34	76.0	Sn	10:01:23.474	-1.7					T__						6912065	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/09/10 10:05:38.21 1.48 0.82 46.0360 22.8595 9.5 8.5 58 0.0f 8 5 140 0.16 0.96 sx BUD 17002576 BUD 247

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.4 3 BUD 17002576

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DEV	0.16	168.7	Pg	10:05:41.375	0.2					T__		1940.9			---	ML	2.0	6912085	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.16	168.7	Lg	10:05:43.156	-0.2					T__						6912089	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
GZR	0.65	185.2	Pg	10:05:51.114	0.5					T__		34.9		---	ML	1.4	6912086	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	0.65	185.2	Lg	10:05:59.021	-0.8					T__						6912090	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
DRGR	0.76	352.3	Lg	10:06:04.861	-0.6					T__						6912091	FDSN	RO	--	BUD	iLoc	HHN	???	_		
LOT	0.87	132.4	Pg	10:05:55.294	0.4					T__		54.4		---	ML	1.7	6912087	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
LOT	0.87	132.4	Lg	10:06:06.262	-1.3					T__						6912092	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
BZS	0.96	244.7	Lg	10:06:10.110	-0.5					T__						6912088	FDSN	RO	--	BUD	iLoc	HHE	???	_		

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/09/10 10:17:49.87 1.31 0.88 46.0555 21.8482 10.9 6.2 77 0.0f 6 5 128 0.25 1.48 sx BUD 17002578 BUD 198

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.25	328.4	Lg	10:17:59.375	-0.5					T__						6912112	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.47	200.3	Pg	10:17:59.570	0.4					T__		45.0		---	ML	1.3	6912117	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.47	200.3	Lg	10:18:05.454	-0.6					T__						6912114	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
GZR	0.93	135.2	Lg	10:18:20.000	-0.6					T__						6912113	FDSN	RO	--	BUD	iLoc	HHN	???	_	

DRGR	0.95	38.7	Lg	10:18:23.204	0.4	T__	---	6912115	FDSN	RO	--	BUD	iLoc	HNN	???	_
LOT	1.48	113.6	Sn	10:18:37.329	-1.1	T__	---	6912116	FDSN	RO	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/10	11:00:17.69	0.93	0.76	47.6914	18.7274	4.9	3.4	143	0.0f	13	10	107	0.24	0.82	ke	BUD	17002580	BUD				154
2021/09/10	11:00:17.35	0.93	0.66	47.7180	18.7130f				0.0f	13	10	115	0.24	0.82	kx	BUD_GT	17002581	BUD_GT				167

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	3 BUD_GT	17002581

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU09A	0.24	250.5	Lg	11:00:27.525	0.4					T__						6912206	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU10A	0.24	58.2	Lg	11:00:28.433	1.3					T__						6912207	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
BUD	0.32	138.0	Lg	11:00:30.337	0.4					T__						6912208	FDSN	HU	--	BUD	iLoc	HHE	???	_
MSW1	0.45	223.6	Lg	11:00:34.217	-0.2					T__						6912213	FDSN	HU	--	BUD	iLoc	HNN	???	_
CSKK	0.47	221.0	Lg	11:00:34.102	-1.1					T__						6912209	FDSN	HU	--	BUD	iLoc	HNN	???	_
MSW2	0.54	219.5	Lg	11:00:37.342	-0.1					T__						6912214	FDSN	HU	--	BUD	iLoc	HNN	???	_
A271A	0.57	171.7	Lg	11:00:38.929	0.3					T__						6912210	FDSN	Z3	00	BUD	iLoc	HHE	???	_
VYHS	0.78	6.0	Pn	11:00:34.943	0.2					T__		10.9				6912211	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.78	6.0	Lg	11:00:45.803	1.0					T__						6912202	FDSN	SK	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
ET1H	0.80	77.9	Pg	11:00:34.086	-0.1					T__		27.1				6912204	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.80	77.9	Lg	11:00:46.281	0.1					T__						6912212	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
PSZ	0.82	75.4	Pg	11:00:34.401	-0.4					T__		40.2				6912203	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.82	75.4	Lg	11:00:46.564	-0.8					T__						6912205	FDSN	GE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/13	05:46:05.41	1.36	1.16	48.4503	21.4918	8.8	7.1	165	0.0f	12	9	132	0.23	1.85	sx	BUD	17002586	BUD					199

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	17002586

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.23	227.5	Pg	05:46:11.095	0.7					T__		379.1				6913449	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.23	227.5	Lg	05:46:13.809	-0.9					T__						6913450	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
JOS	0.64	274.5	Lg	05:46:27.572	-0.2					T__						6913460	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
KECS	0.67	273.2	Pg	05:46:19.187	0.4					T__		108.2				6913451	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.67	273.2	Lg	05:46:28.492	-0.5					T__						6913452	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
KOLS	0.71	46.7	Lg	05:46:30.059	-0.5					T__						6913453	FDSN	SK	--	BUD	iLoc	HNN	???	_

HU02A	0.72	243.4	Pg	05:46:20.593	0.1	T__	54.6	___	ML	1.6	6913455	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	243.4	Lg	05:46:30.341	-1.4	T__		---			6913454	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
TRPA	0.77	114.2	Lg	05:46:31.991	-1.4	T__		---			6913456	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.19	244.1	Sn	05:46:45.436	-1.5	T__		---			6913457	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.23	242.8	Sn	05:46:46.119	-1.0	T__		---			6913458	FDSN	HU	--	BUD	iLoc	HHE	???	_
DRGR	1.85	153.1	Sn	05:47:04.585	1.7	T__		---			6913459	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/13	07:38:52.57	0.94	0.84	46.9662	17.2925	6.5	4.0	150	0.0f		11	7	88	0.10	1.37	sx	BUD	17002588	BUD			173

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	4 BUD	17002588

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.10	261.9	Pg	07:38:55.373	0.1					T__		14821.8		___	ML	2.7	6913523	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.10	261.9	Lg	07:38:56.591	-0.9					T__				---		6913524	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
MPLH	0.26	39.5	Pg	07:38:59.003	0.5					T__		124.3		___	ML	1.1	6913515	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.26	39.5	Lg	07:39:01.910	-1.3					T__				---		6913517	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
A263A	0.33	177.3	Lg	07:39:04.178	-0.5					T__				---		6913518	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOGS	0.88	234.5	Lg	07:39:22.884	1.3					T__				---		6913519	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	1.04	147.3	Pn	07:39:13.006	-0.2					T__		49.2		___	ML	1.8	6913525	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.04	147.3	Lg	07:39:27.968	-0.2					T__				---		6913520	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MORH	1.20	128.4	Pn	07:39:15.594	0.3					T__		30.9		___	ML	1.7	6913526	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.20	128.4	Sn	07:39:32.164	-0.6					T__				---		6913521	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
CONA	1.37	315.3	Lg	07:39:37.599	0.4					T__				---		6913522	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/13	08:19:35.84	1.01	0.36	47.9507	16.0727	6.6	4.3	13	0.0f		6	4	112	0.14	1.13	sx	BUD	17002590	BUD			221

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	261.1	Pg	08:19:38.953	0.0					T__		138.1		___	ML	0.8	6913561	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	261.1	Lg	08:19:41.063	-0.1					T__				---		6913563	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.29	149.0	Pg	08:19:42.014	0.1					T__		46.8		___	ML	0.8	6913564	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.29	149.0	Lg	08:19:46.092	-0.0					T__				---		6913565	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									

MODS	0.91	61.9	Lg	08:20:08.033	-0.4	T__									6913562	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.13	10.8	Lg	08:20:14.763	0.5	T__									6913566	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/13	08:25:23.93	1.42	1.06	48.8738	21.1414	9.3	7.5	132	0.0f		9	6	130	0.55	1.27	sx	BUD	17002592	BUD			253

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	17002592

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.55	226.7	Pg	08:25:35.741	0.9					T__		42.1			ML	1.4	6913590	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	226.7	Lg	08:25:43.066	-0.1					T__						6913591	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.58	228.3	Pg	08:25:36.087	0.5					T__		77.1			ML	1.7	6913593	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.58	228.3	Lg	08:25:43.716	-0.7					T__						6913592	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOLS	0.75	85.0	Lg	08:25:49.957	-0.4					T__						6913595	FDSN	SK	--	BUD	iLoc	HHE	???	_	
NIE	0.78	314.9	Lg	08:25:48.764	-0.9					T__						6913594	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.86	208.8	Pg	08:25:41.598	0.0					T__		30.7			ML	1.5	6913597	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	208.8	Lg	08:25:53.229	-1.5					T__						6913596	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	1.27	221.5	Sn	08:26:05.762	-1.5					T__						6913598	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/13	08:56:02.95	4.20	0.88	46.8414	22.7796	53.5	20.5	142	0.0f		6	4	306	0.07	1.47	sx	BUD	17002594	BUD			340

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.07	223.4	Pg	08:56:04.778	0.0					T__		228.9			ML	0.8	6913620	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.07	223.4	Lg	08:56:06.221	-0.2					T__						6913619	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
SIRR	0.96	233.8	Lg	08:56:36.015	-0.2					T__						6913621	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.45	180.1	Pn	08:56:29.369	-0.5					T__		34.2			ML	1.8	6913623	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.45	180.1	Sn	08:56:49.529	-0.9					T__						6913622	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	1.47	213.8	Lg	08:56:52.243	1.1					T__						6913624	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/13	10:33:37.09	1.64	1.45	48.0907	21.3691	10.3	7.5	161	0.0f		11	8	114	0.22	1.59	sx	BUD	17002596	BUD			172

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	17002596

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
ABAH	0.22	337.2	Pg	10:33:42.720	0.7					T__		1021.3		---	ML	1.9	6913649	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.22	337.2	Lg	10:33:44.866	-1.5					T__				---		6913650	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
HU02A	0.57	273.5	Lg	10:33:57.161	-1.0					T__				---		6913651	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
JOS	0.69	306.5	Pg	10:33:51.723	0.9					T__		47.2		---	ML	1.6	6913652	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.69	306.5	Lg	10:34:00.308	-1.0					T__				---		6913653	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
KECS	0.71	304.0	Lg	10:34:01.261	-0.8					T__				---		6913654	FDSN	SK	--	BUD	iLoc	EHN	???	_		
TRPA	0.79	86.7	Lg	10:34:03.637	-2.1					T__				---		6913655	FDSN	HU	--	BUD	iLoc	HHN	???	_		
PSZ	1.01	260.7	Pn	10:33:58.359	0.9					T__		55.4		---	ML	1.8	6913657	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	1.01	260.7	Lg	10:34:11.707	-1.6					T__				---		6913656	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
ET1H	1.03	258.7	Lg	10:34:12.576	-1.1					T__				---		6913658	FDSN	HU	--	BUD	iLoc	HHN	???	_		
DRGR	1.59	144.5	Sn	10:34:29.287	1.3					T__				---		6913659	FDSN	RO	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/13	11:00:59.83	0.90	1.11	48.3104	19.9058	4.8	3.1	128	0.0f		17	10	88	0.39	1.14	sx	BUD	17002598	BUD			140

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	7 BUD	17002598

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.39	181.1	Pg	11:01:08.833	0.3					T__		174.2		---	ML	1.6	6913789	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.39	181.1	Lg	11:01:13.984	-1.0					T__				---		6913790	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.42	65.7	Pg	11:01:09.267	0.8					T__		184.6		---	ML	1.7	6913787	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.42	65.7	Lg	11:01:14.371	-0.6					T__				---		6913791	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ET1H	0.43	183.1	Pg	11:01:10.018	0.9					T__		82.5		---	ML	1.4	6913800	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.43	183.1	Lg	11:01:15.368	-0.6					T__				---		6913793	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU02A	0.45	114.2	Pg	11:01:10.519	1.0					T__		88.6		---	ML	1.5	6913801	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	114.2	Lg	11:01:15.867	-1.1					T__				---		6913794	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU03A	0.46	206.9	Pg	11:01:10.393	0.9					T__		110.0		---	ML	1.6	6913802	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.46	206.9	Lg	11:01:16.033	-0.5					T__				---		6913795	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.46	66.0	Pg	11:01:09.710	0.6					T__		101.0		---	ML	1.6	6913786	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.46	66.0	Lg	11:01:15.368	-0.9					T__				---		6913792	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.74	284.9	Lg	11:01:24.285	-1.3					T__				---		6913796	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.89	90.4	Lg	11:01:29.935	-1.5					T__				---		6913797	FDSN	HU	--	BUD	iLoc	HHN	???	_	

A338A	1.08	254.7	Sn	11:01:36.027	-2.0	T__									6913798	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
NIE	1.14	13.1	Pg	11:01:22.291	1.0	T__				27.1					6913799	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.14	13.1	Lg	11:01:37.289	-0.7	T__									6913788	FDSN	PL	--	BUD	iLoc	BHN	???	_

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/13	13:04:48.08	1.00	0.55	47.8892	16.0895	6.4	4.0	26	0.0f		8	5	85	0.16	1.19	sx	BUD	17002602	BUD			158

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.1	3 BUD	17002602

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	284.4	Pg	13:04:51.944	0.5					T__		200.6			ML	1.0	6913876	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	284.4	Lg	13:04:53.304	-0.6					T__						6913877	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
RONA	0.24	143.6	Pg	13:04:53.384	0.3					T__		105.3			ML	1.0	6913879	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	143.6	Lg	13:04:56.583	0.1					T__						6913878	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
ARSA	0.75	211.2	Pg	13:05:02.412	-0.1					T__		46.3			ML	1.6	6913881	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.75	211.2	Lg	13:05:11.280	-0.6					T__						6913880	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
MODS	0.93	58.2	Lg	13:05:20.730	-0.7					T__						6913882	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KRUC	1.19	9.7	Sn	13:05:28.567	0.2					T__						6913883	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/13	20:12:52.39	1.17	0.79	48.5960	19.0387	9.3	5.1	6	9.4	11.2	12	7	168	0.17	1.10	ke	BUD	17002604	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	17002604

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.17	232.9	Pg	20:12:56.555	0.2					T__		15.4			ML	-0.0	6913922	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.17	232.9	Lg	20:12:59.017	-0.4					T__						6913913	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: -0.0 magdef=1 (Station ML: -0.0 magdef=0																									
A338A	0.74	218.5	Pg	20:13:07.929	0.6					T__		71.5			ML	1.8	6913914	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.74	218.5	Lg	20:13:17.961	-0.8					T__						6913915	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
PSZ	0.89	139.5	Pg	20:13:11.212	0.4					T__		35.2			ML	1.5	6913918	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.89	139.5	Lg	20:13:23.407	-0.3					T__						6913917	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
JAVC	0.94	286.7	Lg	20:13:24.735	-0.4					T__						6913916	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
KECS	0.97	96.2	Lg	20:13:24.449	-0.5					T__						6913919	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.00	95.2	Pg	20:13:12.254	0.1					T__		29.1			ML	1.5	6913921	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

```

JOS 1.00 95.2 Lg 20:13:25.856 -0.1 T__ --- 6913920 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 1.10 115.0 Pn 20:13:14.394 1.4 T__ 40.8 --- ML 1.7 6913923 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.10 115.0 Lg 20:13:29.064 -1.0 T__ --- 6913924 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/14 06:41:12.72 1.01 0.87 47.9356 20.0701 10.5 2.8 155 0.0f 16 11 88 0.12 2.13 sx BUD 17002610 BUD 145

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Magnitude Err Nsta Author OrigID
ML 1.4 0.0 5 BUD 17002610

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
PSZ 0.12 261.8 Pg 06:41:16.223 0.3 T__ 826.4 _c_ ML 1.5 6914153 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.12 261.8 Lg 06:41:18.486 -0.2 T__ --- 6914154 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.15 247.1 Pg 06:41:16.408 0.1 T__ 443.5 --- ML 1.4 6914167 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.15 247.1 Lg 06:41:19.248 0.1 T__ --- 6914155 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU03A 0.32 264.4 Lg 06:41:24.736 -0.1 T__ --- 6914157 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.36 58.4 Pg 06:41:20.179 -0.4 T__ 113.0 --- ML 1.3 6914168 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 58.4 Lg 06:41:26.524 -0.1 T__ --- 6914156 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KECS 0.61 26.7 Lg 06:41:34.670 0.2 T__ --- 6914158 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.64 29.1 Lg 06:41:35.722 0.3 T__ --- 6914159 FDSN ZJ -- BUD iLoc HHN ??? _
HU10A 0.71 263.1 Lg 06:41:37.247 -1.7 T__ --- 6914160 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.86 64.9 Pg 06:41:30.676 0.8 T__ 47.0 --- ML 1.7 6914162 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.86 64.9 Lg 06:41:42.833 -0.9 T__ --- 6914161 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
VYHS 1.00 304.6 Pn 06:41:33.686 0.7 T__ 20.4 --- ML 1.4 6914164 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.00 304.6 Lg 06:41:47.366 -0.1 T__ --- 6914163 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MORH 1.98 210.0 Sn 06:42:13.868 2.0 T__ --- 6914165 FDSN HU -- BUD iLoc HHN ??? _
DRGR 2.13 121.5 Sn 06:42:16.717 0.7 T__ --- 6914166 FDSN RO -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/14 06:53:27.41 1.53 1.21 47.9601 20.3542 13.9 4.7 147 0.0f 8 6 196 0.20 0.68 sx BUD 17002612 BUD 220

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU02A 0.20 35.2 Pg 06:53:32.803 0.8 T__ 163.2 --- ML 1.1 6914196 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.20 35.2 Lg 06:53:34.853 -1.0 T__ --- 6914197 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.31 262.5 Lg 06:53:39.000 -0.9 T__ --- 6914198 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.33 256.2 Lg 06:53:39.717 -0.6 T__ --- 6914199 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.53 9.5 Lg 06:53:45.658 -0.7 T__ --- 6914200 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.55 12.9 Pg 06:53:39.258 0.8 T__ 27.0 --- ML 1.2 6914202 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.55 12.9 Lg 06:53:46.348 -0.6 T__ --- 6914201 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
ABAH 0.68 60.1 Lg 06:53:50.828 -1.8 T__ --- 6914203 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/14 07:45:21.20 1.26 0.96 47.3694 18.3916 8.3 4.1 133 0.0f 15 12 108 0.09 1.30 sx BUD 17002614 BUD 126

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```

Magnitude Err Nsta Author OrigID
ML 1.6 0.4 3 BUD 17002614

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.09 266.0 Pg 07:45:23.972 0.3 T__ 1811.8 --- ML 1.8 6914248 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.09 266.0 Lg 07:45:25.800 -0.3 T__ --- 6914249 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MSW1 0.09 284.7 Pg 07:45:24.632 0.9 T__ 1005.5 --- ML 1.6 6914259 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.09 284.7 Lg 07:45:25.714 -0.5 T__ --- 6914260 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW2 0.14 241.4 Pg 07:45:25.526 0.9 T__ 240.8 --- ML 1.1 6914262 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 241.4 Lg 07:45:26.844 -0.9 T__ --- 6914261 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU09A 0.27 358.7 Lg 07:45:31.856 -0.3 T__ --- 6914251 FDSN ZJ 00 BUD iLoc HHN ??? _
HU08A 0.32 281.2 Lg 07:45:33.027 -0.9 T__ --- 6914250 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.61 251.4 Lg 07:45:41.949 -1.2 T__ --- 6914252 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.64 41.5 Lg 07:45:43.952 -1.0 T__ --- 6914253 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.12 62.5 Sn 07:45:59.628 -0.8 T__ --- 6914254 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.16 61.1 Sn 07:46:00.425 -1.3 T__ --- 6914256 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.16 14.7 Sn 07:46:00.738 -1.2 T__ --- 6914257 FDSN SK -- BUD iLoc HHN ??? _
MORH 1.17 171.4 Sn 07:46:00.231 -0.9 T__ --- 6914255 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.30 189.0 Sn 07:46:03.928 -0.4 T__ --- 6914258 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/14 07:56:23.64 1.20 1.21 47.3176 18.3206 9.3 5.2 76 0.0f 11 9 107 0.06 1.24 sx BUD 17002616 BUD 130

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.06 318.1 Pg 07:56:26.409 0.9 T__ 1396.8 _c_ ML 1.6 6914303 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.06 318.1 Lg 07:56:26.963 -0.6 T__ --- 6914305 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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MSW1	0.09	331.0	Pg	07:56:26.649	0.6	T__	904.3	___	ML	1.5	6914312	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.09	331.0	Lg	07:56:27.958	-0.4	T__		---			6914313	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.5 magdef=1)															
				(Station ML: 1.5 magdef=1)															
HU08A	0.29	293.0	Lg	07:56:34.042	-1.3	T__		---			6914306	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU09A	0.32	7.4	Lg	07:56:35.590	-0.9	T__		---			6914307	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.13	168.5	Lg	07:57:01.568	-0.7	T__		---			6914308	FDSN	HU	--	BUD	iLoc	HHN	???	_
ET1H	1.19	61.3	Sn	07:57:03.765	-0.7	T__		---			6914309	FDSN	HU	--	BUD	iLoc	HHE	???	_
PSZ	1.22	60.0	Sn	07:57:04.398	-1.4	T__		---			6914311	FDSN	GE	--	BUD	iLoc	HHN	???	_
VVHS	1.23	16.2	Sn	07:57:03.929	-2.0	T__		---			6914304	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.24	187.1	Sn	07:57:04.534	-0.8	T__		---			6914310	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/14	08:06:02.39	1.03	0.85	46.0455	22.8212	9.9	4.3	76	0.0f		8	5	166	0.17	0.95	sx	BUD	17002618	BUD			234

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	17002618

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.17	160.5	Pg	08:06:06.171	0.5					T__		681.1		___	ML	1.6	6914336	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.17	160.5	Lg	08:06:07.390	-0.7					T__				---		6914338	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
GZR	0.65	182.8	Pg	08:06:15.198	0.3					T__		34.0		___	ML	1.4	6914337	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.65	182.8	Lg	08:06:23.230	-1.0					T__				---		6914339	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
DRGR	0.75	354.2	Pg	08:06:17.868	0.4					T__		35.5		___	ML	1.5	6914341	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.75	354.2	Lg	08:06:28.368	-1.3					T__				---		6914340	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
SIRR	0.84	285.8	Lg	08:06:31.273	-0.4					T__				---		6914342	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.95	243.4	Lg	08:06:34.158	0.0					T__				---		6914343	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/09/14	08:54:25.73	0.91	1.06	47.0490	17.9951	5.4	3.0	111	0.0f		13	9	96	0.16	1.55	sx	BUD	17002620	BUD					147

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	17002620

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.16	205.2	Pg	08:54:29.957	0.3					T__		1607.0		___	ML	2.0	6914501	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.16	205.2	Lg	08:54:32.892	0.0					T__				---		6914502	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)																					
				(Station ML: 2.0 magdef=1)																					
MSW2	0.29	30.1	Pg	08:54:32.960	0.8					T__		78.8		___	ML	1.0	6914512	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.29	30.1	Lg	08:54:36.549	-1.1					T__				---		6914513	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
MPLH	0.33	291.5	Pg	08:54:33.722	0.7					T__		134.0		___	ML	1.4	6914508	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

MPLH	0.33	291.5	Lg	08:54:37.588	-1.0	T__								6914507	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=1)																						
MSW3	0.35	14.9	Lg	08:54:38.677	-0.7	T__								6914514	FDSN	HU	--	BUD	iLoc	HNN	???	_
CSKK	0.36	29.8	Pg	08:54:34.649	1.2	T__	125.3					ML	1.4	6914506	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.36	29.8	Lg	08:54:38.313	-1.8	T__								6914509	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=1)																						
HU08A	0.39	352.8	Lg	08:54:39.719	-1.0	T__								6914510	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
MORH	0.95	151.6	Lg	08:54:57.747	-0.8	T__								6914504	FDSN	HU	--	BUD	iLoc	HNN	???	_
KOVH	0.96	175.7	Lg	08:54:58.605	-0.8	T__								6914505	FDSN	HU	--	BUD	iLoc	HNN	???	_
PSZ	1.55	55.3	Sn	08:55:15.548	-0.3	T__								6914511	FDSN	GE	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/14	10:01:04.26	0.93	0.77	48.1657	16.9236	8.3	3.5	138	0.0f		9	6	146	0.12	1.32	sx	BUD	17002622	BUD			173

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
ZST	0.12	75.7	Pg	10:01:07.924	0.6					T__						6914544	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.12	75.7	Lg	10:01:09.475	-0.5					T__						6914545	FDSN	SK	--	BUD	iLoc	HNN	???	_
MODS	0.31	48.5	Pg	10:01:11.455	0.3					T__						6914543	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.31	48.5	Lg	10:01:15.803	-0.8					T__						6914546	FDSN	SK	--	BUD	iLoc	HNN	???	_
RONA	0.63	222.4	Pg	10:01:16.854	-0.0					T__	32.2			ML	1.4	6914550	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.63	222.4	Lg	10:01:24.552	-0.7					T__						6914551	FDSN	OE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
JAVC	0.85	35.3	Lg	10:01:33.957	-1.0					T__						6914547	FDSN	CZ	--	BUD	iLoc	HNN	???	_
KRUC	0.96	338.8	Lg	10:01:37.361	0.4					T__						6914548	FDSN	CZ	--	BUD	iLoc	HNN	???	_
ARSA	1.32	226.4	Lg	10:01:46.802	0.6					T__						6914549	FDSN	OE	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/14	10:19:41.11	1.16	0.77	47.5965	16.4417	6.4	5.2	2	0.0f		9	8	121	0.12	1.47	sx	BUD	17002624	BUD			199

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.12	42.2	Lg	10:19:46.799	0.9					T__						6914572	FDSN	HU	--	BUD	iLoc	HNN	???	_	
RONA	0.14	316.5	Pg	10:19:44.635	0.3					T__	336.2			_c	ML	1.2	6914570	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	316.5	Lg	10:19:46.130	-0.5					T__						6914571	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
CONA	0.51	310.5	Lg	10:19:58.059	-0.2					T__						6914573	FDSN	OE	--	BUD	iLoc	HNN	???	_	
ARSA	0.71	241.3	Lg	10:20:03.594	-0.3					T__						6914574	FDSN	OE	--	BUD	iLoc	HNN	???	_	
A005B	0.79	348.5	Lg	10:20:07.897	-0.1					T__						6914575	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
MPLH	0.86	119.4	Lg	10:20:10.653	-0.5					T__						6914576	FDSN	HU	--	BUD	iLoc	HNN	???	_	
MODS	0.96	35.5	Lg	10:20:14.261	-1.2					T__						6914577	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KRUC	1.47	358.8	Sn	10:20:28.996	0.8					T__						6914578	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/14	10:49:12.79	1.12	0.95	48.4383	19.5431	5.4	5.0	174	0.0f		10	8	109	0.47	1.10	sx	BUD	17002626	BUD			210

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
VYHS	0.47	277.0	Lg	10:49:28.937	-0.7				T__							6914601	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU03A	0.54	175.9	Lg	10:49:32.181	-0.1				T__							6914602	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.57	155.5	Lg	10:49:33.046	-1.0				T__							6914603	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.60	158.4	Lg	10:49:34.185	-0.4				T__							6914604	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.63	85.5	Lg	10:49:34.551	-0.4				T__							6914605	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.67	84.7	Pg	10:49:26.769	0.7				T__			45.3				6914599	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	84.7	Lg	10:49:35.353	-0.8				T__							6914606	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU02A	0.73	115.4	Pg	10:49:28.929	1.0				T__			38.8				6914600	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	115.4	Lg	10:49:37.846	-1.4				T__							6914607	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
NIE	1.10	26.7	Lg	10:49:49.060	-0.6				T__							6914608	FDSN	PL	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/14	10:51:49.93	0.90	0.75	48.4524	19.5492	4.8	3.5	3	0.0f		13	8	111	0.48	1.09	sx	BUD	17002628	BUD			210

Magnitude Err Nsta Author OrigID  
ML 1.4 0.2 5 BUD 17002628

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
VYHS	0.48	275.3	Pg	10:52:00.032	0.3				T__			16.2				6914640	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	275.3	Lg	10:52:06.069	-0.8				T__							6914639	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=0)																								
HU03A	0.55	176.5	Lg	10:52:09.987	0.1				T__							6914641	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.58	156.5	Lg	10:52:10.832	-0.7				T__							6914637	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.61	159.3	Lg	10:52:12.032	-0.1				T__							6914643	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.62	86.8	Pg	10:52:03.064	0.6				T__			81.4				6914642	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.62	86.8	Lg	10:52:11.109	-0.8				T__							6914638	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
JOS	0.66	85.9	Pg	10:52:03.551	0.4				T__			46.7				6914644	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	85.9	Lg	10:52:12.524	-0.6				T__							6914645	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU02A	0.73	116.5	Pg	10:52:05.453	0.4				T__			32.5				6914647	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	116.5	Lg	10:52:15.367	-1.2				T__							6914646	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
NIE	1.09	26.8	Pg	10:52:11.241	0.8				T__			15.7				6914648	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.09	26.8	Lg	10:52:25.475	-0.8				T__							6914649	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/14	11:48:09.30	1.29	0.67	48.5080	20.8382	9.2	3.7	16	0.0f		11	6	221	0.20	0.90	sx	BUD	17002630	BUD			301

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	5 BUD	17002630

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.20	266.6	Pg	11:48:13.860	0.4					T__		99.7		---	ML	0.9	6914682	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	266.6	Lg	11:48:16.478	-0.3					T__				---		6914686	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
KECS	0.24	264.1	Pg	11:48:14.390	0.2					T__		214.7		---	ML	1.3	6914683	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	264.1	Lg	11:48:17.867	-0.2					T__				---		6914687	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.34	128.2	Pg	11:48:16.837	0.4					T__		67.0		---	ML	1.1	6914688	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.34	128.2	Lg	11:48:21.473	-1.0					T__				---		6914689	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.44	208.6	Pg	11:48:19.174	0.5					T__		28.4		---	ML	1.0	6914690	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	208.6	Lg	11:48:25.748	-0.1					T__				---		6914684	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.86	227.3	Pn	11:48:26.944	-0.8					T__		33.7		---	ML	1.5	6914691	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	227.3	Lg	11:48:39.473	-1.1					T__				---		6914685	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
ET1H	0.90	226.2	Lg	11:48:41.371	-0.1					T__				---		6914692	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/15	00:37:08.85	1.52	0.76	45.9144	18.3433	12.1	4.5	156	10.0f		6	3	235	0.24	0.37	ke	BUD	17002644	BUD			314

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.4	3 BUD	17002644

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.24	315.8	Pg	00:37:14.116	-0.2					T__		34.8		---	ML	0.5	6915127	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.24	315.8	Lg	00:37:18.758	0.6					T__				---		6915128	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.5 magdef=1)																									
(Station ML: 0.5 magdef=1)																									
MORH	0.37	34.7	Pg	00:37:16.801	0.4					T__		28.6		---	ML	0.8	6915130	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.37	34.7	Lg	00:37:21.098	-1.1					T__				---		6915131	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
A273A	0.37	270.5	Pg	00:37:16.418	-0.1					T__		94.8		---	ML	1.3	6915129	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.37	270.5	Lg	00:37:21.865	0.2					T__				---		6915132	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/15	07:46:31.49	1.14	0.71	48.9915	16.3261	11.0	4.2	99	0.0f	12	6	192	0.08	1.29	sx	BUD	17002646	BUD				207

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	5 BUD	17002646

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.08	32.8	Pg	07:46:33.208	-0.0					T__		522.6		_c	ML	1.3	6915162	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.08	32.8	Lg	07:46:34.167	-0.5					T__				---		6915163	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VRAC	0.36	28.9	Pg	07:46:38.387	-0.1					T__		21.4		---	ML	0.6	6915165	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.36	28.9	Lg	07:46:43.067	-0.8					T__				---		6915164	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=0)																									
MODS	0.88	134.1	Pg	07:46:49.455	0.1					T__				---		6915166	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.88	134.1	Lg	07:47:01.884	-0.9					T__				---		6915167	FDSN	SK	--	BUD	iLoc	HHE	???	_	
CONA	1.11	196.4	Pg	07:46:53.023	-0.3					T__		50.4		---	ML	1.8	6915169	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.11	196.4	Lg	07:47:08.560	0.9					T__				---		6915168	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MORC	1.12	44.9	Pg	07:46:53.253	1.0					T__		35.9		---	ML	1.7	6915170	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.12	44.9	Lg	07:47:08.636	0.8					T__				---		6915171	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
RONA	1.29	180.9	Pn	07:46:56.744	0.3					T__		42.7		---	ML	1.8	6915173	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.29	180.9	Lg	07:47:13.547	-0.2					T__				---		6915172	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/15	08:06:28.93	0.86	0.52	47.7814	16.1641	6.3	3.2	34	9.0f	14	7	87	0.12	1.29	ke	BUD	17002648	BUD				173

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.5	6 BUD	17002648

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	132.4	Pg	08:06:32.375	0.3					T__		289.0		---	ML	1.1	6915210	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	132.4	Lg	08:06:33.987	-0.4					T__				---		6915211	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.25	305.9	Pg	08:06:34.447	0.1					T__		71.7		---	ML	0.9	6915213	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.25	305.9	Lg	08:06:38.283	0.2					T__				---		6915212	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
SOP	0.28	110.1	Pg	08:06:35.099	0.2					T__		69.4		---	ML	0.9	6915214	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.28	110.1	Lg	08:06:38.782	-0.2					T__				---		6915215	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
A008A	0.68	329.9	Pg	08:06:42.158	0.1					T__		93.3		---	ML	1.8	6915218	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.68	329.9	Lg	08:06:51.135	-0.3					T__				---		6915219	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 1.8 magdef=1)																									

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(Station ML: 1.8 magdef=0
ARSA 0.69 219.5 Pg 08:06:42.158 -0.2 T__ 61.8 --- ML 1.7 6915217 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.69 219.5 Lg 08:06:51.135 0.1 T__ --- 6915216 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.95 51.1 Pn 08:06:47.452 -0.5 T__ --- 6915221 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.95 51.1 Sn 08:07:00.611 -1.5 T__ --- 6915220 FDSN SK -- BUD iLoc HHE ??? _
KRUC 1.29 6.8 Pn 08:06:52.670 0.1 T__ 38.1 --- ML 1.8 6915222 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.29 6.8 Sn 08:07:10.163 0.3 T__ --- 6915223 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/15 08:47:46.01 0.94 1.10 46.9049 17.3637 4.6 4.4 80 0.0f 12 9 98 0.15 1.45 sx BUD 17002650 BUD 138

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 3 BUD 17002650

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A261A 0.15 287.8 Pg 08:47:49.915 0.1 T__ 5394.0 --- ML 2.5 6915258 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.15 287.8 Lg 08:47:52.294 -0.5 T__ --- 6915259 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A263A 0.27 187.2 Lg 08:47:55.286 -1.0 T__ --- 6915261 FDSN Z3 00 BUD iLoc HHZ ??? _
MPLH 0.29 24.3 Pg 08:47:52.907 0.4 T__ 387.9 --- ML 1.7 6915263 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.29 24.3 Lg 08:47:56.590 -1.0 T__ --- 6915262 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU08A 0.65 35.8 Lg 08:48:09.557 -0.5 T__ --- 6915264 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 0.96 147.8 Pg 08:48:06.335 0.9 T__ 35.7 --- ML 1.6 6915266 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.96 147.8 Lg 08:48:18.227 -0.9 T__ --- 6915265 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
RONA 1.08 318.0 Lg 08:48:21.526 -0.2 T__ --- 6915267 FDSN OE -- BUD iLoc HHN ??? _
MORH 1.12 127.5 Sn 08:48:22.294 -2.1 T__ --- 6915268 FDSN HU -- BUD iLoc HHN ??? _
ARSA 1.30 286.0 Lg 08:48:28.739 1.2 T__ --- 6915269 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.45 315.7 Sn 08:48:31.654 -1.0 T__ --- 6915270 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/15 10:09:41.12 1.15 0.53 47.9257 20.1239 11.7 3.1 157 0.0f 12 6 191 0.15 1.03 sx BUD 17002652 BUD 204

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 6 BUD 17002652

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.15 267.4 Pg 10:09:45.217 0.2 T__ 660.1 --- ML 1.5 6915301 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.15 267.4 Lg 10:09:48.209 -0.1 T__ --- 6915302 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.18 254.8 Pg 10:09:45.524 0.2 T__ 524.4 --- ML 1.5 6915303 FDSN HU -- BUD iLoc HHZ HHZ _

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```

ET1H  0.18 254.8 Lg      10:09:48.291 -0.3      T__          ---          6915306      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
HU02A  0.33  53.7 Pg      10:09:48.516   0.1      T__          96.2      --- ML      1.2 6915304      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A  0.33  53.7 Lg      10:09:53.887 -0.3      T__          ---          6915305      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=0
JOS    0.63  25.8 Pg      10:09:54.352   0.5      T__          35.6      --- ML      1.4 6915308      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS    0.63  25.8 Lg      10:10:03.790   0.2      T__          ---          6915307      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.4 magdef=1
(Station ML:  1.4 magdef=1
ABAH   0.83  63.2 Pg      10:09:58.035   0.3      T__          61.4      --- ML      1.8 6915309      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ABAH   0.83  63.2 Lg      10:10:10.235  -1.0      T__          ---          6915310      FDSN HU      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=0
VYHS   1.03 303.9 Pn      10:10:02.255   0.4      T__          15.3      --- ML      1.3 6915312      FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS   1.03 303.9 Lg      10:10:16.219  -0.8      T__          ---          6915311      FDSN SK      -- BUD  iLoc  HHE ??? _
(Reading ML:  1.3 magdef=1
(Station ML:  1.3 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/15 12:58:32.20  0.95  1.09 46.6946  18.4540  5.0  3.5 149  2.0f  11  7 124  0.21  0.71  ke BUD      17002654  BUD  200

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Magnitude  Err Nsta Author      OrigID
ML         2.2 0.1   5 BUD      17002654

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
A266A  0.21 217.7 Pg      12:58:36.680 -0.1      T__          610.4      --- ML      1.7 6915347      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
A266A  0.21 217.7 Lg      12:58:39.289 -0.9      T__          ---          6915348      FDSN Z3      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
A267A  0.25  4.4 Lg      12:58:41.837   0.1      T__          ---          6915354      FDSN Z3      00 BUD  iLoc  HHN ??? _
A272A  0.36  81.8 Lg      12:58:44.906  -0.5      T__          ---          6915355      FDSN Z3      00 BUD  iLoc  HHE ??? _
MORH   0.50 164.7 Pg      12:58:42.489   0.3      T__          34.2      --- ML      1.2 6915357      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH   0.50 164.7 Lg      12:58:48.493  -1.1      T__          ---          6915356      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.2 magdef=1
(Station ML:  1.2 magdef=0
A265A  0.53 239.5 Pg      12:58:43.739   0.8      T__          392.0      --- ML      2.4 6915349      FDSN Z3      00 BUD  iLoc  HHZ HHZ _
(Reading ML:  2.4 magdef=1
(Station ML:  2.4 magdef=0
HU22A  0.59 127.9 Pg      12:58:45.196   1.1      T__          272.0      --- ML      2.3 6915350      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU22A  0.59 127.9 Lg      12:58:55.094   1.5      T__          ---          6915351      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  2.3 magdef=1
(Station ML:  2.3 magdef=1
HU04A  0.71  80.2 Pg      12:58:46.501  -0.3      T__          194.0      --- ML      2.2 6915353      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU04A  0.71  80.2 Lg      12:58:56.207  -1.6      T__          ---          6915352      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  2.2 magdef=1
(Station ML:  2.2 magdef=1

```

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

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2021/09/15 13:21:12.33 0.89 0.70 47.3430 16.3959 4.8 3.6 43 0.0f 13 8 75 0.22 1.19 sx BUD 17002656 BUD 142

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 4 BUD 17002656

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A260A	0.22	105.7	Pg	13:21:17.143	-0.0					T__		934.9		---	ML	1.9 6915417	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.22	105.7	Lg	13:21:20.791	0.0					T__				---		6915419	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
RONA	0.36	349.3	Pg	13:21:19.982	0.1					T__		203.9		---	ML	1.6 6915418	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.36	349.3	Lg	13:21:25.468	0.4					T__				---		6915421	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
A262A	0.49	169.3	Lg	13:21:28.690	-0.3					T__				---		6915422	FDSN	Z3	00	BUD	iLoc	HHN	???	_
ARSA	0.60	261.5	Pg	13:21:23.971	-0.0					T__		52.4		---	ML	1.6 6915424	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.60	261.5	Lg	13:21:30.953	-0.6					T__				---		6915423	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
CONA	0.69	328.5	Lg	13:21:34.713	-0.4					T__				---		6915425	FDSN	OE	--	BUD	iLoc	HHN	???	_
MPLH	0.80	102.1	Lg	13:21:39.777	-0.6					T__				---		6915426	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOGS	0.90	186.4	Pg	13:21:30.455	0.4					T__		71.5		---	ML	1.9 6915428	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.90	186.4	Lg	13:21:42.539	0.8					T__				---		6915427	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
MODS	1.19	29.6	Pn	13:21:36.363	0.7					T__				---		6915429	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.19	29.6	Sn	13:21:51.482	-1.5					T__				---		6915420	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/09/16 06:38:40.52 1.55 1.02 48.6579 19.2677 15.5 4.0 173 0.0f 8 5 220 0.33 0.99 sx BUD 17002658 BUD 310

Magnitude Err Nsta Author OrigID  
ML 1.4 0.6 3 BUD 17002658

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.33	240.4	Pg	06:38:47.360	-0.0					T__		23.5		---	ML	0.6 6915456	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	240.4	Lg	06:38:52.347	-0.1					T__				---		6915457	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																								
KECS	0.83	101.7	Pg	06:38:56.567	-0.4					T__		65.6		---	ML	1.8 6915459	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.83	101.7	Lg	06:39:09.611	0.3					T__				---		6915458	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
PSZ	0.85	150.3	Lg	06:39:10.544	-0.7					T__				---		6915461	FDSN	GE	--	BUD	iLoc	HHN	???	_
JOS	0.86	100.4	Lg	06:39:09.930	-0.5					T__				---		6915460	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
HU02A	0.99	122.1	Pn	06:39:01.797	1.0					T__		22.5		---	ML	1.4 6915463	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	122.1	Lg	06:39:17.296	1.8					T__				---		6915462	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/16	08:34:49.99	1.35	0.91	47.3736	18.3785	9.1	4.4	123	0.0f	14	9	109	0.08	1.30	sx	BUD	17002660	BUD				155

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	17002660

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.08	262.6	Pg	08:34:52.764	0.5					T__		2348.2		___	ML	1.9	6915512	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	262.6	Lg	08:34:54.145	-0.4					T__				---		6915513	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
MSW1	0.08	283.4	Pg	08:34:52.905	0.6					T__		1234.9		___	ML	1.6	6915520	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	283.4	Lg	08:34:54.133	-0.5					T__				---		6915521	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
MSW2	0.13	238.0	Pg	08:34:53.779	0.5					T__		248.4		___	ML	1.1	6915522	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.13	238.0	Lg	08:34:55.456	-0.9					T__				---		6915523	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
HU09A	0.27	0.6	Lg	08:35:00.534	-0.3					T__				---		6915524	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU08A	0.31	280.8	Lg	08:35:01.716	-0.7					T__				---		6915525	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	1.16	61.4	Pn	08:35:12.713	0.1					T__		41.7		___	ML	1.8	6915515	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.16	61.4	Sn	08:35:29.363	-1.3					T__				---		6915514	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
VYHS	1.16	15.2	Pn	08:35:13.404	0.8					T__		11.8		___	ML	1.2	6915518	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	15.2	Lg	08:35:29.439	-1.0					T__				---		6915517	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
MORH	1.17	171.0	Sn	08:35:28.289	-1.8					T__				---		6915516	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.30	188.6	Sn	08:35:33.199	-0.0					T__				---		6915519	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/16	08:44:57.48	1.91	0.32	48.3956	20.6561	15.8	3.8	81	0.0f	8	5	235	0.13	0.74	sx	BUD	17002662	BUD				263

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	3 BUD	17002662

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.13	322.3	Pg	08:45:00.318	0.0					T__		225.0		_c_	ML	1.0	6915555	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.13	322.3	Lg	08:45:02.294	-0.2					T__				---		6915554	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
KECS	0.14	307.7	Pg	08:45:00.817	0.2					T__		264.1		___	ML	1.1	6915556	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.14	307.7	Lg	08:45:03.138	0.0					T__				---		6915557	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
HU02A	0.29	197.8	Pg	08:45:04.058	0.2					T__		26.6		___	ML	0.5	6915558	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.29	197.8	Lg	08:45:08.336	-0.5					T__				---		6915559	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																									
PSZ	0.70	227.2	Lg	08:45:22.799	-0.3					T__				---		6915560	FDSN	GE	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/09/16	08:51:47.07	1.58	0.99	46.2409	18.2251	15.9	4.0	145	0.0f	5	3	195		0.18	0.72	kx	BUD	17002664	BUD			310			
2021/09/16	08:51:47.63	1.01	1.10	46.1765	18.2926f				0.0f	5	3	162		0.16	0.73	kx	BUD_GT	17002665	BUD_GT			318			
(locality : Komló Hungary)																									
(GT info : GT2 explosion)																									
Magnitude	Err	Nsta	Author	OrigID																					
KOVH	0.16	236.7	Pg	08:51:51.608	0.1					T__															
KOVH	0.16	236.7	Lg	08:51:53.757	-0.8					T__															
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	0.25	80.9	Pg	08:51:53.910	0.8					T__															
MORH	0.25	80.9	Lg	08:51:57.746	0.2					T__															
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A272A	0.73	39.1	Lg	08:52:13.015	-1.9					T__															
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/09/16	09:08:49.79	1.00	1.30	46.0715	22.8373	7.2	3.9	66	0.0f	12	7	140		0.19	1.70	sx	BUD	17002666	BUD			200			
Magnitude	Err	Nsta	Author	OrigID																					
ML	1.7	0.0	5	BUD	17002666																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.19	166.2	Pg	09:08:53.913	0.4					T__		1022.1			ML	1.8	6915614	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.19	166.2	Lg	09:08:56.368	0.2					T__							6915613	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
GZR	0.68	183.6	Pg	09:09:03.196	0.4					T__		61.4			ML	1.7	6915615	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.68	183.6	Lg	09:09:10.716	-1.8					T__							6915616	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.73	353.1	Pg	09:09:04.884	0.5					T__		51.2			ML	1.6	6915617	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.73	353.1	Lg	09:09:14.629	-1.5					T__							6915618	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
SIRR	0.84	283.9	Pg	09:09:06.879	-0.1					T__		52.7			ML	1.7	6915621	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.84	283.9	Lg	09:09:19.999	0.8					T__							6915622	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LOT	0.90	133.4	Pg	09:09:07.647	0.5					T__		130.9			ML	2.1	6915620	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.90	133.4	Lg	09:09:17.774	-2.5					T__							6915619	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
BZS	0.97	242.4	Lg	09:09:21.994	-0.3					T__							6915623	FDSN	RO	--	BUD	iLoc	HHN	???	_
HU06A	1.70	293.0	Sn	09:09:43.631	1.3					T__							6915624	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/16	09:15:42.10	0.97	0.76	46.1221	21.6939	9.7	3.8	86	0.0f		9	5	148	0.15	1.05	sx	BUD	17002668	BUD			201

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.5	4 BUD	17002668

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.15	350.7	Pg	09:15:45.992	0.3					T__		647.3		---	ML	1.5	6915654	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.15	350.7	Lg	09:15:48.294	-0.3					T__				---		6915655	FDSN	RO	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
BZS	0.51	186.1	Pg	09:15:52.360	0.2					T__		43.0		---	ML	1.3	6915657	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.51	186.1	Lg	09:15:59.112	-0.4					T__				---		6915656	FDSN	RO	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
HU24A	0.87	335.1	Lg	09:16:11.772	-1.1					T__				---		6915658	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
DRGR	0.97	46.0	Pg	09:16:01.567	0.1					T__		165.6		---	ML	2.3	6915660	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.97	46.0	Lg	09:16:14.687	-1.2					T__				---		6915659	FDSN	RO	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=1)																					
GZR	1.05	133.5	Pn	09:16:04.176	0.7					T__		94.3		---	ML	2.1	6915661	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.05	133.5	Lg	09:16:16.913	0.1					T__				---		6915662	FDSN	RO	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/16	09:18:20.18	0.92	1.16	48.7756	21.5949	6.8	4.0	166	0.0f		16	9	122	0.47	1.46	sx	BUD	17002670	BUD			187

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	7 BUD	17002670

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.47	70.3	Pg	09:18:30.130	0.7					T__				---		6915700	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.47	70.3	Lg	09:18:35.424	-1.9					T__				---		6915701	FDSN	SK	--	BUD	iLoc	HNN	???	_	
ABAH	0.53	206.3	Lg	09:18:38.416	-1.6					T__				---		6915702	FDSN	HU	--	BUD	iLoc	HNN	???	_	
JOS	0.75	248.6	Pg	09:18:35.040	-0.1					T__		142.7		---	ML	2.1	6915704	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.75	248.6	Lg	09:18:46.166	-0.3					T__				---		6915703	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=1)																					
KECS	0.79	248.7	Pg	09:18:37.035	1.1					T__		225.8		---	ML	2.3	6915705	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.79	248.7	Lg	09:18:47.854	0.1					T__				---		6915706	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.3 magdef=1)																					
				(Station ML: 2.3 magdef=0)																					
TRPA	0.90	135.4	Pg	09:18:38.340	0.7					T__		65.7		---	ML	1.8	6915708	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.90	135.4	Lg	09:18:50.002	-2.2					T__				---		6915707	FDSN	HU	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
HU02A	0.97	227.8	Pn	09:18:40.104	0.1					T__		137.9		---	ML	2.2	6915709	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.97	227.8	Lg	09:18:53.225	-1.4					T__				---		6915710	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
NIE 1.07 307.6 Pg 09:18:40.335 0.0 T__ 23.8 ___ ML 1.5 6915712 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.07 307.6 Lg 09:18:55.450 -0.7 T__ ___ 6915711 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
PSZ 1.42 233.5 Pn 09:18:47.163 0.7 T__ 53.6 ___ ML 2.0 6915713 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.46 232.7 Pn 09:18:47.777 1.0 T__ 34.7 ___ ML 1.9 6915714 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.46 232.7 Sn 09:19:07.649 -0.0 T__ ___ 6915715 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/16	09:42:45.40	0.91	0.94	48.2570	21.2319	5.7	3.9	7	0.0f		16	9	127	0.04	1.32	kx	BUD	17002672	BUD			150
2021/09/16	09:42:45.25	0.88	0.89	48.2470	21.2460f				0.0f		16	9	128	0.05	1.33	kx	BUD_GT	17002673	BUD_GT			151

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	8 BUD_GT	17002673

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
ABAH	0.05	355.1	Pg	09:42:46.997	0.2					T__		11947.7		___	ML	2.5 6915760	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:42:47.841	-0.6					T__				___		6915761	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.50	255.8	Pg	09:42:56.242	0.4					T__		103.8		___	ML	1.7 6915763	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:43:02.918	-1.0					T__				___		6915764	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU07A	0.52	120.5	Pg	09:42:56.895	1.0					T__		440.1		___	ML	2.4 6915762	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Pg	09:42:56.396	0.4					T__		105.3		___	ML	1.8 6915766	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:43:04.107	-0.0					T__				___		6915765	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
KECS	0.56	295.3	Pg	09:42:56.895	0.4					T__		181.6		___	ML	2.1 6915767	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	09:43:05.181	0.1					T__				___		6915768	FDSN	SK	--	BUD	iLoc	EHN	???	_
TRPA	0.87	97.2	Pg	09:43:02.879	0.6					T__		153.8		___	ML	2.2 6915770	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	09:43:15.271	-1.4					T__				___		6915769	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.96	250.6	Pn	09:43:04.836	-0.2					T__		86.1		___	ML	2.0 6915771	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:43:18.647	-1.4					T__				___		6915772	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.99	248.7	Pn	09:43:05.603	0.3					T__		48.3		___	ML	1.7 6915774	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

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ET1H  0.99 248.7 Lg      09:43:19.184 -1.4      T__      ---      6915773  FDSN HU      -- BUD  iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE   1.33 332.3 Lg      09:43:28.161 -1.7      T__      ---      6915775  FDSN PL      -- BUD  iLoc BHE ??? _

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/16 10:04:16.19  0.83  1.02 48.6699  18.6133  5.8   3.1  37  0.0f      15   9 112  0.23  1.34  sx BUD      17002674  BUD      147

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Magnitude Err Nsta Author      OrigID
ML      1.7 0.1   7 BUD      17002674

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
VYHS  0.23 139.9 Pg      10:04:21.222  0.2      T__      159.3      --- ML  1.1 6915820  FDSN SK      -- BUD  iLoc HHZ HHZ _
VYHS  0.23 139.9 Lg      10:04:25.058  0.3      T__      ---      6915821  FDSN SK      -- BUD  iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
A331A 0.55 331.8 Pg      10:04:27.207  0.2      T__      114.6      --- ML  1.9 6915822  FDSN Z3      00 BUD  iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JAVC  0.65 287.2 Pg      10:04:29.508 -0.2      T__      72.2      --- ML  1.7 6915823  FDSN CZ      -- BUD  iLoc HHZ HHZ _
JAVC  0.65 287.2 Lg      10:04:39.329 -0.6      T__      ---      6915824  FDSN CZ      -- BUD  iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS  0.94 252.0 Lg      10:04:49.150 -0.2      T__      ---      6915825  FDSN SK      -- BUD  iLoc HHN ??? _
PSZ   1.14 130.8 Pn      10:04:40.250  1.5      T__      40.3      --- ML  1.7 6915827  FDSN GE      -- BUD  iLoc HHZ HHZ _
PSZ   1.14 130.8 Lg      10:04:55.288 -1.5      T__      ---      6915826  FDSN GE      -- BUD  iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H  1.15 132.8 Pn      10:04:40.557  1.8      T__      28.1      --- ML  1.6 6915828  FDSN HU      -- BUD  iLoc HHZ HHZ _
ET1H  1.15 132.8 Sn      10:04:56.056 -0.4      T__      ---      6915829  FDSN HU      -- BUD  iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS  1.26 97.8 Pn      10:04:41.631  1.5      T__      80.3      --- ML  2.1 6915831  FDSN SK      -- BUD  iLoc EHZ EHZ _
KECS  1.26 97.8 Lg      10:04:58.051 -0.9      T__      ---      6915830  FDSN SK      -- BUD  iLoc EHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MORC  1.31 328.0 Pg      10:04:40.710  0.2      T__      37.8      --- ML  1.8 6915833  FDSN CZ      -- BUD  iLoc HHZ HHZ _
MORC  1.31 328.0 Lg      10:04:58.971  0.2      T__      ---      6915832  FDSN CZ      -- BUD  iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
NIE   1.34 55.3 Lg      10:04:59.585 -0.7      T__      ---      6915834  FDSN PL      -- BUD  iLoc BHN ??? _

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/16 13:12:08.36  0.98  0.87 47.5655  18.4568  6.0   3.2  99  0.0f      10   6 110  0.09  0.96  sx BUD      17002676  BUD      197

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Magnitude Err Nsta Author      OrigID
ML      1.0 0.2   4 BUD      17002676

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU09A 0.09 325.5 Pg      13:12:11.334  0.6      T__      925.6      --- ML  1.5 6915872  FDSN ZJ      00 BUD  iLoc HHZ HHZ _

```

HU09A	0.09	325.5	Lg	13:12:12.307	-0.7	T__	---	6915873	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
MSW1	0.22	217.9	Pg	13:12:13.801	0.5	T__	144.0	---	ML	1.1	6915875	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.22	217.9	Lg	13:12:16.650	-1.0	T__	---	6915874	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
CSKK	0.24	213.4	Pg	13:12:14.565	0.8	T__	109.6	---	ML	1.0	6915876	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	213.4	Lg	13:12:17.464	-1.0	T__	---	6915869	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
MSW2	0.31	212.5	Pg	13:12:15.449	0.4	T__	37.6	---	ML	0.7	6915870	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.31	212.5	Lg	13:12:20.262	-0.5	T__	---	6915871	FDSN	HU	--	BUD	iLoc	HHE	???	_			
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
BUD	0.39	101.8	Lg	13:12:23.216	-0.5	T__	---	6915877	FDSN	HU	--	BUD	iLoc	HHE	???	_			
VYHS	0.96	15.2	Lg	13:12:41.073	-1.0	T__	---	6915878	FDSN	SK	--	BUD	iLoc	HHE	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/17	08:03:31.52	1.04	0.72	46.1723	17.9991	5.0	4.1	59	2.0f	6	4	124	0.11	0.45	ke	BUD	17002678	BUD				237

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	17002678

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.11	140.1	Pg	08:03:33.877	-0.2					T__		793.3		---	ML	1.5	6915937	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.11	140.1	Lg	08:03:35.258	-0.8					T__				---		6915938	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A273A	0.29	206.5	Pg	08:03:37.943	0.5					T__		578.8		---	ML	1.9	6915942	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A265A	0.29	330.8	Pg	08:03:37.445	-0.1					T__		579.8		---	ML	1.9	6915941	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORH	0.45	84.3	Pg	08:03:41.358	0.8					T__		25.3		---	ML	1.0	6915940	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.45	84.3	Lg	08:03:47.189	-0.2					T__				---		6915939	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/17	08:27:11.88	1.02	0.48	46.1457	18.3027	8.0	3.6	157	0.0f	6	4	174	0.15	0.70	kx	BUD	17002680	BUD				251
2021/09/17	08:27:11.95	0.99	0.53	46.1765	18.2926f				0.0f	6	4	155	0.16	0.70	kx	BUD_GT	17002681	BUD_GT				239

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	3 BUD_GT	17002681

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

KOVH	0.16	236.7	Pg	08:27:15.531	-0.3	T__	998.8	___	ML	1.7	6915966	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	08:27:18.601	-0.3	T__		---			6915967	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MORH	0.25	80.9	Pg	08:27:17.603	0.1	T__	245.6	___	ML	1.4	6915969	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	08:27:21.209	-0.7	T__		---			6915968	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
A266A	0.35	356.8	Pg	08:27:20.058	0.5	T__	477.6	___	ML	2.0	6915970	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
A264A	0.70	269.0	Lg	08:27:36.631	0.7	T__		---			6915971	FDSN	Z3	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/17	09:49:58.76	0.86	1.16	48.4031	19.1073	8.5	2.9	24	0.0f		16	9	147	0.20	1.22	sx	BUD	17002682	BUD			147

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	7 BUD	17002682

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.20	296.8	Pg	09:50:04.335	1.2					T__		245.0		_c_	ML	1.3	6916007	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.20	296.8	Lg	09:50:06.061	-0.4					T__				---		6916008	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	0.72	132.3	Pg	09:50:14.654	0.6					T__		43.8		___	ML	1.5	6916010	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.72	132.3	Lg	09:50:24.168	-0.8					T__				---		6916009	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.73	135.4	Pg	09:50:14.654	0.5					T__		31.6		___	ML	1.4	6916011	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.73	135.4	Lg	09:50:25.166	0.1					T__				---		6916012	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.92	84.5	Pg	09:50:17.647	0.6					T__		95.4		___	ML	2.0	6916014	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.92	84.5	Lg	09:50:30.153	-0.7					T__				---		6916013	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
JOS	0.96	83.9	Pg	09:50:18.337	0.6					T__		30.2		___	ML	1.5	6916015	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.96	83.9	Lg	09:50:31.918	-0.1					T__				---		6916016	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.99	106.0	Pn	09:50:19.411	0.5					T__		44.5		___	ML	1.7	6916018	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	106.0	Lg	09:50:32.531	-1.5					T__				---		6916017	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JAVC	1.06	296.1	Pg	09:50:19.872	-0.4					T__		53.8		___	ML	1.8	6916019	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.06	296.1	Lg	09:50:34.296	-2.0					T__				---		6916020	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CSKK	1.19	209.0	Sn	09:50:38.670	-1.1					T__				---		6916022	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MODS	1.22	269.3	Sn	09:50:38.670	-2.4					T__				---		6916021	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/17	10:49:55.28	1.02	1.14	48.5561	17.3836	8.8	3.2	125	0.0f	8	4	184	0.20	0.97	sx	BUD	17002684	BUD				245

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.20	201.2	Pg	10:50:00.299	0.5					T__						6916053	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.20	201.2	Lg	10:50:02.447	-1.1					T__						6916054	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.36	32.0	Pg	10:50:02.984	-0.0					T__		87.0				6916057	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	32.0	Lg	10:50:09.352	0.3					T__						6916058	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
ZST	0.41	207.6	Pg	10:50:04.442	0.6					T__						6916056	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.41	207.6	Lg	10:50:09.352	-1.0					T__						6916055	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	0.97	93.1	Pg	10:50:15.874	1.1					T__		22.0				6916060	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	93.1	Lg	10:50:27.230	-1.6					T__						6916059	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/17	16:52:35.20	2.59	0.92	47.7781	16.1908	13.6	6.1	57	8.2	25.3	6	4	131	0.11	1.29	ke	BUD	17002686	BUD				214

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.11	137.7	Pg	16:52:38.143	0.1					T__		26.5				6916079	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	137.7	Lg	16:52:39.946	-0.1					T__						6916080	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.0 magdef=1)																								
(Station ML: 0.0 magdef=1)																								
CONA	0.27	304.2	Pg	16:52:41.097	0.2					T__		23.8				6916082	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	304.2	Lg	16:52:44.549	-0.3					T__						6916081	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.4 magdef=1)																								
(Station ML: 0.4 magdef=1)																								
ARSA	0.70	220.9	Lg	16:52:57.439	-0.1					T__						6916083	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.29	6.0	Sn	16:53:15.125	-1.2					T__						6916084	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/18	03:05:01.09	0.70	0.74	47.4429	16.9383	3.0	2.4	33	8.4	6.0	69	40	41	0.22	2.64	ke	BUD	17002688	BUD				59

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	33 BUD	17002688

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A260A	0.22	224.8	Pg	03:05:05.831	-0.2					T__		3597.1				6916319	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.22	224.8	Lg	03:05:08.823	-0.6					T__						6916320	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																								
(Station ML: 2.5 magdef=1)																								
EGYH	0.27	95.4	Pg	03:05:07.595	0.7					T__		1459.0				6916322	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.27	95.4	Lg	03:05:12.391	1.2					T__						6916321	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								

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(Station ML: 2.2 magdef=1
SOP 0.35 313.2 Pg 03:05:08.643 0.3 T__ 229.4 _c_ ML 1.6 6916345 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.35 313.2 Lg 03:05:13.746 0.5 T__ --- 6916346 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
MPLH 0.49 123.5 Pg 03:05:10.968 -0.1 T__ 325.4 --- ML 2.2 6916351 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.49 123.5 Lg 03:05:17.870 -0.6 T__ --- 6916365 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
RONA 0.50 300.8 Pg 03:05:11.357 0.0 T__ 138.7 --- ML 1.8 6916347 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.50 300.8 Lg 03:05:18.416 0.2 T__ --- 6916348 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
A261A 0.51 163.6 Pg 03:05:11.241 -0.2 T__ 286.6 --- ML 2.2 6916349 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.51 163.6 Lg 03:05:18.952 0.3 T__ --- 6916350 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A262A 0.64 206.0 Pg 03:05:13.630 -0.3 T__ 636.0 --- ML 2.7 6916352 FDSN Z3 00 BUD iLoc HHZ HHZ _
A262A 0.64 206.0 Lg 03:05:22.516 0.1 T__ --- 6916366 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
HU08A 0.67 90.6 Pg 03:05:14.352 -0.1 T__ 255.5 --- ML 2.3 6916353 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.67 90.6 Lg 03:05:24.019 -0.8 T__ --- 6916354 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
ZST 0.76 8.3 Pg 03:05:16.329 0.0 T__ --- 6916367 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.76 8.3 Lg 03:05:26.996 -0.6 T__ --- 6916368 FDSN SK -- BUD iLoc HHE ??? _
A263A 0.84 162.1 Pn 03:05:18.158 0.1 T__ 225.6 --- ML 2.3 6916363 FDSN Z3 00 BUD iLoc HHZ HHZ _
A263A 0.84 162.1 Lg 03:05:29.015 0.0 T__ --- 6916362 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
TIH 0.85 129.5 Pn 03:05:18.265 0.2 T__ 497.2 --- ML 2.7 6916324 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=0
CONA 0.87 304.1 Pg 03:05:18.114 -0.3 T__ 96.4 --- ML 2.0 6916325 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.87 304.1 Lg 03:05:29.912 0.0 T__ --- 6916369 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CSKK 0.90 94.6 Pg 03:05:19.338 0.5 T__ 209.1 --- ML 2.3 6916326 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.90 94.6 Sn 03:05:31.523 -1.0 T__ --- 6916370 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
MODS 0.96 13.6 Pn 03:05:19.849 -0.1 T__ --- 6916329 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.96 13.6 Sn 03:05:33.673 -0.6 T__ --- 6916355 FDSN SK -- BUD iLoc HHN ??? _
BEHE 0.98 186.6 Pg 03:05:20.346 0.0 T__ 317.0 --- ML 2.5 6916328 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.98 186.6 Sn 03:05:33.301 -0.6 T__ --- 6916372 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ARSA 0.98 259.2 Pg 03:05:19.252 -0.9 T__ 107.3 --- ML 2.1 6916327 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.98 259.2 Lg 03:05:32.069 -0.4 T__ --- 6916371 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU09A 1.00 78.2 Pn 03:05:20.495 0.3 T__ 347.8 --- ML 2.6 6916330 FDSN ZJ 00 BUD iLoc HHZ HHZ _

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HU09A	1.00	78.2	Sn	03:05:34.929	0.1	T__			6916356	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
SR0	1.00	67.8	Pn	03:05:20.821	0.6	T__	910.3	---	ML	3.0	6916331	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	1.00	67.8	Sn	03:05:35.088	0.1	T__		---			6916357	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=0)																			
A005B	1.05	332.3	Pg	03:05:21.926	0.5	T__	395.0	---	ML	2.7	6916332	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	1.05	332.3	Lg	03:05:36.146	-0.1	T__		---			6916358	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
KOGS	1.10	205.6	Pn	03:05:21.361	-0.4	T__	99.5	---	ML	2.1	6916333	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.10	205.6	Sn	03:05:36.444	-0.3	T__		---			6916359	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
A338A	1.11	58.5	Pn	03:05:22.395	0.6	T__	186.0	---	ML	2.4	6916360	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	1.11	58.5	Sn	03:05:38.737	1.0	T__		---			6916364	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
A008A	1.27	317.4	Pg	03:05:24.795	-0.6	T__	93.9	---	ML	2.2	6916334	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	1.27	317.4	Lg	03:05:41.567	-0.7	T__		---			6916361	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
A264A	1.31	169.2	Pg	03:05:26.131	-0.1	T__	130.6	---	ML	2.3	6916373	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
BUD	1.42	87.6	Sn	03:05:46.291	1.1	T__		---			6916374	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU10A	1.46	73.3	Pn	03:05:27.091	0.5	T__	181.2	---	ML	2.6	6916375	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
JAVC	1.50	18.8	Pn	03:05:28.392	0.8	T__	53.1	---	ML	2.1	6916335	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.50	18.8	Sn	03:05:48.757	0.6	T__		---			6916376	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
A272A	1.55	116.0	Lg	03:05:52.644	-0.6	T__		---			6916377	FDSN	Z3	00	BUD	iLoc	HHE	???	_
KOVH	1.57	149.1	Pn	03:05:28.627	0.7	T__	27.4	---	ML	1.8	6916336	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.57	149.1	Pg	03:05:31.832	0.5	T__		---			6916378	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=0)																			
VYHS	1.65	49.8	Pn	03:05:29.693	0.3	T__	14.0	---	ML	1.6	6916338	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
KRUC	1.66	347.6	Pn	03:05:30.160	0.5	T__	29.9	---	ML	1.9	6916337	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.66	347.6	Sn	03:05:52.644	1.6	T__		---			6916380	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
PTJ	1.68	203.9	Sn	03:05:51.269	-0.2	T__		---			6916379	FDSN	CR	--	BUD	iLoc	BHE	???	_
MORH	1.70	135.8	Sn	03:05:53.071	1.7	T__		---			6916381	FDSN	HU	--	BUD	iLoc	HHN	???	_
VRAC	1.88	353.1	Pn	03:05:33.443	0.7	T__	10.3	---	ML	1.6	6916341	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
OBKA	1.88	241.2	Pn	03:05:33.001	-0.3	T__	51.6	---	ML	2.3	6916339	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.88	241.2	Pg	03:05:36.762	1.1	T__		---			6916383	FDSN	OE	--	BUD	iLoc	HHZ	???	_

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OBKA 1.88 241.2 Lg 03:06:02.221 1.0 T__ --- 6916382 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CRES 1.91 212.8 Pn 03:05:32.490 -0.9 T__ 35.1 --- ML 2.1 6916340 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 1.91 212.8 Lg 03:06:03.122 0.5 T__ --- 6916384 FDSN SL -- BUD iLoc BHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ET1H 2.03 76.5 Pn 03:05:35.436 1.0 T__ 22.9 --- ML 2.0 6916342 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 2.03 76.5 Pg 03:05:38.990 -2.1 T__ --- 6916385 FDSN HU -- BUD iLoc HHZ ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 2.05 75.5 Pg 03:05:39.370 -2.4 T__ 27.1 --- ML 2.1 6916386 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CKRC 2.24 309.0 Lg 03:06:11.987 -0.5 T__ --- 6916388 FDSN CZ -- BUD iLoc HHN ??? _
MORC 2.37 9.5 Pn 03:05:40.133 0.5 T__ 28.6 --- ML 2.3 6916343 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 2.37 9.5 Sn 03:06:09.237 -0.2 T__ --- 6916387 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
JOS 2.64 65.1 Pn 03:05:43.487 0.6 T__ 27.0 --- ML 2.4 6916344 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/18 03:07:04.21 0.70 0.97 47.4478 16.9600 2.7 2.4 28 5.7 6.4 110 64 40 0.24 3.85 ke BUD 17002690 BUD 58

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Magnitude Err Nsta Author OrigID
ML 2.9 0.1 57 BUD 17002690

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A260A 0.24 226.5 Pg 03:07:09.246 -0.0 T__ 29797.1 _d ML 3.4 6916849 FDSN Z3 00 BUD iLoc HHZ HHZ _
A260A 0.24 226.5 Lg 03:07:12.257 -0.5 T__ --- 6916850 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 3.4 magdef=1
(Station ML: 3.4 magdef=0
EGYH 0.25 96.8 Pg 03:07:10.924 1.3 T__ 7263.8 _d ML 2.9 6916851 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.25 96.8 Lg 03:07:14.415 0.7 T__ --- 6916852 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
SOP 0.36 311.0 Pg 03:07:12.046 0.5 T__ 1607.6 _c ML 2.5 6916854 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.36 311.0 Lg 03:07:16.707 0.2 T__ --- 6916853 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
MPLH 0.48 124.9 Pg 03:07:14.063 0.1 T__ 1651.3 --- ML 2.9 6916856 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.48 124.9 Lg 03:07:21.031 -0.2 T__ --- 6916887 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
A261A 0.51 165.4 Pg 03:07:14.034 -0.5 T__ 1450.3 --- ML 2.9 6916857 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.51 165.4 Lg 03:07:21.935 0.2 T__ --- 6916888 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=1
RONA 0.52 299.5 Pg 03:07:14.543 -0.1 T__ 957.0 _d ML 2.7 6916855 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.52 299.5 Lg 03:07:21.722 0.2 T__ --- 6916886 FDSN OE -- BUD iLoc HHN ??? _

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(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1													
A262A 0.65 207.0 Pg	03:07:16.826	-0.4	T__	5027.7	___ ML	3.6 6916858	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_		
A262A 0.65 207.0 Lg	03:07:25.965	0.1	T__		___	6916889	FDSN Z3	00 BUD	iLoc	HHN ???	_		
(Reading ML: 3.6 magdef=1 (Station ML: 3.6 magdef=0													
HU08A 0.65 91.1 Pg	03:07:17.634	0.4	T__	1397.4	___ ML	3.0 6916859	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_		
HU08A 0.65 91.1 Lg	03:07:27.285	-0.1	T__		___	6916890	FDSN ZJ	00 BUD	iLoc	HHN ???	_		
(Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1													
ZST 0.75 7.3 Pn	03:07:19.574	-0.9	T__		___	6916942	FDSN SK	-- BUD	iLoc	HHZ ???	_		
TIH 0.84 130.4 Pg	03:07:21.433	0.6	T__	2987.2	___ ML	3.4 6916862	FDSN HU	-- BUD	iLoc	HHZ HHZ	_		
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=0													
A263A 0.84 163.1 Pg	03:07:21.687	0.8	T__	1541.8	___ ML	3.2 6916943	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_		
A263A 0.84 163.1 Sn	03:07:32.107	-2.0	T__		___	6916892	FDSN Z3	00 BUD	iLoc	HHN ???	_		
(Reading ML: 3.2 magdef=1 (Station ML: 3.2 magdef=0													
CONA 0.88 303.3 Pg	03:07:21.380	-0.3	T__	796.4	___ ML	2.9 6916861	FDSN OE	-- BUD	iLoc	HHZ HHZ	_		
CONA 0.88 303.3 Sn	03:07:33.351	-2.4	T__		___	6916893	FDSN OE	-- BUD	iLoc	HHN ???	_		
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1													
CSKK 0.89 95.0 Pg	03:07:22.161	0.5	T__	1309.1	___ ML	3.1 6916863	FDSN HU	-- BUD	iLoc	HHZ HHZ	_		
CSKK 0.89 95.0 Sn	03:07:35.031	-0.8	T__		___	6916894	FDSN HU	-- BUD	iLoc	HHN ???	_		
(Reading ML: 3.1 magdef=1 (Station ML: 3.1 magdef=1													
A002B 0.95 345.1 Pg	03:07:23.426	0.7	T__	902.4	___ ML	3.0 6916944	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_		
(Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1													
MODS 0.95 12.9 Pg	03:07:23.120	-0.1	T__		___	6916864	FDSN SK	-- BUD	iLoc	HHZ ???	_		
MODS 0.95 12.9 Sn	03:07:36.839	-0.8	T__		___	6916898	FDSN SK	-- BUD	iLoc	HHN ???	_		
HU09A 0.98 78.3 Pg	03:07:23.680	0.1	T__	1943.1	___ ML	3.3 6916865	FDSN ZJ	00 BUD	iLoc	HHZ HHZ	_		
HU09A 0.98 78.3 Sn	03:07:38.040	-0.1	T__		___	6916899	FDSN ZJ	00 BUD	iLoc	HHN ???	_		
(Reading ML: 3.3 magdef=1 (Station ML: 3.3 magdef=0													
SR0 0.99 67.7 Pg	03:07:23.706	-0.0	T__	4587.1	___ ML	3.7 6916866	FDSN SK	-- BUD	iLoc	EHZ EHZ	_		
SR0 0.99 67.7 Sn	03:07:38.132	-0.1	T__		___	6916900	FDSN SK	-- BUD	iLoc	EHN ???	_		
(Reading ML: 3.7 magdef=1 (Station ML: 3.7 magdef=0													
BEHE 0.99 187.4 Pg	03:07:23.624	-0.1	T__	2382.0	___ ML	3.4 6916897	FDSN HU	-- BUD	iLoc	HHZ HHZ	_		
BEHE 0.99 187.4 Lg	03:07:36.591	0.0	T__		___	6916896	FDSN HU	-- BUD	iLoc	HHE ???	_		
(Reading ML: 3.4 magdef=1 (Station ML: 3.4 magdef=0													
ARSA 1.00 259.1 Pg	03:07:22.631	-0.9	T__	820.2	___ ML	3.0 6916945	FDSN OE	-- BUD	iLoc	HHZ HHZ	_		
ARSA 1.00 259.1 Sn	03:07:35.421	-2.5	T__		___	6916895	FDSN OE	-- BUD	iLoc	HHN ???	_		
(Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1													
A005B 1.05 331.5 Pg	03:07:24.599	-0.0	T__	2812.3	___ ML	3.5 6916902	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_		
A005B 1.05 331.5 Lg	03:07:40.213	0.8	T__		___	6916901	FDSN Z3	00 BUD	iLoc	HHN ???	_		
(Reading ML: 3.5 magdef=1 (Station ML: 3.5 magdef=0													
A338A 1.10 58.4 Pg	03:07:25.731	-0.4	T__	792.6	___ ML	3.0 6916868	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_		
A338A 1.10 58.4 Sn	03:07:41.510	0.5	T__		___	6916904	FDSN Z3	00 BUD	iLoc	HH2 ???	_		

(Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 KOGS 1.11 206.2 Pn 03:07:24.230 -1.2 T__ 721.7 ___ ML 3.0 6916867 FDSN SL -- BUD iLoc BHZ BHZ _ KOGS 1.11 206.2 Lg 03:07:39.418 -0.6 T__ ___ 6916903 FDSN SL -- BUD iLoc BHN ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 A267A 1.15 115.2 Pg 03:07:26.555 -0.2 T__ 602.3 ___ ML 2.9 6916869 FDSN Z3 00 BUD iLoc HHZ HHZ _ A267A 1.15 115.2 Sn 03:07:42.296 0.3 T__ ___ 6916905 FDSN Z3 00 BUD iLoc HHN ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 A265A 1.17 150.5 Pg 03:07:26.998 -0.1 T__ 464.1 ___ ML 2.8 6916946 FDSN Z3 00 BUD iLoc HHZ HHZ _ A265A 1.17 150.5 Lg 03:07:42.469 -0.5 T__ ___ 6916906 FDSN Z3 00 BUD iLoc HHN ??? _ (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 A008A 1.27 316.8 Pg 03:07:27.969 -0.6 T__ 583.8 ___ ML 3.0 6916870 FDSN Z3 00 BUD iLoc HHZ HHZ _ A008A 1.27 316.8 Lg 03:07:44.946 -1.0 T__ ___ 6916907 FDSN Z3 00 BUD iLoc HH2 ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 A264A 1.31 169.9 Pg 03:07:29.473 -0.1 T__ 450.9 ___ ML 2.9 6916947 FDSN Z3 00 BUD iLoc HHZ HHZ _ A264A 1.31 169.9 Lg 03:07:44.997 -1.7 T__ ___ 6916908 FDSN Z3 00 BUD iLoc HHE ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 A271A 1.31 102.3 Pg 03:07:28.994 -0.9 T__ 453.5 ___ ML 2.9 6916871 FDSN Z3 00 BUD iLoc HHZ HHZ _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 BUD 1.40 87.8 Pn 03:07:30.141 1.0 T__ 399.5 ___ ML 2.9 6916872 FDSN HU -- BUD iLoc HHZ HHZ _ BUD 1.40 87.8 Sn 03:07:49.575 1.1 T__ ___ 6916909 FDSN HU -- BUD iLoc HHE ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 HU10A 1.45 73.3 Lg 03:07:53.191 -0.5 T__ ___ 6916910 FDSN ZJ 00 BUD iLoc HHE ??? _ JAVC 1.49 18.4 Pn 03:07:31.251 0.3 T__ 355.0 ___ ML 2.9 6916873 FDSN CZ -- BUD iLoc HHZ HHZ _ JAVC 1.49 18.4 Lg 03:07:54.384 -0.3 T__ ___ 6916911 FDSN CZ -- BUD iLoc HHE ??? _ (Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1 A272A 1.54 116.5 Pn 03:07:31.855 0.9 T__ 414.6 ___ ML 3.0 6916948 FDSN Z3 00 BUD iLoc HHZ HHZ _ A272A 1.54 116.5 Sn 03:07:52.476 0.9 T__ ___ 6916912 FDSN Z3 00 BUD iLoc HHE ??? _ (Reading ML: 3.0 magdef=1 (Station ML: 3.0 magdef=1 KOVH 1.57 149.6 Pn 03:07:31.805 0.4 T__ 143.5 ___ ML 2.5 6916874 FDSN HU -- BUD iLoc HHZ HHZ _ KOVH 1.57 149.6 Lg 03:07:53.310 -1.9 T__ ___ 6916913 FDSN HU -- BUD iLoc HHE ??? _ (Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0 VYHS 1.64 49.6 Pn 03:07:32.601 -0.1 T__ 82.0 ___ ML 2.3 6916877 FDSN SK -- BUD iLoc HHZ HHZ _ (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0 A273A 1.64 158.6 Pn 03:07:33.110 0.7 T__ 238.0 ___ ML 2.8 6916949 FDSN Z3 00 BUD iLoc HHZ HHZ _ A273A 1.64 158.6 Lg 03:07:57.968 1.1 T__ ___ 6916950 FDSN Z3 00 BUD iLoc HHN ??? _ (Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1 KRUC 1.66 347.1 Pn 03:07:33.024 -0.0 T__ 186.1 ___ ML 2.7 6916876 FDSN CZ -- BUD iLoc HHZ HHZ _ KRUC 1.66 347.1 Sn 03:07:55.383 0.7 T__ ___ 6916951 FDSN CZ -- BUD iLoc HHN ??? _ (Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=0
--

PTJ	1.69	204.3	Pn	03:07:32.990	-0.7	T__	228.6	___	ML	2.8	6916875	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.69	204.3	Sn	03:07:54.192	-1.2	T__		---			6916914	FDSN	CR	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
MORH	1.69	136.2	Pn	03:07:33.036	0.1	T__	98.6	___	ML	2.4	6916878	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.69	136.2	Sn	03:07:56.051	1.2	T__		---			6916952	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=0)																			
HU01A	1.81	92.3	Pn	03:07:36.086	1.3	T__	464.4	___	ML	3.2	6916916	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	1.81	92.3	Lg	03:08:05.549	-0.0	T__		---			6916915	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=0)																			
HU04A	1.83	109.4	Pn	03:07:35.906	0.9	T__	229.5	___	ML	2.9	6916953	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	1.83	109.4	Lg	03:08:04.469	-1.6	T__		---			6916928	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
HU03A	1.84	74.7	Pn	03:07:36.641	1.4	T__	247.6	___	ML	2.9	6916880	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.84	74.7	Pg	03:07:40.161	-0.3	T__		---			6916918	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
VRAC	1.88	352.7	Pn	03:07:36.440	0.3	T__	51.9	___	ML	2.3	6916881	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
OBKA	1.90	241.3	Pn	03:07:36.066	-0.9	T__	333.7	___	d ML	3.1	6916879	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.90	241.3	Lg	03:08:05.726	0.3	T__		---			6916917	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
A331A	1.90	25.8	Pn	03:07:36.792	0.4	T__	129.2	___	ML	2.7	6916882	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
CRES	1.92	213.1	Pn	03:07:35.845	-1.1	T__	138.6	___	ML	2.7	6916940	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.92	213.1	Pg	03:07:40.862	1.0	T__		---			6916919	FDSN	SL	--	BUD	iLoc	BHZ	???	_
CRES	1.92	213.1	Lg	03:08:07.188	0.9	T__		---			6916941	FDSN	SL	--	BUD	iLoc	BHE	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
ET1H	2.01	76.6	Pn	03:07:38.544	0.8	T__	97.0	___	ML	2.6	6916883	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	2.01	76.6	Lg	03:08:11.952	-0.5	T__		---			6916920	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=0)																			
PSZ	2.04	75.6	Pn	03:07:38.979	0.7	T__	149.1	___	ML	2.8	6916884	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	2.04	75.6	Pg	03:07:44.104	-0.5	T__		---			6916921	FDSN	GE	--	BUD	iLoc	HHZ	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
TREC	2.09	332.6	Pn	03:07:39.505	0.3	T__	213.9	___	ML	3.0	6916954	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	2.09	332.6	Pg	03:07:43.784	-0.2	T__	213.7	___	ML	3.0	6916929	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
HU21A	2.20	119.4	Pn	03:07:41.346	1.3	T__	139.2	___	ML	2.9	6916885	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
CKRC	2.24	308.7	Pg	03:07:46.351	0.0	T__	465.1	___	ML	3.4	6916955	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=0)																			

BSZH	2.25	92.6	Lg	03:08:19.075	-1.1	T__								6916930	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORC	2.36	9.2	Pn	03:07:43.498	0.5	T__	74.4	---	ML	2.7	6916922	FDSN	CZ	6916922	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	2.36	9.2	Sn	03:08:12.334	-0.6	T__		---			6916931	FDSN	CZ	6916931	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=0)																						
HU02A	2.50	73.0	Pn	03:07:45.646	1.2	T__	64.1	---	ML	2.7	6916923	FDSN	ZJ	6916923	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=0)																						
HU06A	2.57	105.3	Pn	03:07:45.950	0.8	T__	137.5	---	ML	3.1	6916924	FDSN	ZJ	6916924	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	2.57	105.3	Sn	03:08:18.164	1.7	T__		---			6916956	FDSN	ZJ	6916956	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.1 magdef=1)																						
(Station ML: 3.1 magdef=1)																						
KECS	2.59	65.1	Pn	03:07:46.126	0.5	T__	127.7	---	ML	3.0	6916925	FDSN	SK	6916925	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	2.59	65.1	Lg	03:08:28.734	-1.9	T__		---			6916957	FDSN	SK	6916957	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 3.0 magdef=1)																						
(Station ML: 3.0 magdef=1)																						
JOS	2.62	65.1	Pn	03:07:46.552	0.4	T__	56.8	---	ML	2.7	6916926	FDSN	ZJ	6916926	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	2.62	65.1	Sn	03:08:19.062	0.6	T__		---			6916958	FDSN	ZJ	6916958	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=1)																						
BLY	2.70	176.6	Pn	03:07:47.726	0.3	T__	73.0	---	ML	2.9	6916927	FDSN	MN	6916927	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	2.70	176.6	Lg	03:08:32.349	3.7	T__		---			6916959	FDSN	MN	6916959	FDSN	MN	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.9 magdef=1)																						
(Station ML: 2.9 magdef=1)																						
AMBH	2.81	111.7	Lg	03:08:36.745	-0.9	T__		---			6916932	FDSN	HU	6916932	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU05A	2.83	86.4	Sn	03:08:24.723	2.0	T__		---			6916960	FDSN	ZJ	6916960	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
ABAH	3.00	72.0	Pg	03:08:01.742	-0.8	T__	42.3	---	ML	2.8	6916936	FDSN	HU	6916936	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																						
(Station ML: 2.8 magdef=1)																						
PRU	3.00	328.7	Pg	03:08:01.580	0.7	T__	153.7	---	ML	3.4	6916934	FDSN	CZ	6916934	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
PRU	3.00	328.7	Lg	03:08:41.861	2.3	T__		---			6916933	FDSN	CZ	6916933	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 3.4 magdef=1)																						
(Station ML: 3.4 magdef=0)																						
FRGS	3.02	138.2	Pn	03:07:51.845	0.2	T__	50.6	---	ML	2.9	6916935	FDSN	SJ	6916935	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.9 magdef=1)																						
(Station ML: 2.9 magdef=1)																						
SIRR	3.43	108.4	Pn	03:07:56.909	-0.5	T__	22.9	---	ML	2.8	6916937	FDSN	RO	6916937	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																						
(Station ML: 2.8 magdef=1)																						
TRPA	3.82	77.7	Pg	03:08:16.973	-1.1	T__	32.6	---	ML	3.1	6916938	FDSN	HU	6916938	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.1 magdef=1)																						
(Station ML: 3.1 magdef=1)																						
KOLS	3.85	65.3	Pn	03:08:03.469	-0.1	T__		---			6916939	FDSN	SK	6916939	FDSN	SK	--	BUD	iLoc	HHZ	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/18	03:10:11.97	1.82	0.38	47.3950	16.9035	8.2	3.9	5	16.9	18.1	9	5	143	0.17	0.69	ke	BUD	17002692	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	4 BUD	17002692

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A260A	0.17	230.4	Pg	03:10:16.699	0.0					T__		166.8		---	ML	1.0	6917097	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A260A	0.17	230.4	Lg	03:10:20.113	0.1	T__	---	6917098	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.0 magdef=1)																			
(Station ML: 1.0 magdef=1)																			
EGYH	0.29	85.5	Pg	03:10:18.645	0.0	T__	102.8	---	ML	1.1	6917103	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.29	85.5	Lg	03:10:23.604	0.0	T__	---	---	---	---	6917099	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
SOP	0.37	321.1	Pg	03:10:20.266	0.3	T__	35.6	---	ML	0.9	6917100	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.37	321.1	Lg	03:10:24.717	-0.6	T__	---	---	---	---	6917101	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
RONA	0.51	306.8	Pg	03:10:22.616	0.1	T__	25.1	---	ML	1.1	6917104	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.51	306.8	Lg	03:10:29.665	-0.0	T__	---	---	---	---	6917102	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
HU08A	0.69	86.6	Sn	03:10:36.254	-0.4	T__	---	---	---	---	6917105	FDSN	ZJ	00	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/18	04:47:05.24	0.72	0.81	47.4437	16.9451	2.9	2.3	27	5.2	7.3	96	51	41	0.23	3.00	ke	BUD	17002694	BUD			59

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	43 BUD	17002694

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A260A	0.23	225.5	Pg	04:47:09.983	-0.1					T__		17167.9		---	ML	3.2	6917479	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.23	225.5	Lg	04:47:12.946	-0.5					T__				---	---	6917498	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
EGYH	0.26	95.6	Pg	04:47:11.872	1.1					T__		5176.1		_d	ML	2.7	6917480	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.26	95.6	Lg	04:47:16.360	1.4					T__				---	---	6917499	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
SOP	0.36	312.6	Pg	04:47:12.869	0.4					T__		1053.2		---	ML	2.3	6917481	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.36	312.6	Lg	04:47:17.778	0.4					T__				---	---	6917500	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
MPLH	0.49	123.9	Pg	04:47:14.943	-0.2					T__		1078.2		---	ML	2.7	6917482	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.49	123.9	Lg	04:47:22.273	-0.1					T__				---	---	6917502	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
RONA	0.51	300.5	Pg	04:47:15.521	0.0					T__		535.4		---	ML	2.4	6917483	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.51	300.5	Lg	04:47:22.411	0.0					T__				---	---	6917501	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A261A	0.51	164.2	Pg	04:47:15.167	-0.4					T__		1053.3		---	ML	2.7	6917484	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.51	164.2	Lg	04:47:22.579	-0.2					T__				---	---	6917503	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
A262A	0.65	206.3	Pg	04:47:17.686	-0.4					T__		2729.0		---	ML	3.3	6917485	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.65	206.3	Lg	04:47:27.044	0.5					T__				---	---	6917504	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=0)																									

HU08A	0.66	90.7	Pg	04:47:18.822	0.4	T__	1108.4	___	ML	2.9	6917506	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.66	90.7	Lg	04:47:28.393	-0.4	T__		---			6917505	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
ZST	0.76	8.0	Pg	04:47:20.430	0.0	T__		---			6917538	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.76	8.0	Lg	04:47:31.209	-0.4	T__		---			6917539	FDSN	SK	--	BUD	iLoc	HHN	???	_
A263A	0.84	162.4	Pn	04:47:22.491	-0.1	T__	861.8	---	ML	2.9	6917487	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.84	162.4	Lg	04:47:33.329	0.0	T__		---			6917508	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																			
(Station ML: 2.9 magdef=1)																			
TIH	0.85	129.7	Pn	04:47:22.405	-0.1	T__	1737.8	---	ML	3.2	6917488	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=0)																			
CONA	0.88	303.9	Pg	04:47:22.200	-0.4	T__	523.0	---	ML	2.7	6917489	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.88	303.9	Lg	04:47:34.207	0.1	T__		---			6917509	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
CSKK	0.90	94.7	Pg	04:47:23.238	0.3	T__	923.0	---	ML	3.0	6917490	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.90	94.7	Sn	04:47:36.223	-1.0	T__		---			6917510	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
MODS	0.96	13.4	Pn	04:47:24.051	-0.4	T__		---			6917492	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.96	13.4	Sn	04:47:37.866	-1.1	T__		---			6917513	FDSN	SK	--	BUD	iLoc	HHE	???	_
BEHE	0.98	186.9	Pg	04:47:24.347	-0.3	T__	1267.4	---	ML	3.1	6917512	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.98	186.9	Sn	04:47:37.518	-1.2	T__		---			6917540	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=0)																			
ARSA	0.99	259.2	Pg	04:47:23.500	-0.8	T__	523.5	---	ML	2.8	6917491	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.99	259.2	Lg	04:47:36.464	-0.2	T__		---			6917511	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=1)																			
HU09A	0.99	78.1	Pn	04:47:24.683	0.0	T__	1393.7	---	ML	3.2	6917493	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.99	78.1	Sn	04:47:39.038	-0.5	T__		---			6917541	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=0)																			
SR0	1.00	67.7	Pn	04:47:24.768	0.1	T__	3983.5	---	ML	3.7	6917494	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	1.00	67.7	Sn	04:47:39.442	-0.2	T__		---			6917514	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=0)																			
A005B	1.05	332.1	Pg	04:47:26.043	0.4	T__	1602.1	---	ML	3.3	6917495	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A005B	1.05	332.1	Sn	04:47:40.682	-0.0	T__		---			6917515	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=0)																			
KOGS	1.10	205.8	Pn	04:47:25.257	-1.1	T__	396.9	---	ML	2.7	6917496	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.10	205.8	Sn	04:47:40.616	-0.9	T__		---			6917542	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=1)																			
A338A	1.11	58.4	Pn	04:47:26.582	0.3	T__	764.3	---	ML	3.0	6917497	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	1.11	58.4	Sn	04:47:43.022	0.6	T__		---			6917516	FDSN	Z3	00	BUD	iLoc	HH3	???	_
(Reading ML: 3.0 magdef=1)																			
(Station ML: 3.0 magdef=1)																			
A267A	1.16	114.8	Pn	04:47:27.337	0.5	T__	347.1	---	ML	2.7	6917544	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A267A	1.16	114.8	Sn	04:47:43.782	0.5	T__		---			6917517	FDSN	Z3	00	BUD	iLoc	HHE	???	_

(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1														
A265A	1.17 149.9 Lg	04:47:44.332	0.3	T__				6917543	FDSN	Z3	00	BUD	iLoc	HHE ??? _
A008A	1.27 317.3 Pg	04:47:29.207	-0.3	T__	457.9	---	ML	2.9 6917519	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
A008A	1.27 317.3 Lg	04:47:46.058	-0.8	T__		---		6917518	FDSN	Z3	00	BUD	iLoc	HH3 ??? _
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=1														
A266A	1.29 135.0 Pn	04:47:28.652	0.1	T__	346.9	---	ML	2.8 6917545	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1														
A264A	1.31 169.4 Pn	04:47:28.906	-0.1	T__	256.7	---	ML	2.6 6917546	FDSN	Z3	00	BUD	iLoc	HHZ HHZ _
A264A	1.31 169.4 Lg	04:47:48.123	0.4	T__		---		6917547	FDSN	Z3	00	BUD	iLoc	HHE ??? _
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1														
A271A	1.32 102.0 Sn	04:47:48.170	0.8	T__		---		6917548	FDSN	Z3	00	BUD	iLoc	HHE ??? _
BUD	1.41 87.6 Sn	04:47:50.733	0.9	T__		---		6917549	FDSN	HU	--	BUD	iLoc	HHE ??? _
BUD	1.41 87.6 Lg	04:47:52.688	-0.7	T__		---		6917550	FDSN	HU	--	BUD	iLoc	HHE ??? _
HU10A	1.46 73.2 Pn	04:47:31.570	0.5	T__	326.4	---	ML	2.8 6917552	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ _
HU10A	1.46 73.2 Pg	04:47:33.782	-0.2	T__		---		6917553	FDSN	ZJ	00	BUD	iLoc	HHZ ??? _
HU10A	1.46 73.2 Lg	04:47:54.002	-1.1	T__		---		6917551	FDSN	ZJ	00	BUD	iLoc	HHN ??? _
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1														
JAVC	1.50 18.7 Pn	04:47:32.416	0.3	T__	184.9	---	ML	2.6 6917520	FDSN	CZ	--	BUD	iLoc	HHZ HHZ _
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1														
A272A	1.55 116.1 Lg	04:47:57.175	-0.1	T__		---		6917521	FDSN	Z3	00	BUD	iLoc	HHE ??? _
KOVH	1.57 149.2 Pg	04:47:35.562	-0.0	T__	75.1	---	ML	2.2 6917522	FDSN	HU	--	BUD	iLoc	HHZ HHZ _
KOVH	1.57 149.2 Lg	04:47:55.011	-1.3	T__		---		6917554	FDSN	HU	--	BUD	iLoc	HHE ??? _
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0														
VYHS	1.65 49.7 Pn	04:47:33.857	-0.1	T__	57.6	---	ML	2.2 6917526	FDSN	SK	--	BUD	iLoc	HHZ HHZ _
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0														
KRUC	1.66 347.4 Pn	04:47:34.768	0.6	T__	117.6	---	ML	2.5 6917524	FDSN	CZ	--	BUD	iLoc	HHZ HHZ _
KRUC	1.66 347.4 Sn	04:47:57.287	1.4	T__		---		6917525	FDSN	CZ	--	BUD	iLoc	HHE ??? _
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1														
PTJ	1.68 204.0 Pn	04:47:34.355	-0.4	T__	111.7	---	ML	2.5 6917523	FDSN	CR	--	BUD	iLoc	BHZ BHZ _
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1														
MORH	1.69 135.9 Pn	04:47:34.835	0.7	T__	48.4	---	ML	2.1 6917555	FDSN	HU	--	BUD	iLoc	HHZ HHZ _
MORH	1.69 135.9 Sn	04:47:58.263	2.2	T__		---		6917527	FDSN	HU	--	BUD	iLoc	HHN ??? _
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0														
HU01A	1.82 92.1 Lg	04:48:06.678	-0.2	T__		---		6917556	FDSN	ZJ	00	BUD	iLoc	HHE ??? _
HU03A	1.85 74.6 Pn	04:47:38.116	1.6	T__	151.5	---	ML	2.7 6917530	FDSN	ZJ	00	BUD	iLoc	HHZ HHZ _
HU03A	1.85 74.6 Pg	04:47:41.377	-0.3	T__		---		6917531	FDSN	ZJ	00	BUD	iLoc	HHZ ??? _
HU03A	1.85 74.6 Lg	04:48:08.189	0.2	T__		---		6917557	FDSN	ZJ	00	BUD	iLoc	HHE ??? _
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1														
VRAC	1.88 353.0 Pn	04:47:37.336	0.1	T__	26.8	---	ML	2.0 6917558	FDSN	CZ	--	BUD	iLoc	HHZ HHZ _
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0														

OBKA	1.89	241.2	Pn	04:47:37.319	-0.6	T__	224.1	___	ML	2.9	6917528	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.89	241.2	Lg	04:48:06.782	0.7	T__		---			6917529	FDSN	OE	--	BUD	iLoc	HHN	???	_
A331A	1.91	26.0	Pn	04:47:38.416	0.8	T__	72.6	___	ML	2.4	6917533	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
CRES	1.92	212.9	Pn	04:47:36.637	-1.3	T__	82.8	___	ML	2.5	6917560	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.92	212.9	Pg	04:47:41.517	0.8	T__	82.4	---	ML	2.5	6917532	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.92	212.9	Lg	04:48:07.714	0.6	T__		---			6917559	FDSN	SL	--	BUD	iLoc	BHE	???	_
ET1H	2.03	76.5	Pn	04:47:39.714	0.8	T__	56.5	___	ML	2.4	6917561	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	2.03	76.5	Pg	04:47:44.457	-0.8	T__	56.6	---	ML	2.4	6917534	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
PSZ	2.05	75.5	Pn	04:47:39.933	0.5	T__	113.5	___	ML	2.7	6917562	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	2.05	75.5	Pg	04:47:45.034	-0.8	T__	113.5	---	ML	2.7	6917535	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	2.05	75.5	Sn	04:48:08.437	2.4	T__		---			6917563	FDSN	GE	--	BUD	iLoc	HHE	???	_
PSZ	2.05	75.5	Lg	04:48:14.611	-0.5	T__		---			6917564	FDSN	GE	--	BUD	iLoc	HHE	???	_
TREC	2.09	332.9	Pn	04:47:40.903	0.6	T__	175.4	___	ML	2.9	6917565	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	2.09	332.9	Pg	04:47:44.970	-0.1	T__	174.6	---	ML	2.9	6917536	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	2.24	308.9	Pg	04:47:47.496	0.2	T__	272.7	___	ML	3.2	6917537	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	2.24	308.9	Lg	04:48:15.891	-1.1	T__		---			6917566	FDSN	CZ	--	BUD	iLoc	HHE	???	_
HU23A	2.25	83.8	Lg	04:48:21.343	0.3	T__		---			6917567	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORC	2.37	9.4	Pn	04:47:44.238	0.1	T__	44.7	---	ML	2.5	6917568	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	2.37	9.4	Sn	04:48:13.566	-0.6	T__		---			6917569	FDSN	CZ	--	BUD	iLoc	HHE	???	_
HU02A	2.51	73.0	Pn	04:47:46.558	0.8	T__	32.4	___	ML	2.4	6917576	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	2.51	73.0	Pg	04:47:52.423	-2.2	T__		---			6917575	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
HU02A	2.51	73.0	Sn	04:48:19.487	2.6	T__		---			6917570	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
JOS	2.63	65.1	Pn	04:47:47.461	0.0	T__	44.7	___	ML	2.6	6917571	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	2.63	65.1	Sn	04:48:19.361	-0.5	T__		---			6917572	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
PRU	3.00	328.9	Pg	04:48:02.250	0.3	T__	79.0	___	ML	3.1	6917574	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
PRU	3.00	328.9	Lg	04:48:42.382	1.8	T__		---			6917573	FDSN	CZ	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/18	10:45:57.76	0.95	0.37	47.4168	16.9237	6.6	3.1	14	14.1	12.4	18	9	107	0.20	0.99	ke	BUD	17002696	BUD			140

Magnitude Err Nsta Author OrigID  
ML 1.4 0.1 6 BUD 17002696

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A260A	0.20	228.1	Pg	10:46:02.542	-0.1					T__		723.8		_d	ML	1.7 6917881	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.20	228.1	Lg	10:46:05.573	-0.4					T__				---		6917882	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																								
EGYH	0.28	89.8	Pg	10:46:04.329	0.3					T__		247.9		---	ML	1.5 6917873	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.28	89.8	Lg	10:46:07.881	-0.7					T__				---		6917884	FDSN	HU	--	BUD	iLoc	HHE	???	_
EGYH	0.28	89.8	Sg	10:46:09.086	0.5					T__				---		6917874	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
SOP	0.36	317.3	Pg	10:46:05.547	0.1					T__		40.4		---	ML	0.9 6917885	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.36	317.3	Lg	10:46:10.741	0.0					T__				---		6917886	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0)																								
MPLH	0.49	120.3	Lg	10:46:14.534	-0.6					T__				---		6917889	FDSN	HU	--	BUD	iLoc	HHE	???	_
MPLH	0.49	120.3	Sg	10:46:15.148	-0.0					T__				---		6917875	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	0.51	303.9	Pg	10:46:08.029	-0.2					T__		29.7		---	ML	1.2 6917887	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.51	303.9	Lg	10:46:15.056	-0.3					T__				---		6917888	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
HU08A	0.68	88.4	Lg	10:46:21.812	-0.0					T__				---		6917883	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CONA	0.88	305.9	Pg	10:46:14.937	-0.2					T__		25.9		---	ML	1.4 6917877	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.88	305.9	Lg	10:46:26.945	0.1					T__				---		6917876	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
ARSA	0.97	260.6	Pg	10:46:16.548	0.3					T__		29.3		---	ML	1.5 6917878	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.97	260.6	Lg	10:46:28.863	0.2					T__				---		6917879	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
MODS	0.99	13.8	Pn	10:46:16.778	0.4					T__				---		6917880	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.99	13.8	Sn	10:46:30.376	-0.2					T__				---		6917890	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/18	18:11:06.46	1.24	0.86	47.4699	18.2947	6.7	3.3	117	10.5	8.9	13	8	149	0.08	1.28	ke	BUD	17002698	BUD			172

Magnitude Err Nsta Author OrigID  
ML 1.2 0.0 5 BUD 17002698

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MSW1	0.08	197.5	Pg	18:11:09.652	0.5					T__		2637.7		_c	ML	1.9 6917950	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	197.5	Lg	18:11:11.053	-0.6					T__				---		6917951	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																								
CSKK	0.11	192.3	Pg	18:11:10.129	0.5					T__		1306.9		_c	ML	1.7 6917944	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	192.3	Lg	18:11:11.982	-0.4					T__				---		6917948	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
MSW3	0.14	232.9	Pg	18:11:10.559	0.5					T__		219.3		_d	ML	1.0 6917953	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.14	232.9	Lg	18:11:12.618	-0.5					T__				---		6917952	FDSN	HU	--	BUD	iLoc	HHN	???	_

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(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
MSW2 0.18 198.8 Pg 18:11:11.112 0.4 T__ 267.6 ___ ML 1.2 6917954 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.18 198.8 Lg 18:11:13.089 -1.2 T__ ___ 6917955 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU09A 0.18 19.4 Pg 18:11:11.031 0.4 T__ 269.6 _c_ ML 1.2 6917946 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.18 19.4 Lg 18:11:13.888 -0.3 T__ ___ 6917943 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU08A 0.25 261.4 Lg 18:11:16.160 -0.4 T__ ___ 6917949 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.09 19.3 Lg 18:11:43.121 -0.7 T__ ___ 6917945 FDSN SK -- BUD iLoc HHE ??? _
MORH 1.28 169.1 Sn 18:11:48.108 1.7 T__ ___ 6917947 FDSN HU -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/20 08:56:49.33 0.94 0.73 48.4900 20.7303 4.7 3.5 23 0.0f 14 7 136 0.13 0.97 sx BUD 17002700 BUD 217

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Magnitude Err Nsta Author OrigID
ML 1.3 0.2 7 BUD 17002700

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.13 272.7 Pg 08:56:51.688 -0.4 T__ 343.0 ___ ML 1.2 6918001 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.13 272.7 Lg 08:56:54.834 0.5 T__ ___ 6918002 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.16 267.7 Pg 08:56:52.260 -0.6 T__ 789.2 ___ ML 1.7 6917994 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.16 267.7 Lg 08:56:55.406 -0.2 T__ ___ 6917995 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.39 119.6 Pg 08:56:57.401 -0.0 T__ 47.6 ___ ML 1.1 6917996 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 119.6 Lg 08:57:02.852 -1.4 T__ ___ 6918003 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A 0.39 200.5 Pg 08:56:57.711 -0.1 T__ 35.0 ___ ML 0.9 6918004 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.39 200.5 Lg 08:57:05.534 1.2 T__ ___ 6917997 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=0
PSZ 0.80 224.7 Pg 08:57:05.994 -0.3 T__ 44.4 ___ ML 1.6 6917999 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.80 224.7 Lg 08:57:18.773 0.4 T__ ___ 6918005 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.84 223.6 Pn 08:57:06.915 -0.3 T__ 26.6 ___ ML 1.4 6918000 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.84 223.6 Lg 08:57:19.924 0.6 T__ ___ 6918006 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 0.97 343.2 Pg 08:57:08.530 0.9 T__ 17.0 ___ ML 1.3 6918007 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.97 343.2 Lg 08:57:21.109 -0.4 T__ ___ 6917998 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/20	08:57:53.33	0.92	0.90	47.1025	18.0574	5.3	3.5	114	0.0f		12	8	127	0.23	1.01	sx	BUD	17002702	BUD			160

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	4 BUD	17002702

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.23	27.6	Lg	08:58:02.545	-0.4					T__						6918068	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TIH	0.23	209.1	Lg	08:58:01.445	-1.2					T__						6918060	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
MSW3	0.28	9.4	Pg	08:58:00.049	0.5					T__	285.5			---	ML	1.5	6918069	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.28	9.4	Lg	08:58:03.816	-1.1					T__						6918070	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CSKK	0.30	27.9	Lg	08:58:04.514	-0.9					T__						6918061	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW1	0.32	25.2	Pg	08:58:00.866	0.6					T__	101.1			---	ML	1.2	6918072	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.32	25.2	Lg	08:58:05.677	-0.6					T__						6918071	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MPLH	0.36	281.0	Pg	08:58:01.982	0.9					T__	108.6			---	ML	1.3	6918063	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.36	281.0	Lg	08:58:05.895	-1.2					T__						6918062	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.98	155.3	Pg	08:58:13.260	0.5					T__	25.4			---	ML	1.4	6918066	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.98	155.3	Lg	08:58:26.994	-0.1					T__						6918065	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOVH	1.01	178.3	Lg	08:58:28.069	-0.7					T__						6918067	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/20	09:59:38.87	0.82	0.96	48.4349	17.2976	4.2	3.2	120	0.0f		26	17	62	0.06	2.02	sx	BUD	17002704	BUD			108

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	9 BUD	17002704

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.06	192.4	Pg	09:59:40.383	-0.4					T__						6918123	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.06	192.4	Lg	09:59:41.764	-0.9					T__						6918124	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.49	30.1	Pg	09:59:49.514	0.3					T__	275.5			---	ML	2.1	6918126	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.49	30.1	Lg	09:59:56.035	-1.2					T__						6918125	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KRUC	0.87	316.8	Pg	09:59:56.189	0.7					T__	86.9			---	ML	1.9	6918127	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.87	316.8	Lg	10:00:07.468	-0.8					T__						6918128	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
SOP	0.90	213.7	Lg	10:00:10.230	1.5					T__						6918129	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A331A	0.94	40.1	Pg	09:59:58.951	1.6					T__	119.4			---	ML	2.1	6918130	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
VRAC	0.99	332.3	Pg	09:59:58.260	0.6					T__	19.3			---	ML	1.3	6918131	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.99	332.3	Lg	10:00:11.457	-0.7					T__						6918132	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									

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(Station ML: 1.3 magdef=1
RONA 1.00 222.8 Pg 09:59:58.030 -0.6 T__ 85.1 --- ML 2.0 6918133 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.00 222.8 Lg 10:00:12.762 1.1 T__ --- 6918134 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.03 86.1 Pg 09:59:59.641 0.1 T__ 16.8 --- ML 1.3 6918136 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.03 86.1 Lg 10:00:13.759 -0.6 T__ --- 6918135 FDSN SK -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
CONA 1.09 242.7 Pg 09:59:59.488 -0.8 T__ 72.8 --- ML 2.0 6918137 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.09 242.7 Lg 10:00:14.910 0.5 T__ --- 6918138 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU08A 1.09 157.0 Sn 10:00:16.138 -1.2 T__ --- 6918139 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 1.25 148.5 Sn 10:00:20.664 -0.9 T__ --- 6918140 FDSN HU -- BUD iLoc HHN ??? _
MPLH 1.28 172.6 Sn 10:00:20.818 -1.0 T__ --- 6918141 FDSN HU -- BUD iLoc HHN ??? _
MORC 1.35 6.7 Pg 10:00:04.398 0.4 T__ 36.9 --- ML 1.8 6918143 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.35 6.7 Lg 10:00:22.352 -0.5 T__ --- 6918142 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TREC 1.47 306.4 Lg 10:00:24.731 -1.9 T__ --- 6918144 FDSN CZ -- BUD iLoc HHN ??? _
TIH 1.59 165.1 Sn 10:00:29.411 -0.0 T__ --- 6918145 FDSN HU -- BUD iLoc HHE ??? _
ARSA 1.68 225.9 Pn 10:00:10.000 0.8 T__ 48.5 --- ML 2.1 6918147 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.68 225.9 Sn 10:00:32.173 0.7 T__ --- 6918146 FDSN OE -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
CKRC 2.02 282.1 Sn 10:00:40.230 0.3 T__ --- 6918148 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/20 10:28:33.53 1.35 1.12 47.2283 18.2738 12.8 6.5 80 0.0f 8 6 164 0.09 1.32 kx BUD 17002706 BUD 272
2021/09/20 10:28:33.53 1.00 0.95 47.2302 18.2835f 0.0f 8 6 159 0.09 1.32 kx BUD_GT 17002707 BUD_GT 268

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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
MSW2 0.09 325.6 Pg 10:28:36.616 0.7 T__ 493.4 --- ML 1.2 6918198 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 325.6 Lg 10:28:37.291 -1.1 T__ --- 6918199 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CSKK 0.13 353.3 Pg 10:28:37.685 0.8 T__ 193.0 --- ML 1.0 6918194 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.3 Lg 10:28:39.241 -0.7 T__ --- 6918200 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.16 354.2 Lg 10:28:39.669 -1.3 T__ --- 6918201 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.05 166.2 Lg 10:29:08.375 -1.2 T__ --- 6918195 FDSN HU -- BUD iLoc HHE ??? _
PSZ 1.29 57.1 Sn 10:29:17.742 0.5 T__ --- 6918197 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.32 16.2 Sn 10:29:17.813 -0.2 T__ --- 6918196 FDSN SK -- BUD iLoc HHE ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/21	05:30:36.28	1.05	0.50	47.9388	16.0760	7.0	4.4	30	0.0f	6	3	137	0.14	1.14	sx	BUD	17002708	BUD				255

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.6	3 BUD	17002708

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.14	265.9	Pg	05:30:39.207	-0.2					T__		178.8		___	ML	1.0	6918223	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.14	265.9	Lg	05:30:41.969	0.3					T__				---		6918222	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
RONA	0.28	148.1	Pg	05:30:41.892	-0.3					T__		27.4		___	ML	0.5	6918224	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.28	148.1	Lg	05:30:46.649	0.5					T__				---		6918225	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																									
KRUC	1.14	10.6	Pg	05:30:58.661	0.4					T__		37.6		___	ML	1.7	6918227	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.14	10.6	Lg	05:31:14.731	-0.4					T__				---		6918226	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/21	08:04:06.65	0.91	0.90	47.1287	17.8646	4.3	3.4	118	0.0f	12	8	105	0.23	1.06	sx	BUD	17002710	BUD				192

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	17002710

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.23	280.7	Pg	08:04:12.066	0.3					T__		275.0		___	ML	1.4	6918274	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.23	280.7	Lg	08:04:15.749	-0.2					T__				---		6918273	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
TIH	0.23	175.1	Pg	08:04:11.913	0.1					T__		1505.4		___	ML	2.1	6918275	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.23	175.1	Lg	08:04:16.286	0.4					T__				---		6918276	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
MSW2	0.29	53.5	Pg	08:04:13.928	0.9					T__		319.1		___	ML	1.6	6918281	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.29	53.5	Lg	08:04:17.126	-1.4					T__				---		6918282	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
HU08A	0.31	7.6	Lg	08:04:18.223	-0.6					T__				---		6918283	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MSW3	0.31	34.9	Lg	08:04:18.451	-0.6					T__				---		6918284	FDSN	HU	--	BUD	iLoc	HNN	???	_	
CSKK	0.36	48.9	Pg	08:04:15.135	0.9					T__		151.0		___	ML	1.5	6918277	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.36	48.9	Lg	08:04:19.585	-1.2					T__				---		6918278	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KOVH	1.05	171.1	Lg	08:04:42.680	-0.5					T__				---		6918280	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.06	149.3	Lg	08:04:42.296	-0.9					T__				---		6918279	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/21	08:29:03.44	1.64	1.09	47.3680	18.3936	11.3	5.9	126	0.0f	11	8	109	0.09	1.30	sx	BUD	17002714	BUD				146

Magnitude Err Nsta Author OrigID  
 ML 0.9 0.0 3 BUD 17002714

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	267.0	Pg	08:29:06.150	0.2					T__		967.7		---	ML	1.5	6918425	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	267.0	Lg	08:29:07.647	-0.7					T__				---		6918426	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MSW2	0.14	242.2	Pg	08:29:07.406	0.6					T__		167.4		---	ML	0.9	6918432	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.14	242.2	Lg	08:29:09.063	-1.0					T__				---		6918433	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MSW3	0.18	274.9	Pg	08:29:08.755	1.1					T__		137.4		---	ML	0.9	6918434	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.18	274.9	Lg	08:29:10.625	-0.8					T__				---		6918435	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
ET1H	1.12	62.4	Sn	08:29:41.176	-1.5					T__				---		6918427	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.15	61.0	Sn	08:29:42.864	-1.1					T__				---		6918428	FDSN	GE	--	BUD	iLoc	HHE	???	_	
VVHS	1.17	14.6	Lg	08:29:43.017	-1.0					T__				---		6918429	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.17	171.4	Sn	08:29:42.404	-0.9					T__				---		6918430	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.30	189.1	Sn	08:29:47.391	0.8					T__				---		6918431	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/09/21 09:44:51.60 4.06 0.79 46.9390 22.6650 30.4 19.8 31 0.0f 6 3 301 0.15 1.55 sx BUD 17002716 BUD 350

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.4 3 BUD 17002716

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.15	167.9	Pg	09:44:55.102	0.1					T__		260.5		---	ML	1.1	6918458	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.15	167.9	Lg	09:44:57.672	-0.2					T__				---		6918459	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
SIRR	0.97	226.3	Pn	09:45:10.332	-1.0					T__		24.1		---	ML	1.4	6918461	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.97	226.3	Lg	09:45:25.447	0.4					T__				---		6918460	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
GZR	1.55	177.1	Pn	09:45:19.693	-0.3					T__		25.6		---	ML	1.8	6918462	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.55	177.1	Sn	09:45:40.792	-0.7					T__				---		6918463	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/09/22 07:10:11.93 1.35 0.96 47.9968 20.3912 12.6 3.8 144 0.0f 8 5 195 0.15 0.64 kx BUD 17002722 BUD 305  
 2021/09/22 07:10:11.64 0.95 0.81 47.9767 20.3679f 0.0f 8 5 198 0.18 0.67 kx BUD\_GT 17002723 BUD\_GT 307

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

Magnitude Err Nsta Author OrigID

ML 1.2 0.2 3 BUD\_GT 17002723

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.18	35.8	Pg	07:10:15.649	-0.2					T__		239.9		---	ML	1.2	6918695	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	07:10:18.795	-0.6					T__				---		6918694	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.32	259.8	Pg	07:10:20.406	1.4					T__		67.2		---	ML	1.0	6918696	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	259.8	Lg	07:10:23.629	-0.9					T__				---		6918697	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.51	8.8	Lg	07:10:29.902	-0.1					T__				---		6918699	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.53	12.4	Pg	07:10:22.478	0.1					T__		56.6		---	ML	1.5	6918698	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	07:10:29.596	-1.0					T__				---		6918700	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.67	61.0	Lg	07:10:35.849	-0.4					T__				---		6918701	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/22	07:15:59.48	0.98	0.67	47.0921	18.0480	6.6	3.1	122	0.0f		11	7	180	0.22	0.36	sx	BUD	17002724	BUD			254

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.1	4 BUD	17002724

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.22	208.9	Pg	07:16:04.724	0.3					T__		835.3		---	ML	1.8	6918745	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.22	208.9	Lg	07:16:07.851	-0.5					T__				---		6918746	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW2	0.24	27.8	Pg	07:16:05.348	0.5					T__		132.0		---	ML	1.1	6918752	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.24	27.8	Lg	07:16:08.834	-0.7					T__				---		6918753	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW3	0.30	10.3	Lg	07:16:10.925	-0.5					T__				---		6918754	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.31	28.0	Pg	07:16:06.807	0.6					T__		127.9		---	ML	1.3	6918751	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.31	28.0	Lg	07:16:11.082	-0.9					T__				---		6918747	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW1	0.33	25.5	Lg	07:16:11.869	-1.0					T__				---		6918755	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.35	346.1	Lg	07:16:12.958	-0.2					T__				---		6918750	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.36	282.9	Pg	07:16:07.278	0.1					T__		77.3		---	ML	1.2	6918748	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.36	282.9	Lg	07:16:13.219	0.1					T__				---		6918749	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/22	09:05:00.99	4.47	1.24	46.8130	22.7569	33.4	11.2	3	0.0f		6	4	303	0.04	1.43	sx	BUD	17002726	BUD			338

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.04	235.8	Pg	09:05:02.213	0.0					T__		488.0		---	ML	1.1	6918779	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.04	235.8	Lg	09:05:03.464	0.1					T__				---		6918780	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
SIRR	0.93	234.6	Lg	09:05:32.960	-0.4					T__				---		6918781	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.42	179.4	Pg	09:05:28.009	0.1					T__		75.7		---	ML	2.2	6918783	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.42	179.4	Sn	09:05:45.728	-2.0					T__				---		6918782	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BZS	1.43	213.9	Sn	09:05:48.125	0.6					T__				---		6918784	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/22	09:39:26.29	3.81	0.19	48.8069	21.0288	22.5	11.8	19	0.0f		7	4	296	0.45	0.76	sx	BUD	17002728	BUD			338

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	17002728

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.45	226.4	Pg	09:39:35.310	-0.0					T__		49.4		---	ML	1.2	6918805	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.45	226.4	Lg	09:39:42.346	0.2					T__				---		6918806	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.48	228.2	Pg	09:39:35.988	-0.0					T__		128.2		---	ML	1.8	6918808	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.48	228.2	Lg	09:39:43.440	0.1					T__				---		6918807	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.53	164.6	Lg	09:39:46.098	0.2					T__				---		6918809	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.76	206.3	Pg	09:39:41.981	-0.1					T__		56.2		---	ML	1.7	6918811	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	206.3	Lg	09:39:53.602	-0.3					T__				---		6918810	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/22	09:57:49.30	2.62	1.31	47.8391	20.1846	23.4	4.1	160	0.0f		8	4	242	0.21	0.70	kx	BUD	17002730	BUD			261
2021/09/22	09:57:49.68	0.95	1.02	47.8650	20.1529f				0.0f		8	4	230	0.18	0.68	kx	BUD_GT	17002731	BUD_GT			252

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD_GT	17002731

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.18	287.2	Pg	09:57:54.829	0.7					T__		427.2		---	ML	1.4	6918837	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	09:57:57.323	-0.5					T__				---		6918842	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.19	274.4	Pg	09:57:54.985	0.8					T__		312.5		---	ML	1.3	6918836	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	09:57:57.011	-0.6					T__				---		6918841	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									

(Station ML: 1.3 magdef=1  
 HU02A 0.36 44.0 Pg 09:57:57.539 0.0 T\_\_ 90.1 --- ML 1.3 6918838 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 0.36 44.0 Lg 09:58:01.545 -2.1 T\_\_ --- 6918843 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 J0S 0.68 22.1 Pn 09:58:04.522 -0.8 T\_\_ 65.1 --- ML 1.7 6918840 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 J0S 0.68 22.1 Lg 09:58:14.371 0.6 T\_\_ --- 6918839 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/22	14:32:02.71	2.69	1.76	46.9422	22.4949	25.5	10.7	16	0.0f	7	4	226	0.21	1.74	sx	BUD	17002736	BUD				322

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.0	3 BUD	17002736

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.21	135.4	Pg	14:32:07.706	0.5					T__		350.2		_c_	ML	1.4	6919123	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.21	135.4	Lg	14:32:09.544	-1.5					T__				---		6919124	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1 HU24A 0.92 268.5 Lg 14:32:33.000 -2.0 T__ --- 6919125 FDSN ZJ 00 BUD iLoc HHN ??? _ GZR 1.56 172.7 Pg 14:32:33.299 1.0 T__ 81.6 --- ML 2.3 6919127 FDSN RO -- BUD iLoc HHZ HHZ _ GZR 1.56 172.7 Lg 14:32:53.960 -0.3 T__ --- 6919126 FDSN RO -- BUD iLoc HHN ??? _ (Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1 LOT 1.74 148.9 Pn 14:32:33.963 0.0 T__ 60.7 --- ML 2.2 6919128 FDSN RO -- BUD iLoc HHZ HHZ _ LOT 1.74 148.9 Sn 14:32:55.554 -2.1 T__ --- 6919129 FDSN RO -- BUD iLoc HHN ??? _ (Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/23	07:37:28.28	1.09	0.97	47.3593	18.3925	7.2	2.9	139	0.0f	19	11	110	0.09	1.17	sx	BUD	17002742	BUD					184

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	8 BUD	17002742

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	272.5	Pg	07:37:31.198	0.5					T__		1562.7		---	ML	1.7	6919539	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	272.5	Lg	07:37:31.718	-1.4					T__				---		6919540	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1 MSW1 0.10 290.4 Pg 07:37:31.407 0.5 T__ 858.0 --- ML 1.5 6919552 FDSN HU -- BUD iLoc HHZ HHZ _ MSW1 0.10 290.4 Lg 07:37:32.985 -0.4 T__ --- 6919553 FDSN HU -- BUD iLoc HHN ??? _ (Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1 MSW2 0.14 245.3 Pg 07:37:32.149 0.5 T__ 294.9 --- ML 1.1 6919555 FDSN HU -- BUD iLoc HHZ HHZ _ MSW2 0.14 245.3 Lg 07:37:34.052 -0.7 T__ --- 6919554 FDSN HU -- BUD iLoc HHN ??? _ (Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									

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MSW3  0.18 277.6 Pg      07:37:33.356  0.9      T__      216.9      ___ ML      1.1 6919556  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MSW3  0.18 277.6 Lg      07:37:35.444 -0.8      T__      ___          ___          6919557  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU09A  0.28 358.6 Pg      07:37:35.315  1.0      T__      221.4      ___ ML      1.4 6919542  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU09A  0.28 358.6 Lg      07:37:39.071 -0.5      T__      ___          ___          6919541  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A  0.33 282.9 Lg      07:37:40.261 -0.9      T__      ___          ___          6919543  FDSN ZJ      00 BUD  iLoc  HHN ???  _
MPLH  0.61 252.3 Pg      07:37:41.744  0.9      T__      75.2       ___ ML      1.7 6919545  FDSN HU      -- BUD  iLoc  HHZ HHZ  _
MPLH  0.61 252.3 Lg      07:37:49.577 -0.6      T__      ___          ___          6919544  FDSN HU      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU10A  0.64 40.8 Pg       07:37:42.358  0.6      T__      101.6      ___ ML      1.9 6919547  FDSN ZJ      00 BUD  iLoc  HHZ HHZ  _
HU10A  0.64 40.8 Lg      07:37:50.751 -1.6      T__      ___          ___          6919546  FDSN ZJ      00 BUD  iLoc  HHN ???  _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MORH  1.16 171.3 Sn      07:38:07.409 -0.6      T__      ___          ___          6919549  FDSN HU      -- BUD  iLoc  HHN ???  _
PSZ   1.16 60.6 Sn      07:38:07.720 -1.2      T__      ___          ___          6919548  FDSN GE      -- BUD  iLoc  HHN ???  _
VYHS  1.17 14.6 Pn      07:37:51.964  0.9      T__      28.0       ___ ML      1.6 6919551  FDSN SK      -- BUD  iLoc  HHZ HHZ  _
VYHS  1.17 14.6 Lg      07:38:07.790 -1.4      T__      ___          ___          6919550  FDSN SK      -- BUD  iLoc  HHN ???  _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/23 08:03:55.34  3.46  0.33 48.4767  20.7092  21.7  8.3  67  0.0f      6  4 279  0.11  0.78  sx BUD      17002744  BUD      304

```

Magnitude Err Nsta Author OrigID

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
JOS  0.11 279.7 Pg      08:03:57.795 -0.1      T__      60.4      ___ ML      0.4 6919589  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS  0.11 279.7 Lg      08:04:00.093  0.1      T__      ___          ___          6919590  FDSN ZJ      -- BUD  iLoc  HHN ???  _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
KECS  0.15 272.6 Pg      08:03:58.554 -0.0      T__      229.1      ___ ML      1.1 6919592  FDSN SK      -- BUD  iLoc  EHZ EHZ  _
KECS  0.15 272.6 Lg      08:04:01.292  0.1      T__      ___          ___          6919591  FDSN SK      -- BUD  iLoc  EHN ???  _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
HU02A  0.38 199.2 Lg      08:04:10.010  0.3      T__      ___          ___          6919593  FDSN ZJ      00 BUD  iLoc  HHN ???  _
PSZ   0.78 224.6 Lg      08:04:23.295 -0.4      T__      ___          ___          6919594  FDSN GE      -- BUD  iLoc  HHN ???  _

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```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/09/23 09:26:07.95  0.93  0.81 48.4171  20.7660  4.9  3.4  29  0.0f      12  7 127  0.17  1.05  sx BUD      17002746  BUD      225

```

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 5 BUD 17002746

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
JOS  0.17 297.7 Pg      09:26:11.993  0.4      T__      267.9      ___ ML      1.2 6919658  FDSN ZJ      -- BUD  iLoc  HHZ HHZ  _
JOS  0.17 297.7 Lg      09:26:14.191 -0.3      T__      ___          ___          6919660  FDSN ZJ      -- BUD  iLoc  HHN ???  _

```

```

(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.20 289.6 Pg 09:26:12.567 0.4 T__ 687.6 ___ ML 1.7 6919659 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 289.6 Lg 09:26:15.215 -0.2 T__ ___ 6919661 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.34 208.7 Lg 09:26:20.816 -0.2 T__ ___ 6919664 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.34 110.8 Pg 09:26:15.549 0.5 T__ ___ ML 1.2 6919663 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.34 110.8 Lg 09:26:19.945 -1.1 T__ ___ 6919662 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.77 229.8 Lg 09:26:34.797 -1.1 T__ ___ 6919665 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.81 228.4 Pg 09:26:25.186 0.3 T__ ___ ML 1.8 6919667 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.81 228.4 Lg 09:26:36.216 -0.6 T__ ___ 6919666 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
NIE 1.05 343.1 Pg 09:26:28.331 0.6 T__ ___ ML 1.7 6919669 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.05 343.1 Lg 09:26:42.079 -1.3 T__ ___ 6919668 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/23	09:46:15.03	0.91	1.30	48.2188	21.2021	6.2	3.8	9	0.0f	21	12	78	0.08	1.98	kx	BUD	17002748	BUD				133
2021/09/23	09:46:14.86	0.86	1.14	48.2470	21.2460f				0.0f	21	12	76	0.05	2.00	kx	BUD_GT	17002749	BUD_GT				128

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	9 BUD_GT	17002749

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	355.1	Pg	09:46:17.226	0.8					T__		13156.8		_c_	ML	2.6	6919716	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:46:17.586	-0.4					T__				---		6919720	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=0																									
HU02A	0.50	255.8	Pg	09:46:25.416	-0.0					T__		163.8		---	ML	1.9	6919717	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:46:31.751	-1.8					T__				---		6919721	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
HU07A	0.52	120.5	Pg	09:46:26.875	1.4					T__		372.6		---	ML	2.3	6919719	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
JOS	0.53	298.1	Pg	09:46:26.376	0.8					T__		106.3		---	ML	1.8	6919718	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:46:33.220	-0.5					T__				---		6919722	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
KECS	0.56	295.3	Pg	09:46:26.724	0.6					T__		193.2		---	ML	2.1	6919724	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	09:46:34.067	-0.6					T__				---		6919723	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
TRPA	0.87	97.2	Pn	09:46:32.941	-0.3					T__		114.5		---	ML	2.0	6919725	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	09:46:44.451	-1.9					T__				---		6919726	FDSN	HU	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.96 250.6 Pg 09:46:35.192 0.0 T__ 95.7 ___ ML 2.0 6919728 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.96 250.6 Lg 09:46:47.182 -2.4 T__ ___ 6919727 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KOLS 0.97 44.4 Pn 09:46:34.890 0.1 T__ ___ 6919730 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.97 44.4 Lg 09:46:47.719 -1.4 T__ ___ 6919729 FDSN SK -- BUD iLoc HHN ??? _
ET1H 0.99 248.7 Pn 09:46:34.940 0.1 T__ 73.9 ___ ML 1.9 6919731 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.99 248.7 Lg 09:46:48.168 -2.0 T__ ___ 6919732 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.33 332.3 Pg 09:46:41.273 1.3 T__ 55.5 ___ ML 2.0 6919734 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.33 332.3 Lg 09:46:58.378 -1.1 T__ ___ 6919733 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VYHS 1.63 279.6 Sn 09:47:06.731 0.1 T__ ___ 6919735 FDSN SK -- BUD iLoc HHN ??? _
SIRR 2.00 171.8 Lg 09:47:21.382 -0.1 T__ ___ 6919736 FDSN RO -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/23 10:00:28.29 1.01 1.01 48.1427 16.9321 22.3 3.7 139 0.0f 7 4 177 0.13 1.30 sx BUD 17002750 BUD 197

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ZST 0.13 64.8 Pg 10:00:31.868 0.4 T__ ___ 6919771 FDSN SK -- BUD iLoc HHZ ??? _
ZST 0.13 64.8 Lg 10:00:33.506 -0.6 T__ ___ 6919770 FDSN SK -- BUD iLoc HHN ??? _
MODS 0.33 44.8 Pg 10:00:35.894 0.5 T__ ___ 6919769 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.33 44.8 Lg 10:00:39.871 -1.2 T__ ___ 6919772 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.62 224.2 Pg 10:00:40.590 -0.1 T__ 56.6 ___ ML 1.6 6919774 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.62 224.2 Lg 10:00:48.143 -0.8 T__ ___ 6919773 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
ARSA 1.30 227.4 Lg 10:01:10.917 1.1 T__ ___ 6919775 FDSN OE -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/23 10:14:11.73 0.95 0.92 47.8442 19.1602 7.7 3.0 0 0.0f 14 8 185 0.10 1.13 kx BUD 17002752 BUD 256
2021/09/23 10:14:11.47 0.89 0.96 47.8355 19.1270f 0.0f 14 8 192 0.07 1.15 kx BUD_GT 17002753 BUD_GT 258

```

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

Magnitude Err Nsta Author OrigID  
ML 1.7 0.3 7 BUD\_GT 17002753

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 277.6 Pg 10:14:14.639 1.2 T__ 990.8 ___ ML 1.5 6919805 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 10:14:15.118 -0.2 T__ ___ 6919806 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.33 77.7 Lg 10:14:23.629 -0.3 T__ ___ 6919807 FDSN ZJ 00 BUD iLoc HHN ??? _

```

ET1H	0.50	84.8	Pg	10:14:22.242	-0.1	T__	54.8	___	ML	1.4	6919808	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.8	Lg	10:14:29.076	-1.1	T__		---			6919809	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
PSZ	0.52	80.6	Pg	10:14:23.224	0.3	T__	84.6	___	ML	1.7	6919811	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	10:14:30.018	-1.3	T__		---			6919810	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
VYHS	0.69	343.6	Pg	10:14:26.241	0.7	T__	24.7	___	ML	1.3	6919812	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.69	343.6	Lg	10:14:35.353	-0.4	T__		---			6919813	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
HU02A	0.98	72.5	Pg	10:14:31.945	0.2	T__	58.5	___	ML	1.8	6919815	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	10:14:45.054	-2.2	T__		---			6919814	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KECS	1.12	54.0	Pg	10:14:34.032	0.3	T__	112.1	___	ML	2.2	6919816	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.12	54.0	Sn	10:14:49.319	-1.2	T__		---			6919817	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
JOS	1.15	54.5	Pg	10:14:34.810	0.5	T__	64.9	___	ML	2.0	6919818	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/23	10:54:21.61	1.07	0.87	48.3251	19.8487	6.0	3.6	154	0.0f		15	11	138	0.41	1.72	sx	BUD	17002754	BUD			144

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	4 BUD	17002754

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.41	175.7	Pg	10:54:31.225	0.6					T__		392.6		___	ML	2.0	6919893	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	175.7	Lg	10:54:36.400	-0.9					T__				---		6919899	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	0.45	178.0	Pg	10:54:32.044	0.8					T__	181.2		___	ML	1.8	6919894	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.45	178.0	Lg	10:54:37.719	-0.5					T__			---			6919901	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.45	69.3	Lg	10:54:37.395	-0.4					T__			---			6919900	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU03A	0.45	201.7	Pg	10:54:32.034	0.8					T__	237.6		___	ML	1.9	6919897	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	0.45	201.7	Lg	10:54:37.869	-0.4					T__			---			6919902	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.49	69.4	Lg	10:54:38.639	-0.4					T__			---			6919903	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU02A	0.50	113.9	Pg	10:54:32.717	0.6					T__	133.3		___	ML	1.8	6919896	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.50	113.9	Lg	10:54:39.271	-0.9					T__			---			6919895	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
VYHS	0.70	284.4	Lg	10:54:45.460	-0.5					T__			---			6919904	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU10A	0.74	229.5	Lg	10:54:47.150	-1.3					T__			---			6919898	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.93	91.3	Lg	10:54:53.255	-1.2					T__			---			6919905	FDSN	HU	--	BUD	iLoc	HHN	???	_	

JAVC	1.54	291.1	Sn	10:55:11.298	-1.1	T__									6919906	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MODS	1.72	272.6	Sn	10:55:16.300	0.3	T__									6919907	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/23	12:20:37.30	2.74	0.41	47.3498	16.3724	17.9	5.9	142	0.0f		9	8	230	0.29	1.71	sx	BUD	17002756	BUD			251

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A011B	0.29	282.0	Lg	12:20:46.431	-0.4					T__						6919948	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
RONA	0.35	351.6	Pg	12:20:44.746	0.1					T__		163.6		_c	ML	1.5	6919946	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.35	351.6	Lg	12:20:49.372	-0.4					T__						6919949	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
SOP	0.36	20.6	Lg	12:20:49.902	-0.0					T__						6919947	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.59	260.6	Lg	12:20:56.027	-0.1					T__						6919950	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	0.67	329.4	Lg	12:20:59.692	0.1					T__						6919951	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	0.96	294.7	Lg	12:21:08.566	0.5					T__						6919952	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MODS	1.19	30.4	Sn	12:21:17.680	-0.3					T__						6919953	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.71	0.5	Sn	12:21:30.943	0.5					T__						6919954	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/24	08:32:36.01	0.96	1.46	47.8881	20.0973	7.1	2.8	156	0.0f		23	16	80	0.14	2.09	sx	BUD	17002760	BUD			120

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 7 BUD 17002760

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.14	282.6	Pg	08:32:40.044	0.4					T__		2646.2			ML	2.1	6920169	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.14	282.6	Lg	08:32:41.503	-1.2					T__						6920170	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
ET1H	0.15	266.7	Pg	08:32:40.184	0.5					T__		1279.1			ML	1.8	6920171	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.15	266.7	Lg	08:32:42.382	-0.3					T__						6920172	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	0.34	272.9	Lg	08:32:48.417	-0.3					T__						6920173	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.37	50.6	Pg	08:32:44.021	-0.1					T__		205.8			ML	1.6	6920174	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.37	50.6	Lg	08:32:48.177	-2.2					T__						6920175	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU01A	0.63	210.9	Lg	08:32:58.528	-1.0					T__						6920176	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.65	23.4	Lg	08:32:58.928	-0.1					T__						6920177	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	25.8	Pg	08:32:50.695	1.1					T__		70.5			ML	1.7	6920179	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	25.8	Lg	08:32:59.647	-0.3					T__						6920178	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU10A	0.73	267.0	Pg	08:32:51.734	0.7					T__		109.4			ML	1.9	6920181	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.73	267.0	Lg	08:33:01.246	-1.5					T__						6920180	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

(Station ML: 1.9 magdef=1																					
ABAH	0.87	61.5	Pg	08:32:54.691	1.4	T__				101.9	___ ML	2.0	6920182	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.87	61.5	Lg	08:33:06.321	-0.9	T__					---		6920183	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1																					
(Station ML: 2.0 magdef=1																					
VYHS	1.04	306.2	Pn	08:32:57.569	0.7	T__				29.5	___ ML	1.5	6920185	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.04	306.2	Lg	08:33:11.277	-0.9	T__					---		6920184	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1																					
(Station ML: 1.5 magdef=0																					
HU04A	1.16	201.6	Sn	08:33:15.273	0.0	T__					---		6920186	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU09A	1.18	258.5	Sn	08:33:15.753	-0.8	T__					---		6920187	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
NIE	1.54	4.9	Sn	08:33:26.063	0.3	T__					---		6920188	FDSN	PL	--	BUD	iLoc	BHN	???	_
TRPA	1.66	80.7	Sn	08:33:29.900	1.9	T__					---		6920189	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.95	211.2	Sn	08:33:37.733	3.3	T__					---		6920190	FDSN	HU	--	BUD	iLoc	HHN	???	_
DRGR	2.09	120.7	Sn	08:33:41.730	3.4	T__					---		6920191	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/24	09:11:26.94	0.87	1.21	48.4843	19.2986	4.9	2.9	7	0.0f		19	12	105	0.31	1.35	sx	BUD	17002762	BUD			158

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD	17002762

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.31	272.0	Pg	09:11:34.472	1.1					T__		50.5		___	ML	0.9	6920240	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.31	272.0	Lg	09:11:38.228	0.1					T__				---		6920239	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1																									
(Station ML: 0.9 magdef=0																									
HU10A	0.67	196.4	Lg	09:11:50.879	-0.5					T__				---		6920241	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.69	144.6	Pg	09:11:41.996	0.3					T__		68.1		___	ML	1.7	6920243	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.69	144.6	Lg	09:11:51.628	-0.7					T__				---		6920242	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1																									
(Station ML: 1.7 magdef=1																									
ET1H	0.72	147.5	Pg	09:11:42.409	0.4					T__		63.9		___	ML	1.7	6920245	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.72	147.5	Lg	09:11:52.600	-0.1					T__				---		6920244	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1																									
(Station ML: 1.7 magdef=1																									
A338A	0.79	233.8	Lg	09:11:54.318	-1.3					T__				---		6920248	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KECS	0.79	89.6	Pg	09:11:43.417	0.7					T__		231.5		___	ML	2.3	6920247	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.79	89.6	Lg	09:11:53.888	-0.6					T__				---		6920246	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1																									
(Station ML: 2.3 magdef=0																									
JOS	0.83	88.7	Pg	09:11:44.777	1.5					T__		93.2		___	ML	1.9	6920238	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.83	88.7	Lg	09:11:55.008	-0.7					T__				---		6920249	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1																									
(Station ML: 1.9 magdef=1																									
HU02A	0.90	113.4	Pg	09:11:45.573	0.2					T__		65.4		___	ML	1.8	6920251	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	113.4	Lg	09:11:57.882	-1.3					T__				---		6920250	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1																									
(Station ML: 1.8 magdef=1																									
JAVC	1.14	289.8	Lg	09:12:04.228	-3.1					T__				---		6920253	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
NIE	1.14	34.8	Lg	09:12:04.053	-1.1					T__				---		6920252	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	1.31	97.6	Pn	09:11:52.257	0.9					T__		78.1		___	ML	2.1	6920255	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

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ABAH  1.31 97.6 Sn      09:12:09.922 -0.7      T__      ---      6920254  FDSN HU      -- BUD  iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
MODS  1.35 266.0 Sn    09:12:10.959 -1.5      T__      ---      6920256  FDSN SK      -- BUD  iLoc HHN ??? _

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Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/24 09:22:09.44 1.28 1.29 47.0078 22.2926 9.1 6.7 140 0.0f 19 11 111 0.36 1.90 sx BUD 17002764 BUD 157

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Magnitude Err Nsta Author OrigID
ML 2.4 0.2 8 BUD 17002764

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.36 126.8 Pg 09:22:17.317 0.5 T__ 478.1 _c_ ML 2.0 6920304 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.36 126.8 Lg 09:22:21.154 -1.7 T__ --- 6920313 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
SIRR 0.86 210.7 Pg 09:22:26.589 -0.2 T__ 61.1 --- ML 1.8 6920305 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.86 210.7 Lg 09:22:38.419 -1.3 T__ --- 6920314 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
CJR 0.94 107.7 Pg 09:22:28.857 0.9 T__ 588.3 --- ML 2.8 6920307 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.94 107.7 Lg 09:22:40.366 -1.9 T__ --- 6920315 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
BMR 1.06 50.4 Lg 09:22:44.757 -1.4 T__ --- 6920316 FDSN RO -- BUD iLoc HHN ??? _
TRPA 1.14 8.4 Pn 09:22:31.881 0.4 T__ 83.6 --- ML 2.1 6920310 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.14 8.4 Lg 09:22:46.827 -2.0 T__ --- 6920311 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
DEV 1.20 159.2 Pg 09:22:33.129 0.8 T__ 278.9 --- ML 2.6 6920309 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 1.20 159.2 Lg 09:22:48.476 -0.8 T__ --- 6920308 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1
ARCR 1.41 86.1 Pg 09:22:37.220 0.5 T__ 150.3 --- ML 2.5 6920317 FDSN RO -- BUD iLoc HHZ HHZ _
ARCR 1.41 86.1 Sn 09:22:54.724 -1.3 T__ --- 6920312 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
BZS 1.47 198.9 Sn 09:22:56.249 -0.6 T__ --- 6920318 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.65 168.1 Pn 09:22:40.417 1.2 T__ 96.4 --- ML 2.4 6920306 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.65 168.1 Pg 09:22:41.776 1.1 T__ --- 6920319 FDSN RO -- BUD iLoc HHZ ??? _
GZR 1.65 168.1 Lg 09:23:03.916 0.1 T__ --- 6920320 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
LOT 1.87 146.2 Sn 09:23:07.877 0.3 T__ --- 6920321 FDSN RO -- BUD iLoc HHN ??? _
JOS 1.90 322.2 Pn 09:22:44.292 2.2 T__ 63.0 --- ML 2.4 6920322 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1

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Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/24 10:36:16.20 1.52 0.36 48.4717 20.8360 16.2 5.9 19 0.0f 6 4 205 0.20 0.88 sx BUD 17002766 BUD 310

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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	
JOS	0.20	277.1	Pg	10:36:20.605	0.2					T__		83.9		___	ML	0.8	6920411	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	277.1	Lg	10:36:23.427	-0.2					T__				---		6920414	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KECS	0.23	273.0	Pg	10:36:21.194	0.1					T__		536.8		___	ML	1.7	6920412	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	273.0	Lg	10:36:24.431	-0.4					T__				---		6920415	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.32	123.0	Lg	10:36:28.443	-0.3					T__				---		6920416	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	0.88	227.8	Lg	10:36:47.515	0.1					T__				---		6920413	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/24	10:43:04.37	1.40	0.93	47.7266	18.7328	8.5	4.6	42	0.0f		8	6	177	0.23	0.81	kx	BUD	17002768	BUD			240	
2021/09/24	10:43:04.08	0.97	0.84	47.7180	18.7130f				0.0f		8	6	182	0.24	0.82	kx	BUD_GT	17002769	BUD_GT			243	
(locality : Dorog Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.24	58.2	Lg	10:43:13.621	-0.3					T__				---		6920445	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BUD	0.32	138.0	Lg	10:43:16.550	-0.1					T__				---		6920446	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A338A	0.38	320.9	Lg	10:43:18.213	-0.7					T__				---		6920447	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
VYHS	0.78	6.0	Pg	10:43:20.987	1.0					T__		22.8		___	ML	1.3	6920449	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.78	6.0	Lg	10:43:30.978	-0.6					T__				---		6920448	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ET1H	0.80	77.9	Pg	10:43:21.267	0.3					T__		49.6		___	ML	1.6	6920451	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.80	77.9	Lg	10:43:32.058	-0.8					T__				---		6920450	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.82	75.4	Lg	10:43:32.593	-1.5					T__				---		6920452	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/25	04:13:21.91	2.11	0.58	47.3148	20.1245	20.8	6.7	46	6.4	15.3	9	5	206	0.10	0.92	ke	BUD	17002778	BUD			287

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.3 4 BUD 17002778

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BSZH	0.10	98.8	Pg	04:13:24.617	0.0					T__		303.1		___	ML	1.1	6921033	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.10	98.8	Lg	04:13:26.612	-0.1					T__				---		6921032	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ET1H	0.59	343.2	Pg	04:13:34.480	0.2					T__		42.8		___	ML	1.5	6921034	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.59	343.2	Lg	04:13:43.248	0.2					T__				---		6921029	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 0.62 345.6 Pg 04:13:35.163 -0.0 T__ 71.1 ___ ML 1.7 6921035 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.62 345.6 Lg 04:13:44.209 -0.5 T__ ___ 6921030 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.85 18.4 Lg 04:13:52.060 0.1 T__ ___ 6921031 FDSN ZJ 00 BUD iLoc HHN ??? _
HU10A 0.92 305.7 Pn 04:13:39.860 0.1 T__ ___ ML 1.8 6921036 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.92 305.7 Sn 04:13:52.618 -1.2 T__ ___ 6921037 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/26	02:51:00.20	1.25	0.23	47.3070	20.1245	8.5	4.8	98	4.7	29.9	8	5	121	0.10	1.01	ke	BUD	17002790	BUD			209

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Magnitude Err Nsta Author OrigID
ML 1.4 0.4 4 BUD 17002790

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BSZH	0.10	94.3	Pg	02:51:02.705	-0.0					T__		241.6		_d	ML	1.0	6921597	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BSZH	0.10	94.3	Lg	02:51:04.874	0.1					T__				---		6921603	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
ET1H	0.60	343.4	Pg	02:51:12.888	0.1					T__		27.6		---	ML	1.3	6921599	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.60	343.4	Lg	02:51:21.367	-0.2					T__				---		6921598	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
PSZ	0.63	345.8	Pg	02:51:13.604	0.0					T__		42.0		---	ML	1.5	6921600	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU04A	0.66	222.0	Pg	02:51:13.990	0.2					T__		76.8		---	ML	1.8	6921601	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.66	222.0	Lg	02:51:23.895	-0.2					T__				---		6921602	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
HU21A	1.01	195.7	Sn	02:51:34.155	-0.2					T__				---		6921604	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/27	05:50:24.27	1.27	0.91	47.3079	18.3044	6.6	3.9	107	0.0f		11	7	187	0.06	1.12	kx	BUD	17002798	BUD			275
2021/09/27	05:50:24.30	0.93	0.85	47.3167	18.3081f				0.0f		11	7	191	0.06	1.13	kx	BUD_GT	17002799	BUD_GT			278

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

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Magnitude Err Nsta Author OrigID
ML 1.5 0.1 4 BUD_GT 17002799

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.06	325.1	Pg	05:50:26.838	0.7					T__		1396.4		---	ML	1.6	6921882	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	05:50:27.323	-0.7					T__				---		6921883	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									

MSW2	0.07	257.7	Pg	05:50:26.877	0.5	T__	942.3	___	ML	1.5	6921887	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	257.7	Lg	05:50:27.891	-0.5	T__		---			6921888	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
MSW1	0.08	336.4	Pg	05:50:27.407	0.8	T__	927.3	___	ML	1.5	6921890	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	336.4	Lg	05:50:28.421	-0.5	T__		---			6921889	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
MSW3	0.14	298.3	Pg	05:50:28.305	0.6	T__	251.7	___	ML	1.1	6921891	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.14	298.3	Lg	05:50:30.125	-0.7	T__		---			6921892	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
HU08A	0.29	293.8	Lg	05:50:34.509	-1.2	T__		---			6921884	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
MPLH	0.54	254.6	Lg	05:50:43.567	-0.4	T__		---			6921885	FDSN	HU	--	BUD	iLoc	HNN	???	_
MORH	1.13	168.1	Lg	05:51:01.574	-1.4	T__		---			6921886	FDSN	HU	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/27	07:00:00.81	4.15	1.06	46.8554	22.7918	31.8	10.9	171	0.0f		7	4	292	0.08	1.56	sx	BUD	17002800	BUD			319

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	4 BUD	17002800

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.08	221.0	Pg	07:00:02.926	0.0					T__		184.0		___	ML	0.8	6921919	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.08	221.0	Lg	07:00:04.781	-0.0					T__				---		6921920	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
GZR	1.46	180.4	Pg	07:00:28.822	0.3					T__		40.1		___	ML	1.9	6921922	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.46	180.4	Sn	07:00:47.542	-1.1					T__				---		6921921	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
BZS	1.48	213.8	Pn	07:00:27.757	-0.1					T__		34.0		___	ML	1.9	6921923	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
LOT	1.56	153.9	Pg	07:00:30.464	-0.1					T__		50.0		___	ML	2.1	6921925	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.56	153.9	Sn	07:00:49.849	-1.8					T__				---		6921924	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/09/27	09:11:18.32	1.16	1.17	48.0438	20.7081	7.1	4.0	157	0.0f		12	7	199	0.15	1.33	kx	BUD	17002802	BUD					267
2021/09/27	09:11:18.65	0.91	1.02	48.0750	20.6990f				0.0f		12	7	192	0.13	1.31	kx	BUD_GT	17002803	BUD_GT					265

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	6 BUD_GT	17002803

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	292.1	Pg	09:11:22.647	0.8					T__		367.0		___	ML	1.2	6921989	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.13	292.1	Lg	09:11:24.011	-0.6	T__	---	6921990	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.2 magdef=1																			
(Station ML: 1.2 magdef=1																			
ABAH	0.42	58.4	Pg	09:11:28.110	0.7	T__	53.0	---	ML	1.2	6921991	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	09:11:32.824	-2.0	T__	---	6921992	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.2 magdef=1																			
(Station ML: 1.2 magdef=1																			
KECS	0.43	340.8	Pg	09:11:28.366	0.9	T__	759.2	---	ML	2.4	6921994	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	340.8	Lg	09:11:34.347	0.1	T__	---	6921993	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Reading ML: 2.4 magdef=1																			
(Station ML: 2.4 magdef=0																			
JOS	0.43	345.9	Pg	09:11:28.435	1.0	T__	49.6	---	ML	1.2	6921995	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	09:11:34.084	-0.2	T__	---	6921996	FDSN	ZJ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.2 magdef=1																			
(Station ML: 1.2 magdef=0																			
PSZ	0.56	254.1	Pg	09:11:30.816	-0.0	T__	37.6	---	ML	1.4	6921998	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.56	254.1	Lg	09:11:38.183	-1.5	T__	---	6921997	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.4 magdef=1																			
(Station ML: 1.4 magdef=1																			
ET1H	0.59	250.9	Lg	09:11:39.005	-1.2	T__	---	6921999	FDSN	HU	--	BUD	iLoc	HHN	???	_			
VYHS	1.31	289.3	Pg	09:11:44.502	-0.6	T__	14.6	---	ML	1.4	6922000	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1																			
(Station ML: 1.4 magdef=1																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/27	09:15:47.71	0.99	1.03	46.3162	21.9439	6.2	4.2	167	0.0f		12	8	135	0.20	1.54	sx	BUD	17002804	BUD			157

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	17002804

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.20	256.2	Pg	09:15:52.984	0.7					T__		170.2		_c	ML	1.1	6922035	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.20	256.2	Lg	09:15:55.593	-0.4					T__				---		6922037	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1																									
(Station ML: 1.1 magdef=1																									
DRGR	0.71	47.8	Pg	09:16:02.501	0.5					T__		94.5		---	ML	1.9	6922039	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.71	47.8	Lg	09:16:11.736	-1.8					T__				---		6922038	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1																									
(Station ML: 1.9 magdef=1																									
BZS	0.74	198.2	Pg	09:16:01.877	-0.2					T__		55.5		---	ML	1.7	6922036	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.74	198.2	Lg	09:16:11.596	-0.9					T__				---		6922040	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1																									
(Station ML: 1.7 magdef=1																									
DEV	0.80	122.6	Lg	09:16:13.957	-0.1					T__				---		6922041	FDSN	RO	--	BUD	iLoc	HHN	???	_	
AMBH	0.84	272.7	Lg	09:16:16.317	-1.2					T__				---		6922042	FDSN	HU	--	BUD	iLoc	HHN	???	_	
GZR	1.09	147.5	Pg	09:16:09.372	0.9					T__		103.7		---	ML	2.1	6922044	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.09	147.5	Lg	09:16:23.747	0.0					T__				---		6922043	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1																									
(Station ML: 2.1 magdef=1																									
CJR	1.21	70.2	Lg	09:16:27.358	-1.4					T__				---		6922045	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.54	123.6	Sn	09:16:37.120	-0.6					T__				---		6922046	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/27	10:39:04.59	1.03	1.05	47.3182	18.3786	5.4	4.2	134	0.0f	18	12	110	0.09	1.29	sx	BUD	17002810	BUD				128

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	17002810

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	299.2	Pg	10:39:07.750	0.7					T__		1028.8		_c	ML	1.6	6922354	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	299.2	Lg	10:39:08.750	-0.8					T__				---		6922360	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MSW1	0.11	312.6	Pg	10:39:08.251	0.8					T__		685.6		---	ML	1.4	6922370	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.11	312.6	Lg	10:39:09.349	-0.8					T__				---		6922371	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW2	0.12	262.1	Lg	10:39:09.430	-0.9					T__				---		6922369	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.32	0.5	Pg	10:39:12.366	0.9					T__		190.1		---	ML	1.5	6922356	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.32	0.5	Lg	10:39:16.366	-1.0					T__				---		6922355	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU08A	0.33	290.3	Pg	10:39:12.454	0.8					T__		83.6		---	ML	1.1	6922362	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.33	290.3	Lg	10:39:16.329	-1.2					T__				---		6922361	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU10A	0.68	39.2	Lg	10:39:28.559	-1.4					T__				---		6922363	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.12	170.5	Lg	10:39:42.202	-0.8					T__				---		6922357	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.16	60.4	Sn	10:39:43.729	-0.9					T__				---		6922364	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.19	59.1	Pn	10:39:27.870	0.3					T__		48.8		---	ML	1.8	6922366	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.19	59.1	Sn	10:39:44.808	-1.1					T__				---		6922365	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
VYHS	1.22	14.5	Pn	10:39:29.065	1.1					T__		15.4		---	ML	1.4	6922359	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.22	14.5	Sn	10:39:45.315	-1.3					T__				---		6922367	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KOVH	1.25	189.0	Sn	10:39:45.928	-0.5					T__				---		6922358	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MODS	1.29	325.3	Sn	10:39:47.075	-1.3					T__				---		6922368	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/28	07:02:10.51	0.98	0.68	47.9821	16.6105	10.6	3.7	132	0.0f	7	5	168	0.35	1.09	sx	BUD	17002816	BUD				224

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.35	217.0	Pg	07:02:17.658	-0.1					T__		45.2		---	ML	0.9	6922810	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.35	217.0	Lg	07:02:22.560	-0.1					T__				---		6922808	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
CONA	0.51	264.2	Lg	07:02:27.226	-0.2					T__				---		6922811	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.59	48.5	Pg	07:02:23.376	0.5					T__				---		6922812	FDSN	SK	--	BUD	iLoc	HHZ	???	_	

MODS	0.59	48.5	Lg	07:02:31.366	-1.0	T__	---	6922809	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	1.04	225.5	Lg	07:02:44.256	0.7	T__	---	6922813	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.09	352.5	Lg	07:02:47.358	-0.2	T__	---	6922814	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/28	07:48:59.40	2.15	0.58	45.8462	18.4110	16.0	5.4	154	0.0f	6	3	256	0.33	0.42	sx	BUD	17002818	BUD				321

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	3 BUD	17002818

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.33	318.2	Pg	07:49:06.958	0.4					T__		49.2		---	ML	0.9	6922833	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.33	318.2	Lg	07:49:11.393	-0.4					T__				---		6922836	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MORH	0.40	23.6	Pg	07:49:08.201	0.2					T__		38.0		_c_	ML	1.0	6922832	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.40	23.6	Lg	07:49:13.996	-0.6					T__				---		6922837	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A273A	0.42	279.8	Pg	07:49:08.476	0.1					T__		415.6		---	ML	2.1	6922835	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.42	279.8	Lg	07:49:13.910	-0.5					T__				---		6922834	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/28	08:11:30.58	0.93	0.79	46.0525	22.8243	5.8	4.0	92	0.0f	14	8	87	0.18	1.48	sx	BUD	17002822	BUD					116

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD	17002822

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.18	161.9	Pg	08:11:34.156	0.2					T__		803.7		_c_	ML	1.7	6922935	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	161.9	Lg	08:11:36.025	-0.5					T__				---		6922936	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.66	182.9	Pg	08:11:43.550	0.3					T__		87.0		---	ML	1.8	6922931	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.66	182.9	Lg	08:11:51.948	-0.7					T__				---		6922937	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
DRGR	0.74	354.0	Pg	08:11:45.627	0.1					T__		55.1		---	ML	1.7	6922934	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.74	354.0	Lg	08:11:56.573	-1.0					T__				---		6922938	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SIRR	0.84	285.3	Lg	08:11:59.392	-0.4					T__				---		6922939	FDSN	RO	--	BUD	iLoc	HHN	???	_	
CJR	0.85	38.7	Pg	08:11:48.216	0.8					T__		223.9		---	ML	2.3	6922941	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	0.85	38.7	Lg	08:11:59.626	-1.0					T__				---		6922940	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
LOT	0.90	132.1	Pg	08:11:48.286	0.5					T__		87.7		---	ML	1.9	6922932	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.90	132.1	Lg	08:11:59.792	-1.1					T__				---		6922942	FDSN	RO	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1  
 BZS 0.95 243.1 Pg 08:11:49.947 0.8 T\_\_ 35.0 \_\_\_ ML 1.6 6922933 FDSN RO -- BUD iLoc HHZ HHZ \_  
 BZS 0.95 243.1 Lg 08:12:01.869 -0.6 T\_\_ \_\_\_ 6922943 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=0  
 ARCR 1.48 45.0 Pg 08:12:00.127 0.9 T\_\_ 102.6 \_\_\_ ML 2.3 6922944 FDSN RO -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.3 magdef=1  
 (Station ML: 2.3 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/28	10:27:32.14	0.83	1.04	47.7538	19.0497	3.7	3.3	169	0.0f	24	17	63	0.09	1.44	kx	BUD	17002826	BUD				106
2021/09/28	10:27:32.12	0.83	0.82	47.7791	19.0372f				0.0f	24	17	64	0.07	1.41	kx	BUD_GT	17002827	BUD_GT				102

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD_GT	17002827

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU10A	0.07	349.3	Pg	10:27:35.381	1.4					T__		5469.1		___	ML	2.2 6923050	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	349.3	Lg	10:27:36.087	0.3					T__				---		6923070	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0																								
BUD	0.30	181.7	Lg	10:27:43.393	-0.6					T__				---		6923071	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU03A	0.40	71.6	Lg	10:27:46.817	-0.3					T__				---		6923072	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU09A	0.46	252.6	Lg	10:27:48.792	-0.9					T__				---		6923051	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	0.57	79.6	Pg	10:27:44.332	-0.0					T__		53.1		---	ML	1.5 6923053	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.57	79.6	Lg	10:27:52.751	-0.4					T__				---		6923052	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0																								
HU01A	0.59	137.5	Lg	10:27:52.847	-1.2					T__				---		6923073	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.59	76.1	Pg	10:27:45.020	0.0					T__		69.6		---	ML	1.7 6923054	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.59	76.1	Lg	10:27:53.549	-0.8					T__				---		6923055	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
CSKK	0.67	231.9	Lg	10:27:55.751	-1.1					T__				---		6923056	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	0.73	349.4	Lg	10:27:57.345	-0.4					T__				---		6923057	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU08A	0.83	245.6	Lg	10:28:01.101	-0.8					T__				---		6923058	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	1.06	70.5	Pg	10:27:54.498	0.6					T__		52.1		---	ML	1.8 6923060	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.06	70.5	Sn	10:28:08.233	-1.8					T__				---		6923059	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																								
MPLH	1.18	239.6	Pg	10:27:56.124	0.5					T__		64.2		---	ML	2.0 6923061	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.18	239.6	Lg	10:28:12.186	-0.6					T__				---		6923062	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																								
KECS	1.20	53.5	Pg	10:27:56.234	0.3					T__		74.5		---	ML	2.0 6923065	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.20	53.5	Sn	10:28:12.849	-0.3					T__				---		6923064	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																								
EGYH	1.21	253.2	Sn	10:28:12.911	-0.6					T__				---		6923063	FDSN	HU	--	BUD	iLoc	HHN	???	_

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JOS 1.24 54.0 Pg 10:27:57.027 0.4 T__ 41.5 ___ ML 1.8 6923066 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.24 54.0 Sn 10:28:13.753 -0.3 T__ ___ 6923067 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 1.32 297.4 Sn 10:28:15.476 -1.4 T__ ___ 6923068 FDSN SK -- BUD iLoc HHN ??? _
JAVC 1.41 320.3 Sn 10:28:18.750 -1.0 T__ ___ 6923069 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/28 11:36:00.10 1.08 0.89 47.8586 20.1659 7.5 3.2 156 0.0f 16 9 157 0.19 1.09 kx BUD 17002828 BUD 217
2021/09/28 11:36:00.07 0.86 0.68 47.8650 20.1529f 0.0f 16 9 155 0.18 1.08 kx BUD_GT 17002829 BUD_GT 215
(locality : Kismána Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD_GT 17002829

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.18 287.2 Pg 11:36:05.390 0.8 T__ 839.1 ___ ML 1.7 6923168 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.18 287.2 Lg 11:36:07.502 -0.7 T__ ___ 6923170 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.19 274.4 Pg 11:36:05.390 0.8 T__ 622.1 ___ ML 1.6 6923169 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 274.4 Lg 11:36:07.917 -0.1 T__ ___ 6923171 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.36 44.0 Pg 11:36:08.259 0.3 T__ 169.0 ___ ML 1.5 6923182 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 11:36:12.480 -1.6 T__ ___ 6923172 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU03A 0.37 276.2 Lg 11:36:14.053 -0.1 T__ ___ 6923173 FDSN ZJ 00 BUD iLoc HHN ??? _
HU01A 0.63 214.9 Lg 11:36:22.807 -0.8 T__ ___ 6923183 FDSN ZJ 00 BUD iLoc HHE ??? _
KECS 0.66 19.7 Pn 11:36:14.787 -0.6 T__ 70.3 ___ ML 1.7 6923175 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.66 19.7 Lg 11:36:23.482 0.1 T__ ___ 6923174 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.68 22.1 Pg 11:36:13.587 -0.2 T__ 56.8 ___ ML 1.6 6923176 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 11:36:24.221 0.0 T__ ___ 6923177 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.85 59.0 Pn 11:36:17.729 -0.2 T__ 63.9 ___ ML 1.8 6923179 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.85 59.0 Lg 11:36:29.747 -0.9 T__ ___ 6923178 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS 1.08 306.0 Pg 11:36:22.086 0.1 T__ 16.2 ___ ML 1.3 6923180 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 306.0 Lg 11:36:37.040 -0.7 T__ ___ 6923181 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/28 15:25:32.99 1.21 0.52 47.5894 16.3767 7.5 5.4 13 0.0f 6 5 135 0.12 0.67 sx BUD 17002830 BUD 209

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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	333.8	Pg	15:25:35.704	-0.1					T__		141.9		___	ML	0.8	6923212	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
					RONA	0.12	333.8	Lg	15:25:37.948	0.0					T__				---			6923213	FDSN	OE	--	BUD	iLoc	HHN	???	_
					(Reading ML: 0.8 magdef=1)																									
					(Station ML: 0.8 magdef=0)																									
					SOP	0.15	52.5	Lg	15:25:39.705	0.7					T__				---			6923214	FDSN	HU	--	BUD	iLoc	HHN	???	_
					CONA	0.49	314.5	Lg	15:25:49.141	-0.1					T__				---			6923215	FDSN	OE	--	BUD	iLoc	HHN	???	_
					EGYH	0.67	104.6	Lg	15:25:56.376	-0.4					T__				---			6923217	FDSN	HU	--	BUD	iLoc	HHN	???	_
					ARSA	0.67	240.0	Lg	15:25:54.823	0.4					T__				---			6923216	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/28	19:59:09.14	1.06	0.62	45.5497	16.0528	7.1	4.7	46	0.0f		23	14	169	0.28	1.93	ke	BUD	17002834	BUD			230

Magnitude	Err	Nsta	Author	OrigID	Sta	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	0.0	10	BUD																										
					ZAG	0.28	350.6	Pg	19:59:15.236	0.3					T__		1303.7		___	ML	2.2	6923367	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
					ZAG	0.28	350.6	Lg	19:59:20.030	0.8					T__				---			6923368	FDSN	CR	--	BUD	iLoc	BHN	???	_
					(Reading ML: 2.2 magdef=1)																									
					(Station ML: 2.2 magdef=1)																									
					PTJ	0.36	350.6	Pg	19:59:16.122	-0.7					T__		331.5		___	ML	1.8	6923370	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
					PTJ	0.36	350.6	Lg	19:59:21.958	-0.7					T__				---			6923369	FDSN	CR	--	BUD	iLoc	BHN	???	_
					(Reading ML: 1.8 magdef=1)																									
					(Station ML: 1.8 magdef=0)																									
					CRES	0.50	303.7	Pg	19:59:18.936	0.0					T__		106.0		___	ML	1.7	6923371	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
					CRES	0.50	303.7	Lg	19:59:26.180	-0.1					T__				---			6923372	FDSN	SL	--	BUD	iLoc	BHE	???	_
					(Reading ML: 1.7 magdef=1)																									
					(Station ML: 1.7 magdef=0)																									
					KOGS	0.91	8.6	Pg	19:59:27.378	0.1					T__		131.9		___	ML	2.1	6923374	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
					KOGS	0.91	8.6	Lg	19:59:40.094	0.7					T__				---			6923373	FDSN	SL	--	BUD	iLoc	BHE	???	_
					(Reading ML: 2.1 magdef=1)																									
					(Station ML: 2.1 magdef=1)																									
					BEHE	1.05	28.4	Pg	19:59:30.010	0.2					T__		177.3		___	ML	2.3	6923377	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
					BEHE	1.05	28.4	Lg	19:59:44.471	-0.1					T__				---			6923378	FDSN	HU	--	BUD	iLoc	HHN	???	_
					(Reading ML: 2.3 magdef=1)																									
					(Station ML: 2.3 magdef=1)																									
					A264A	1.06	54.3	Pg	19:59:30.244	0.3					T__		143.7		___	ML	2.2	6923375	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
					A264A	1.06	54.3	Lg	19:59:44.081	-0.7					T__				---			6923376	FDSN	Z3	00	BUD	iLoc	HHN	???	_
					(Reading ML: 2.2 magdef=1)																									
					(Station ML: 2.2 magdef=1)																									
					BLY	1.13	134.6	Pg	19:59:30.364	-0.5					T__		128.6		___	ML	2.2	6923383	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
					BLY	1.13	134.6	Lg	19:59:46.363	0.9					T__				---			6923384	FDSN	MN	--	BUD	iLoc	HHN	???	_
					(Reading ML: 2.2 magdef=1)																									
					(Station ML: 2.2 magdef=1)																									
					A273A	1.29	72.8	Pn	19:59:33.699	0.0					T__		145.3		___	ML	2.4	6923385	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
					A273A	1.29	72.8	Sn	19:59:51.425	-0.3					T__				---			6923379	FDSN	Z3	00	BUD	iLoc	HHN	???	_
					(Reading ML: 2.4 magdef=1)																									
					(Station ML: 2.4 magdef=0)																									

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A263A  1.40 38.4 Sn      19:59:54.805  0.5      T__
OBKA   1.42 313.0 Pn    19:59:36.781  0.3      T__      84.6      --- ML      2.2 6923380  FDSN OE      -- BUD  iLoc  HHZ  HHZ  _
OBKA   1.42 313.0 Sn    19:59:55.691 -0.4      T__      ---      ---      6923386  FDSN OE      -- BUD  iLoc  HHN  ???  _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A265A  1.50 53.6 Lg      19:59:57.671 -0.6      T__      ---      ---      6923388  FDSN Z3      00 BUD  iLoc  HHN  ???  _
KOVH   1.53 68.7 Sn    19:59:56.994 -0.6      T__      ---      ---      6923389  FDSN HU      -- BUD  iLoc  HHN  ???  _
A261A  1.60 28.1 Sn    19:59:59.034  0.1      T__      ---      ---      6923381  FDSN Z3      00 BUD  iLoc  HHN  ???  _
MORH   1.93 68.9 Pn    19:59:43.895  1.5      T__      89.9      --- ML      2.5 6923382  FDSN HU      -- BUD  iLoc  HHZ  HHZ  _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/09/29 06:40:41.39  0.89  0.90 48.4768 17.4838  8.1  2.7 130  0.0f  12  8 133  0.17  1.30  sx  BUD  17002838  BUD  186

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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  0.17 233.2 Pg      06:40:45.781  0.3      T__
MODS  0.17 233.2 Lg      06:40:47.453 -1.4      T__
ZST   0.38 222.3 Pg      06:40:49.750  0.4      T__
ZST   0.38 222.3 Lg      06:40:54.407 -1.2      T__
JAVC  0.40 17.9 Pg      06:40:49.718 -0.3      T__      75.3      --- ML      1.3 6923479  FDSN CZ      -- BUD  iLoc  HHZ  HHZ  _
JAVC  0.40 17.9 Lg      06:40:55.375 -1.3      T__      ---      ---      6923483  FDSN CZ      -- BUD  iLoc  HHN  ???  _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A331A  0.83 35.6 Pg      06:40:58.497  0.7      T__      55.5      --- ML      1.7 6923485  FDSN Z3      00 BUD  iLoc  HHZ  HHZ  _
A331A  0.83 35.6 Lg      06:41:09.778  0.6      T__      ---      ---      6923484  FDSN Z3      00 BUD  iLoc  HHN  ???  _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS  0.90 88.4 Lg      06:41:11.864 -0.8      T__      ---      ---      6923486  FDSN SK      -- BUD  iLoc  HHN  ???  _
RONA  1.11 226.1 Lg      06:41:18.280  0.4      T__      ---      ---      6923487  FDSN OE      -- BUD  iLoc  HHN  ???  _
CONA  1.22 243.8 Lg      06:41:21.475  0.4      T__      ---      ---      6923488  FDSN OE      -- BUD  iLoc  HHN  ???  _
MORC  1.30 1.7 Lg      06:41:24.147  0.4      T__      ---      ---      6923489  FDSN CZ      -- BUD  iLoc  HHN  ???  _

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/09/29 06:50:36.42  1.16  0.85 48.0253 20.3290 10.7  3.7 143  0.0f  8  4 196  0.16  0.49  kx  BUD  17002840  BUD  319
2021/09/29 06:50:35.77  0.96  1.02 47.9767 20.3679f 0.0f  8  4 223  0.18  0.53  kx  BUD_GT  17002841  BUD_GT  332

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(locality : Eger-III. Hungary)

(GT info : GT2 explosion)

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Magnitude  Err Nsta Author  OrigID
ML      1.1 0.2  4  BUD_GT  17002841

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
HU02A  0.18 35.8 Pg      06:50:40.703  0.7      T__      140.5      _c_ ML      0.9 6923535  FDSN ZJ      00 BUD  iLoc  HHZ  HHZ  _
HU02A  0.18 35.8 Lg      06:50:42.992 -0.6      T__      ---      ---      6923540  FDSN ZJ      00 BUD  iLoc  HHN  ???  _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
PSZ   0.32 259.8 Pg      06:50:43.904  0.8      T__      48.2      --- ML      0.9 6923541  FDSN GE      -- BUD  iLoc  HHZ  HHZ  _

```

PSZ	0.32	259.8	Lg	06:50:48.103	-0.6	T__								6923542	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.9 magdef=1)																						
(Station ML: 0.9 magdef=1)																						
KECS	0.51	8.8	Pg	06:50:46.717	0.5	T__				96.2		ML	1.7	6923538	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.51	8.8	Lg	06:50:52.592	-1.5	T__								6923539	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
JOS	0.53	12.4	Pg	06:50:46.968	0.5	T__				24.5		ML	1.2	6923537	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	06:50:53.062	-1.7	T__								6923536	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																						
(Station ML: 1.2 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/29	07:07:30.97	0.96	0.87	47.9611	16.6620	7.2	3.5	128	0.0f		10	6	149	0.29	1.12	sx	BUD	17002842	BUD			203

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.7	3 BUD	17002842

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
SOP	0.29	194.2	Lg	07:07:40.537	-0.6					T__						6923589	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	0.36	223.4	Pg	07:07:38.570	0.2					T__		36.2		ML	0.9	6923591	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.36	223.4	Lg	07:07:42.695	-0.7					T__						6923590	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
CONA	0.54	266.8	Pg	07:07:42.226	0.5					T__		35.1		ML	1.3	6923595	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.54	266.8	Lg	07:07:48.125	-0.8					T__						6923592	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
MODS	0.58	44.7	Pg	07:07:43.663	0.5					T__						6923596	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.58	44.7	Lg	07:07:51.500	-1.0					T__						6923588	FDSN	SK	--	BUD	iLoc	HHN	???	_
ARSA	1.05	227.7	Lg	07:08:05.147	0.8					T__						6923593	FDSN	OE	--	BUD	iLoc	HHN	???	_
KRUC	1.12	350.9	Pg	07:07:53.191	0.8					T__		47.4		ML	1.8	6923597	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.12	350.9	Lg	07:08:07.881	-1.0					T__						6923594	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/29	07:25:24.08	3.85	0.24	46.7881	22.8298	46.8	14.1	25	0.0f		8	4	241	0.08	1.49	sx	BUD	17002844	BUD			297

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	17002844

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.08	272.5	Pg	07:25:26.146	0.0					T__		531.6		_c_	ML	1.3	6923623	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.08	272.5	Lg	07:25:27.927	-0.1					T__						6923624	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
GZR	1.40	181.5	Pn	07:25:50.399	0.1					T__		37.8		ML	1.9	6923625	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
GZR	1.40	181.5	Sn	07:26:10.336	0.1					T__						6923626	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

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(Station ML: 1.9 magdef=1
BZS 1.44 216.2 Pn 07:25:50.643 0.0 T__ 25.7 --- ML 1.7 6923628 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.44 216.2 Sn 07:26:11.143 0.3 T__ --- 6923627 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 1.49 153.7 Pn 07:25:51.682 -0.2 T__ 60.1 --- ML 2.1 6923629 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.49 153.7 Sn 07:26:12.744 -0.4 T__ --- 6923630 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/29	08:09:51.26	2.29	1.14	46.1599	17.9734	16.7	6.9	135	0.0f	5	3	238	0.11	0.47	sx	BUD	17002846	BUD				313

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.11	129.1	Pg	08:09:54.828	0.6					T__		373.1		_c_	ML	1.2	6923653	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.11	129.1	Lg	08:09:56.024	-0.7					T__				---		6923656	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A273A	0.27	204.3	Lg	08:10:00.399	-0.8					T__				---		6923657	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	0.47	83.0	Pg	08:10:01.368	0.3					T__		30.6		---	ML	1.1	6923658	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.47	83.0	Lg	08:10:07.562	-1.0					T__				---		6923654	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/29	08:22:02.11	1.00	1.04	47.5091	18.7077	7.0	3.5	165	0.0f	14	10	85	0.22	1.37	sx	BUD	17002848	BUD					147

Magnitude Err Nsta Author OrigID  
ML 1.4 0.2 4 BUD 17002848

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BUD	0.22	96.7	Lg	08:22:10.687	-0.6					T__				---		6923694	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.26	300.6	Pg	08:22:08.703	1.0					T__		170.7		---	ML	1.2	6923692	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.26	300.6	Lg	08:22:11.441	-1.1					T__				---		6923701	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.34	244.5	Lg	08:22:14.187	-1.3					T__				---		6923695	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.54	262.0	Lg	08:22:21.003	-1.1					T__				---		6923702	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.86	247.3	Lg	08:22:31.750	-0.5					T__				---		6923696	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	0.87	64.4	Pn	08:22:20.812	0.3					T__		30.1		---	ML	1.5	6923698	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	64.4	Lg	08:22:32.812	-0.6					T__				---		6923697	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.90	62.5	Pn	08:22:21.500	0.4					T__		45.4		---	ML	1.7	6923700	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.90	62.5	Lg	08:22:33.687	-1.2					T__				---		6923699	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	0.99	5.0	Pg	08:22:23.062	0.9					T__		17.3		---	ML	1.3	6923691	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS	0.99	5.0	Lg	08:22:35.253	-1.5	T__	---	6923703	FDSN	SK	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.3 magdef=1)																
(Station ML: 1.3 magdef=1)																
MORH	1.30	182.0	Sn	08:22:44.171	-1.0	T__	---	6923693	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	1.37	62.7	Sn	08:22:47.000	-0.5	T__	---	6923690	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/29	08:25:24.98	1.84	0.92	46.1357	18.0301	14.0	5.2	80	0.0f	6	3	248	0.07	0.43	sx	BUD	17002850	BUD				304

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.4	3 BUD	17002850

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
KOVH	0.07	134.3	Pg	08:25:27.375	0.3					T__		661.9		_c_	ML	1.3	6923758	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.07	134.3	Lg	08:25:28.093	-0.9					T__				---		6923759	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
A266A	0.42	22.5	Pg	08:25:34.281	0.3					T__		156.5		---	ML	1.7	6923761	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A266A	0.42	22.5	Lg	08:25:39.906	-0.9					T__				---		6923760	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
MORH	0.43	79.2	Pg	08:25:34.734	0.6					T__		31.9		---	ML	1.0	6923757	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	0.43	79.2	Lg	08:25:40.468	-0.6					T__				---		6923762	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1)																										
(Station ML: 1.0 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/09/29	09:28:45.46	0.97	1.45	46.9046	17.3582	5.4	4.6	2	0.0f	18	15	84	0.15	1.97	kx	BUD	17002852	BUD					104
2021/09/29	09:28:44.72	0.94	1.21	46.8548	17.2699f				0.0f	18	15	81	0.13	2.02	kx	BUD_GT	17002853	BUD_GT					100

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

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.4	3 BUD_GT	17002853

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
A261A	0.13	319.5	Pg	09:28:49.453	1.5					T__		6344.8		---	ML	2.5	6923926	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A261A	0.13	319.5	Lg	09:28:50.837	0.2					T__				---		6923941	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.5 magdef=1)																										
(Station ML: 2.5 magdef=1)																										
MPLH	0.37	30.2	Pg	09:28:51.750	-0.9					T__		782.8		---	ML	2.2	6923924	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	0.37	30.2	Lg	09:28:55.888	-2.8					T__				---		6923942	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1)																										
(Station ML: 2.2 magdef=1)																										
HU08A	0.73	37.5	Lg	09:29:10.531	-0.9					T__				---		6923940	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KOVH	0.96	142.9	Pn	09:29:05.203	0.9					T__		58.9		---	ML	1.8	6923925	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.96	142.9	Lg	09:29:18.078	0.4					T__				---		6923928	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
RONA	1.07	322.3	Sn	09:29:22.082	-0.0					T__				---		6923929	FDSN	OE	--	BUD	iLoc	HHN	???	_		

HU09A	1.09	43.6	Sn	09:29:22.802	-0.0	T__	---	6923930	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.14	123.5	Sn	09:29:23.594	-0.0	T__	---	6923931	FDSN	HU	--	BUD	iLoc	HHN	???	_
SRO	1.19	36.1	Sn	09:29:26.219	0.9	T__	---	6923939	FDSN	SK	--	BUD	iLoc	EHN	???	_
ARSA	1.26	289.0	Sn	09:29:26.755	0.6	T__	---	6923932	FDSN	OE	--	BUD	iLoc	HHN	???	_
PTJ	1.31	224.0	Sn	09:29:28.379	0.0	T__	---	6923933	FDSN	CR	--	BUD	iLoc	BHN	???	_
CONA	1.44	318.8	Sn	09:29:31.878	0.7	T__	---	6923934	FDSN	OE	--	BUD	iLoc	HHN	???	_
CRES	1.62	231.3	Sn	09:29:37.530	1.9	T__	---	6923935	FDSN	SL	--	BUD	iLoc	BHN	???	_
OBKA	1.90	260.5	Lg	09:29:45.556	-0.5	T__	---	6923936	FDSN	OE	--	BUD	iLoc	HHN	???	_
VYHS	1.95	32.3	Sn	09:29:46.230	1.8	T__	---	6923937	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	2.02	7.5	Sn	09:29:48.478	1.8	T__	---	6923938	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/29	09:35:33.65	1.71	0.23	48.3919	20.6247	14.7	3.4	85	0.0f		10	5	222	0.12	0.72	sx	BUD	17002854	BUD			253

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	5 BUD	17002854

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.12	331.4	Pg	09:35:36.171	-0.1					T__		362.7		_c_	ML	1.2	6923971	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	331.4	Lg	09:35:38.148	-0.3					T__				---		6923972	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KECS	0.13	314.7	Pg	09:35:36.710	0.2					T__		519.3		---	ML	1.4	6923974	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.13	314.7	Lg	09:35:39.109	0.3					T__				---		6923973	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU02A	0.28	193.9	Pg	09:35:39.960	0.1					T__		34.9		---	ML	0.6	6923975	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.28	193.9	Lg	09:35:44.367	-0.3					T__				---		6923976	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=0)																									
PSZ	0.68	226.2	Pg	09:35:48.019	-0.2					T__		43.4		---	ML	1.5	6923978	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.68	226.2	Lg	09:35:58.613	-0.1					T__				---		6923977	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
ET1H	0.72	224.8	Pg	09:35:48.935	0.1					T__		35.4		---	ML	1.4	6923980	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.72	224.8	Lg	09:35:59.560	0.0					T__				---		6923979	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/09/29	10:23:45.67	0.94	1.15	48.9515	19.8741	5.1	4.0	115	0.0f		13	8	153	0.54	1.12	sx	BUD	17002856	BUD					248

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	17002856

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
NIE	0.54	30.7	Pg	10:23:56.279	0.3					T__		26.5		---	ML	1.2	6924046	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.54	30.7	Lg	10:24:03.341	-0.5					T__				---		6924052	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									

KECS	0.62	138.9	Lg	10:24:06.714	-0.6	T__								6924053	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.63	135.7	Pg	10:23:59.859	1.6	T__	50.9							6924051	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	135.7	Lg	10:24:07.084	-0.7	T__								6924054	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
VYHS	0.83	236.7	Pg	10:24:02.768	0.4	T__	11.4							6924048	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.83	236.7	Lg	10:24:14.455	0.2	T__								6924047	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																						
(Station ML: 1.0 magdef=0)																						
HU02A	0.94	152.2	Pg	10:24:05.593	0.7	T__	33.5							6924044	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.94	152.2	Lg	10:24:17.109	-1.3	T__								6924049	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																						
(Station ML: 1.5 magdef=1)																						
PSZ	1.03	179.2	Pn	10:24:06.421	-0.3	T__	46.5							6924045	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.03	179.2	Lg	10:24:20.869	-1.7	T__								6924055	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=0)																						
ET1H	1.07	180.1	Lg	10:24:22.018	-1.5	T__								6924056	FDSN	HU	--	BUD	iLoc	HHN	???	_
ABAH	1.12	125.4	Lg	10:24:22.487	-1.4	T__								6924050	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/29	10:50:59.37	1.47	1.14	48.8322	21.3310	26.9	4.2	156	0.0f	9	5	202	0.62	1.32	sx	BUD	17002858	BUD				338

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	3 BUD	17002858

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.62	237.6	Pg	10:51:12.567	0.8					T__		42.1			ML	1.5	6924130	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.62	237.6	Lg	10:51:19.879	-1.3					T__						6924127	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOLS	0.63	80.4	Pg	10:51:11.594	0.1					T__						6924133	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.63	80.4	Lg	10:51:22.039	0.3					T__						6924135	FDSN	SK	--	BUD	iLoc	HHE	???	_	
KECS	0.66	238.4	Pg	10:51:12.980	0.4					T__	165.1				ML	2.1	6924128	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.66	238.4	Lg	10:51:21.431	-1.0					T__						6924134	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
HU02A	0.89	217.3	Pg	10:51:18.551	0.9					T__	30.2				ML	1.5	6924131	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	217.3	Lg	10:51:30.113	-1.2					T__						6924129	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	1.32	226.9	Sn	10:51:42.682	-1.4					T__						6924132	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/30	06:32:38.45	1.11	0.95	48.0666	20.6887	6.5	3.7	153	0.0f	12	6	193	0.12	0.58	kx	BUD	17002866	BUD				264
2021/09/30	06:32:38.47	0.91	0.86	48.0750	20.6990f				0.0f	12	6	192	0.13	0.59	kx	BUD_GT	17002867	BUD_GT				265

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

Magnitude	Err	Nsta	Author	OrigID
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ML 1.4 0.1 6 BUD\_GT 17002867

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	292.1	Pg	06:32:41.906	0.3					T__		663.2		_c_	ML	1.5	6924639	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	06:32:43.781	-0.6					T__				---		6924641	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
ABAH	0.42	58.4	Pg	06:32:48.031	0.8					T__		70.3		---	ML	1.3	6924643	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.42	58.4	Lg	06:32:53.250	-1.4					T__				---		6924642	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
KECS	0.43	340.8	Pg	06:32:48.140	0.8					T__		155.9		---	ML	1.7	6924645	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	340.8	Lg	06:32:53.500	-0.5					T__				---		6924644	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
JOS	0.43	345.9	Pg	06:32:48.187	0.9					T__		58.5		---	ML	1.3	6924640	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	06:32:53.562	-0.5					T__				---		6924646	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
PSZ	0.56	254.1	Pg	06:32:51.046	0.4					T__		39.3		---	ML	1.4	6924648	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.56	254.1	Lg	06:32:58.234	-1.3					T__				---		6924647	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
ET1H	0.59	250.9	Pg	06:32:51.426	0.4					T__		33.9		---	ML	1.4	6924649	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.59	250.9	Lg	06:32:59.066	-1.0					T__				---		6924650	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/30	06:44:18.57	1.24	1.11	47.3889	18.3911	10.2	4.0	139	0.0f		15	10	108	0.09	1.19	sx	BUD	17002868	BUD			186

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 5 BUD 17002868

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	253.8	Pg	06:44:21.781	0.7					T__		2093.1		_c_	ML	1.9	6924699	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	253.8	Lg	06:44:22.718	-0.8					T__				---		6924701	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
HU09A	0.25	358.6	Lg	06:44:28.875	0.0					T__				---		6924702	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	277.8	Pg	06:44:26.093	0.6					T__		331.8		---	ML	1.7	6924704	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.32	277.8	Lg	06:44:30.375	-0.8					T__				---		6924703	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
MPLH	0.62	249.6	Pg	06:44:31.656	0.4					T__		40.4		---	ML	1.5	6924706	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.62	249.6	Lg	06:44:39.718	-1.0					T__				---		6924705	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU10A	0.62	42.7	Lg	06:44:40.906	-0.9					T__				---		6924707	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
EGYH	0.72	272.6	Lg	06:44:43.343	-0.8					T__				---		6924708	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.11	63.4	Sn	06:44:56.468	-1.1					T__				---		6924709	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VVHS	1.15	15.0	Pn	06:44:41.968	1.0					T__		16.7		---	ML	1.4	6924713	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS	1.15	15.0	Lg	06:44:57.593	-0.9	T__									6924712	FDSN	SK	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=0)																							
PSZ	1.15	61.9	Sn	06:44:57.281	-1.6	T__									6924710	FDSN	GE	--	BUD	iLoc	HNN	???	_
MORH	1.19	171.5	Pn	06:44:42.031	0.9	T__				30.5					6924700	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.19	171.5	Sn	06:44:57.156	-1.8	T__									6924711	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/30	08:02:16.01	3.77	0.40	46.7827	22.8159	47.2	13.8	29	0.0f		8	4	236	0.07	1.49	sx	BUD	17002872	BUD			297

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	4 BUD	17002872

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.07	277.1	Pg	08:02:17.937	0.1					T__		291.3			ML	1.0	6925062	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.07	277.1	Lg	08:02:19.468	-0.1					T__						6925063	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
GZR	1.39	181.1	Pn	08:02:42.125	-0.0					T__		30.6			ML	1.8	6925065	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.39	181.1	Sn	08:03:02.250	0.2					T__						6925064	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	1.43	216.0	Pn	08:02:42.513	0.1					T__		34.0			ML	1.8	6925066	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.43	216.0	Sn	08:03:03.138	0.6					T__						6925067	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
LOT	1.49	153.2	Pn	08:02:43.372	-0.4					T__		64.6			ML	2.1	6925069	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.49	153.2	Sn	08:03:04.622	-0.4					T__						6925068	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/09/30	08:28:49.77	0.89	0.99	48.2517	19.8585	3.9	3.6	120	0.0f		16	10	83	0.33	1.20	sx	BUD	17002874	BUD			130

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	17002874

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.33	175.9	Pg	08:28:57.687	0.4					T__		320.2			ML	1.7	6925108	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	175.9	Lg	08:29:02.593	-0.4					T__						6925114	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	0.37	178.7	Pg	08:28:58.375	0.5					T__		175.7			ML	1.6	6925107	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.37	178.7	Lg	08:29:03.751	-0.1					T__						6925111	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.46	106.0	Pg	08:29:00.187	0.5					T__		93.7			ML	1.6	6925109	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	106.0	Lg	08:29:06.688	-0.6					T__						6925112	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.48 60.8 Pg 08:29:00.453 1.0 T__ 211.4 ___ ML 2.0 6925116 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.48 60.8 Lg 08:29:06.031 -0.8 T__ ___ 6925115 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 0.52 61.5 Pg 08:29:00.875 0.7 T__ 91.7 ___ ML 1.7 6925110 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 61.5 Lg 08:29:07.281 -0.8 T__ ___ 6925117 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU23A 0.67 156.6 Lg 08:29:13.500 -0.6 T__ ___ 6925118 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.72 290.0 Pg 08:29:05.156 0.7 T__ 17.2 ___ ML 1.1 6925119 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.72 290.0 Lg 08:29:14.000 -1.1 T__ ___ 6925120 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
ABAH 0.92 86.7 Lg 08:29:21.126 -1.4 T__ ___ 6925113 FDSN HU -- BUD iLoc HHN ??? _
A338A 1.04 257.4 Sn 08:29:24.812 -2.1 T__ ___ 6925121 FDSN Z3 00 BUD iLoc HH2 ??? _
NIE 1.20 13.9 Lg 08:29:29.562 -0.5 T__ ___ 6925122 FDSN PL -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/30 09:38:57.58 1.17 1.23 48.7840 20.0715 6.3 5.7 71 0.0f 9 7 122 0.41 0.92 sx BUD 17002880 BUD 241

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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 0.41 137.5 Pg 09:39:06.515 0.7 T__ 162.6 ___ ML 1.6 6925256 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.41 137.5 Lg 09:39:12.234 0.2 T__ ___ 6925257 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.42 132.7 Pg 09:39:06.953 0.9 T__ 88.2 _c_ ML 1.4 6925255 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.42 132.7 Lg 09:39:11.765 -0.8 T__ ___ 6925259 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 0.65 13.2 Lg 09:39:17.984 -1.3 T__ ___ 6925258 FDSN PL -- BUD iLoc BHE ??? _
HU02A 0.73 155.3 Lg 09:39:22.198 -1.8 T__ ___ 6925260 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.87 251.0 Lg 09:39:27.791 0.1 T__ ___ 6925261 FDSN SK -- BUD iLoc HHN ??? _
PSZ 0.87 187.8 Lg 09:39:27.763 -1.3 T__ ___ 6925262 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.92 188.5 Lg 09:39:29.181 -0.9 T__ ___ 6925263 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/09/30 10:39:16.84 0.88 1.32 48.2028 21.2139 5.4 3.6 1 0.0f 25 16 85 0.09 1.74 kx BUD 17002882 BUD 114
2021/09/30 10:39:16.68 0.84 1.28 48.2470 21.2460f 0.0f 25 16 82 0.05 1.76 kx BUD_GT 17002883 BUD_GT 107

```

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

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 9 BUD\_GT 17002883

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
ABAH 0.05 355.1 Pg 10:39:19.187 0.9 T__ 10381.8 _c_ ML 2.5 6925308 FDSN HU -- BUD iLoc HHZ HHZ _

```



```

(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
JOS 0.16 115.0 Pg 11:37:15.656 -0.3 T__ 70.8 ___ ML 0.6 6925393 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.16 115.0 Lg 11:37:19.132 0.4 T__ ___ 6925398 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
HU02A 0.46 162.8 Pg 11:37:22.356 -0.0 T__ 27.9 ___ ML 1.0 6925399 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 162.8 Lg 11:37:29.372 -0.5 T__ ___ 6925400 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
ET1H 0.75 203.8 Pg 11:37:28.859 0.6 T__ 31.4 ___ ML 1.4 6925396 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.75 203.8 Lg 11:37:39.046 -0.3 T__ ___ 6925395 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/01	06:45:40.64	1.10	1.12	47.8787	20.1243	7.9	3.1	153	0.0f	15	9	165	0.16	1.06	kx	BUD	17002888	BUD				220
2021/10/01	06:45:40.19	0.87	1.01	47.8650	20.1529f				0.0f	15	9	170	0.18	1.08	kx	BUD_GT	17002889	BUD_GT				224

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	6 BUD_GT	17002889

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	06:45:45.364	0.7					T__		1228.3		___	ML	1.9	6925551	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	06:45:47.358	-1.0					T__				---		6925555	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																									
ET1H	0.19	274.4	Pg	06:45:45.600	0.9					T__		449.4		_c_	ML	1.5	6925550	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	06:45:47.676	-0.5					T__				---		6925556	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
HU02A	0.36	44.0	Pg	06:45:49.476	1.4					T__		152.9		---	ML	1.5	6925552	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	06:45:52.993	-1.2					T__				---		6925557	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
HU03A	0.37	276.2	Pg	06:45:48.855	0.6					T__		147.6		---	ML	1.5	6925559	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.37	276.2	Lg	06:45:53.674	-0.6					T__				---		6925558	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
HU01A	0.63	214.9	Lg	06:46:02.876	-0.8					T__				---		6925561	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.66	19.7	Lg	06:46:02.817	-0.7					T__				---		6925560	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	22.1	Pn	06:45:55.306	-0.5					T__		49.1		---	ML	1.6	6925553	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	06:46:03.489	-0.8					T__				---		6925562	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
HU10A	0.76	268.9	Lg	06:46:06.751	-1.5					T__				---		6925563	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	1.08	306.0	Pg	06:46:02.579	0.5					T__		16.2		---	ML	1.3	6925554	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.08	306.0	Lg	06:46:16.093	-1.7					T__				---		6925564	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/01	08:29:53.42	1.18	1.15	47.3629	18.4107	6.5	4.4	104	0.0f	14	9	159	0.10	1.29	sx	BUD	17002890	BUD				177

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	6 BUD	17002890

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.10	270.2	Pg	08:29:57.013	0.9					T__		1712.1		___	ML	1.8	6925621	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	270.2	Lg	08:29:57.747	-1.0					T__				---		6925622	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MSW1	0.11	286.3	Pg	08:29:57.534	1.3					T__		1618.3		___	ML	1.8	6925630	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.11	286.3	Lg	08:29:58.429	-0.5					T__				---		6925631	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW2	0.15	246.0	Pg	08:29:57.840	0.8					T__		758.8		___	ML	1.6	6925633	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.15	246.0	Lg	08:29:58.712	-1.6					T__				---		6925632	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MSW3	0.19	276.1	Pg	08:29:58.782	0.9					T__		248.2		___	ML	1.2	6925634	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU09A	0.28	356.0	Lg	08:30:03.617	-1.0					T__				---		6925623	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.34	281.9	Pg	08:30:01.153	0.5					T__		97.6		___	ML	1.2	6925625	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.34	281.9	Lg	08:30:05.266	-1.4					T__				---		6925624	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
A267A	0.42	173.3	Lg	08:30:08.497	-0.8					T__				---		6925626	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
VYHS	1.17	14.0	Pn	08:30:17.051	0.9					T__		12.8		___	ML	1.3	6925628	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	14.0	Lg	08:30:32.669	-1.4					T__				---		6925627	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KOVH	1.29	189.6	Sn	08:30:36.253	-0.2					T__				---		6925629	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/01	08:33:41.32	1.03	0.68	48.5345	20.3821	5.7	4.3	169	0.0f	13	7	113	0.09	1.03	sx	BUD	17002892	BUD					201

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.3	6 BUD	17002892

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.09	126.7	Pg	08:33:43.991	0.7					T__		1435.8		___	ML	1.7	6925674	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.09	126.7	Lg	08:33:44.584	-0.4					T__				---		6925678	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
JOS	0.11	110.3	Pg	08:33:44.316	0.5					T__		286.4		___	ML	1.1	6925673	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.11	110.3	Lg	08:33:44.753	-1.0					T__				---		6925675	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									

HU02A	0.42	166.9	Pg	08:33:50.676	0.3	T__	37.4	---	ML	1.1	6925680	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	166.9	Lg	08:33:56.353	-1.0	T__		---			6925679	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
	(Reading ML: 1.1 magdef=1)																		
	(Station ML: 1.1 magdef=0)																		
PSZ	0.70	208.1	Pg	08:33:56.329	0.2	T__	53.3	---	ML	1.6	6925676	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.70	208.1	Lg	08:34:06.323	-0.5	T__		---			6925681	FDSN	GE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.6 magdef=1)																		
	(Station ML: 1.6 magdef=1)																		
ET1H	0.74	207.7	Pg	08:33:57.184	0.3	T__	32.3	---	ML	1.4	6925683	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.74	207.7	Lg	08:34:07.763	-0.1	T__		---			6925682	FDSN	HU	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.4 magdef=1)																		
	(Station ML: 1.4 magdef=1)																		
NIE	0.89	356.5	Lg	08:34:09.701	-1.0	T__		---			6925684	FDSN	PL	--	BUD	iLoc	BHN	???	_
VYHS	1.03	268.3	Pn	08:34:02.556	0.5	T__	15.3	---	ML	1.3	6925685	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.03	268.3	Lg	08:34:16.738	-0.2	T__		---			6925677	FDSN	SK	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.3 magdef=1)																		
	(Station ML: 1.3 magdef=1)																		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/01	08:35:21.12	1.14	1.45	48.6388	21.4819	10.2	5.0	178	0.0f		11	8	105	0.60	1.32	sx	BUD	17002894	BUD			171

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	17002894

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.60	60.3	Lg	08:35:41.342	-1.2					T__						6925722	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.64	257.5	Pg	08:35:34.669	0.8					T__	30.5				ML	1.3	6925720	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	257.5	Lg	08:35:42.921	-0.7					T__						6925719	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.3 magdef=1)																								
	(Station ML: 1.3 magdef=1)																								
KECS	0.68	257.1	Lg	08:35:44.139	-0.8					T__						6925721	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.82	231.3	Pg	08:35:38.806	0.7					T__	28.2				ML	1.4	6925718	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.82	231.3	Lg	08:35:48.487	-2.3					T__						6925723	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.4 magdef=1)																								
	(Station ML: 1.4 magdef=1)																								
TRPA	0.87	125.4	Pg	08:35:38.739	0.7					T__	57.0				ML	1.7	6925725	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	125.4	Lg	08:35:50.204	-2.1					T__						6925724	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.7 magdef=1)																								
	(Station ML: 1.7 magdef=1)																								
NIE	1.10	315.5	Lg	08:35:57.459	-0.9					T__						6925726	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	1.28	236.4	Sn	08:36:03.238	-1.6					T__						6925727	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.32	235.4	Sn	08:36:05.121	-0.0					T__						6925728	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/01	10:36:28.90	3.62	1.08	48.4746	20.8370	21.4	12.2	81	0.0f		8	5	311	0.20	1.33	sx	BUD	17002896	BUD				315

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	3 BUD	17002896

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

JOS	0.20	276.2	Pg	10:36:33.203	0.1	T__	175.3	___	ML	1.1	6925823	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	276.2	Lg	10:36:36.747	0.4	T__		---			6925822	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
KECS	0.23	272.2	Pg	10:36:33.568	-0.2	T__	642.8	___	ML	1.8	6925824	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	272.2	Lg	10:36:37.372	-0.2	T__		---			6925825	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
PSZ	0.84	228.9	Pn	10:36:47.222	0.2	T__	38.5	___	ML	1.6	6925826	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	228.9	Lg	10:36:59.260	-0.1	T__		---			6925827	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
ET1H	0.88	227.7	Lg	10:37:00.615	0.4	T__		---			6925828	FDSN	HU	--	BUD	iLoc	HHE	???	_
VYHS	1.33	271.6	Sn	10:37:11.298	-2.3	T__		---			6925829	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/01	11:00:22.13	0.93	1.76	48.8668	20.8706	5.2	4.6	142	0.0f		13	8	115	0.46	1.40	sx	BUD	17002898	BUD			186

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	4 BUD	17002898

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.46	213.8	Pg	11:00:32.318	0.9					T__		1118.4		___	ML	2.6	6925871	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.46	213.8	Lg	11:00:37.139	-1.3					T__				---		6925870	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
NIE	0.67	326.0	Pg	11:00:35.048	0.3					T__		40.3		___	ML	1.5	6925863	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.67	326.0	Lg	11:00:44.353	0.1					T__				---		6925862	FDSN	PL	--	BUD	iLoc	BHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOLS	0.93	85.4	Pg	11:00:40.577	0.8					T__				---		6925859	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.93	85.4	Lg	11:00:52.873	-1.8					T__				---		6925864	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HOLU	1.06	108.2	Pg	11:00:42.718	0.4					T__				---		6925865	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
PSZ	1.15	214.8	Pn	11:00:44.342	-0.3					T__		68.2		___	ML	2.0	6925866	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.15	214.8	Sn	11:00:59.053	-3.5					T__				---		6925867	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
STZU	1.16	82.0	Pg	11:00:44.625	0.4					T__				---		6925860	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
ET1H	1.19	214.4	Sn	11:01:00.925	-2.1					T__				---		6925861	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.40	255.3	Pn	11:00:46.533	-1.6					T__		19.1		___	ML	1.6	6925869	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.40	255.3	Sn	11:01:06.583	-2.2					T__				---		6925868	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/02	03:26:01.49	1.04	0.68	47.4991	17.7333	4.1	3.0	169	15.2	15.1	19	11	87	0.28	1.04	ke	BUD	17002902	BUD			145

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	9 BUD	17002902

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
EGYH	0.28	253.4	Pg	03:26:08.302	0.4					T__		235.6		---	ML	1.5	6926290	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.28	253.4	Lg	03:26:12.717	0.0					T__				---		6926295	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MSW3	0.29	113.4	Pg	03:26:08.237	0.3					T__		101.7		---	ML	1.1	6926302	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.29	113.4	Lg	03:26:13.032	-0.2					T__				---		6926303	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MPLH	0.35	201.9	Pg	03:26:09.138	0.0					T__		53.7		---	ML	1.0	6926304	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.35	201.9	Lg	03:26:14.112	-0.7					T__				---		6926296	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
MSW1	0.37	106.4	Pg	03:26:09.842	0.4					T__		98.0		---	ML	1.3	6926306	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.37	106.4	Lg	03:26:15.518	-0.4					T__				---		6926305	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW2	0.38	121.1	Pg	03:26:09.686	0.2					T__		73.6		---	ML	1.2	6926308	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.38	121.1	Lg	03:26:15.635	-0.5					T__				---		6926307	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.38	110.6	Lg	03:26:15.378	-0.9					T__				---		6926299	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SR0	0.50	51.1	Pg	03:26:11.762	-0.1					T__		277.7		---	ML	2.1	6926291	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.50	51.1	Lg	03:26:20.021	-0.1					T__				---		6926292	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
TIH	0.61	169.6	Pn	03:26:14.976	0.7					T__		125.5		---	ML	1.9	6926300	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A338A	0.66	38.7	Pg	03:26:15.186	0.2					T__		100.9		---	ML	1.9	6926301	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.66	38.7	Lg	03:26:26.272	0.7					T__				---		6926293	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MODS	0.93	340.9	Pg	03:26:19.914	-0.2					T__				---		6926297	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.93	340.9	Lg	03:26:32.618	-1.1					T__				---		6926294	FDSN	SK	--	BUD	iLoc	HHE	???	_	
A262A	1.04	232.8	Pn	03:26:21.940	1.5					T__		82.4		---	ML	2.0	6926298	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/02	04:12:15.09	1.29	1.19	46.1342	17.0753	10.5	6.3	23	6.2	9.6	13	8	142	0.15	1.17	ke	BUD	17002904	BUD			186

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	6 BUD	17002904

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A264A	0.15	80.2	Pg	04:12:17.448	-1.1					T__		163.0		---	ML	0.9	6926356	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.15	80.2	Lg	04:12:20.965	-0.1					T__				---		6926357	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
A273A	0.56	112.6	Pg	04:12:26.385	-0.1					T__		177.8		---	ML	2.1	6926358	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.56	112.6	Lg	04:12:36.130	2.3					T__				---		6926368	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

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(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
A265A 0.58 59.6 Pg 04:12:26.932 0.2 T__ 118.6 ___ ML 1.9 6926361 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.58 59.6 Lg 04:12:36.651 1.9 T__ ___ 6926360 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOGS 0.65 299.1 Lg 04:12:37.251 0.8 T__ ___ 6926359 FDSN SL -- BUD iLoc BHE ??? _
KOVH 0.71 93.3 Pg 04:12:28.444 -1.0 T__ ___ ML 1.4 6926362 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.71 93.3 Lg 04:12:39.361 0.3 T__ ___ 6926363 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
A266A 0.91 64.2 Pn 04:12:33.290 0.2 T__ 127.4 ___ ML 2.1 6926364 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MORH 1.09 85.2 Pn 04:12:34.932 -0.5 T__ 22.3 ___ ML 1.5 6926367 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.09 85.2 Lg 04:12:50.852 -0.0 T__ ___ 6926366 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CRES 1.17 255.3 Sn 04:12:52.859 -0.5 T__ ___ 6926365 FDSN SL -- BUD iLoc BHE ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/02 08:46:47.52 1.02 1.10 46.1923 18.2807 9.0 3.7 152 0.0f 5 3 145 0.16 0.33 kx BUD 17002908 BUD 273
2021/10/02 08:46:47.55 1.01 0.87 46.1765 18.2926f 0.0f 5 3 155 0.16 0.35 kx BUD_GT 17002909 BUD_GT 275
(locality : Komló Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.16 236.7 Pg 08:46:51.904 0.5 T__ 140.9 ___ ML 0.9 6926504 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.16 236.7 Lg 08:46:53.650 -0.8 T__ ___ 6926505 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
MORH 0.25 80.9 Pg 08:46:53.635 0.6 T__ 45.7 ___ ML 0.6 6926503 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.25 80.9 Lg 08:46:56.701 -0.8 T__ ___ 6926506 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
A266A 0.35 356.8 Lg 08:46:59.892 -1.1 T__ ___ 6926507 FDSN Z3 00 BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/02 13:53:48.84 1.07 0.57 47.7745 16.1787 6.2 4.3 18 10.4 9.2 10 6 87 0.11 1.30 ke BUD 17002910 BUD 172

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Magnitude Err Nsta Author OrigID  
ML 1.0 0.7 4 BUD 17002910

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.11 133.3 Pg 13:53:51.982 0.0 T__ 71.4 ___ ML 0.5 6926533 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.11 133.3 Lg 13:53:53.832 -0.4 T__ ___ 6926534 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1

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CONA	0.26	305.9	Pg	13:53:54.691	0.1	T__	41.9	___	ML	0.7	6926536	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.26	305.9	Lg	13:53:58.418	-0.1	T__		---			6926535	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1)																			
(Station ML: 0.7 magdef=1)																			
SOP	0.27	109.5	Lg	13:53:59.160	0.5	T__		---			6926539	FDSN	HU	--	BUD	iLoc	HHN	???	_
ARSA	0.69	220.5	Pg	13:54:02.144	-0.1	T__	29.8	---	ML	1.4	6926538	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.69	220.5	Lg	13:54:10.977	-0.0	T__		---			6926537	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
MODS	0.95	50.5	Lg	13:54:21.464	-0.5	T__		---			6926540	FDSN	SK	--	BUD	iLoc	HHE	???	_
KRUC	1.30	6.3	Pn	13:54:13.309	1.0	T__	40.3	---	ML	1.8	6926542	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.30	6.3	Sn	13:54:30.324	0.6	T__		---			6926541	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/03	13:41:35.37	0.84	0.94	48.7003	18.5827	5.9	3.1	49	10.0f		20	12	126	0.27	1.42	ke	BUD	17002914	BUD			130

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	8 BUD	17002914

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.27	140.7	Pg	13:41:41.418	0.2					T__		59.4		---	ML	0.8	6926874	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.27	140.7	Lg	13:41:44.929	-0.6					T__				---		6926885	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
A331A	0.51	332.2	Pg	13:41:45.874	0.3					T__		72.5		---	ML	1.6	6926875	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JAVC	0.62	285.1	Pg	13:41:48.636	0.4					T__		82.8		---	ML	1.8	6926876	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.62	285.1	Lg	13:41:56.876	-1.0					T__				---		6926886	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
A338A	0.70	192.7	Pg	13:41:50.382	0.8					T__		405.7		---	ML	2.5	6926877	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	0.70	192.7	Lg	13:42:00.550	0.1					T__				---		6926887	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
HU10A	0.90	161.0	Lg	13:42:05.605	-1.6					T__				---		6926888	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
MODS	0.93	249.8	Pn	13:41:54.062	0.3					T__				---		6926889	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.93	249.8	Lg	13:42:06.589	-1.1					T__				---		6926878	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.17	131.3	Pn	13:41:58.251	1.1					T__		36.2		---	ML	1.7	6926879	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.17	131.3	Sn	13:42:13.396	-1.2					T__				---		6926890	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	1.19	133.2	Sn	13:42:13.631	-0.8					T__				---		6926891	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORC	1.28	328.1	Pn	13:41:59.502	0.9					T__		45.5		---	ML	1.9	6926881	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.28	328.1	Lg	13:42:16.178	-0.5					T__				---		6926882	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	1.28	99.0	Sn	13:42:15.768	-1.0					T__				---		6926892	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.31	98.2	Pn	13:42:00.029	1.2					T__		37.5		---	ML	1.8	6926893	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.31	98.2	Sn	13:42:16.491	-1.1					T__				---		6926880	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 HU02A 1.42 113.4 Pn 13:42:01.221 0.8 T\_\_ 31.8 \_\_\_ ML 1.8 6926884 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 HU02A 1.42 113.4 Sn 13:42:20.191 -0.1 T\_\_ \_\_\_ 6926883 FDSN ZJ 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/04	06:45:18.43	0.95	1.09	46.0450	22.8257	5.7	3.8	66	0.0f		13	7	93	0.17	0.95	sx	BUD	17002918	BUD			137

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	6 BUD	17002918

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.17	161.5	Pg	06:45:21.812	0.1					T__		1194.7		___	ML	1.9	6927166	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.17	161.5	Lg	06:45:23.951	-0.1					T__				---		6927169	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									
GZR	0.65	183.0	Pg	06:45:31.172	0.2					T__		89.1		___	ML	1.8	6927167	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.65	183.0	Lg	06:45:39.716	-0.5					T__				---		6927176	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
DRGR	0.75	354.0	Pg	06:45:33.197	-0.4					T__		63.9		___	ML	1.7	6927171	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.75	354.0	Lg	06:45:43.873	-1.8					T__				---		6927172	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
SIRR	0.84	285.8	Pg	06:45:36.684	1.1					T__		65.3		___	ML	1.8	6927175	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.84	285.8	Lg	06:45:46.962	-0.8					T__				---		6927174	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
CJR	0.86	38.4	Lg	06:45:50.511	1.9					T__				---		6927173	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.89	131.8	Pg	06:45:36.045	0.5					T__		70.5		___	ML	1.8	6927177	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.89	131.8	Lg	06:45:47.247	-1.3					T__				---		6927170	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
BZS	0.95	243.6	Pg	06:45:36.932	0.0					T__		29.6		___	ML	1.5	6927178	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.95	243.6	Lg	06:45:49.490	-0.8					T__				---		6927168	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/04	08:12:02.70	1.07	0.98	46.0584	22.8957	7.8	4.0	73	0.0f		11	6	144	0.18	1.00	sx	BUD	17002924	BUD			210

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	17002924

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.18	178.3	Pg	08:12:06.516	0.5					T__		738.2		___	ML	1.7	6927386	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	178.3	Lg	08:12:08.218	-0.3					T__				---		6927383	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1																									

```

(Station ML: 1.7 magdef=1
GZR 0.67 187.2 Pg 08:12:15.977 0.4 T__ 71.0 ___ ML 1.7 6927387 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.67 187.2 Lg 08:12:24.512 -0.6 T__ ___ 6927384 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 0.74 350.2 Pg 08:12:18.129 0.4 T__ 62.2 ___ ML 1.7 6927382 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.74 350.2 Lg 08:12:28.369 -1.4 T__ ___ 6927385 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 0.86 134.6 Lg 08:12:30.369 -1.6 T__ ___ 6927392 FDSN RO -- BUD iLoc HHE ??? _
SIRR 0.88 284.1 Pg 08:12:21.483 0.8 T__ 62.4 ___ ML 1.8 6927388 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.88 284.1 Lg 08:12:32.507 -0.9 T__ ___ 6927389 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
BZS 1.00 244.2 Pg 08:12:22.108 -0.0 T__ 31.0 ___ ML 1.5 6927390 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.00 244.2 Lg 08:12:35.200 -1.0 T__ ___ 6927391 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/04 08:19:04.13 1.27 1.22 47.8145 19.1131 11.0 3.1 11 0.0f 11 6 213 0.07 1.00 sx BUD 17002926 BUD 262

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 5 BUD 17002926

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 295.8 Pg 08:19:06.538 0.5 T__ 3862.6 _c_ ML 2.1 6927426 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 295.8 Lg 08:19:07.141 -0.8 T__ ___ 6927430 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
HU03A 0.34 74.6 Pg 08:19:12.361 0.8 T__ 133.9 ___ ML 1.4 6927432 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.34 74.6 Lg 08:19:16.446 -0.6 T__ ___ 6927431 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.51 82.5 Pg 08:19:15.618 0.4 T__ 52.1 ___ ML 1.4 6927428 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.51 82.5 Lg 08:19:22.375 -0.8 T__ ___ 6927427 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
PSZ 0.54 78.5 Pg 08:19:16.525 0.7 T__ 57.1 ___ ML 1.5 6927433 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.54 78.5 Lg 08:19:22.936 -1.4 T__ ___ 6927434 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.70 344.8 Pg 08:19:19.203 0.7 T__ 14.8 ___ ML 1.1 6927436 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.70 344.8 Lg 08:19:28.425 -0.6 T__ ___ 6927435 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU02A 1.00 71.5 Sn 08:19:38.160 -2.4 T__ ___ 6927429 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/04 08:46:18.27 0.86 1.13 48.4130 19.3458 5.0 3.1 8 0.0f 16 10 99 0.35 1.38 sx BUD 17002928 BUD 151

```

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 5 BUD 17002928

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.35	283.6	Pg	08:46:25.953	0.4					T__		51.1		---	ML	1.0	6927513	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.35	283.6	Lg	08:46:31.644	0.7					T__				---		6927514	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0)																									
HU10A	0.61	201.2	Lg	08:46:40.258	-0.4					T__				---		6927516	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.62	143.2	Lg	08:46:40.904	-0.2					T__				---		6927515	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.64	146.4	Lg	08:46:41.089	-0.3					T__				---		6927517	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KECS	0.76	84.3	Pg	08:46:33.243	-0.2					T__		171.7		---	ML	2.2	6927519	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.76	84.3	Lg	08:46:44.689	-0.2					T__				---		6927518	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0)																									
JOS	0.80	83.6	Pg	08:46:35.238	1.1					T__		60.6		---	ML	1.7	6927525	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	83.6	Lg	08:46:45.335	-0.8					T__				---		6927520	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																									
HU02A	0.84	109.8	Pg	08:46:36.104	0.5					T__		40.6		---	ML	1.6	6927522	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	109.8	Lg	08:46:47.181	-1.4					T__				---		6927521	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
NIE	1.19	31.7	Pg	08:46:41.643	1.0					T__		24.1		---	ML	1.5	6927523	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.19	31.7	Lg	08:46:57.057	-0.8					T__				---		6927524	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
JAVC	1.20	292.5	Lg	08:46:57.691	-2.9					T__				---		6927526	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
MODS	1.38	269.1	Pn	08:46:45.046	0.9					T__				---		6927528	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.38	269.1	Sn	08:47:03.876	-0.6					T__				---		6927527	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/10/04 09:10:27.56 0.92 0.79 48.5309 17.4330 5.9 3.3 128 0.0f 8 5 121 0.19 0.93 sx BUD 17002930 BUD 187

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.19	213.4	Pg	09:10:32.464	0.5					T__				---		6927556	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	213.4	Lg	09:10:34.907	-0.7					T__				---		6927559	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.36	25.5	Pg	09:10:35.737	0.3					T__		74.0		---	ML	1.2	6927560	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	25.5	Lg	09:10:40.667	-0.9					T__				---		6927561	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									
ZST	0.40	213.5	Lg	09:10:41.394	-1.1					T__				---		6927557	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	0.87	308.1	Lg	09:10:56.973	-0.0					T__				---		6927558	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.93	91.7	Pg	09:10:46.886	0.5					T__		15.9		---	ML	1.2	6927563	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.93	91.7	Lg	09:10:59.569	-0.4					T__				---		6927562	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/04	09:51:05.66	0.96	1.49	48.9052	21.1785	6.3	4.5	156	0.0f	13	7	135	0.59	1.35	sx	BUD	17002932	BUD				257

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	17002932

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.59	226.2	Pg	09:51:18.674	1.3					T__		57.8		___	ML	1.6	6927641	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.59	226.2	Lg	09:51:25.758	-0.5					T__				---		6927631	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.62	227.6	Pg	09:51:18.743	0.6					T__		123.6		___	ML	1.9	6927633	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.62	227.6	Lg	09:51:26.220	-1.2					T__				---		6927632	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
KOLS	0.72	87.4	Pg	09:51:20.156	0.6					T__				---		6927639	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.72	87.4	Lg	09:51:29.959	-1.2					T__				---		6927640	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.77	312.0	Pg	09:51:20.664	0.4					T__		29.3		___	ML	1.4	6927634	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.77	312.0	Lg	09:51:30.744	-0.5					T__				---		6927635	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU02A	0.90	209.3	Pn	09:51:25.158	0.6					T__		47.9		___	ML	1.7	6927642	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	209.3	Lg	09:51:35.233	-2.5					T__				---		6927636	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZ	1.31	221.4	Pn	09:51:29.267	-1.1					T__		49.2		___	ML	1.9	6927643	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.31	221.4	Sn	09:51:47.641	-2.3					T__				---		6927637	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	1.35	220.8	Sn	09:51:48.837	-1.6					T__				---		6927638	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/04	10:13:37.20	1.62	0.86	48.4146	20.7512	11.3	3.8	87	0.0f	13	7	223	0.16	1.28	sx	BUD	17002934	BUD				267

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	6 BUD	17002934

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.16	300.0	Pg	10:13:41.304	0.6					T__		352.2		___	ML	1.3	6927681	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	300.0	Lg	10:13:43.381	-0.1					T__				---		6927680	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.19	291.3	Pg	10:13:41.858	0.6					T__		1363.3		___	ML	2.0	6927682	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	291.3	Lg	10:13:44.046	-0.4					T__				---		6927683	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
HU02A	0.33	207.4	Pg	10:13:44.876	0.5					T__		42.9		___	ML	0.8	6927685	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.33	207.4	Lg	10:13:49.584	-0.4					T__				---		6927684	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
PSZ	0.76	229.4	Pg	10:13:53.295	-0.0					T__		40.0		___	ML	1.5	6927686	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.76	229.4	Lg	10:14:03.652	-1.2					T__				---		6927687	FDSN	GE	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.80 228.0 Lg 10:14:04.981 -0.7 T__ --- 6927688 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.05 343.7 Pg 10:13:57.168 0.2 T__ 26.0 --- ML 1.5 6927692 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.05 343.7 Lg 10:14:11.070 -1.6 T__ --- 6927691 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 1.28 274.3 Pn 10:14:02.046 0.6 T__ 19.2 --- ML 1.5 6927690 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.28 274.3 Sn 10:14:19.492 -1.1 T__ --- 6927689 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/04 10:35:05.90 0.82 1.15 46.9902 22.2685 5.3 4.5 41 0.0f 33 19 54 0.36 1.94 sx BUD 17002936 BUD 89

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```

Magnitude Err Nsta Author OrigID
ML 2.2 0.3 17 BUD 17002936

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.36 123.0 Pg 10:35:13.476 0.1 T__ 526.5 _c ML 2.0 6927843 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.36 123.0 Lg 10:35:18.226 -1.2 T__ --- 6927862 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
LTVH 0.47 327.7 Pg 10:35:16.857 1.0 T__ 741.4 --- ML 2.5 6927869 FDSN HU -- BUD iLoc HHZ HHZ _
LTVH 0.47 327.7 Lg 10:35:22.009 -2.2 T__ --- 6927870 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
HU24A 0.76 264.4 Pg 10:35:22.854 0.8 T__ 358.2 --- ML 2.5 6927871 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU24A 0.76 264.4 Lg 10:35:31.708 -1.9 T__ --- 6927875 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
SIRR 0.84 210.4 Pg 10:35:23.203 0.4 T__ 86.0 --- ML 1.9 6927864 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.84 210.4 Lg 10:35:33.761 -1.7 T__ --- 6927863 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
CJR 0.95 106.4 Pg 10:35:25.052 0.4 T__ 577.6 --- ML 2.8 6927847 FDSN RO -- BUD iLoc HHZ HHZ _
CJR 0.95 106.4 Lg 10:35:37.776 -1.3 T__ --- 6927865 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
HU07A 1.02 346.5 Lg 10:35:40.467 -1.3 T__ --- 6927872 FDSN ZJ 00 BUD iLoc HHE ??? _
BMR 1.08 50.2 Pg 10:35:27.433 0.4 T__ 256.8 --- ML 2.5 6927849 FDSN RO -- BUD iLoc HHZ HHZ _
BMR 1.08 50.2 Lg 10:35:42.055 -1.3 T__ --- 6927848 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
TRPA 1.16 9.0 Pn 10:35:28.347 0.1 T__ 127.8 --- ML 2.2 6927844 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.16 9.0 Lg 10:35:44.146 -1.7 T__ --- 6927866 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
DEV 1.19 158.1 Pg 10:35:29.015 0.5 T__ 514.3 --- ML 2.9 6927850 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0
ARCR 1.43 85.4 Pn 10:35:32.972 0.6 T__ 298.3 --- ML 2.8 6927851 FDSN RO -- BUD iLoc HHZ HHZ _

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ARCR	1.43	85.4	Sn	10:35:53.742	0.8	T__	---	6927873	FDSN	RO	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.8 magdef=1)																			
(Station ML: 2.8 magdef=0)																			
BZS	1.45	198.4	Pn	10:35:32.667	0.3	T__	39.6	---	ML	1.9	6927846	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.45	198.4	Sn	10:35:52.024	-0.7	T__	---	---	---	6927852	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
GZR	1.64	167.4	Pn	10:35:36.544	1.1	T__	64.5	---	ML	2.2	6927845	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.64	167.4	Sn	10:35:58.227	0.4	T__	---	---	---	6927867	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
HU02A	1.64	314.4	Pn	10:35:35.921	1.0	T__	38.4	---	ML	2.0	6927853	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.64	314.4	Sn	10:35:57.797	0.4	T__	---	---	---	6927868	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
ET1H	1.85	299.5	Pg	10:35:42.811	-0.5	T__	30.5	---	ML	2.0	6927857	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.85	299.5	Sn	10:36:04.632	2.5	T__	---	---	---	6927856	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
PSZ	1.86	300.8	Pn	10:35:38.464	0.3	T__	51.1	---	ML	2.2	6927874	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
LOT	1.86	145.4	Pn	10:35:39.396	0.5	T__	64.2	---	ML	2.3	6927855	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.86	145.4	Sn	10:36:03.876	0.0	T__	---	---	---	6927854	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
JOS	1.91	322.9	Pn	10:35:39.420	0.8	T__	28.3	---	ML	2.0	6927858	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
KECS	1.92	321.8	Pn	10:35:39.710	0.9	T__	100.7	---	ML	2.6	6927859	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 2.6 magdef=1)																			
(Station ML: 2.6 magdef=1)																			
KOLS	1.94	0.1	Pn	10:35:40.935	1.4	T__	---	---	---	6927860	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.94	0.1	Sn	10:36:07.077	1.4	T__	---	---	---	6927861	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/04	11:01:37.17	0.92	1.51	48.7989	20.9437	5.7	4.1	127	0.0f	18	9	114	0.40	1.43	sx	BUD	17002938	BUD			182	

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	8 BUD	17002938

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.40	221.6	Pg	11:01:46.569	1.2					T__		104.1		---	ML	1.4	6927943	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.40	221.6	Lg	11:01:50.750	-0.8					T__				---	---	6927952	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.44	224.1	Pg	11:01:46.380	0.4					T__		272.2		---	ML	2.0	6927951	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	224.1	Lg	11:01:51.974	-0.7					T__				---	---	6927953	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.73	202.5	Pg	11:01:53.326	1.0					T__		113.1		---	ML	2.0	6927944	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	202.5	Lg	11:02:01.993	-1.7					T__				---	---	6927954	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

```

(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 0.75 325.9 Pg 11:01:52.578 1.2 T__ 46.1 ___ ML 1.6 6927946 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.75 325.9 Lg 11:01:59.806 -2.3 T__ ___ 6927947 FDSN PL -- BUD iLoc BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOLS 0.89 80.8 Pg 11:01:54.578 0.5 T__ ___ 6927949 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.89 80.8 Lg 11:02:06.873 -1.5 T__ ___ 6927955 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.13 218.8 Pn 11:02:00.193 0.9 T__ 66.9 ___ ML 2.0 6927945 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.13 218.8 Sn 11:02:14.289 -2.7 T__ ___ 6927956 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.17 218.3 Pn 11:02:00.996 1.3 T__ 38.6 ___ ML 1.7 6927948 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.17 218.3 Sn 11:02:15.507 -2.0 T__ ___ 6927957 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
TRPA 1.26 121.6 Pn 11:02:01.385 0.5 T__ 85.3 ___ ML 2.1 6927958 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.26 121.6 Sn 11:02:18.610 -1.4 T__ ___ 6927959 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
VYHS 1.43 258.5 Pg 11:02:05.653 -0.2 T__ 19.9 ___ ML 1.6 6927950 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.43 258.5 Sn 11:02:22.933 -1.6 T__ ___ 6927960 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/04 12:44:27.31 0.90 1.05 47.5518 18.4757 5.0 2.8 118 0.0f 19 12 104 0.11 1.34 kx BUD 17002940 BUD 145
2021/10/04 12:44:27.31 0.85 0.90 47.5600 18.4573f 0.0f 19 12 103 0.09 1.35 kx BUD_GT 17002941 BUD_GT 142
(locality : Tatabánya Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 7 BUD_GT 17002941

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU09A 0.09 327.2 Pg 12:44:30.858 1.1 T__ 2092.4 ___ ML 1.9 6928034 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.09 327.2 Lg 12:44:31.716 -0.4 T__ ___ 6928035 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
MSW1 0.21 218.9 Pg 12:44:32.840 0.7 T__ 225.7 ___ ML 1.3 6928046 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.21 218.9 Lg 12:44:35.565 -0.9 T__ ___ 6928047 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 0.24 214.2 Pg 12:44:33.281 0.7 T__ 282.4 ___ ML 1.4 6928033 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.24 214.2 Lg 12:44:36.175 -1.1 T__ ___ 6928036 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MSW3 0.29 231.9 Pg 12:44:34.110 0.6 T__ 121.8 ___ ML 1.2 6928048 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.29 231.9 Lg 12:44:38.331 -0.4 T__ ___ 6928049 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
MSW2 0.31 213.1 Pg 12:44:35.032 1.1 T__ 116.6 ___ ML 1.2 6928050 FDSN HU -- BUD iLoc HHZ HHZ _

```

```

MSW2  0.31 213.1 Lg      12:44:38.905 -0.7      T__      ---      6928051  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU08A 0.38 250.6 Lg      12:44:40.948 -1.1      T__      ---      6928037  FDSN ZJ      00 BUD  iLoc  HHN ??? _
MPLH  0.74 238.3 Lg      12:44:52.638 -0.6      T__      ---      6928038  FDSN HU      -- BUD  iLoc  HHN ??? _
EGYH  0.78 259.8 Lg      12:44:54.020 -0.6      T__      ---      6928039  FDSN HU      -- BUD  iLoc  HHN ??? _
VYHS  0.97 15.1 Pn       12:44:47.734  0.5      T__      19.8     --- ML    1.3 6928041  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  0.97 15.1 Lg      12:45:00.639 -0.5      T__      ---      6928040  FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ET1H  1.01 71.0 Lg       12:45:02.014 -1.3      T__      ---      6928042  FDSN HU      -- BUD  iLoc  HHN ??? _
PSZ   1.03 69.2 Lg       12:45:02.799 -1.9      T__      ---      6928043  FDSN GE      -- BUD  iLoc  HHN ??? _
MORH  1.35 174.5 Pg      12:44:53.597 -0.5      T__      25.8     --- ML    1.7 6928045  FDSN HU      -- BUD  iLoc  HHZ HHZ _
MORH  1.35 174.5 Sn      12:45:12.206  0.4      T__      ---      6928044  FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/10/04 12:58:13.52 0.96 0.47 47.8853 16.0859 5.8 4.1 37 0.0f 8 5 107 0.16 1.20 sx BUD 17002942 BUD 175

```

```

Magnitude Err Nsta Author  OrigID
ML 0.8 0.2 3 BUD 17002942

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
CONA 0.16 286.0 Pg      12:58:16.820 -0.1      T__      112.2     --- ML    0.8 6928085  FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA 0.16 286.0 Lg      12:58:19.479  0.2      T__      ---      6928086  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA 0.23 142.5 Pg      12:58:18.778  0.3      T__      48.7     _c_ ML    0.6 6928084  FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA 0.23 142.5 Lg      12:58:21.210 -0.7      T__      ---      6928087  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
A002B 0.59 35.3 Lg       12:58:33.837 -0.3      T__      ---      6928088  FDSN Z3      00 BUD  iLoc  HH2 ??? _
ARSA  0.74 211.2 Lg      12:58:37.119 -0.1      T__      ---      6928089  FDSN OE      -- BUD  iLoc  HHN ??? _
KRUC  1.20 9.8 Pg        12:58:36.947  0.5      T__      42.9     --- ML    1.8 6928091  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
KRUC  1.20 9.8 Sn       12:58:53.591 -0.3      T__      ---      6928090  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/10/05 07:05:37.80 0.90 0.72 47.9761 16.6235 5.8 3.6 132 0.0f 12 8 94 0.30 1.13 sx BUD 17002956 BUD 141

```

```

Magnitude Err Nsta Author  OrigID
ML 1.5 0.5 3 BUD 17002956

```

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
SOP  0.30 188.6 Lg      07:05:47.644 -0.6      T__      84.0     --- ML    1.2 6928974  FDSN HU      -- BUD  iLoc  HHN ??? _
RONA 0.35 218.7 Pg      07:05:45.544  0.5      T__      ---      6928971  FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA 0.35 218.7 Lg      07:05:49.416 -0.6      T__      ---      6928975  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.2 magdef=1

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```

(Station ML: 1.2 magdef=1
CONA 0.51 264.9 Pg 07:05:48.161 0.1 T__ 65.5 --- ML 1.5 6928982 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.51 264.9 Lg 07:05:54.456 -0.5 T__ --- 6928976 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 0.59 47.5 Pg 07:05:50.579 0.5 T__ --- 6928977 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.59 47.5 Lg 07:05:59.058 -0.5 T__ --- 6928972 FDSN SK -- BUD iLoc HHN ??? _
MPLH 1.02 142.1 Lg 07:06:12.234 -0.6 T__ --- 6928978 FDSN HU -- BUD iLoc HHN ??? _
ARSA 1.04 226.1 Lg 07:06:11.630 0.7 T__ --- 6928973 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.10 352.1 Lg 07:06:14.616 -0.5 T__ --- 6928979 FDSN CZ -- BUD iLoc HHE ??? _
JAVC 1.13 37.9 Pn 07:06:00.714 0.2 T__ 81.0 --- ML 2.0 6928981 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.13 37.9 Sn 07:06:16.499 -1.3 T__ --- 6928980 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/05 07:32:29.24 1.62 0.98 47.3795 18.4136 14.2 4.9 139 0.0f 9 7 109 0.11 1.18 sx BUD 17002958 BUD 198

```

Magnitude Err Nsta Author OrigID

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.11 261.1 Pg 07:32:32.349 0.4 T__ 730.9 --- ML 1.5 6929012 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.11 261.1 Lg 07:32:33.761 -0.9 T__ --- 6929014 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU09A 0.26 355.3 Lg 07:32:39.863 -0.0 T__ --- 6929015 FDSN ZJ 00 BUD iLoc HHN ??? _
HU10A 0.62 41.1 Lg 07:32:51.931 -0.5 T__ --- 6929016 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.11 62.6 Sn 07:33:07.370 -0.7 T__ --- 6929017 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.14 61.2 Sn 07:33:08.335 -1.0 T__ --- 6929018 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.15 14.1 Pn 07:32:53.032 1.3 T__ 15.1 --- ML 1.3 6929013 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.15 14.1 Lg 07:33:08.789 -0.6 T__ --- 6929020 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MORH 1.18 172.2 Sn 07:33:08.300 -1.1 T__ --- 6929019 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/05 08:32:18.09 1.28 1.05 47.8513 20.1542 10.2 3.5 162 0.0f 11 8 156 0.19 0.76 sx BUD 17002960 BUD 227

```

Magnitude Err Nsta Author OrigID  
ML 1.2 0.1 3 BUD 17002960

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.19 291.1 Pg 08:32:23.266 0.6 T__ 513.2 --- ML 1.5 6929237 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.19 291.1 Lg 08:32:25.550 -0.8 T__ --- 6929238 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.19 278.4 Pg 08:32:23.390 0.8 T__ 251.1 --- ML 1.2 6929239 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.19 278.4 Lg 08:32:25.883 -0.3 T__ --- 6929240 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1

```

HU02A	0.37	42.4	Pg	08:32:26.880	0.8	T__	65.0	___	ML	1.1	6929241	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.37	42.4	Lg	08:32:31.449	-1.0	T__		---			6929242	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
HU03A	0.38	278.2	Lg	08:32:31.677	-0.6	T__		---			6929243	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.67	19.2	Lg	08:32:40.933	-0.9	T__		---			6929244	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.69	21.6	Lg	08:32:42.179	-0.4	T__		---			6929245	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
HU05A	0.73	113.9	Lg	08:32:43.625	-1.5	T__		---			6929246	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
HU10A	0.76	270.0	Lg	08:32:44.691	-1.5	T__		---			6929247	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/05	10:03:46.49	1.14	1.93	47.2187	18.1582	7.1	5.9	113	0.0f		9	6	135	0.09	1.13	sx	BUD	17002962	BUD			170

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	3 BUD	17002962

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.09	23.2	Pg	10:03:49.459	0.5					T__		553.8		___	ML	1.3	6929346	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	23.2	Lg	10:03:50.709	-0.7					T__				---		6929347	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
CSKK	0.16	25.7	Pg	10:03:51.439	1.1					T__		251.6		___	ML	1.1	6929349	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.16	25.7	Lg	10:03:53.524	-0.3					T__				---		6929348	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW3	0.17	352.4	Pg	10:03:48.938	-1.5					T__		160.2		___	ML	1.0	6929350	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.17	352.4	Lg	10:03:54.740	0.8					T__				---		6929351	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
MPLH	0.42	263.7	Lg	10:04:04.745	2.4					T__				---		6929352	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.06	161.4	Lg	10:04:19.823	-3.2					T__				---		6929353	FDSN	HU	--	BUD	iLoc	HHE	???	_	
KOVH	1.13	182.1	Sn	10:04:24.201	-1.3					T__				---		6929354	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/05	10:28:33.37	0.95	0.86	46.9813	17.3201	6.4	3.4	146	0.0f		11	9	102	0.12	1.19	sx	BUD	17002964	BUD			140

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.12	256.1	Pg	10:28:36.969	0.5					T__		8951.3		___	ML	2.6	6929382	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.12	256.1	Lg	10:28:38.243	-0.8					T__				---		6929383	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
MPLH	0.24	38.3	Pg	10:28:39.326	0.5					T__		278.7		___	ML	1.4	6929380	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.24	38.3	Lg	10:28:42.989	-0.2					T__				---		6929384	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A263A	0.34	180.6	Lg	10:28:45.404	-0.6					T__				---		6929385	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
TIH	0.40	101.5	Lg	10:28:48.143	-0.2					T__				---		6929386	FDSN	HU	--	BUD	iLoc	HHN	???	_	
EGYH	0.44	1.0	Lg	10:28:49.284	-0.4					T__				---		6929387	FDSN	HU	--	BUD	iLoc	HHN	???	_	

A262A	0.56	258.1	Lg	10:28:51.955	-0.4	T__	---	6929388	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU08A	0.61	42.2	Lg	10:28:55.024	-0.9	T__	---	6929389	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU09A	0.98	47.3	Sn	10:29:07.308	-1.4	T__	---	6929381	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	1.19	129.6	Sn	10:29:12.383	-1.1	T__	---	6929390	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/05	10:46:54.69	1.00	0.82	47.8527	19.1443	9.8	3.4	176	0.0f	6	4	178	0.09	0.67	kx	BUD	17002966	BUD				255
2021/10/05	10:46:54.61	0.97	0.79	47.8355	19.1270f				0.0f	6	4	192	0.07	0.69	kx	BUD_GT	17002967	BUD_GT				258

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.07	277.6	Pg	10:46:57.386	0.8					T__		423.5		---	ML	1.1	6929409	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	10:46:57.968	-0.5					T__				---		6929410	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
ET1H	0.50	84.8	Lg	10:47:12.515	-0.8					T__				---		6929411	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.6	Pg	10:47:06.187	0.2					T__		52.1		---	ML	1.5	6929413	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	10:47:13.332	-1.1					T__				---		6929412	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
VYHS	0.69	343.6	Lg	10:47:18.203	-0.7					T__				---		6929414	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/05	11:15:50.90	0.93	0.53	48.3667	19.5668	5.5	3.5	17	0.0f	12	6	153	0.50	0.69	sx	BUD	17002968	BUD				281

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	6 BUD	17002968

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.50	153.8	Pg	11:16:01.661	-0.1					T__		63.8		---	ML	1.5	6929501	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.50	153.8	Lg	11:16:10.196	0.5					T__				---		6929509	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
VYHS	0.50	284.9	Pg	11:16:01.471	0.2					T__		18.3		---	ML	1.0	6929505	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.50	284.9	Lg	11:16:08.132	-0.6					T__				---		6929506	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																									
ET1H	0.53	157.2	Pg	11:16:02.283	0.1					T__		33.6		---	ML	1.3	6929502	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.53	157.2	Lg	11:16:10.410	0.1					T__				---		6929510	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
KECS	0.62	78.9	Pg	11:16:03.436	0.0					T__		103.5		---	ML	1.9	6929503	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.62	78.9	Lg	11:16:12.970	0.1					T__				---		6929507	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
JOS	0.66	78.4	Pg	11:16:04.467	0.4					T__		41.6		---	ML	1.5	6929499	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	78.4	Lg	11:16:14.098	0.0					T__				---		6929508	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.69 110.6 Pg 11:16:05.216 0.0 T__ 45.4 ___ ML 1.5 6929504 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.69 110.6 Lg 11:16:14.687 -1.3 T__ ___ 6929500 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/05 11:53:33.70 1.35 1.24 48.5143 20.8122 7.7 5.7 85 0.0f 15 8 140 0.18 1.31 sx BUD 17002970 BUD 226

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 17002970

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 264.3 Pg 11:53:38.157 0.6 T__ 678.3 ___ ML 1.6 6929552 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 264.3 Lg 11:53:40.376 -0.2 T__ ___ 6929557 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.22 262.0 Pg 11:53:38.846 0.5 T__ 2270.8 ___ ML 2.3 6929553 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.22 262.0 Lg 11:53:41.415 -0.5 T__ ___ 6929554 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
HU02A 0.44 206.1 Pg 11:53:44.130 1.1 T__ 50.1 ___ ML 1.2 6929555 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.44 206.1 Lg 11:53:49.461 -0.7 T__ ___ 6929556 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
PSZ 0.86 226.2 Pg 11:53:51.648 -0.1 T__ 69.5 ___ ML 1.8 6929559 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.86 226.2 Lg 11:54:03.168 -1.5 T__ ___ 6929558 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.89 225.1 Pn 11:53:51.879 -0.5 T__ 39.6 ___ ML 1.6 6929563 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.89 225.1 Lg 11:54:04.340 -1.2 T__ ___ 6929562 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 0.97 339.7 Pn 11:53:54.675 1.0 T__ 34.0 ___ ML 1.6 6929560 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.97 339.7 Lg 11:54:05.309 -0.4 T__ ___ 6929561 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOLS 1.05 66.0 Lg 11:54:07.854 -2.4 T__ ___ 6929564 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.31 269.9 Pn 11:53:58.372 -0.1 T__ 16.1 ___ ML 1.4 6929566 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.31 269.9 Sn 11:54:15.818 -2.2 T__ ___ 6929565 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/05 12:30:16.20 1.03 0.76 47.5826 16.3981 5.8 4.4 164 0.0f 10 6 136 0.14 0.99 sx BUD 17002972 BUD 209

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 3 BUD 17002972

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.14	329.6	Pg	12:30:19.850	0.6					T__		250.7		_c_	ML	1.1	6929600	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.14	329.6	Lg	12:30:21.269	-0.3					T__						6929601	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
SOP	0.15	47.0	Lg	12:30:22.668	0.6					T__						6929602	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.50	313.9	Pg	12:30:26.708	0.5					T__		56.6			ML	1.4	6929604	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.50	313.9	Lg	12:30:32.413	-0.5					T__						6929603	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
EGYH	0.65	104.3	Lg	12:30:39.786	0.3					T__						6929607	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	0.68	241.1	Pg	12:30:29.013	-0.4					T__		51.1			ML	1.6	6929606	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	241.1	Lg	12:30:37.874	-0.1					T__						6929605	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MODS	0.99	36.4	Pg	12:30:36.192	-0.1					T__						6929609	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.99	36.4	Lg	12:30:49.927	-1.6					T__						6929608	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/06	04:06:29.29	0.65	0.79	48.4161	17.1432	2.5	2.5	174	1.7	9.1	61	33	32	0.10	2.32		ke BUD	17002976	BUD			59

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	24 BUD	17002976

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.10	115.4	Pg	04:06:31.660	-0.0					T__						6929970	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.10	115.4	Pb	04:06:32.127	0.4					T__						6929982	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.10	115.4	Lg	04:06:33.359	-0.4					T__						6929981	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ZST	0.22	187.1	Pg	04:06:33.958	-0.0					T__						6929972	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.22	187.1	Lg	04:06:37.119	-0.5					T__						6930018	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A337A	0.46	111.5	Pg	04:06:39.026	0.3					T__		479.0			ML	2.3	6929983	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A337A	0.46	111.5	Lg	04:06:46.426	0.5					T__						6930019	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
JAVC	0.56	38.1	Pg	04:06:40.684	-0.2					T__		142.2			ML	2.0	6929971	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.56	38.1	Lg	04:06:48.619	-1.0					T__						6930020	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
A005B	0.63	266.3	Lg	04:06:49.155	-1.2					T__						6929984	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	0.81	322.8	Pg	04:06:45.042	0.2					T__		123.1			ML	2.0	6929973	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.81	322.8	Lg	04:06:56.158	-0.6					T__						6930021	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
SOP	0.83	208.4	Pg	04:06:45.406	-0.3					T__		107.7			ML	2.0	6929985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.83	208.4	Lg	04:06:56.859	0.1					T__						6930022	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A338A	0.90	115.9	Lg	04:06:59.802	-1.8					T__						6929987	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
RONA	0.91	218.7	Pg	04:06:47.185	-0.3					T__		94.5			ML	2.0	6929986	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.91	218.7	Lg	04:07:00.117	0.7					T__						6930023	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									

VRAC	0.96	338.1	Pg	04:06:47.850	0.4	T__	48.1	___	ML	1.7	6929976	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.96	338.1	Lg	04:07:00.609	-0.9	T__		---			6929988	FDSN	CZ	--	BUD	iLoc	HNN	???	_
				(Reading ML: 1.7 magdef=1															
				(Station ML: 1.7 magdef=0															
CONA	0.99	240.8	Pg	04:06:48.542	-0.2	T__	118.3	___	ML	2.1	6929979	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.99	240.8	Lg	04:07:01.273	-0.3	T__		---			6929989	FDSN	OE	--	BUD	iLoc	HNN	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=1															
SR0	0.99	127.1	Pg	04:06:48.711	-0.2	T__	520.0	___	ML	2.8	6929974	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.99	127.1	Sn	04:07:02.578	-2.1	T__		---			6929991	FDSN	SK	--	BUD	iLoc	EHN	???	_
				(Reading ML: 2.8 magdef=1															
				(Station ML: 2.8 magdef=0															
A008A	0.99	267.8	Pg	04:06:48.230	-0.1	T__	106.6	___	ML	2.1	6929978	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.99	267.8	Lg	04:07:01.350	-0.6	T__		---			6929990	FDSN	Z3	00	BUD	iLoc	HH2	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=1															
EGYH	1.01	172.7	Pn	04:06:50.037	0.5	T__	263.6	_d	ML	2.5	6929977	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	1.01	172.7	Lg	04:07:03.562	0.1	T__		---			6930024	FDSN	HU	--	BUD	iLoc	HHE	???	_
				(Reading ML: 2.5 magdef=1															
				(Station ML: 2.5 magdef=0															
A331A	1.02	43.7	Pg	04:06:50.062	0.8	T__	86.8	___	ML	2.0	6929993	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	1.02	43.7	Lg	04:07:03.271	0.2	T__		---			6929992	FDSN	Z3	00	BUD	iLoc	HNN	???	_
				(Reading ML: 2.0 magdef=1															
				(Station ML: 2.0 magdef=1															
HU08A	1.12	151.7	Pn	04:06:51.006	0.0	T__	122.9	___	ML	2.2	6929994	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.12	151.7	Sn	04:07:06.293	-1.4	T__		---			6929995	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
				(Reading ML: 2.2 magdef=1															
				(Station ML: 2.2 magdef=1															
VYHS	1.13	85.4	Pg	04:06:52.412	0.5	T__	24.5	___	ML	1.5	6929975	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.13	85.4	Lg	04:07:06.860	-1.3	T__		---			6929996	FDSN	SK	--	BUD	iLoc	HNN	???	_
				(Reading ML: 1.5 magdef=1															
				(Station ML: 1.5 magdef=0															
A260A	1.17	194.7	Lg	04:07:08.346	0.7	T__		---			6930025	FDSN	Z3	00	BUD	iLoc	HHE	???	_
MPLH	1.27	167.8	Pg	04:06:54.371	0.1	T__	88.7	___	ML	2.2	6929998	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.27	167.8	Sn	04:07:11.679	0.2	T__		---			6929997	FDSN	HU	--	BUD	iLoc	HNN	???	_
				(Reading ML: 2.2 magdef=1															
				(Station ML: 2.2 magdef=1															
CSKK	1.29	144.1	Pg	04:06:54.715	0.1	T__	124.1	___	ML	2.3	6930000	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.29	144.1	Sn	04:07:11.497	-0.7	T__		---			6929999	FDSN	HU	--	BUD	iLoc	HNN	???	_
				(Reading ML: 2.3 magdef=1															
				(Station ML: 2.3 magdef=1															
HU10A	1.38	113.8	Pn	04:06:55.323	0.7	T__	68.9	___	ML	2.1	6930003	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	1.38	113.8	Sn	04:07:15.594	1.2	T__		---			6930002	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=1															
MORC	1.39	10.8	Pn	04:06:54.856	-0.3	T__	62.8	___	ML	2.1	6929980	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.39	10.8	Lg	04:07:13.500	-0.6	T__		---			6930001	FDSN	CZ	--	BUD	iLoc	HNN	???	_
MORC	1.39	10.8	Sg	04:07:14.599	0.5	T__		---			6930026	FDSN	CZ	--	BUD	iLoc	HHE	???	_
				(Reading ML: 2.1 magdef=1															
				(Station ML: 2.1 magdef=1															
A261A	1.46	179.9	Lg	04:07:17.712	-0.7	T__		---			6930004	FDSN	Z3	00	BUD	iLoc	HNN	???	_
ARSA	1.60	223.7	Pg	04:07:00.006	-0.3	T__	60.8	___	ML	2.2	6930006	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.60	223.7	Sn	04:07:19.446	0.4	T__		---			6930005	FDSN	OE	--	BUD	iLoc	HNN	???	_

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A262A 1.61 195.2 Lg 04:07:22.491 0.2 T__ --- 6930007 FDSN Z3 00 BUD iLoc HHN ??? _
HU03A 1.72 106.4 Sn 04:07:23.835 1.1 T__ --- 6930008 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.90 105.4 Pg 04:07:06.673 -0.5 T__ 43.9 --- ML 2.2 6930011 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.90 105.4 Sn 04:07:28.827 1.5 T__ --- 6930010 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PSZ 1.91 104.1 Pg 04:07:06.560 -0.9 T__ 51.4 --- ML 2.3 6930012 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
CKRC 1.92 283.2 Pn 04:07:01.679 -1.0 T__ 182.8 --- ML 2.8 6930028 FDSN CZ -- BUD iLoc HHZ HHZ _
CKRC 1.92 283.2 Sn 04:07:28.022 0.8 T__ --- 6930009 FDSN CZ -- BUD iLoc HHN ??? _
CKRC 1.92 283.2 Lg 04:07:31.873 -0.6 T__ --- 6930027 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=0
JOS 2.26 86.7 Pg 04:07:13.349 -0.3 T__ 42.7 --- ML 2.4 6930013 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 2.26 86.7 Sn 04:07:37.718 1.3 T__ --- 6930014 FDSN ZJ -- BUD iLoc HHN ??? _
JOS 2.26 86.7 Lg 04:07:44.279 -0.9 T__ --- 6930029 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
HU02A 2.28 96.2 Pg 04:07:12.606 -1.8 T__ 44.8 --- ML 2.4 6930015 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
NIE 2.31 63.1 Sn 04:07:39.067 0.1 T__ --- 6930017 FDSN PL -- BUD iLoc BHN ??? _
PRU 2.32 313.7 Pg 04:07:13.144 -0.2 T__ 58.5 --- ML 2.6 6930016 FDSN CZ -- BUD iLoc HHZ HHZ _
PRU 2.32 313.7 Lg 04:07:44.792 0.8 T__ --- 6930030 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/06 06:49:26.71 2.41 0.33 47.9408 20.4108 22.8 4.1 140 0.0f 8 5 237 0.20 0.56 sx BUD 17002978 BUD 251

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Magnitude Err Nsta Author OrigID
ML 1.0 0.1 3 BUD 17002978

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.20 22.9 Pg 06:49:31.365 0.0 T__ 141.9 --- ML 1.0 6930153 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.20 22.9 Lg 06:49:34.757 -0.4 T__ --- 6930150 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.35 266.5 Lg 06:49:40.440 -0.0 T__ --- 6930151 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.37 260.5 Pg 06:49:34.923 0.1 T__ 53.1 --- ML 1.0 6930154 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.37 260.5 Lg 06:49:40.344 -0.4 T__ --- 6930152 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
KECS 0.55 5.2 Lg 06:49:46.087 -0.1 T__ --- 6930155 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.56 8.8 Pg 06:49:38.439 0.4 T__ 58.5 --- ML 1.6 6930149 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.56 8.8 Lg 06:49:46.419 -0.3 T__ --- 6930148 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/06	06:54:57.65	2.68	0.96	48.0357	20.6799	18.2	5.0	120	0.0f	10	5	265	0.14	0.57		sx	BUD	17002980	BUD			270

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	17002980

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.14	309.9	Pg	06:55:01.960	0.9					T__		890.6		---	ML	1.6	6930184	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.14	309.9	Lg	06:55:03.802	-0.1					T__				---		6930185	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.47	343.9	Pg	06:55:07.757	0.6					T__		205.6		---	ML	1.9	6930187	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.47	343.9	Lg	06:55:13.019	-1.4					T__				---		6930186	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
JOS	0.47	348.5	Pg	06:55:07.472	0.3					T__		81.4		---	ML	1.5	6930188	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.47	348.5	Lg	06:55:13.252	-1.2					T__				---		6930183	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
PSZ	0.54	257.7	Pg	06:55:09.672	0.3					T__		63.9		---	ML	1.6	6930190	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	257.7	Lg	06:55:16.928	-1.1					T__				---		6930189	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.57	254.2	Pg	06:55:09.962	0.2					T__		53.4		---	ML	1.5	6930192	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.57	254.2	Lg	06:55:17.716	-0.7					T__				---		6930191	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/06	07:21:49.54	0.93	1.03	47.0765	18.0345	5.5	3.3	111	0.0f	10	8	84	0.20	0.96		sx	BUD	17002982	BUD			139

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TIH	0.20	208.8	Pg	07:21:54.743	0.6					T__		745.5		---	ML	1.7	6930237	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.20	208.8	Lg	07:21:57.235	-0.6					T__				---		6930236	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MSW2	0.26	28.0	Lg	07:21:59.522	-0.7					T__				---		6930244	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.31	11.5	Lg	07:22:01.502	-0.6					T__				---		6930245	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.33	28.2	Pg	07:21:57.512	1.0					T__		155.5		---	ML	1.4	6930238	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.33	28.2	Lg	07:22:01.409	-1.2					T__				---		6930241	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A267A	0.33	112.9	Lg	07:22:01.630	-0.9					T__				---		6930240	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.35	285.7	Lg	07:22:02.109	-0.9					T__				---		6930239	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.36	348.1	Lg	07:22:02.683	-1.0					T__				---		6930242	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	0.96	153.8	Lg	07:22:21.901	-0.9					T__				---		6930243	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/06	07:42:27.95	0.88	1.18	48.6656	18.3727	7.1	3.8	39	0.0f	16	10	116	0.35	1.53	sx	BUD	17002984	BUD				160

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	6 BUD	17002984

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.35	119.0	Pg	07:42:35.685	0.4					T__		67.8		___	ML	1.1	6930284	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.35	119.0	Lg	07:42:40.033	-0.6					T__				---		6930279	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
A331A	0.50	348.4	Lg	07:42:44.098	-0.6					T__				---		6930294	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
JAVC	0.50	292.9	Lg	07:42:45.824	-0.8					T__				---		6930285	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
MODS	0.78	248.5	Lg	07:42:55.847	-0.2					T__				---		6930286	FDSN	SK	--	BUD	iLoc	HNN	???	_	
HU03A	1.12	132.5	Pn	07:42:50.049	0.1					T__	92.2			---	ML	2.1	6930281	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.12	132.5	Sn	07:43:04.781	-2.6					T__				---		6930280	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
MORC	1.24	334.2	Pg	07:42:51.603	0.6					T__		53.6		___	ML	1.9	6930287	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.24	334.2	Lg	07:43:07.927	-0.3					T__				---		6930283	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZ	1.26	125.8	Pn	07:42:51.547	-0.6					T__		52.6		___	ML	1.9	6930282	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.26	125.8	Sn	07:43:09.436	-2.0					T__				---		6930288	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	1.27	127.6	Sn	07:43:10.033	-1.2					T__				---		6930289	FDSN	HU	--	BUD	iLoc	HNN	???	_	
JOS	1.45	95.9	Pn	07:42:54.985	0.4					T__	40.8			---	ML	1.9	6930291	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.45	95.9	Sn	07:43:14.037	-1.6					T__				---		6930290	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	1.53	110.0	Pn	07:42:56.158	0.3					T__	33.5			___	ML	1.9	6930292	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.53	110.0	Sn	07:43:17.094	-0.8					T__				---		6930293	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/06	08:05:35.62	0.95	0.92	48.9101	19.7836	5.1	4.1	125	0.0f	12	8	156	0.61	1.18	sx	BUD	17002988	BUD				252

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	17002988

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
NIE	0.61	33.5	Pg	08:05:47.540	0.3					T__		21.6		___	ML	1.2	6930373	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.61	33.5	Lg	08:05:55.126	-0.8					T__				---		6930371	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.63	132.3	Pg	08:05:49.487	1.3					T__	126.0			___	ML	2.0	6930375	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	132.3	Lg	08:05:57.262	-0.4					T__				---		6930374	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.65	129.3	Lg	08:05:57.769	-0.5					T__				---		6930376	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	

VYHS	0.75	236.8	Pg	08:05:51.332	0.5	T__	14.4	---	ML	1.1	6930377	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.75	236.8	Lg	08:06:01.550	-0.2	T__		---			6930372	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=1)																			
HU02A	0.93	147.7	Pg	08:05:54.516	-0.2	T__	42.4	---	ML	1.6	6930378	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.93	147.7	Lg	08:06:07.310	-0.9	T__		---			6930379	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
PSZ	1.00	175.7	Lg	08:06:09.969	-1.2	T__		---			6930370	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.03	176.7	Lg	08:06:11.250	-0.8	T__		---			6930380	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU10A	1.18	205.9	Sn	08:06:15.306	-1.2	T__		---			6930381	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/06	08:19:16.40	1.00	0.93	47.3381	17.6619	6.0	4.7	149	0.0f		8	6	126	0.19	1.29	kx	BUD	17002992	BUD			144
2021/10/06	08:19:16.49	0.98	0.93	47.3300	17.6350f				0.0f		8	6	125	0.17	1.28	kx	BUD_GT	17002993	BUD_GT			139
(locality : Ugod Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.17	202.2	Pg	08:19:21.308	0.7					T__		326.3		---	ML	1.3	6930470	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.17	202.2	Lg	08:19:23.302	-0.7					T__				---		6930471	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU08A	0.22	62.6	Lg	08:19:24.735	-1.0					T__				---		6930473	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
EGYH	0.22	293.0	Lg	08:19:24.723	-1.0					T__				---		6930472	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.59	58.4	Lg	08:19:37.218	-1.5					T__				---		6930474	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
RONA	0.98	292.7	Pn	08:19:36.689	-0.1					T__		53.5		---	ML	1.8	6930476	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.98	292.7	Lg	08:19:49.815	0.8					T__				---		6930475	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOVH	1.28	165.4	Sn	08:19:59.080	0.1					T__				---		6930477	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/10/06	16:42:45.70	1.13	0.85	48.6756	18.5970	8.6	4.1	41	17.4	12.6	11	7	125	0.24	1.30	ke	BUD	17002996	BUD					167

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 6 BUD 17002996

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.24	138.8	Pg	16:42:51.907	0.3					T__		25.3		---	ML	0.4	6930644	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.24	138.8	Lg	16:42:55.552	-0.3					T__				---		6930645	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=0)																									
A331A	0.54	332.6	Pg	16:42:56.933	0.4					T__		72.5		---	ML	1.6	6930646	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JAVC	0.64	287.0	Pg	16:42:59.196	0.2					T__		92.4		_d	ML	1.8	6930648	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.64	287.0	Lg	16:43:08.173	-0.7					T__				---		6930647	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.88 161.1 Pg 16:43:03.762 0.2 T__ 96.0 ___ ML 2.0 6930649 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
KECS 1.27 98.0 Sn 16:43:26.051 0.5 T__
MORC 1.30 328.3 Pn 16:43:09.986 1.4 T__ 62.0 ___ ML 2.0 6930654 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.30 328.3 Lg 16:43:27.163 -0.7 T__ ___ 6930652 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 1.30 97.2 Pg 16:43:10.943 -0.4 T__ 44.3 ___ ML 1.9 6930653 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.30 97.2 Sn 16:43:27.470 1.2 T__ ___ 6930651 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/07	03:38:18.46	1.63	0.61	48.7888	20.2736	28.9	5.7	79	10.0f	7	4	195	0.34	0.69	ke	BUD	17002998	BUD				343

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	3 BUD	17002998

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.34	155.2	Pg	03:38:25.742	0.3					T__		125.7		___	ML	1.3	6930751	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.34	155.2	Lg	03:38:30.298	-0.4					T__				---		6930750	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
JOS	0.34	148.9	Pg	03:38:25.896	0.4					T__		49.8		_c_	ML	0.9	6930748	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.34	148.9	Lg	03:38:30.624	-0.2					T__				---		6930749	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
NIE	0.63	1.5	Lg	03:38:38.881	-0.4					T__				---		6930752	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.69	165.8	Pg	03:38:33.153	0.5					T__		40.9		---	ML	1.5	6930747	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.69	165.8	Lg	03:38:41.969	-0.8					T__				---		6930753	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/07	06:57:59.36	1.47	0.80	47.8922	20.0748	13.2	3.2	158	0.0f	13	7	212	0.12	1.02	sx	BUD	17003000	BUD					237

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	6 BUD	17003000

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.12	282.2	Pg	06:58:03.043	0.4					T__		559.3		_c_	ML	1.4	6930817	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.12	282.2	Lg	06:58:04.472	-1.0					T__				---		6930818	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
ET1H	0.14	264.6	Pg	06:58:03.339	0.6					T__		312.8		---	ML	1.2	6930819	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.14	264.6	Lg	06:58:05.300	-0.2					T__				---		6930821	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1																									

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(Station ML: 1.2 magdef=0
HU03A 0.32 272.2 Lg 06:58:10.901 -0.7 T__
HU02A 0.38 52.6 Pg 06:58:07.830 0.2 T__ 84.7 --- ML 1.3 6930824 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.38 52.6 Lg 06:58:12.830 -1.2 T__ --- 6930823 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.65 24.8 Pg 06:58:13.585 1.1 T__ 130.1 --- ML 2.0 6930826 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.65 24.8 Lg 06:58:22.085 -0.4 T__ --- 6930825 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 0.68 27.1 Pg 06:58:13.858 0.9 T__ 75.2 --- ML 1.8 6930828 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 27.1 Lg 06:58:22.983 -0.4 T__ --- 6930827 FDSN ZJ -- BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.02 306.5 Pn 06:58:19.648 -0.4 T__ 22.4 --- ML 1.4 6930820 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.02 306.5 Lg 06:58:34.335 -0.7 T__ --- 6930829 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/07	07:12:52.17	0.99	1.32	48.0559	21.3332	9.0	3.8	11	0.0f		13	7	159	0.40	1.08	sx	BUD	17003002	BUD			225

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Magnitude Err Nsta Author OrigID
ML 1.8 0.2 5 BUD 17003002

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU07A	0.40	100.6	Pg	07:13:00.806	0.3					T__		977.0		---	ML	2.4	6930899	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.40	100.6	Lg	07:13:06.806	-1.0					T__				---		6930898	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0																									
HU02A	0.55	277.3	Pg	07:13:04.140	0.4					T__		58.5		---	ML	1.6	6930895	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.55	277.3	Lg	07:13:11.640	-0.9					T__				---		6930900	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																									
JOS	0.69	310.0	Pg	07:13:06.296	0.3					T__		50.7		---	ML	1.6	6930896	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.69	310.0	Lg	07:13:15.421	-1.0					T__				---		6930901	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
KECS	0.71	307.4	Pg	07:13:07.031	0.6					T__		123.2		---	ML	2.0	6930903	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.71	307.4	Lg	07:13:16.218	-0.9					T__				---		6930902	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
PSZ	0.98	262.4	Pn	07:13:13.163	1.0					T__		59.5		---	ML	1.8	6930905	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.98	262.4	Lg	07:13:26.600	-0.8					T__				---		6930904	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
ET1H	1.00	260.3	Lg	07:13:27.445	-0.3					T__				---		6930907	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	1.08	35.1	Pg	07:13:13.648	0.9					T__				---		6930897	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.08	35.1	Lg	07:13:26.836	-3.2					T__				---		6930906	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/07	09:06:10.95	1.39	2.15	47.2345	18.2263	12.0	7.2	74	0.0f	4	3	153	0.13	1.06	kx	BUD	17003004	BUD				303
2021/10/07	09:06:10.77	1.07	1.38	47.2302	18.2835f				0.0f	4	3	172	0.13	1.05	kx	BUD_GT	17003005	BUD_GT				316

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

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.13	353.3	Pg	09:06:14.978	0.9					T__		227.3		___	ML	1.0	6930990	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:06:15.712	-1.5					T__				---		6930991	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
HU08A	0.32	309.6	Lg	09:06:21.740	-1.6					T__				---		6930992	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.05	166.2	Lg	09:06:46.435	-0.4					T__				---		6930993	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/07	09:49:19.83	1.05	0.84	48.3414	19.8633	5.9	4.0	136	0.0f	11	6	147	0.42	0.70	sx	BUD	17003006	BUD					251

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	17003006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.42	177.2	Pg	09:49:29.566	0.4					T__		123.1		___	ML	1.6	6931065	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	177.2	Lg	09:49:35.371	-0.7					T__				---		6931066	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.44	70.9	Pg	09:49:29.457	0.7					T__		148.3		___	ML	1.7	6931059	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	70.9	Lg	09:49:34.717	-0.8					T__				---		6931060	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
ET1H	0.46	179.3	Pg	09:49:30.392	0.6					T__		66.3		___	ML	1.4	6931063	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.46	179.3	Lg	09:49:36.624	-0.3					T__				---		6931062	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
JOS	0.48	70.8	Pg	09:49:29.992	0.6					T__		76.1		_c_	ML	1.5	6931061	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	70.8	Lg	09:49:36.023	-0.8					T__				---		6931067	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.49	116.1	Pg	09:49:30.997	0.7					T__		74.7		___	ML	1.5	6931058	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	116.1	Lg	09:49:37.150	-1.2					T__				---		6931068	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
VYHS	0.70	283.0	Lg	09:49:43.624	-0.8					T__				---		6931064	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/07	10:24:59.25	0.98	0.94	48.8076	21.6035	8.9	3.8	165	0.0f	16	10	94	0.46	1.48	sx	BUD	17003008	BUD					154

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	5 BUD	17003008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOLS	0.46	73.9	Pg	10:25:08.887	0.7					T__						6931302	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.46	73.9	Lg	10:25:14.468	-1.4					T__						6931303	FDSN	SK	--	BUD	iLoc	HHN	???	_
HOLU	0.59	118.2	Pg	10:25:11.041	0.3					T__						6931300	FDSN	UA	--	BUD	iLoc	MHZ	???	_
HOLU	0.59	118.2	Lg	10:25:19.949	-0.7					T__						6931304	FDSN	UA	--	BUD	iLoc	MHZ	???	_
JOS	0.77	246.5	Pg	10:25:15.373	0.8					T__		108.4				6931305	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	246.5	Lg	10:25:25.424	-0.6					T__						6931296	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KECS	0.81	246.8	Pg	10:25:15.519	0.2					T__		191.1				6931297	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.81	246.8	Lg	10:25:26.279	-1.1					T__						6931298	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								
TRPA	0.92	137.1	Pg	10:25:17.938	0.9					T__		98.6				6931306	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.92	137.1	Lg	10:25:30.710	-1.2					T__						6931307	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
HU02A	0.99	226.7	Pn	10:25:19.692	0.2					T__		117.6				6931299	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	226.7	Lg	10:25:33.224	-1.3					T__						6931308	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
NIE	1.05	306.0	Pn	10:25:20.595	0.1					T__		58.2				6931301	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=0)																								
KWP	1.10	40.9	Lg	10:25:34.682	-1.4					T__						6931309	FDSN	PL	--	BUD	iLoc	HHN	???	_
PSZ	1.45	232.7	Sn	10:25:46.498	-0.5					T__						6931310	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.48	231.8	Sn	10:25:47.906	0.5					T__						6931311	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/08	06:25:38.38	0.92	1.13	47.3973	18.4014	4.2	3.5	127	0.0f		21	16	108	0.10	1.33	sx	BUD	17003010	BUD			109

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.0	5 BUD	17003010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MSW1	0.10	267.4	Pg	06:25:42.267	1.3					T__		935.6				6931649	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.10	267.4	Lg	06:25:43.491	0.0					T__						6931650	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
CSKK	0.10	250.4	Pg	06:25:42.005	0.9					T__		1891.0				6931633	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	250.4	Lg	06:25:42.833	-0.8					T__						6931634	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
MSW2	0.16	233.8	Pg	06:25:42.961	0.8					T__		268.7				6931652	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.16	233.8	Lg	06:25:44.633	-1.0					T__						6931651	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=0)																								
MSW3	0.19	265.8	Lg	06:25:45.245	-1.3					T__						6931653	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU09A	0.24	356.9	Lg	06:25:47.669	-0.7					T__						6931635	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU08A	0.33	276.2	Lg	06:25:49.351	-1.8					T__						6931636	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A267A	0.45	173.0	Pg	06:25:48.748	1.0					T__		233.8				6931638	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

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A267A  0.45 173.0 Lg      06:25:54.248 -1.2      T__          ---          6931637      FDSN Z3      00 BUD      iLoc HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=0
HU10A  0.61  42.7 Lg      06:26:00.168 -1.1      T__          ---          6931640      FDSN ZJ      00 BUD      iLoc HHN ??? _
MPLH   0.63 249.1 Lg      06:25:59.426 -1.5      T__          ---          6931639      FDSN HU      -- BUD      iLoc HHN ??? _
A266A  0.88 186.2 Lg      06:26:08.229 -0.5      T__          ---          6931641      FDSN Z3      00 BUD      iLoc HHN ??? _
ET1H   1.10  63.6 Sn      06:26:16.454 -0.7      T__          ---          6931642      FDSN HU      -- BUD      iLoc HHN ??? _
VYHS   1.14  14.8 Pn      06:26:01.192  0.5      T__          24.0      --- ML      1.5 6931644      FDSN SK      -- BUD      iLoc HHZ HHZ _
VYHS   1.14  14.8 Lg      06:26:17.067 -0.9      T__          ---          6931643      FDSN SK      -- BUD      iLoc HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
PSZ    1.14  62.1 Sn      06:26:17.383 -1.0      T__          ---          6931645      FDSN GE      -- BUD      iLoc HHN ??? _
MORH   1.19 171.9 Sn      06:26:18.196 -0.8      T__          ---          6931646      FDSN HU      -- BUD      iLoc HHN ??? _
MODS   1.24 322.7 Sn      06:26:19.084 -1.8      T__          ---          6931647      FDSN SK      -- BUD      iLoc HHN ??? _
KOVH   1.33 189.1 Sn      06:26:21.955 -0.3      T__          ---          6931648      FDSN HU      -- BUD      iLoc HHN ??? _

```

```

Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/08 07:17:44.15 4.24 0.71 46.8205 22.7935 38.4 9.3 5 0.0f 8 4 270 0.06 1.53 sx BUD 17003012 BUD 298

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Magnitude Err Nsta Author OrigID
ML 2.0 0.2 4 BUD 17003012

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.06 243.0 Pg 07:17:45.867 0.0 T__ 365.6 --- ML 1.0 6931706 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.06 243.0 Lg 07:17:47.477 0.0 T__ --- 6931707 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML:  1.0 magdef=1
(Station ML:  1.0 magdef=1
GZR 1.43 180.5 Pn 07:18:10.394 -0.4 T__ 57.8 --- ML 2.1 6931709 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.43 180.5 Sn 07:18:30.581 -0.5 T__ --- 6931708 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1
BZS 1.46 214.6 Pn 07:18:10.774 -0.1 T__ 51.5 --- ML 2.0 6931710 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.46 214.6 Sn 07:18:31.149 -0.1 T__ --- 6931711 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
LOT 1.53 153.3 Pg 07:18:13.446 0.2 T__ 100.3 --- ML 2.4 6931713 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.53 153.3 Sn 07:18:32.759 -1.4 T__ --- 6931712 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML:  2.4 magdef=1
(Station ML:  2.4 magdef=1

```

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Date      Time      Err      RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/08 07:20:37.42 0.89 1.27 48.4173 17.3028 5.1 3.1 114 0.0f 11 7 73 0.05 1.08 sx BUD 17003014 BUD 145

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Magnitude Err Nsta Author OrigID
ML 1.7 0.1 3 BUD 17003014

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.05 201.2 Pg 07:20:39.610 0.6 T__ _c_ 6931765 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.05 201.2 Lg 07:20:40.297 -0.4 T__ --- 6931770 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.51 28.8 Pg 07:20:48.802 0.8 T__ 84.7 --- ML 1.6 6931766 FDSN CZ -- BUD iLoc HHZ HHZ _

```

JAVC	0.51	28.8	Lg	07:20:54.615	-1.6	T__								6931771	FDSN	CZ	--	BUD	iLoc	HHN	???	_
	(Reading ML: 1.6 magdef=1)																					
	(Station ML: 1.6 magdef=1)																					
KRUC	0.88	317.4	Pg	07:20:55.755	1.4	T__		52.8		ML	1.7	6931774	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
KRUC	0.88	317.4	Lg	07:21:05.376	-2.0	T__								6931775	FDSN	CZ	--	BUD	iLoc	HHE	???	_
	(Reading ML: 1.7 magdef=1)																					
	(Station ML: 1.7 magdef=1)																					
RONA	0.99	223.6	Pg	07:20:57.633	0.7	T__		103.8		ML	2.1	6931767	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.99	223.6	Lg	07:21:09.352	-0.5	T__								6931772	FDSN	OE	--	BUD	iLoc	HHN	???	_
	(Reading ML: 2.1 magdef=1)																					
	(Station ML: 2.1 magdef=1)																					
VYHS	1.02	85.1	Lg	07:21:12.776	-0.1	T__								6931768	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU08A	1.07	156.8	Lg	07:21:13.822	-1.4	T__								6931769	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CONA	1.08	243.6	Lg	07:21:11.911	-0.9	T__								6931773	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/08	07:57:17.32	3.38	0.18	48.4675	20.7101	21.7	8.0	70	0.0f		6	4	275	0.12	0.77	sx	BUD	17003016	BUD			301

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.12	284.1	Pg	07:57:19.867	-0.0					T__		184.1			ML	0.9	6931797	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	284.1	Lg	07:57:22.085	0.1					T__						6931798	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 0.9 magdef=1)																								
	(Station ML: 0.9 magdef=1)																								
KECS	0.15	276.1	Pg	07:57:20.539	-0.0					T__		309.9			ML	1.2	6931800	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.15	276.1	Lg	07:57:23.273	0.1					T__						6931799	FDSN	SK	--	BUD	iLoc	EHN	???	_	
	(Reading ML: 1.2 magdef=1)																								
	(Station ML: 1.2 magdef=1)																								
HU02A	0.37	199.7	Lg	07:57:31.570	0.2					T__						6931801	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.77	225.1	Lg	07:57:45.295	-0.2					T__						6931802	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/10/08	09:00:34.60	0.89	1.30	48.9872	20.2466	7.9	3.6	84	0.0f		15	9	97	0.43	1.70	sx	BUD	17003018	BUD					184

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 6 BUD 17003018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
NIE	0.43	4.6	Pg	09:00:43.427	0.6					T__		63.5			ML	1.3	6931836	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.43	4.6	Lg	09:00:48.365	-0.7					T__						6931835	FDSN	PL	--	BUD	iLoc	BHN	???	_	
	(Reading ML: 1.3 magdef=1)																								
	(Station ML: 1.3 magdef=0)																								
JOS	0.53	158.4	Pg	09:00:45.870	0.7					T__		120.3			ML	1.8	6931839	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	158.4	Lg	09:00:52.527	-0.6					T__						6931840	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.8 magdef=1)																								
	(Station ML: 1.8 magdef=1)																								
KECS	0.53	162.5	Pg	09:00:45.990	0.8					T__		212.4			ML	2.1	6931834	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.53	162.5	Lg	09:00:53.115	-0.0					T__						6931846	FDSN	SK	--	BUD	iLoc	EHN	???	_	
	(Reading ML: 2.1 magdef=1)																								

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(Station ML: 2.1 magdef=0
HU02A 0.89 167.8 Pg 09:00:53.444 0.7 T__ 50.2 --- ML 1.7 6931837 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.89 167.8 Lg 09:01:04.350 -2.0 T__ --- 6931841 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 1.06 242.7 Pn 09:00:55.988 0.1 T__ 18.2 --- ML 1.3 6931847 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.06 242.7 Lg 09:01:10.988 0.0 T__ --- 6931842 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 1.09 192.5 Pn 09:00:56.984 0.5 T__ 77.4 --- ML 2.0 6931844 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.09 192.5 Lg 09:01:11.422 -2.2 T__ --- 6931843 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 1.14 192.8 Lg 09:01:12.671 -1.9 T__ --- 6931845 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.34 91.5 Lg 09:01:18.570 -0.6 T__ --- 6931838 FDSN SK -- BUD iLoc HHN ??? _
JAVC 1.70 266.7 Sn 09:01:32.166 2.1 T__ --- 6931848 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/08	09:10:00.80	0.96	0.76	46.1811	18.2806	7.3	3.4	155	0.0f		8	6	148	0.16	0.69	kx	BUD	17003020	BUD			232
2021/10/08	09:10:00.77	0.95	0.70	46.1765	18.2926f				0.0f		8	6	151	0.16	0.70	kx	BUD_GT	17003021	BUD_GT			235

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	09:10:05.027	0.4					T__		634.1			ML	1.5	6931877	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:10:06.840	-0.9					T__						6931880	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
MORH	0.25	80.9	Pg	09:10:06.958	0.7					T__		242.1			ML	1.4	6931879	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:10:10.021	-0.7					T__						6931881	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
A266A	0.35	356.8	Lg	09:10:13.399	-0.8					T__						6931882	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A273A	0.42	232.1	Lg	09:10:14.896	-0.8					T__						6931878	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A265A	0.42	305.9	Lg	09:10:15.733	-0.6					T__						6931883	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A264A	0.70	269.0	Lg	09:10:24.488	-0.3					T__						6931884	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/08	09:23:57.10	3.11	1.13	48.0556	20.6617	20.7	6.2	127	0.0f		8	5	262	0.11	0.56	kx	BUD	17003022	BUD			267
2021/10/08	09:23:56.98	0.97	1.29	48.0750	20.6990f				0.0f		8	5	265	0.13	0.59	kx	BUD_GT	17003023	BUD_GT			270

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

Magnitude Err Nsta Author OrigID  
ML 1.5 0.0 3 BUD\_GT 17003023

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.13	292.1	Pg	09:24:00.939	0.8					T__		762.2			ML	1.5	6931925	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.13	292.1	Lg	09:24:02.579	-0.3	T__	---	6931926	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
KECS	0.43	340.8	Pg	09:24:06.289	0.5	T__	114.7	---	ML	1.6	6931928	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	340.8	Lg	09:24:12.102	-0.5	T__	---	---	---	6931927	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
JOS	0.43	345.9	Pg	09:24:06.644	0.8	T__	57.1	---	ML	1.3	6931930	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	09:24:12.207	-0.4	T__	---	---	---	6931929	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=1)																			
PSZ	0.56	254.1	Lg	09:24:15.871	-2.2	T__	---	---	---	6931931	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.59	250.9	Lg	09:24:16.334	-2.2	T__	---	---	---	6931932	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/08	09:29:02.02	0.85	1.60	48.1937	21.2219	6.7	3.5	17	0.0f	25	15	69	0.47	1.95	kx	BUD	17003024	BUD				103
2021/10/08	09:29:01.67	0.85	1.26	48.2470	21.2460f				0.0f	25	15	72	0.50	2.00	kx	BUD_GT	17003025	BUD_GT				106
(locality : Tallya Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	10 BUD_GT	17003025

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.50	255.8	Pg	09:29:12.575	0.3					T__		130.0		---	ML	1.8	6931987	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:29:18.888	-1.5					T__				---	---	6931988	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
HU07A	0.52	120.5	Pg	09:29:12.936	0.6					T__		446.8		---	ML	2.4	6931990	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.52	120.5	Lg	09:29:20.123	-1.5					T__				---	---	6931989	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
JOS	0.53	298.1	Pg	09:29:13.597	1.2					T__		162.7		---	ML	2.0	6931991	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:29:20.409	-0.2					T__				---	---	6931981	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KECS	0.56	295.3	Pg	09:29:14.607	1.7					T__		287.5		---	ML	2.3	6931982	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	09:29:21.139	-0.4					T__				---	---	6931992	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU05A	0.70	186.1	Lg	09:29:25.239	-2.7					T__				---	---	6931993	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TRPA	0.87	97.2	Pn	09:29:20.416	0.4					T__		208.4		---	ML	2.3	6931986	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	09:29:31.354	-1.8					T__				---	---	6931994	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
PSZ	0.96	250.6	Pn	09:29:21.300	-0.2					T__		104.0		---	ML	2.1	6931996	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:29:34.112	-2.3					T__				---	---	6931995	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOLS	0.97	44.4	Pn	09:29:22.756	1.2					T__				---	---	6931985	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	44.4	Lg	09:29:34.631	-1.3					T__				---	---	6931997	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	248.7	Pg	09:29:23.328	0.9					T__		64.8		---	ML	1.9	6931983	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

ET1H	0.99	248.7	Lg	09:29:34.390	-2.6	T__	---	6931984	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
NIE	1.33	332.3	Lg	09:29:45.642	-0.6	T__	---	6931998	FDSN	PL	--	BUD	iLoc	BHN	???	_			
HU01A	1.42	231.1	Sn	09:29:47.639	-0.0	T__	---	6931999	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
MEZ	1.54	79.1	Sn	09:29:51.306	-0.7	T__	---	6932000	FDSN	UA	--	BUD	iLoc	BHN	???	_			
VYHS	1.63	279.6	Pg	09:29:34.038	-0.3	T__	17.1	---	ML	1.6	6932002	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.63	279.6	Sn	09:29:53.850	0.4	T__	---	6932001	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
DRGR	1.76	145.2	Pn	09:29:33.807	1.1	T__	54.4	---	ML	2.2	6932003	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.76	145.2	Sn	09:29:57.120	0.4	T__	---	6932004	FDSN	RO	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
SIRR	2.00	171.8	Pg	09:29:41.258	-0.0	T__	24.9	---	ML	2.0	6932005	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/08	10:00:22.57	0.98	0.80	48.1317	16.9525	10.8	4.0	135	0.0f	7	4	168	0.12	1.00	sx	BUD	17003026	BUD				281

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
ZST	0.12	57.3	Pg	10:00:26.140	0.6					T__					6932106	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
ZST	0.12	57.3	Lg	10:00:28.116	-0.1					T__					6932105	FDSN	SK	--	BUD	iLoc	HHN	???	_			
MODS	0.33	41.8	Pg	10:00:29.703	0.0					T__					6932103	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	0.33	41.8	Lg	10:00:33.875	-1.4					T__					6932104	FDSN	SK	--	BUD	iLoc	HHN	???	_			
RONA	0.62	225.8	Pg	10:00:34.881	-0.1					T__	72.8			ML	1.7	6932107	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.62	225.8	Lg	10:00:43.185	-0.1					T__					6932109	FDSN	OE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=0)																										
KRUC	1.00	338.5	Lg	10:00:57.008	0.4					T__					6932108	FDSN	CZ	--	BUD	iLoc	HHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/08	11:52:42.33	0.86	1.02	47.9097	20.1135	3.7	2.9	159	0.0f	20	12	108	0.15	1.56	kx	BUD	17003032	BUD				158
2021/10/08	11:52:41.99	0.84	1.26	47.8650	20.1529f				0.0f	20	12	119	0.18	1.57	kx	BUD_GT	17003033	BUD_GT				170

(locality : Kiszána Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	8 BUD_GT	17003033

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
PSZ	0.18	287.2	Pg	11:52:47.016	0.5					T__		883.1			ML	1.8	6932252	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.18	287.2	Lg	11:52:48.891	-1.2					T__						6932262	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
ET1H	0.19	274.4	Pg	11:52:47.280	0.8					T__	568.8			_d	ML	1.6	6932253	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.19	274.4	Lg	11:52:48.937	-1.0					T__						6932263	FDSN	HU	--	BUD	iLoc	HHN	???	_		

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU23A 0.24 163.9 Pg 11:52:49.761 2.3 T__ 666.0 ___ ML 1.8 6932258 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.24 163.9 Lg 11:52:53.198 1.5 T__ ___ 6932257 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.36 44.0 Pg 11:52:49.754 -0.1 T__ 201.8 ___ ML 1.6 6932254 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 11:52:54.973 -1.0 T__ ___ 6932266 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.37 276.2 Pg 11:52:50.404 0.3 T__ 142.0 ___ ML 1.5 6932264 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.37 276.2 Lg 11:52:54.811 -1.3 T__ ___ 6932265 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU01A 0.63 214.9 Lg 11:53:04.740 -0.8 T__ ___ 6932268 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.66 19.7 Pg 11:52:55.790 0.6 T__ 117.4 ___ ML 1.9 6932259 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.66 19.7 Lg 11:53:04.696 -0.6 T__ ___ 6932267 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
JOS 0.68 22.1 Pg 11:52:56.111 0.4 T__ 46.8 ___ ML 1.5 6932255 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 11:53:05.424 -0.7 T__ ___ 6932269 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU10A 0.76 268.9 Lg 11:53:07.069 -3.0 T__ ___ 6932260 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.08 306.0 Pn 11:53:03.787 0.3 T__ 17.2 ___ ML 1.3 6932256 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 306.0 Lg 11:53:17.474 -2.2 T__ ___ 6932261 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
CSKK 1.38 249.3 Sn 11:53:27.292 0.1 T__ ___ 6932270 FDSN HU -- BUD iLoc HHE ??? _
HU08A 1.57 254.8 Sn 11:53:32.805 1.0 T__ ___ 6932271 FDSN ZJ 00 BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/09 09:55:42.00 4.35 1.04 46.8290 22.7819 61.3 19.7 152 0.0f 4 2 307 0.06 1.44 sx BUD 17003046 BUD 360

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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 0.06 232.5 Pg 09:55:43.626 -0.0 T__ 142.1 _c_ ML 0.6 6932849 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.06 232.5 Lg 09:55:45.246 0.0 T__ ___ 6932850 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
GZR 1.44 180.1 Pn 09:56:09.205 0.4 T__ 37.9 ___ ML 1.9 6932852 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.44 180.1 Sn 09:56:28.230 -1.0 T__ ___ 6932851 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/10 23:11:53.40 0.93 1.25 45.6282 19.4622 11.5 3.8 65 10.0f 9 5 143 0.53 1.06 ke BUD 17003050 BUD 281

```

Magnitude Err Nsta Author OrigID

ML 1.8 0.4 4 BUD 17003050

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
FRGS	0.53	152.3	Pg	23:12:04.503	0.8					T__		47.5		___	ML	1.5	6933012	FDSN	SJ	--	BUD	iLoc	BHZ	BHZ	_
FRGS	0.53	152.3	Lg	23:12:11.191	-1.7					T__				---		6933007	FDSN	SJ	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU21A	0.73	14.7	Pn	23:12:08.549	0.5					T__		134.8		___	ML	2.0	6933008	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.73	14.7	Lg	23:12:18.643	-0.7					T__				---		6933011	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU22A	0.74	341.9	Pg	23:12:08.631	0.7					T__		161.5		___	ML	2.1	6933013	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.74	341.9	Lg	23:12:18.365	-1.2					T__				---		6933009	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MORH	0.82	316.1	Pg	23:12:10.022	0.9					T__		33.3		_c_	ML	1.5	6933006	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.82	316.1	Lg	23:12:20.164	-1.4					T__				---		6933010	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOVH	1.06	296.3	Sn	23:12:27.972	0.3					T__				---		6933014	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/11	08:11:06.96	1.01	1.64	47.7076	18.7093	6.2	3.7	129	0.0f	15	9	106		0.23	1.49	kx	BUD	17003052	BUD			175	
2021/10/11	08:11:06.91	0.87	1.53	47.7180	18.7130f				0.0f	15	9	106		0.24	1.50	kx	BUD_GT	17003053	BUD_GT			175	
(locality : Dorog Hungary)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 6 BUD\_GT 17003053

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.24	250.5	Pg	08:11:13.067	1.0					T__		2355.8		_c_	ML	2.3	6933145	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.24	250.5	Lg	08:11:15.185	-1.4					T__				---		6933147	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
SRO	0.29	289.6	Pg	08:11:14.883	1.8					T__		2295.7		___	ML	2.5	6933153	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SRO	0.29	289.6	Lg	08:11:18.532	0.2					T__				---		6933154	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
CSKK	0.47	221.0	Pg	08:11:18.355	1.7					T__		250.3		___	ML	2.0	6933158	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.47	221.0	Lg	08:11:22.880	-1.9					T__				---		6933159	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU08A	0.61	242.1	Pg	08:11:19.890	0.6					T__		74.6		___	ML	1.7	6933156	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.61	242.1	Lg	08:11:25.781	-3.4					T__				---		6933155	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
VYHS	0.78	6.0	Pg	08:11:23.058	0.2					T__		14.3		___	ML	1.1	6933149	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.78	6.0	Lg	08:11:33.691	-0.7					T__				---		6933148	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
PSZ	0.82	75.4	Lg	08:11:36.606	-0.3					T__				---		6933157	FDSN	GE	--	BUD	iLoc	HHE	???	_	

MPLH	0.97	235.9	Pg	08:11:26.263	-0.0	T__	72.4	___	ML	1.9	6933151	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.97	235.9	Lg	08:11:39.112	-1.3	T__		---			6933150	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 1.9 magdef=1)															
				(Station ML: 1.9 magdef=1)															
MODS	1.17	304.8	Sn	08:11:45.630	-2.1	T__		---			6933152	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORH	1.50	181.8	Sn	08:11:56.360	1.2	T__		---			6933146	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/11	08:17:00.81	1.01	0.71	48.5251	19.3404	7.8	3.4	7	0.0f		12	6	186	0.34	0.89	sx	BUD	17003054	BUD			300

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	6 BUD	17003054

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.34	264.9	Pg	08:17:08.104	0.3					T__		36.2		---	ML	0.8	6933202	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.34	264.9	Lg	08:17:12.507	-0.5					T__				---		6933203	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=0)																					
PSZ	0.71	148.4	Pg	08:17:16.224	0.3					T__		51.1		---	ML	1.6	6933200	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	148.4	Lg	08:17:26.747	-0.1					T__				---		6933199	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
ET1H	0.74	151.0	Pg	08:17:16.739	0.4					T__		29.8		---	ML	1.4	6933206	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.74	151.0	Lg	08:17:27.069	-0.2					T__				---		6933201	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
KECS	0.76	92.7	Pg	08:17:17.037	1.0					T__		153.0		---	ML	2.1	6933204	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.76	92.7	Lg	08:17:26.744	-0.7					T__				---		6933205	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 2.1 magdef=1)																					
				(Station ML: 2.1 magdef=0)																					
JOS	0.80	91.7	Pg	08:17:17.131	0.5					T__		58.5		---	ML	1.7	6933207	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	91.7	Lg	08:17:27.710	-0.9					T__				---		6933198	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
HU02A	0.89	116.6	Pg	08:17:19.386	0.3					T__		73.7		---	ML	1.9	6933197	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	116.6	Lg	08:17:31.619	-1.1					T__				---		6933208	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)																					
				(Station ML: 1.9 magdef=1)																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/11	08:29:13.45	0.99	0.65	48.4883	17.5211	7.2	3.5	134	0.0f		8	5	145	0.20	1.24	sx	BUD	17003056	BUD				219

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.20	234.8	Pg	08:29:18.419	0.4					T__				---		6933237	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	234.8	Lg	08:29:20.489	-1.3					T__				---		6933239	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.38	14.9	Pg	08:29:21.688	0.0					T__		140.8		---	ML	1.5	6933238	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.38	14.9	Lg	08:29:27.891	-0.2					T__				---		6933240	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.5 magdef=1)																					

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(Station ML: 1.5 magdef=1
VYHS 0.87 89.1 Lg 08:29:43.868 0.0 T__ --- 6933241 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.94 308.0 Lg 08:29:45.668 0.3 T__ --- 6933242 FDSN CZ -- BUD iLoc HHN ??? _
CONA 1.24 243.8 Pn 08:29:37.798 -0.0 T__ 58.3 --- ML 2.0 6933244 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.24 243.8 Lg 08:29:53.915 -0.1 T__ --- 6933243 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/11 11:24:54.41 0.87 0.97 48.3150 19.8665 3.9 3.2 136 0.0f 16 9 89 0.40 1.14 sx BUD 17003058 BUD 143

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```

Magnitude Err Nsta Author OrigID
ML 1.5 0.1 7 BUD 17003058

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.40 177.3 Pg 11:25:03.465 0.3 T__ 171.1 --- ML 1.6 6933327 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.40 177.3 Lg 11:25:08.671 -1.1 T__ --- 6933328 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.44 179.6 Pg 11:25:05.425 1.6 T__ 92.2 --- ML 1.5 6933326 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.44 179.6 Lg 11:25:10.299 -0.3 T__ --- 6933333 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.45 67.6 Pg 11:25:03.555 0.1 T__ 269.8 --- ML 2.0 6933332 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.45 67.6 Lg 11:25:10.589 0.2 T__ --- 6933330 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
HU03A 0.45 203.6 Lg 11:25:10.559 -0.4 T__ --- 6933341 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.48 113.4 Pg 11:25:05.073 0.5 T__ 70.5 --- ML 1.5 6933335 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 113.4 Lg 11:25:11.276 -1.2 T__ --- 6933329 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
JOS 0.48 67.8 Pg 11:25:04.067 -0.1 T__ 131.6 --- ML 1.8 6933334 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.48 67.8 Lg 11:25:10.824 -0.8 T__ --- 6933331 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 0.71 285.0 Pg 11:25:09.480 0.6 T__ 19.7 --- ML 1.2 6933337 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.71 285.0 Lg 11:25:18.064 -1.2 T__ --- 6933336 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU10A 0.74 230.7 Lg 11:25:19.835 -1.5 T__ --- 6933338 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 1.14 14.4 Pg 11:25:17.171 1.2 T__ 24.3 --- ML 1.5 6933340 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.14 14.4 Lg 11:25:32.291 -0.4 T__ --- 6933339 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/12 05:54:11.60 1.40 0.90 47.9044 20.0802 13.0 3.3 157 0.0f 10 6 206 0.13 1.02 sx BUD 17003066 BUD 232

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Magnitude Err Nsta Author OrigID

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ML 1.2 0.2 4 BUD 17003066

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.13	276.5	Pg	05:54:15.423	0.5					T__		498.0		---	ML	1.3	6933565	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.13	276.5	Lg	05:54:17.196	-0.6					T__				---		6933566	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ET1H	0.14	259.9	Pg	05:54:15.585	0.5					T__		230.5		_c_	ML	1.1	6933567	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.14	259.9	Lg	05:54:17.413	-0.5					T__				---		6933573	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.37	53.7	Pg	05:54:19.525	-0.1					T__		57.9		---	ML	1.1	6933568	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.37	53.7	Lg	05:54:25.036	-0.9					T__				---		6933574	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.64	24.9	Lg	05:54:34.728	0.5					T__				---		6933569	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.67	27.3	Pg	05:54:25.923	1.0					T__		29.8		---	ML	1.3	6933571	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.67	27.3	Lg	05:54:35.504	0.3					T__				---		6933570	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
VYHS	1.02	305.8	Lg	05:54:45.543	-1.6					T__				---		6933572	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/10/12 07:56:58.55 0.90 0.90 48.5103 17.5023 5.7 3.2 137 0.0f 9 6 134 0.20 1.24 sx BUD 17003068 BUD 207

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.20	227.7	Pg	07:57:03.482	0.3					T__				---		6933622	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	227.7	Lg	07:57:05.337	-1.7					T__				---		6933624	FDSN	SK	--	BUD	iLoc	HNN	???	_	
JAVC	0.37	17.7	Pg	07:57:06.258	-0.2					T__		107.7		---	ML	1.4	6933623	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.37	17.7	Lg	07:57:12.032	-0.6					T__				---		6933625	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VYHS	0.89	90.6	Pg	07:57:17.005	0.5					T__		11.5		---	ML	1.1	6933627	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.89	90.6	Lg	07:57:29.135	-0.2					T__				---		6933626	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KRUC	0.92	307.4	Lg	07:57:30.730	1.1					T__				---		6933628	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
RONA	1.15	225.3	Lg	07:57:36.150	0.1					T__				---		6933629	FDSN	OE	--	BUD	iLoc	HNN	???	_	
CONA	1.24	242.6	Lg	07:57:39.065	0.0					T__				---		6933630	FDSN	OE	--	BUD	iLoc	HNN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/10/12 08:12:47.75 0.91 0.68 48.7772 16.2384 8.1 3.8 107 0.0f 15 9 137 0.30 1.64 sx BUD 17003070 BUD 156

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.1 6 BUD 17003070

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.30	19.9	Pg	08:12:53.891	0.2					T__		258.5		_c_	ML	1.6	6933687	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

KRUC	0.30	19.9	Lg	08:12:57.969	-0.4	T__									6933686	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
VRAC	0.58	23.6	Pg	08:12:59.222	0.4	T__					19.1			ML	1.1	6933689	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.58	23.6	Lg	08:13:06.616	-0.8	T__									6933688	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=0)																								
TREC	0.72	316.6	Lg	08:13:11.376	0.3	T__									6933690	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	0.89	196.6	Pg	08:13:05.695	0.4	T__					44.0			ML	1.6	6933683	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.89	196.6	Lg	08:13:16.883	0.0	T__									6933684	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
RONA	1.08	177.9	Pg	08:13:08.769	-0.3	T__					41.1			ML	1.7	6933692	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.08	177.9	Lg	08:13:23.003	-0.1	T__									6933691	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
CKRC	1.28	272.6	Lg	08:13:28.402	-0.8	T__									6933693	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MORC	1.32	40.0	Pg	08:13:12.537	0.4	T__					39.6			ML	1.8	6933695	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.32	40.0	Lg	08:13:30.427	-0.0	T__									6933694	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
ARSA	1.60	197.7	Pn	08:13:16.743	-0.3	T__					51.4			ML	2.1	6933696	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.60	197.7	Sn	08:13:38.067	-0.2	T__									6933685	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=0)																								
PRU	1.64	318.2	Sn	08:13:37.299	-1.8	T__									6933697	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/12	08:50:38.19	0.90	1.04	47.3700	18.4202	4.6	4.1	103	0.0f		23	18	86	0.11	1.82	sx	BUD	17003072	BUD			110

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	5 BUD	17003072

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.11	266.4	Pg	08:50:41.749	0.7					T__		4965.4		_c	ML	2.3	6933795	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	266.4	Lg	08:50:42.670	-1.1					T__						6933798	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU09A	0.27	354.6	Lg	08:50:48.402	-0.8					T__						6933799	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.34	280.5	Pg	08:50:46.257	0.7					T__		194.4			ML	1.5	6933801	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.34	280.5	Lg	08:50:50.300	-1.3					T__						6933800	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A267A	0.43	174.3	Lg	08:50:53.562	-0.7					T__						6933802	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU10A	0.62	40.2	Lg	08:51:00.670	-0.8					T__						6933803	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A272A	0.73	149.0	Lg	08:51:03.506	-1.3					T__						6933805	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
EGYH	0.74	274.0	Lg	08:51:03.232	-1.2					T__						6933804	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A266A	0.85	187.2	Lg	08:51:07.326	-0.4					T__						6933806	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ET1H	1.11	62.0	Pn	08:51:01.100	1.3					T__		36.1			ML	1.7	6933808	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.11	62.0	Sn	08:51:16.331	-0.7					T__						6933807	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

PSZ	1.14	60.6	Pn	08:51:01.598	1.1	T__	50.4	___	ML	1.8	6933810	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.14	60.6	Sn	08:51:17.327	-0.9	T__		---			6933809	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
VYHS	1.16	13.8	Pn	08:51:02.110	1.3	T__	18.8	___	ML	1.4	6933796	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.16	13.8	Lg	08:51:17.563	-1.0	T__		---			6933812	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
MORH	1.17	172.4	Sn	08:51:17.370	-0.7	T__		---			6933811	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.27	323.0	Sn	08:51:20.309	-1.1	T__		---			6933797	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.30	189.9	Sn	08:51:21.243	-0.2	T__		---			6933813	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.48	283.7	Sn	08:51:25.867	-0.0	T__		---			6933814	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	1.57	341.7	Sn	08:51:29.292	-0.3	T__		---			6933815	FDSN	CZ	--	BUD	iLoc	HHN	???	_
HU02A	1.61	61.3	Sn	08:51:30.961	1.6	T__		---			6933816	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CONA	1.82	288.8	Sn	08:51:35.612	1.1	T__		---			6933817	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/12	08:59:29.73	0.87	0.86	48.3954	17.3017	4.9	3.3	133	0.0f		16	9	132	0.03	1.39	sx	BUD	17003074	BUD			178

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	8 BUD	17003074

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.03	216.7	Pg	08:59:30.619	-0.3					T__						6933858	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.03	216.7	Lg	08:59:31.311	-1.0					T__						6933866	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.52	27.7	Pg	08:59:42.361	1.6					T__	112.5			___	ML	1.8	6933865	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	27.7	Lg	08:59:48.149	-1.1					T__				---		6933859	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KRUC	0.90	318.4	Pg	08:59:47.827	0.9					T__	42.3			___	ML	1.6	6933860	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.90	318.4	Lg	08:59:58.959	-1.3					T__				---		6933867	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
RONA	0.97	224.5	Pg	08:59:48.866	-0.1					T__	49.5			___	ML	1.7	6933862	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.97	224.5	Lg	09:00:01.826	0.2					T__				---		6933861	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A331A	0.97	38.5	Pg	08:59:49.394	0.6					T__	79.1			___	ML	1.9	6933868	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
VYHS	1.03	83.9	Pg	08:59:50.684	0.2					T__	11.9			___	ML	1.1	6933863	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.03	83.9	Lg	09:00:04.586	-0.7					T__				---		6933871	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
VRAC	1.03	333.2	Pg	08:59:49.725	0.6					T__	12.0			___	ML	1.1	6933869	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	1.03	333.2	Lg	09:00:03.295	-1.0					T__				---		6933870	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	1.07	244.7	Pg	08:59:51.003	0.1					T__	44.6			___	ML	1.7	6933864	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.07	244.7	Lg	09:00:04.738	-0.0					T__				---		6933872	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

MORC 1.39 6.4 Pg 08:59:56.056 0.4 T\_\_ 43.4 \_\_\_ ML 1.9 6933873 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/12	09:42:28.75	1.18	1.27	47.3769	18.3881	8.1	3.6	128	0.0f	14	10	109	0.09	1.30	sx	BUD	17003076	BUD				156

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	4 BUD	17003076

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.09	261.0	Pg	09:42:32.126	1.0					T__		2886.1		_c_	ML	2.0	6933940	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	261.0	Lg	09:42:32.970	-0.6					T__				---		6933942	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				</																					

NIE	0.57	348.3	Lg	09:48:28.653	-1.1	T__								6934027	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
HU02A	0.74	177.5	Lg	09:48:36.292	-1.1	T__								6934040	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	0.76	137.7	Pg	09:48:26.188	0.5	T__	256.4							6934038	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.76	137.7	Lg	09:48:36.325	-1.8	T__								6934039	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																						
(Station ML: 2.3 magdef=1)																						
PSZ	1.02	202.7	Pn	09:48:32.243	0.9	T__	240.4							6934019	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.02	202.7	Lg	09:48:45.570	-1.5	T__								6934028	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																						
(Station ML: 2.4 magdef=1)																						
ET1H	1.06	202.6	Pn	09:48:32.802	1.0	T__	210.0							6934023	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.06	202.6	Lg	09:48:46.745	-1.3	T__								6934029	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																						
(Station ML: 2.4 magdef=1)																						
HU03A	1.12	211.8	Pn	09:48:32.959	0.4	T__	296.3							6934024	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.12	211.8	Sn	09:48:48.591	-1.2	T__								6934031	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																						
(Station ML: 2.6 magdef=1)																						
VYHS	1.15	252.1	Pn	09:48:33.512	0.3	T__	75.1							6934025	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.15	252.1	Lg	09:48:48.725	-1.4	T__								6934032	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=0)																						
KOLS	1.19	85.7	Pn	09:48:34.274	0.5	T__								6934021	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	1.19	85.7	Lg	09:48:48.289	-2.5	T__								6934030	FDSN	SK	--	BUD	iLoc	HHN	???	_
OJC	1.43	342.3	Pn	09:48:38.253	0.8	T__	265.6							6934034	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
OJC	1.43	342.3	Lg	09:48:57.284	0.2	T__								6934033	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.7 magdef=1)																						
(Station ML: 2.7 magdef=0)																						
A331A	1.51	282.0	Pg	09:48:40.636	0.4	T__	342.6							6934035	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	1.51	282.0	Lg	09:48:59.600	-0.5	T__								6934036	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																						
(Station ML: 2.9 magdef=0)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/12	10:00:24.11	1.03	1.36	48.1451	16.9928	11.0	3.5	134	0.0f		10	7	187	0.30	1.67	sx	BUD	17003080	BUD			194

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.30	39.6	Pg	10:00:31.796	1.1					T__						6934128	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.30	39.6	Lg	10:00:34.412	-1.5					T__						6934123	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	0.65	226.7	Pg	10:00:37.209	0.1					T__	104.1					6934124	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.65	226.7	Lg	10:00:45.516	-0.2					T__						6934125	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
CONA	0.79	254.5	Pg	10:00:39.618	-0.1					T__	86.1					6934126	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.79	254.5	Lg	10:00:49.144	-1.0					T__						6934127	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
JAVC	0.84	32.0	Lg	10:00:52.093	-2.5					T__						6934129	FDSN	CZ	--	BUD	iLoc	HHN	???	_

KRUC	1.00	336.8	Lg	10:00:58.891	0.8	T__	---	6934132	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ARSA	1.34	228.5	Lg	10:01:07.312	0.6	T__	---	6934130	FDSN	OE	--	BUD	iLoc	HHN	???	_
MORC	1.67	12.3	Sn	10:01:16.502	-1.1	T__	---	6934131	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/12	10:30:55.00	1.37	0.97	48.7904	21.3286	20.6	6.3	151	0.0f	7	5	165	0.60	1.24	sx	BUD	17003082	BUD			195	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.60	240.9	Pg	10:31:06.664	-0.3					T__		45.5		---	ML	1.5	6934176	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	240.9	Lg	10:31:16.694	0.7					T__				---		6934179	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.64	241.5	Lg	10:31:18.138	0.8					T__				---		6934180	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.64	76.7	Lg	10:31:18.615	0.9					T__				---		6934178	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.86	219.0	Pg	10:31:12.647	0.0					T__	52.0			---	ML	1.7	6934177	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	219.0	Lg	10:31:24.733	-1.1					T__				---		6934182	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KWP	1.24	46.5	Lg	10:31:35.577	-0.8					T__				---		6934181	FDSN	PL	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/12	11:45:00.08	0.95	1.04	47.5436	18.4881	5.6	3.5	120	0.0f	10	6	150	0.12	1.02	kx	BUD	17003084	BUD			184		
2021/10/12	11:45:00.15	0.90	0.92	47.5600	18.4573f				0.0f	10	6	143	0.09	1.03	kx	BUD_GT	17003085	BUD_GT			179		
(locality : Tatabánya Hungary)																							
(GT info : GT2 explosion)																							

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD_GT	17003085

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.09	327.2	Pg	11:45:03.813	1.2					T__		944.9		---	ML	1.5	6934209	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	11:45:04.630	-0.3					T__				---		6934210	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CSKK	0.24	214.2	Pg	11:45:05.991	0.6					T__	133.8			---	ML	1.1	6934208	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	11:45:09.259	-0.8					T__				---		6934211	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU08A	0.38	250.6	Lg	11:45:14.158	-0.7					T__				---		6934212	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.97	15.1	Pn	11:45:20.582	0.5					T__	15.9			---	ML	1.2	6934214	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	11:45:33.431	-0.6					T__				---		6934213	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ET1H	1.01	71.0	Lg	11:45:34.936	-1.2					T__				---		6934215	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.03	69.2	Pg	11:45:21.573	-0.4					T__	43.1			---	ML	1.7	6934217	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.03	69.2	Lg	11:45:35.973	-1.5					T__				---		6934216	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/12	13:00:24.65	0.96	1.00	48.5928	17.6299	5.7	3.7	129	0.0f	6	3	138	0.27	0.81	sx	BUD	17003086	BUD				269

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JAVC	0.27	5.8	Pg	13:00:31.106	0.5					T__		103.1		___	ML	1.1	6934257	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.27	5.8	Lg	13:00:34.373	-1.0					T__				---		6934256	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MODS	0.32	227.0	Pg	13:00:32.082	0.5					T__				---		6934255	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.32	227.0	Lg	13:00:36.195	-0.9					T__				---		6934258	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	0.81	96.6	Pg	13:00:41.448	0.5					T__		13.1		___	ML	1.1	6934260	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.81	96.6	Lg	13:00:52.027	-0.7					T__				---		6934259	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/13	01:02:12.26	0.88	1.02	48.7708	19.4643	3.8	3.4	20	0.7	10.2	42	26	59	0.50	2.14	ke	BUD	17003090	BUD				90

Magnitude Err Nsta Author OrigID  
ML 2.2 0.2 15 BUD 17003090

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.50	236.6	Pg	01:02:22.945	0.5					T__		46.1		___	ML	1.4	6934506	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.50	236.6	Lg	01:02:29.085	-0.7					T__				---		6934507	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.74	112.6	Pg	01:02:27.281	0.4					T__		543.2		___	ML	2.6	6934508	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.74	112.6	Lg	01:02:36.875	-0.9					T__				---		6934509	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
JOS	0.76	110.7	Pg	01:02:27.586	0.2					T__		347.7		___	ML	2.5	6934511	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.76	110.7	Lg	01:02:37.743	-1.0					T__				---		6934510	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
NIE	0.85	40.0	Pg	01:02:28.507	0.2					T__		51.6		___	ML	1.7	6934504	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.85	40.0	Lg	01:02:39.601	-0.8					T__				---		6934505	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
HU03A	0.87	174.0	Pg	01:02:30.757	0.5					T__		158.8		___	ML	2.2	6934503	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.87	174.0	Lg	01:02:42.523	-0.4					T__				---		6934538	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
PSZ	0.90	161.2	Pn	01:02:31.195	-0.1					T__		300.1		_c_	ML	2.5	6934501	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.90	161.2	Lg	01:02:43.398	-1.0					T__				---		6934513	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
A331A	0.90	295.3	Lg	01:02:42.479	0.3					T__				---		6934512	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

ET1H	0.93	162.9	Pn	01:02:31.476	-0.1	T__	68.2	---	ML	1.9	6934502	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.93	162.9	Lg	01:02:44.460	-0.6	T__		---			6934514	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
HU02A	0.96	132.2	Pg	01:02:31.898	0.1	T__	91.1	---	ML	2.0	6934498	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	132.2	Lg	01:02:44.757	-1.1	T__		---			6934499	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU10A	0.97	198.0	Lg	01:02:45.978	-1.1	T__		---			6934539	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A338A	1.06	224.8	Pn	01:02:33.848	0.5	T__	222.8	---	ML	2.4	6934516	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A338A	1.06	224.8	Sn	01:02:48.535	-1.5	T__		---			6934515	FDSN	Z3	00	BUD	iLoc	HH2	???	_
(Reading ML: 2.4 magdef=1)																			
(Station ML: 2.4 magdef=1)																			
JAVC	1.19	274.9	Pn	01:02:35.581	-0.1	T__	92.7	---	ML	2.1	6934517	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.19	274.9	Lg	01:02:52.269	-1.5	T__		---			6934518	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
SR0	1.23	219.2	Sn	01:02:53.595	-0.6	T__		---			6934519	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU23A	1.25	154.8	Pn	01:02:36.849	1.0	T__	142.9	---	ML	2.3	6934522	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	1.25	154.8	Sn	01:02:53.974	-0.1	T__		---			6934521	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
ABAH	1.27	111.3	Pn	01:02:37.164	1.0	T__	90.0	---	ML	2.2	6934500	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.27	111.3	Sn	01:02:53.773	-1.2	T__		---			6934520	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
OJC	1.47	8.4	Lg	01:02:58.269	-1.3	T__		---			6934523	FDSN	PL	--	BUD	iLoc	BHN	???	_
MODS	1.51	255.5	Pn	01:02:40.640	0.7	T__		---			6934524	FDSN	SK	--	BUD	iLoc	HHZ	???	_
BSZH	1.57	159.6	Sn	01:03:03.295	1.6	T__		---			6934527	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORC	1.61	309.4	Pn	01:02:42.813	1.4	T__	50.3	---	ML	2.1	6934525	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.61	309.4	Lg	01:03:03.251	-1.3	T__		---			6934526	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
HU08A	1.69	218.2	Pn	01:02:43.916	1.8	T__	39.2	---	ML	2.0	6934529	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	1.69	218.2	Lg	01:03:09.853	-0.2	T__		---			6934528	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU07A	1.81	114.9	Lg	01:03:12.676	-0.2	T__		---			6934530	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KOLS	1.86	83.9	Pg	01:02:48.310	1.2	T__		---			6934532	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	1.86	83.9	Lg	01:03:13.435	0.1	T__		---			6934531	FDSN	SK	--	BUD	iLoc	HHN	???	_
UZH	1.88	93.2	Sn	01:03:10.657	0.4	T__		---			6934533	FDSN	UA	--	BUD	iLoc	BHN	???	_
A267A	1.94	200.3	Sn	01:03:13.614	2.3	T__		---			6934534	FDSN	Z3	00	BUD	iLoc	HHN	???	_
EGYH	1.97	227.3	Sn	01:03:14.342	2.0	T__		---			6934535	FDSN	HU	--	BUD	iLoc	HHN	???	_
TRPA	2.14	106.2	Pg	01:02:54.025	0.5	T__	62.0	---	ML	2.5	6934537	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	2.14	106.2	Lg	01:03:23.275	0.3	T__		---			6934536	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																			
(Station ML: 2.5 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/13	06:08:56.45	1.07	0.95	47.3112	18.2903	5.6	3.2	122	0.0f		15	9	105	0.05	1.24	kx	BUD	17003094	BUD			199
2021/10/13	06:08:56.22	0.90	0.80	47.3167	18.3081f				0.0f		15	9	106	0.06	1.23	kx	BUD_GT	17003095	BUD_GT			196

(locality : Magyaralmás Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 6 BUD\_GT 17003095

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.06	325.1	Pg	06:08:58.586	0.5					T__		1451.2		---	ML	1.6	6934784	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	06:08:59.429	-0.5					T__				---		6934785	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
MSW2	0.07	257.7	Pg	06:08:58.663	0.4					T__		589.8		---	ML	1.3	6934793	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	257.7	Lg	06:08:59.391	-0.9					T__				---		6934794	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
MSW1	0.08	336.4	Pg	06:08:59.149	0.6					T__		967.1		---	ML	1.5	6934796	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	336.4	Lg	06:09:00.708	-0.2					T__				---		6934795	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
MSW3	0.14	298.3	Pg	06:09:00.637	1.0					T__		466.5		---	ML	1.4	6934798	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.14	298.3	Lg	06:09:01.902	-0.8					T__				---		6934797	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU08A	0.29	293.8	Lg	06:09:06.770	-0.9					T__				---		6934786	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.33	8.9	Pg	06:09:04.393	1.2					T__		149.6		---	ML	1.4	6934788	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.33	8.9	Lg	06:09:08.518	-0.6					T__				---		6934787	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
MORH	1.13	168.1	Lg	06:09:33.965	-1.0					T__				---		6934789	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.20	61.4	Pg	06:09:20.465	-0.8					T__		33.5		---	ML	1.7	6934791	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.20	61.4	Sn	06:09:36.778	-0.5					T__				---		6934790	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
VYHS	1.23	16.6	Sn	06:09:37.659	-0.9					T__				---		6934792	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/10/13 07:03:26.58 1.02 0.70 47.9765 16.6245 6.4 4.8 127 0.0f 11 7 94 0.35 1.13 sx BUD 17003096 BUD 171

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.4 4 BUD 17003096

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.35	218.7	Pg	07:03:33.901	0.0					T__		56.5		---	ML	1.0	6934837	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.35	218.7	Lg	07:03:37.838	-1.0					T__				---		6934835	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
CONA	0.51	264.9	Pg	07:03:37.397	0.5					T__		49.4		---	ML	1.4	6934833	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.51	264.9	Lg	07:03:43.085	-0.7					T__				---		6934834	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
MODS	0.59	47.5	Lg	07:03:48.060	-0.3					T__				---		6934838	FDSN	SK	--	BUD	iLoc	HHE	???	_	
MPLH	1.02	142.1	Lg	07:04:01.480	-0.2					T__				---		6934841	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.04	226.1	Pg	07:03:47.214	0.5					T__		54.4		---	ML	1.8	6934840	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

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ARSA  1.04 226.1 Lg      07:04:00.527  0.8      T__      ---      6934839  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
KRUC  1.10 352.1 Lg      07:04:03.212 -0.6      T__      ---      6934836  FDSN CZ      -- BUD  iLoc  HHN ??? _
JAVC  1.13  37.9 Pn      07:03:50.180  0.9      T__      74.9     --- ML    2.0 6934843  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC  1.13  37.9 Sn      07:04:06.492 -0.1      T__      ---      6934842  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/10/13 09:12:32.53  0.78  1.13 46.9804  17.3435  3.9   2.9 142  0.0f      37  29 42  0.14  2.64  sx BUD      17003098    BUD                57

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Magnitude  Err Nsta Author      OrigID
ML      2.1 0.2   9 BUD      17003098

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
A261A  0.14 258.1 Pg      09:12:35.878 -0.0   T__      22312.6  --- ML    3.0 6934908  FDSN Z3  00 BUD  iLoc  HHZ HHZ _
A261A  0.14 258.1 Lg      09:12:37.315 -1.4   T__      ---      6934910  FDSN Z3  00 BUD  iLoc  HHN ??? _
(Reading ML:  3.0 magdef=1
(Station ML:  3.0 magdef=0
MPLH  0.23  35.1 Pg      09:12:37.959  0.1   T__      1170.5  _c_ ML    2.0 6934907  FDSN HU  -- BUD  iLoc  HHZ HHZ _
MPLH  0.23  35.1 Lg      09:12:42.178  0.1   T__      ---      6934912  FDSN HU  -- BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1
A263A  0.34 183.3 Pg      09:12:40.381  0.5   T__      3398.8  --- ML    2.8 6934914  FDSN Z3  00 BUD  iLoc  HHZ HHZ _
A263A  0.34 183.3 Lg      09:12:44.318 -0.8   T__      ---      6934913  FDSN Z3  00 BUD  iLoc  HHN ??? _
(Reading ML:  2.8 magdef=1
(Station ML:  2.8 magdef=1
TIH   0.38 101.9 Lg      09:12:47.442  0.5   T__      ---      6934915  FDSN HU  -- BUD  iLoc  HHN ??? _
EGYH  0.44 359.0 Lg      09:12:48.676 -0.2   T__      ---      6934916  FDSN HU  -- BUD  iLoc  HHN ??? _
A262A  0.57 258.6 Lg      09:12:51.733 -0.3   T__      ---      6934917  FDSN Z3  00 BUD  iLoc  HHN ??? _
HU08A 0.60  41.0 Lg      09:12:54.398 -0.4   T__      ---      6934920  FDSN ZJ  00 BUD  iLoc  HHN ??? _
BEHE  0.64 217.6 Pg      09:12:45.558 -0.2   T__      435.1  --- ML    2.5 6934919  FDSN HU  -- BUD  iLoc  HHZ HHZ _
BEHE  0.64 217.6 Lg      09:12:53.933 -0.7   T__      ---      6934918  FDSN HU  -- BUD  iLoc  HHN ??? _
(Reading ML:  2.5 magdef=1
(Station ML:  2.5 magdef=1
CSKK  0.73  58.2 Lg      09:12:59.028 -0.7   T__      ---      6934921  FDSN HU  -- BUD  iLoc  HHN ??? _
A266A 0.78 125.4 Lg      09:13:00.021  0.2   T__      ---      6934922  FDSN Z3  00 BUD  iLoc  HHN ??? _
A267A 0.78  92.1 Lg      09:13:00.166 -0.7   T__      ---      6934923  FDSN Z3  00 BUD  iLoc  HHN ??? _
KOGS  0.92 235.1 Pg      09:12:50.271 -0.4   T__      125.1  --- ML    2.1 6934925  FDSN SL  -- BUD  iLoc  BHZ BHZ _
KOGS  0.92 235.1 Lg      09:13:03.146  0.5   T__      ---      6934924  FDSN SL  -- BUD  iLoc  BHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=1
HU09A 0.97  46.6 Sn      09:13:06.203 -1.4   T__      ---      6934926  FDSN ZJ  00 BUD  iLoc  HHN ??? _
RONA  1.01 315.7 Lg      09:13:06.650  0.5   T__      ---      6934927  FDSN OE  -- BUD  iLoc  HHN ??? _
A271A 1.03  79.7 Sn      09:13:08.601 -0.6   T__      ---      6934929  FDSN Z3  00 BUD  iLoc  HHN ??? _
KOVH  1.03 149.4 Pn      09:12:51.343 -1.8   T__      66.4   --- ML    1.9 6934928  FDSN HU  -- BUD  iLoc  HHZ HHZ _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=0
ARSA  1.27 282.9 Pn      09:12:57.366  0.5   T__      64.1   --- ML    2.0 6934931  FDSN OE  -- BUD  iLoc  HHZ HHZ _
ARSA  1.27 282.9 Sn      09:13:14.866  0.5   T__      ---      6934930  FDSN OE  -- BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1

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(Station ML: 2.0 magdef=1)																	
CONA	1.38	313.9	Lg	09:13:18.778	1.2	T__	---	---	6934932	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	1.39	358.2	Sn	09:13:18.230	-0.2	T__	---	---	6934935	FDSN	SK	--	BUD	iLoc	HHN	???	_
PTJ	1.43	222.0	Pn	09:12:59.439	0.0	T__	68.9	---	ML	2.1	6934934	FDSN	CR	iLoc	BHZ	BHZ	_
PTJ	1.43	222.0	Sn	09:13:18.814	-0.4	T__	---	---	6934933	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.1 magdef=1)																	
(Station ML: 2.1 magdef=1)																	
CRES	1.74	229.2	Pn	09:13:03.975	0.4	T__	52.4	---	ML	2.2	6934937	FDSN	SL	iLoc	BHZ	BHZ	_
CRES	1.74	229.2	Sn	09:13:27.225	0.9	T__	---	---	6934936	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.2 magdef=1)																	
(Station ML: 2.2 magdef=1)																	
VYHS	1.82	33.1	Sn	09:13:30.680	1.6	T__	---	---	6934938	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	1.89	6.6	Sn	09:13:32.423	1.1	T__	---	---	6934939	FDSN	CZ	--	BUD	iLoc	HHN	???	_
ET1H	1.94	61.4	Sn	09:13:34.007	2.5	T__	---	---	6934941	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.97	60.6	Lg	09:13:39.719	-0.8	T__	---	---	6934942	FDSN	GE	--	BUD	iLoc	HHN	???	_
OBKA	1.98	257.2	Lg	09:13:37.947	1.7	T__	---	---	6934940	FDSN	OE	--	BUD	iLoc	HHN	???	_
BLY	2.23	182.9	Lg	09:13:46.995	3.3	T__	---	---	6934943	FDSN	MN	--	BUD	iLoc	HHN	???	_
HU02A	2.44	60.9	Sn	09:13:45.965	2.1	T__	---	---	6934944	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	2.64	53.7	Lg	09:14:01.906	0.5	T__	---	---	6934945	FDSN	ZJ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/13	09:35:10.83	0.88	1.03	48.5090	17.4690	4.7	3.0	130	0.0f	13	8	132	0.19	1.27	sx	BUD	17003100	BUD				202

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	17003100

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.19	223.3	Pg	09:35:14.724	-0.4					T__				_c_	6935026	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.19	223.3	Lg	09:35:16.849	-1.9					T__				---	6935027	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.38	20.8	Pg	09:35:18.062	-0.8					T__	117.8			---	ML	1.4	6935034	FDSN	CZ	iLoc	HHZ	HHZ	_	
JAVC	0.38	20.8	Lg	09:35:24.706	-0.5					T__				---	6935033	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
KRUC	0.90	308.3	Lg	09:35:41.655	0.3					T__				---	6935029	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.91	90.4	Pg	09:35:29.051	-0.1					T__	16.7			---	ML	1.2	6935028	FDSN	SK	iLoc	HHZ	HHZ	_	
VYHS	0.91	90.4	Lg	09:35:43.410	1.0					T__				---	6935030	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
VRAC	0.99	324.5	Pg	09:35:29.469	-0.0					T__	11.9			---	ML	1.1	6935035	FDSN	CZ	iLoc	HHZ	HHZ	_	
VRAC	0.99	324.5	Lg	09:35:44.789	0.8					T__				---	6935031	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
RONA	1.13	224.6	Lg	09:35:49.364	1.5					T__				---	6935032	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.22	242.2	Pg	09:35:35.109	0.2					T__	42.4			---	ML	1.8	6935036	FDSN	OE	iLoc	HHZ	HHZ	_	
CONA	1.22	242.2	Lg	09:35:51.592	0.9					T__				---	6935037	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
MORC	1.27	2.2	Lg	09:35:53.096	0.9					T__				---	6935038	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

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

2021/10/13 09:49:45.53 1.55 0.31 48.3243 19.8731 11.8 3.9 129 0.0f 10 6 224 0.41 0.48 sx BUD 17003102 BUD 248

Magnitude Err Nsta Author OrigID  
ML 1.3 0.1 5 BUD 17003102

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.41	178.0	Pg	09:49:54.729	0.2					T__		57.3		---	ML	1.2 6935096	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.41	178.0	Lg	09:50:00.747	-0.4					T__				---		6935098	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
KECS	0.44	68.5	Pg	09:49:54.779	0.4					T__		89.7		---	ML	1.5 6935097	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	68.5	Lg	09:50:00.934	-0.3					T__				---		6935103	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																								
ET1H	0.45	180.2	Lg	09:50:01.966	-0.1					T__				---		6935099	FDSN	HU	--	BUD	iLoc	HHE	???	_
HU03A	0.46	203.6	Pg	09:49:55.386	0.1					T__		68.6		---	ML	1.4 6935104	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
JOS	0.48	68.6	Pg	09:49:55.031	-0.1					T__		46.8		---	ML	1.3 6935100	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	68.6	Lg	09:50:02.243	-0.2					T__				---		6935095	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
HU02A	0.48	114.7	Pg	09:49:56.078	0.3					T__		40.6		---	ML	1.2 6935101	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.48	114.7	Lg	09:50:03.309	-0.2					T__				---		6935102	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/10/13 10:31:21.43 0.97 0.53 48.5109 18.2466 6.8 3.5 10 0.0f 8 4 166 0.39 1.35 sx BUD 17003104 BUD 278

Magnitude Err Nsta Author OrigID  
ML 1.6 0.6 3 BUD 17003104

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.39	92.2	Pg	10:31:29.581	0.0					T__		12.8		---	ML	0.5 6935151	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.39	92.2	Lg	10:31:35.678	0.2					T__				---		6935148	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1 Station ML: 0.5 magdef=1)																								
JAVC	0.52	312.6	Pg	10:31:32.573	0.3					T__		73.6		---	ML	1.6 6935146	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	312.6	Lg	10:31:41.073	0.5					T__				---		6935145	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
MODS	0.66	258.3	Pg	10:31:35.226	0.2					T__				---		6935149	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.66	258.3	Lg	10:31:44.584	-0.8					T__				---		6935147	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORC	1.35	340.2	Pg	10:31:45.877	-0.6					T__		56.1		---	ML	2.0 6935150	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.35	340.2	Lg	10:32:05.184	-0.1					T__				---		6935144	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								

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

2021/10/13 11:17:20.99 2.02 0.53 48.7115 20.0781 18.3 6.4 76 0.0f 7 4 218 0.35 0.72 sx BUD 17003106 BUD 331

Magnitude Err Nsta Author OrigID  
ML 1.3 0.3 3 BUD 17003106

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.35	130.0	Pg	11:17:28.812	0.6					T__		93.8		---	ML	1.3	6935257	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.35	130.0	Lg	11:17:33.812	0.1					T__				---		6935258	FDSN	SK	--	BUD	iLoc	EHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
JOS	0.37	125.0	Pg	11:17:28.004	-0.6					T__		48.5		---	ML	1.0	6935259	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.37	125.0	Lg	11:17:34.562	0.2					T__				---		6935260	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.66	153.0	Pg	11:17:34.772	0.0					T__		44.7		---	ML	1.5	6935261	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.66	153.0	Lg	11:17:44.456	-0.6					T__				---		6935263	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	0.72	11.6	Lg	11:17:44.940	-0.0					T__				---		6935262	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/10/13 11:24:59.03 1.32 0.62 47.8831 16.0728 13.5 4.0 34 0.0f 6 4 130 0.15 1.20 sx BUD 17003108 BUD 212

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	287.7	Pg	11:25:02.461	0.2					T__		137.8		_c_	ML	0.9	6935286	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	287.7	Lg	11:25:04.149	-0.4					T__				---		6935291	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.24	140.5	Pg	11:25:04.325	0.3					T__		58.0		---	ML	0.7	6935287	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	140.5	Lg	11:25:07.012	-0.5					T__				---		6935289	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
ARSA	0.73	210.7	Lg	11:25:22.394	-0.1					T__				---		6935290	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	10.2	Sn	11:25:38.739	-0.8					T__				---		6935288	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/10/13 13:05:19.82 4.29 1.20 46.8476 22.7766 34.2 14.2 162 0.0f 7 4 294 0.07 1.56 sx BUD 17003110 BUD 321

Magnitude Err Nsta Author OrigID  
ML 1.9 1.1 3 BUD 17003110

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.07	218.8	Pg	13:05:21.733	0.1					T__		127.2		_c_	ML	0.6	6935312	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.07	218.8	Lg	13:05:23.327	-0.0					T__				---		6935315	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
GZR	1.45	180.0	Pg	13:05:47.686	0.3					T__		35.2		---	ML	1.9	6935314	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.45	180.0	Sn	13:06:06.374	-1.1					T__				---		6935313	FDSN	RO	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 1.47 213.6 Sn 13:06:07.048 -0.2 T__
LOT 1.56 153.4 Pn 13:05:47.605 -1.0 T__ 160.3 --- ML 2.6 6935318 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.56 153.4 Sn 13:06:08.730 -1.8 T__ --- 6935317 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/14 07:17:20.12 0.84 1.33 48.6397 18.5681 5.6 3.2 35 0.0f 18 11 122 0.23 1.40 sx BUD 17003114 BUD 159

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Magnitude Err Nsta Author OrigID
ML 1.7 0.0 9 BUD 17003114

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.23 129.2 Pg 07:17:25.750 0.7 T__ 58.8 --- ML 0.7 6935645 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.23 129.2 Lg 07:17:27.750 -0.9 T__ --- 6935653 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
A331A 0.56 336.0 Pg 07:17:31.500 0.3 T__ 97.9 --- ML 1.8 6935644 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.56 336.0 Lg 07:17:39.062 0.1 T__ --- 6935654 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JAVC 0.63 290.6 Pg 07:17:33.750 0.5 T__ 64.3 --- ML 1.7 6935643 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.63 290.6 Lg 07:17:42.312 -0.9 T__ --- 6935655 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.90 253.2 Lg 07:17:51.463 -0.6 T__ --- 6935656 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.14 128.7 Sn 07:17:57.624 -3.0 T__ --- 6935657 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.16 130.7 Pn 07:17:42.790 0.1 T__ 34.0 --- ML 1.7 6935646 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.16 130.7 Sn 07:17:57.852 -2.6 T__ --- 6935658 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 1.28 96.3 Pn 07:17:44.264 -0.2 T__ 90.1 --- ML 2.2 6935647 FDSN SK -- BUD iLoc EHZ EHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
JOS 1.32 95.5 Pn 07:17:44.853 -0.0 T__ 27.9 --- ML 1.7 6935648 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.32 95.5 Sn 07:18:02.478 -2.0 T__ --- 6935659 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORC 1.32 329.8 Pg 07:17:45.434 0.7 T__ 49.5 --- ML 1.9 6935649 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
NIE 1.38 55.0 Pg 07:17:46.408 0.3 T__ 24.9 --- ML 1.7 6935652 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.38 55.0 Lg 07:18:04.783 -0.8 T__ --- 6935651 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 1.40 110.9 Pn 07:17:46.089 -0.1 T__ 32.9 --- ML 1.8 6935650 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.40 110.9 Sn 07:18:05.214 -1.6 T__ --- 6935660 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/14	07:35:33.52	1.16	0.90	48.0347	20.3477	11.2	4.6	140	0.0f	7	5	190	0.15	0.48	kx	BUD	17003116	BUD				228
2021/10/14	07:35:32.69	0.98	1.20	47.9767	20.3679f				0.0f	7	5	218	0.18	0.53	kx	BUD_GT	17003117	BUD_GT				241

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.18	35.8	Pg	07:35:37.587	0.6					T__		102.9		_c_	ML	0.8	6935704	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	07:35:39.165	-1.3					T__				---		6935705	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																									
PSZ	0.32	259.8	Lg	07:35:45.995	0.4					T__				---		6935706	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.35	253.9	Lg	07:35:46.542	0.5					T__				---		6935707	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.51	8.8	Lg	07:35:49.363	-1.7					T__				---		6935708	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.53	12.4	Pg	07:35:43.925	0.5					T__	25.2			---	ML	1.2	6935710	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	07:35:49.925	-1.7					T__				---		6935709	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/14	07:54:43.47	1.20	1.00	47.3206	18.3219	7.2	4.9	91	0.0f	12	10	107	0.06	1.24	sx	BUD	17003118	BUD					125

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	315.5	Pg	07:54:46.294	0.9					T__		1029.9		_c_	ML	1.5	6935780	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	315.5	Lg	07:54:46.888	-0.4					T__				---		6935779	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
MSW2	0.08	256.4	Lg	07:54:47.411	-0.5					T__				---		6935786	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW1	0.08	329.4	Pg	07:54:46.479	0.7					T__	653.5			---	ML	1.3	6935787	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	329.4	Lg	07:54:47.209	-1.0					T__				---		6935788	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU08A	0.29	292.4	Lg	07:54:53.746	-1.4					T__				---		6935777	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.32	7.3	Lg	07:54:55.365	-0.9					T__				---		6935778	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.13	168.6	Lg	07:55:21.266	-1.0					T__				---		6935781	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.19	61.4	Sn	07:55:23.693	-0.6					T__				---		6935782	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.22	60.1	Sn	07:55:24.382	-1.2					T__				---		6935784	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.22	16.2	Sn	07:55:24.678	-1.0					T__				---		6935785	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.24	187.1	Sn	07:55:25.039	-0.2					T__				---		6935783	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/14	09:45:33.18	1.26	1.27	47.5590	18.4897	10.2	3.3	103	0.0f	9	5	202	0.11	0.96	kx	BUD	17003122	BUD					258
2021/10/14	09:45:33.43	0.94	1.09	47.5600	18.4573f				0.0f	9	5	197	0.09	0.97	kx	BUD_GT	17003123	BUD_GT					245

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

Magnitude Err Nsta Author OrigID  
ML 1.2 0.0 5 BUD\_GT 17003123

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	327.2	Pg	09:45:36.775	0.9					T__		837.0		---	ML	1.5	6935944	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	09:45:37.494	-0.7					T__				---		6935947	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
MSW1	0.21	218.9	Pg	09:45:38.754	0.5					T__		131.5		---	ML	1.0	6935950	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.21	218.9	Lg	09:45:41.455	-1.1					T__				---		6935951	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
CSKK	0.24	214.2	Pg	09:45:39.483	0.8					T__		188.7		---	ML	1.2	6935945	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	09:45:42.742	-0.6					T__				---		6935948	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MSW2	0.31	213.1	Pg	09:45:40.789	0.8					T__		65.9		---	ML	1.0	6935952	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
VYHS	0.97	15.1	Pn	09:45:53.588	0.2					T__		14.7		---	ML	1.2	6935946	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	09:46:05.047	-2.3					T__				---		6935949	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/14	10:00:36.32	0.93	1.50	48.0971	19.0577	4.7	3.7	35	0.0f		14	10	87	0.25	1.20	sx	BUD	17003124	BUD			124

Magnitude Err Nsta Author OrigID  
ML 1.6 0.3 4 BUD 17003124

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.25	186.0	Lg	10:00:47.338	0.9					T__				---		6936045	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
VYHS	0.42	339.7	Pg	10:00:45.910	0.8					T__		21.8		---	ML	0.8	6936040	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.42	339.7	Lg	10:00:51.410	-0.2					T__				---		6936039	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
ET1H	0.59	111.5	Lg	10:00:55.471	-2.4					T__				---		6936041	FDSN	HU	--	BUD	iLoc	HNN	???	_	
PSZ	0.59	107.3	Lg	10:00:59.469	1.2					T__				---		6936048	FDSN	GE	--	BUD	iLoc	HHE	???	_	
HU02A	0.98	88.0	Pn	10:00:57.281	0.9					T__		34.8		---	ML	1.6	6936037	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	88.0	Lg	10:01:10.298	-1.8					T__				---		6936046	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU08A	1.01	229.4	Lg	10:01:10.407	-1.9					T__				---		6936049	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
KECS	1.03	67.4	Pg	10:00:57.372	0.6					T__		90.3		---	ML	2.0	6936042	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.03	67.4	Lg	10:01:12.026	-0.7					T__				---		6936050	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	1.07	67.5	Pn	10:00:57.843	0.4					T__		35.2		---	ML	1.6	6936038	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.07	67.5	Lg	10:01:13.188	-0.7					T__				---		6936047	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

A331A	1.19	332.5	Lg	10:01:16.360	0.4	T__								6936044	FDSN	Z3	00	BUD	iLoc	HHN	???	_
JAVC	1.20	310.1	Lg	10:01:16.017	-2.7	T__								6936043	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/14	10:05:02.76	1.52	0.54	48.4888	20.8020	11.5	5.9	22	0.0f		7	5	210	0.17	0.83	sx	BUD	17003126	BUD			294

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	272.4	Pg	10:05:06.874	0.4					T__		164.3		---	ML	1.0	6936075	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	272.4	Lg	10:05:09.156	-0.3					T__				---		6936076	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.21	268.6	Pg	10:05:07.121	-0.1					T__		270.4		---	ML	1.3	6936078	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	268.6	Lg	10:05:10.309	-0.3					T__				---		6936077	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.35	123.3	Lg	10:05:15.876	-0.4					T__				---		6936079	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.41	206.9	Lg	10:05:18.841	0.5					T__				---		6936080	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.83	227.1	Lg	10:05:32.315	-0.6					T__				---		6936081	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/10/14	10:19:26.98	0.98	1.01	47.8566	20.1601	5.6	3.2	163	0.0f		17	11	106	0.19	1.57	kx	BUD	17003128	BUD					211
2021/10/14	10:19:26.99	0.86	0.87	47.8650	20.1529f				0.0f		17	11	105	0.18	1.56	kx	BUD_GT	17003129	BUD_GT					209

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.1 6 BUD\_GT 17003129

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	10:19:32.486	1.0					T__		652.0		---	ML	1.6	6936115	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:19:34.549	-0.6					T__				---		6936120	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.19	274.4	Pg	10:19:32.486	1.0					T__		455.6		---	ML	1.5	6936116	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	10:19:34.736	-0.2					T__				---		6936121	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU23A	0.24	163.9	Lg	10:19:36.078	-0.6					T__				---		6936122	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.36	44.0	Pg	10:19:35.014	0.2					T__		177.3		---	ML	1.5	6936117	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:19:40.452	-0.5					T__				---		6936123	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU03A	0.37	276.2	Lg	10:19:40.931	-0.2					T__				---		6936124	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.66	19.7	Pn	10:19:41.692	-0.6					T__		98.0		---	ML	1.9	6936126	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.66	19.7	Lg	10:19:50.285	0.0					T__				---		6936125	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
JOS	0.68	22.1	Pg	10:19:41.325	0.7					T__		32.3		---	ML	1.4	6936118	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.68	22.1	Lg	10:19:51.200	0.1	T__								6936127	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=0)																						
HU10A	0.76	268.9	Lg	10:19:52.664	-2.4	T__								6936128	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
ABAH	0.85	59.0	Pg	10:19:43.912	0.0	T__				63.4		ML	1.8	6936119	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	59.0	Lg	10:19:56.693	-0.9	T__								6936129	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
VYHS	1.08	306.0	Lg	10:20:03.661	-1.0	T__								6936130	FDSN	SK	--	BUD	iLoc	HNN	???	_
NIE	1.56	3.5	Lg	10:20:18.050	-0.9	T__								6936131	FDSN	PL	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/14	13:17:35.07	0.96	1.29	48.8894	21.2125	5.2	4.4	155	0.0f		16	9	134	0.59	1.62	sx	BUD	17003130	BUD			226

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	6 BUD	17003130

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.59	178.2	Pg	13:17:48.436	1.5					T__		64.6			ML	1.6	6936206	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.59	178.2	Lg	13:17:54.295	-2.6					T__						6936217	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.60	228.8	Pg	13:17:47.928	1.0					T__		66.9			ML	1.7	6936205	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	228.8	Lg	13:17:54.897	-1.0					T__						6936207	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.63	230.1	Pg	13:17:48.242	0.6					T__		113.0			ML	1.9	6936209	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	230.1	Lg	13:17:55.929	-1.2					T__						6936208	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOLS	0.70	86.0	Pg	13:17:48.849	0.3					T__						6936219	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.70	86.0	Lg	13:17:59.151	-0.7					T__						6936218	FDSN	SK	--	BUD	iLoc	HNN	???	_	
NIE	0.80	311.8	Pg	13:17:50.876	0.7					T__		32.5			ML	1.5	6936211	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.80	311.8	Lg	13:18:00.688	-0.9					T__						6936210	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU02A	0.89	211.0	Pg	13:17:53.806	0.4					T__		42.4			ML	1.6	6936213	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.89	211.0	Lg	13:18:05.431	-1.7					T__						6936212	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.31	222.6	Pn	13:18:00.605	0.8					T__		72.8			ML	2.1	6936215	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.31	222.6	Sn	13:18:17.792	-1.7					T__						6936214	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
ET1H	1.35	222.0	Sn	13:18:18.893	-1.0					T__						6936216	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	1.62	256.8	Sn	13:18:27.300	-0.0					T__						6936220	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/15	07:59:00.95	1.54	1.09	48.0412	19.6458	9.4	4.2	139	0.0f		9	5	219	0.14	0.75	kx	BUD	17003134	BUD			275
2021/10/15	07:59:01.23	0.95	1.21	48.0061	19.6278f				0.0f		9	5	220	0.10	0.78	kx	BUD_GT	17003135	BUD_GT			283

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

Magnitude Err Nsta Author OrigID  
ML 1.2 0.1 5 BUD\_GT 17003135

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU03A	0.10	190.5	Pg	07:59:04.540	0.7					T__		436.8		_c_	ML 1.2	6936308	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.10	190.5	Lg	07:59:06.549	0.5					T__				---		6936311	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
PSZ	0.20	116.0	Pg	07:59:06.334	0.3					T__		192.5		---	ML 1.1	6936310	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	116.0	Lg	07:59:09.164	-0.7					T__				---		6936312	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																								
(Station ML: 1.1 magdef=1)																								
ET1H	0.21	127.7	Pg	07:59:06.887	0.9					T__		89.2		---	ML 0.8	6936314	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.21	127.7	Lg	07:59:09.828	0.1					T__				---		6936313	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=0)																								
HU02A	0.61	78.7	Pg	07:59:14.104	-0.0					T__		45.8		---	ML 1.5	6936309	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.61	78.7	Lg	07:59:20.849	-3.1					T__				---		6936315	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
JOS	0.78	50.9	Pg	07:59:16.572	-0.3					T__		28.8		---	ML 1.4	6936307	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/15	08:16:34.70	0.94	1.01	47.8519	19.1539	9.8	3.0	176	0.0f		13	7	179	0.09	1.13	kx	BUD	17003136	BUD			255
2021/10/15	08:16:34.44	0.91	1.01	47.8355	19.1270f				0.0f		13	7	192	0.07	1.15	kx	BUD_GT	17003137	BUD_GT			258

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

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 6 BUD\_GT 17003137

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU10A	0.07	277.6	Pg	08:16:37.500	1.1					T__		768.8		---	ML 1.4	6936379	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	08:16:38.054	-0.3					T__				---		6936380	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
ET1H	0.50	84.8	Pg	08:16:45.509	0.2					T__		41.7		---	ML 1.3	6936382	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	84.8	Lg	08:16:52.155	-1.0					T__				---		6936381	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
PSZ	0.52	80.6	Pg	08:16:46.519	0.7					T__		54.2		---	ML 1.5	6936384	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	08:16:52.944	-1.3					T__				---		6936383	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
VVHS	0.69	343.6	Lg	08:16:58.240	-0.5					T__				---		6936385	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	0.98	72.5	Pg	08:16:55.103	0.4					T__		40.7		---	ML 1.7	6936387	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	08:17:08.063	-2.2					T__				---		6936386	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 1.12 54.0 Pg 08:16:57.311 0.6 T__ 88.5 ___ ML 2.1 6936389 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.12 54.0 Sn 08:17:12.320 -1.2 T__ ___ 6936388 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
JOS 1.15 54.5 Pg 08:16:57.713 0.4 T__ 54.7 ___ ML 1.9 6936390 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.15 54.5 Sn 08:17:13.443 -0.9 T__ ___ 6936391 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/15 08:18:56.05 4.28 0.81 46.8566 22.6847 30.6 18.8 22 0.0f 6 4 293 0.07 1.47 sx BUD 17003138 BUD 313

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.07 164.4 Pg 08:18:57.815 0.0 T__ 307.1 ___ ML 1.0 6936418 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.07 164.4 Lg 08:18:59.467 0.0 T__ ___ 6936420 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
SIRR 0.92 230.6 Lg 08:19:27.990 -0.0 T__ ___ 6936421 FDSN RO -- BUD iLoc HHN ??? _
BZS 1.44 211.3 Sn 08:19:43.498 0.6 T__ ___ 6936423 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.47 177.5 Pn 08:19:23.236 0.0 T__ 38.3 ___ ML 1.9 6936419 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.47 177.5 Sn 08:19:42.667 -1.2 T__ ___ 6936422 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/15 09:00:04.93 1.07 0.59 48.3936 17.2994 9.0 3.0 118 0.0f 9 5 188 0.02 1.07 sx BUD 17003142 BUD 257

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 3 BUD 17003142

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.02 216.2 Pg 09:00:06.375 0.3 T__ _c_ 6936480 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.02 216.2 Lg 09:00:06.915 -0.4 T__ ___ 6936479 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.53 27.7 Pg 09:00:16.261 0.3 T__ 134.5 ___ ML 1.9 6936482 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.53 27.7 Lg 09:00:23.974 -0.5 T__ ___ 6936481 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KRUC 0.90 318.5 Pg 09:00:22.863 0.7 T__ 34.6 ___ ML 1.5 6936486 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.90 318.5 Lg 09:00:34.493 -0.9 T__ ___ 6936487 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
RONA 0.97 224.5 Pg 09:00:24.078 -0.0 T__ 49.2 ___ ML 1.7 6936485 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.97 224.5 Lg 09:00:36.498 -0.3 T__ ___ 6936483 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CONA 1.07 244.7 Lg 09:00:39.833 -0.0 T__ ___ 6936484 FDSN OE -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/15	09:12:22.60	1.08	1.76	47.2464	18.3620	8.3	4.7	57	0.0f		11	9	93	0.12	1.24	kx	BUD	17003144	BUD			129
2021/10/15	09:12:22.85	0.94	1.46	47.2302	18.2835f				0.0f		11	9	97	0.09	1.29	kx	BUD_GT	17003145	BUD_GT			158

(locality : Iszkaszentgyörgy Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.0	3 BUD_GT	17003145

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW2	0.09	325.6	Lg	09:12:26.607	-1.1					T__						6936547	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.13	353.3	Pg	09:12:26.154	-0.0					T__		175.2			ML	0.9	6936540	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:12:27.822	-1.5					T__						6936541	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MSW1	0.16	354.2	Pg	09:12:27.302	0.6					T__		121.8			ML	0.8	6936549	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.16	354.2	Lg	09:12:29.121	-1.2					T__						6936548	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
MSW3	0.19	325.1	Pg	09:12:29.795	2.6					T__		118.3			ML	0.9	6936550	FDSN	HU	--	BUD	iLoc	HHN	HHZ	_
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MPLH	0.51	263.5	Lg	09:12:40.307	-1.2					T__						6936542	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A272A	0.67	135.9	Lg	09:12:45.159	-2.5					T__						6936543	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	1.05	166.2	Lg	09:12:58.315	-0.6					T__						6936544	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ET1H	1.26	58.3	Sn	09:13:04.194	-1.1					T__						6936545	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.29	57.1	Sn	09:13:06.534	-0.1					T__						6936546	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/15	09:55:40.80	2.74	0.73	46.7906	22.7819	23.5	6.7	34	0.0f		9	5	241	0.05	1.51	sx	BUD	17003146	BUD			276

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 BUD	17003146

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.05	271.2	Pg	09:55:42.271	0.1					T__		398.1			ML	1.0	6936578	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.05	271.2	Lg	09:55:43.525	-0.0					T__						6936579	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SIRR	0.93	236.4	Lg	09:56:12.575	-0.6					T__						6936580	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.40	180.1	Pg	09:56:07.707	0.4					T__		52.4			ML	2.0	6936582	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.40	180.1	Sn	09:56:26.594	-0.4					T__						6936581	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BZS	1.43	215.0	Pg	09:56:08.352	0.0					T__		46.7			ML	2.0	6936583	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.43	215.0	Sn	09:56:27.127	-0.0					T__						6936584	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
LOT	1.51	152.6	Pg	09:56:09.278	-0.2					T__		67.5			ML	2.2	6936586	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_



KECS	0.82	249.0	Pg	11:58:34.377	1.0	T__	195.6	---	ML	2.2	6936926	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.82	249.0	Lg	11:58:45.326	-0.3	T__		---			6936925	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
TRPA	0.89	136.9	Pg	11:58:35.449	1.1	T__	106.1	---	ML	2.0	6936934	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.89	136.9	Lg	11:58:49.243	0.5	T__		---			6936935	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU02A	0.99	228.6	Pn	11:58:36.904	-0.4	T__	71.7	---	ML	1.9	6936927	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	228.6	Lg	11:58:49.478	-2.9	T__		---			6936928	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
NIE	1.08	306.5	Pn	11:58:38.949	0.1	T__	39.6	---	ML	1.7	6936929	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.08	306.5	Lg	11:58:51.937	-1.7	T__		---			6936936	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
PSZ	1.45	234.0	Sn	11:59:04.037	-0.8	T__		---			6936930	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.48	233.1	Sn	11:59:04.999	-0.3	T__		---			6936931	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/15	15:53:36.96	1.03	1.45	48.8704	21.6950	9.2	5.2	161	0.0f		12	8	138	0.39	1.93	sx	BUD	17003154	BUD			201

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3 BUD	17003154

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
KOLS	0.39	80.4	Pg	15:53:44.555	-0.0					T__						6936972	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.39	80.4	Lg	15:53:49.927	-1.2					T__						6936971	FDSN	SK	--	BUD	iLoc	HHN	???	_
ABAH	0.65	207.9	Lg	15:53:59.103	-1.6					T__						6936979	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	0.85	244.4	Pn	15:53:56.111	1.0					T__	49.9					6936980	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.85	244.4	Lg	15:54:05.268	-1.3					T__						6936973	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KECS	0.89	244.7	Lg	15:54:06.545	-1.3					T__						6936974	FDSN	SK	--	BUD	iLoc	EHN	???	_
TRPA	0.93	142.5	Pg	15:53:56.428	1.5					T__	45.6					6936976	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.93	142.5	Lg	15:54:09.173	-0.6					T__						6936975	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
NIE	1.07	301.4	Lg	15:54:14.257	1.4					T__						6936981	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	1.08	226.5	Pn	15:53:59.890	1.5					T__	27.8					6936982	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.08	226.5	Lg	15:54:12.907	-2.0					T__						6936977	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
VYHS	1.93	259.8	Lg	15:54:40.966	-0.3					T__						6936978	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/16	23:35:27.68	2.39	0.58	45.9275	18.6657	15.8	7.2	175	10.0f		6	4	253	0.29	0.66	ke	BUD	17003156	BUD				296

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MORH	0.29	356.9	Pg	23:35:34.112	0.3					T__		54.0		_c_	ML	0.8	6937212	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.29	356.9	Lg	23:35:38.349	-0.1					T__				---		6937215	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
KOVH	0.43	292.4	Lg	23:35:42.115	-0.5					T__				---		6937211	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU22A	0.51	38.8	Pg	23:35:38.324	0.3					T__		98.5		---	ML	1.7	6937210	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.51	38.8	Lg	23:35:45.715	-0.7					T__				---		6937213	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A266A	0.66	335.2	Lg	23:35:50.229	-0.1					T__				---		6937214	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/17	23:20:25.64	1.27	0.82	48.1566	22.6378	9.2	7.2	25	6.4	10.1	54	27	127	0.07	2.82	ke	BUD	17003158	BUD			146

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	20 BUD	17003158

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TRPA	0.07	248.4	Pg	23:20:28.321	0.7					T__		5816.4		_d_	ML	2.3	6937522	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.07	248.4	Lg	23:20:29.851	0.5					T__				---		6937523	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU07A	0.52	250.4	Pg	23:20:37.158	1.3					T__		746.4		---	ML	2.6	6937521	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
BMR	0.75	129.6	Pg	23:20:40.163	-0.2					T__		2184.6		---	ML	3.3	6937528	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BMR	0.75	129.6	Lg	23:20:50.506	-1.4					T__				---		6937539	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=0)																									
KOLS	0.81	342.8	Pn	23:20:42.939	0.2					T__				---		6937524	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.81	342.8	Lg	23:20:53.919	0.1					T__				---		6937540	FDSN	SK	--	BUD	iLoc	HHN	???	_	
LTVH	0.92	213.1	Pg	23:20:44.316	0.2					T__		243.0		---	ML	2.4	6937525	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
LTVH	0.92	213.1	Sn	23:20:57.251	-1.2					T__				---		6937561	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
ABAH	0.95	279.0	Pn	23:20:44.330	0.1					T__		367.0		---	ML	2.6	6937520	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.95	279.0	Lg	23:20:57.553	-0.6					T__				---		6937541	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
DRGR	1.37	177.9	Pn	23:20:50.442	-0.0					T__		103.4		---	ML	2.3	6937529	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.37	177.9	Pg	23:20:51.882	-0.3					T__				---		6937543	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
DRGR	1.37	177.9	Sn	23:21:08.248	-1.8					T__				---		6937542	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
HU02A	1.42	269.4	Pn	23:20:51.856	0.9					T__		96.0		---	ML	2.3	6937554	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.42	269.4	Sn	23:21:10.567	-0.2					T__				---		6937553	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
JOS	1.44	284.4	Pn	23:20:51.489	0.3					T__		91.5		---	ML	2.3	6937555	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.44	284.4	Sn	23:21:11.612	0.5					T__				---		6937556	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									



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GZR 2.77 178.0 Lg 23:21:54.042 0.0 T__ --- 6937568 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
LOT 2.82 163.6 Pn 23:21:10.651 -0.7 T__ 66.0 --- ML 2.9 6937569 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 2.82 163.6 Pg 23:21:18.338 -0.7 T__ --- 6937570 FDSN RO -- BUD iLoc HHZ ??? _
LOT 2.82 163.6 Sn 23:21:45.780 -0.1 T__ --- 6937571 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.9 magdef=1
(Station ML: 2.9 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/18 06:33:55.10 1.84 0.72 48.2359 21.2178 13.0 4.4 139 0.0f 9 5 130 0.06 1.76 sx BUD 17003162 BUD 242

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Magnitude Err Nsta Author OrigID
ML 1.4 0.4 4 BUD 17003162

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.06 13.6 Pg 06:33:57.294 0.4 T__ 337.2 --- ML 1.0 6937691 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.06 13.6 Lg 06:33:57.634 -1.1 T__ --- 6937692 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.48 256.5 Pg 06:34:05.396 0.1 T__ 41.6 --- ML 1.2 6937693 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 256.5 Lg 06:34:12.268 -0.8 T__ --- 6937694 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
JOS 0.52 300.2 Pg 06:34:06.221 0.6 T__ 59.8 --- ML 1.5 6937695 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 300.2 Lg 06:34:13.147 -0.5 T__ --- 6937696 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
KECS 0.55 297.2 Pg 06:34:06.733 0.6 T__ 86.3 --- ML 1.7 6937697 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.55 297.2 Lg 06:34:14.073 -0.5 T__ --- 6937690 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 1.76 144.4 Sn 06:34:50.114 -0.1 T__ --- 6937698 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/18 07:18:53.69 1.17 0.83 47.9782 16.6420 9.4 4.9 126 0.0f 8 6 173 0.36 1.12 sx BUD 17003164 BUD 182

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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 0.36 220.0 Pg 07:19:01.363 0.2 T__ 58.4 --- ML 1.1 6937723 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.36 220.0 Lg 07:19:05.323 -0.9 T__ --- 6937724 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
CONA 0.53 264.8 Pg 07:19:04.513 0.3 T__ 45.9 --- ML 1.4 6937726 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.53 264.8 Lg 07:19:10.772 -0.5 T__ --- 6937725 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MODS 0.58 46.8 Lg 07:19:14.887 -0.2 T__ --- 6937727 FDSN SK -- BUD iLoc HHN ??? _
ARSA 1.05 226.5 Lg 07:19:27.893 0.7 T__ --- 6937728 FDSN OE -- BUD iLoc HHN ??? _

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KRUC	1.10	351.5	Lg	07:19:30.838	-0.1	T__								6937729	FDSN	CZ	--	BUD	iLoc	HHN	???	_
JAVC	1.12	37.5	Sn	07:19:32.185	-1.3	T__								6937730	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/18	09:01:21.29	1.05	1.06	48.5332	20.8008	6.1	3.7	10	0.0f		13	9	87	0.18	1.31	sx	BUD	17003166	BUD			158

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.0	4 BUD	17003166

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	257.9	Pg	09:01:25.520	0.5					T__		258.5		---	ML	1.2	6937886	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	257.9	Lg	09:01:27.950	-0.1					T__				---		6937878	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.22	256.7	Pg	09:01:26.309	0.5					T__		651.0		---	ML	1.7	6937879	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	256.7	Lg	09:01:29.161	-0.2					T__				---		6937887	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.38	128.9	Pg	09:01:29.716	0.6					T__		73.7		---	ML	1.2	6937880	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	128.9	Lg	09:01:35.116	-0.6					T__				---		6937888	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.45	204.2	Pg	09:01:31.228	0.4					T__		42.7		---	ML	1.2	6937889	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	204.2	Lg	09:01:37.846	-0.4					T__				---		6937881	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.86	224.9	Lg	09:01:51.236	-1.3					T__				---		6937882	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.90	223.9	Lg	09:01:52.433	-1.0					T__				---		6937883	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.95	339.7	Lg	09:01:51.885	-0.7					T__				---		6937890	FDSN	PL	--	BUD	iLoc	BHE	???	_	
KOLS	1.05	67.1	Lg	09:01:55.709	-2.0					T__				---		6937884	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VVHS	1.31	269.0	Sn	09:02:03.884	-1.6					T__				---		6937885	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/18	09:17:00.17	0.97	1.27	46.0564	22.0301	6.9	4.6	47	0.0f		9	5	96	0.33	1.36	sx	BUD	17003168	BUD			178

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	17003168

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.33	309.5	Pg	09:17:07.924	0.6					T__		90.3		---	ML	1.2	6937959	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.33	309.5	Lg	09:17:12.064	-0.9					T__				---		6937960	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
BZS	0.53	213.5	Lg	09:17:17.240	-1.0					T__				---		6937961	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.84	141.5	Pg	09:17:16.883	0.6					T__		42.0		---	ML	1.6	6937963	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.84	141.5	Lg	09:17:28.153	-0.0					T__				---		6937962	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.87	32.4	Pg	09:17:17.963	0.3					T__		51.3		---	ML	1.7	6937958	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.87	32.4	Lg	09:17:29.275	-1.4					T__				---		6937964	FDSN	RO	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1  
 LOT 1.36 115.9 Pn 09:17:27.165 0.9 T\_\_ 45.2 \_\_\_ ML 1.9 6937966 FDSN RO -- BUD iLoc HHZ HHZ \_  
 LOT 1.36 115.9 Lg 09:17:43.725 -2.1 T\_\_ \_\_\_ 6937965 FDSN RO -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/18	09:21:07.30	1.29	0.53	47.8734	16.0756	13.5	4.0	35	0.0f	5	3	208	0.15	0.73	sx	BUD	17003170	BUD				288

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
CONA	0.15	291.0	Pg	09:21:10.873	0.3					T__		43.7		___	ML	0.4 6937991	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	0.15	291.0	Lg	09:21:12.410	-0.6					T__				___		6937990	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.4 magdef=1 (Station ML: 0.4 magdef=1																										
RONA	0.23	139.3	Pg	09:21:12.342	0.2					T__		33.1		___	ML	0.5 6937989	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.23	139.3	Lg	09:21:15.188	-0.4					T__				___		6937992	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.5 magdef=1 (Station ML: 0.5 magdef=1																										
ARSA	0.73	211.2	Lg	09:21:30.448	-0.1					T__				___		6937993	FDSN	OE	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/18	10:30:54.53	0.85	0.94	48.4135	17.2745	4.6	3.4	134	0.0f	16	9	86	0.04	1.26	sx	BUD	17003172	BUD					131

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 7 BUD 17003172

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
MODS	0.04	177.2	Pg	10:30:56.441	0.4					T__				_c_		6938027	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.04	177.2	Lg	10:30:57.158	-0.4					T__				___		6938032	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.52	30.4	Pg	10:31:05.415	0.0					T__	122.6			___	ML	1.8 6938028	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	0.52	30.4	Lg	10:31:11.781	-2.0					T__				___		6938033	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																										
KRUC	0.87	318.4	Pg	10:31:12.181	0.9					T__		40.2		___	ML	1.6 6938037	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
KRUC	0.87	318.4	Lg	10:31:22.473	-1.7					T__				___		6938036	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
A331A	0.97	40.0	Pg	10:31:15.133	1.6					T__	58.0			___	ML	1.8 6938029	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A331A	0.97	40.0	Lg	10:31:26.612	-0.2					T__				___		6938035	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										
RONA	0.97	222.9	Pg	10:31:13.900	0.1					T__	30.1			___	ML	1.5 6938038	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.97	222.9	Lg	10:31:26.313	-0.1					T__				___		6938034	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																										
VRAC	1.00	333.6	Pg	10:31:14.082	0.6					T__	12.8			___	ML	1.2 6938039	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
(Reading ML: 1.2 magdef=1																										

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(Station ML: 1.2 magdef=0
VYHS 1.04 85.0 Pg 10:31:15.886 0.3 T__ 15.3 ___ ML 1.3 6938030 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.04 85.0 Lg 10:31:30.106 -0.5 T__ ___ 6938042 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CONA 1.06 243.3 Pg 10:31:15.721 0.2 T__ 32.6 ___ ML 1.6 6938040 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.06 243.3 Lg 10:31:29.318 0.0 T__ ___ 6938041 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MPLH 1.26 171.7 Sn 10:31:36.800 -0.2 T__ ___ 6938031 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/18 11:51:18.03 2.13 1.37 48.5537 20.8230 14.7 5.9 23 0.0f 8 5 224 0.20 1.32 sx BUD 17003176 BUD 296

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17003176

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.20 253.0 Pg 11:51:22.490 0.3 T__ 159.9 ___ ML 1.1 6938119 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 253.0 Lg 11:51:25.068 -0.4 T__ ___ 6938123 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.24 252.7 Pg 11:51:23.222 0.3 T__ 303.1 ___ ML 1.4 6938120 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 252.7 Lg 11:51:26.265 -0.5 T__ ___ 6938124 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ABAH 0.38 132.7 Lg 11:51:31.742 -0.8 T__ 56.7 ___ ML 1.4 6938122 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.48 204.8 Pg 11:51:28.811 0.7 T__ ___ 6938121 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.48 204.8 Lg 11:51:35.073 -0.7 T__ ___ 6938121 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 1.32 268.2 Sn 11:51:59.913 -2.7 T__ ___ 6938126 FDSN SK -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/18 12:33:12.76 0.84 0.82 47.8059 17.8911 3.4 3.2 149 0.0f 18 11 76 0.37 1.37 sx BUD 17003178 BUD 126

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 7 BUD 17003178

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU09A 0.37 116.6 Pg 12:33:21.533 1.0 T__ 179.8 ___ ML 1.6 6938191 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.37 116.6 Lg 12:33:26.573 -0.6 T__ ___ 6938187 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A 0.38 176.6 Pg 12:33:20.929 0.3 T__ 137.3 ___ ML 1.5 6938190 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU08A 0.38 176.6 Lg 12:33:26.522 -0.6 T__ ___ 6938186 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
CSKK 0.51 150.4 Pg 12:33:23.505 0.3 T__ 110.2 ___ ML 1.8 6938192 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.51 150.4 Lg 12:33:31.079 -0.8 T__ ___ 6938193 FDSN HU -- BUD iLoc HHN ??? _

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(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
EGYH 0.54 224.4 Pg 12:33:24.583 0.6 T__ 163.1 ___ ML 2.0 6938194 FDSN HU -- BUD iLoc HHZ HHZ _
EGYH 0.54 224.4 Lg 12:33:31.547 -0.8 T__ ___ 6938201 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
MPLH 0.68 200.7 Lg 12:33:36.112 -0.7 T__ ___ 6938195 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.76 86.6 Lg 12:33:39.713 -1.0 T__ ___ 6938196 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.94 42.2 Pg 12:33:32.418 0.7 T__ 13.0 ___ ML 1.1 6938188 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.94 42.2 Lg 12:33:45.042 -0.4 T__ ___ 6938189 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
JAVC 1.06 352.1 Pg 12:33:35.098 0.6 T__ 51.3 ___ ML 1.8 6938184 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.06 352.1 Lg 12:33:48.771 -2.0 T__ ___ 6938197 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
RONA 1.08 265.0 Pg 12:33:34.488 0.3 T__ 45.3 ___ ML 1.8 6938185 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.08 265.0 Lg 12:33:48.805 0.5 T__ ___ 6938198 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZ 1.35 84.5 Sn 12:33:58.261 0.0 T__ ___ 6938200 FDSN GE -- BUD iLoc HHN ??? _
CONA 1.37 275.9 Lg 12:33:57.111 -0.3 T__ ___ 6938199 FDSN OE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/19 07:37:24.72 0.98 0.86 48.8054 16.1534 8.3 4.3 123 0.0f 10 8 88 0.30 1.58 sx BUD 17003182 BUD 132

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Magnitude Err Nsta Author OrigID
ML 1.3 0.6 4 BUD 17003182

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KRUC 0.30 31.8 Pg 07:37:31.169 0.5 T__ 56.0 ___ ML 0.9 6938420 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.30 31.8 Lg 07:37:34.693 -0.6 T__ ___ 6938423 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
A008A 0.55 217.5 Pg 07:37:35.396 0.1 T__ 69.0 ___ ML 1.6 6938422 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VRAC 0.58 29.7 Pg 07:37:36.249 0.5 T__ 14.5 ___ ML 1.0 6938421 FDSN CZ -- BUD iLoc HHZ HHZ _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
JAVC 1.00 86.4 Lg 07:37:58.808 -1.5 T__ ___ 6938424 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.11 175.0 Pg 07:37:46.906 0.2 T__ 51.6 ___ ML 1.8 6938418 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 1.11 175.0 Lg 07:38:01.804 0.7 T__ ___ 6938419 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
CKRC 1.22 271.4 Lg 07:38:03.160 -1.2 T__ ___ 6938425 FDSN CZ -- BUD iLoc HHN ??? _
MORC 1.33 42.6 Lg 07:38:07.702 -0.2 T__ ___ 6938426 FDSN CZ -- BUD iLoc HHN ??? _
PRU 1.58 319.0 Sn 07:38:14.421 -0.2 T__ ___ 6938427 FDSN CZ -- BUD iLoc HHN ??? _

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

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2021/10/19 07:47:50.22 2.32 1.10 47.7693 19.9316 13.9 5.6 4 0.0f 11 7 242 0.12 1.02 kx BUD 17003184 BUD 281  
 2021/10/19 07:47:51.52 0.92 0.84 47.8362 19.9346f 0.0f 11 7 225 0.06 0.99 kx BUD\_GT 17003185 BUD\_GT 253  
 (locality : Gyöngyössolymos Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.2 4 BUD\_GT 17003185

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.06	315.2	Pg	07:47:54.145	0.8					T__		4026.6		_c_	ML	2.1	6938459	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.06	315.2	Lg	07:47:54.982	-0.1					T__				---		6938461	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PSZ	0.09	341.8	Pg	07:47:54.645	0.6					T__		2887.9		_c_	ML	2.0	6938457	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.09	341.8	Lg	07:47:56.195	-0.2					T__				---		6938462	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU03A	0.24	286.8	Lg	07:47:59.221	-1.6					T__				---		6938463	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.49	54.0	Pg	07:48:01.457	-0.5					T__		49.3		---	ML	1.4	6938460	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	54.0	Lg	07:48:09.266	-0.7					T__				---		6938464	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.75	29.5	Lg	07:48:18.176	0.4					T__				---		6938465	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.77	31.3	Pn	07:48:08.484	-0.0					T__		70.5		---	ML	1.8	6938458	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	31.3	Lg	07:48:19.034	0.3					T__				---		6938466	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.99	61.8	Sn	07:48:25.703	-1.6					T__				---		6938467	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/10/19 07:55:49.65 1.35 1.47 47.4136 18.3531 12.8 4.4 124 0.0f 12 10 105 0.08 1.34 sx BUD 17003186 BUD 122

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.08	231.3	Pg	07:55:52.535	0.6					T__		2596.9		---	ML	1.9	6938496	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	231.3	Lg	07:55:53.424	-0.8					T__				---		6938497	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU09A	0.23	5.0	Lg	07:55:58.728	-0.4					T__				---		6938498	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
HU08A	0.29	273.6	Lg	07:56:01.139	-0.2					T__				---		6938499	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.61	246.6	Lg	07:56:10.463	-0.9					T__				---		6938500	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.13	65.0	Sn	07:56:26.896	-2.1					T__				---		6938501	FDSN	HU	--	BUD	iLoc	HHE	???	_	
VYHS	1.13	16.5	Lg	07:56:28.663	-0.3					T__				---		6938505	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.16	63.6	Sn	07:56:28.398	-1.8					T__				---		6938502	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MODS	1.20	323.4	Sn	07:56:31.425	0.1					T__				---		6938506	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.22	170.5	Pn	07:56:12.860	0.3					T__		30.7		---	ML	1.7	6938504	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.22	170.5	Sn	07:56:28.257	-2.5					T__				---		6938503	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOVH	1.34	187.6	Sn	07:56:32.015	-1.8					T__				---		6938507	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/19	08:45:30.59	0.97	1.24	48.2481	21.2218	6.6	4.1	162	0.0f	17	10	103	0.05	1.77	kx	BUD	17003188	BUD				151
2021/10/19	08:45:30.20	0.88	1.02	48.2470	21.2460f				0.0f	17	10	103	0.05	1.76	kx	BUD_GT	17003189	BUD_GT				151

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD_GT	17003189

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	08:45:32.167	0.4					T__		6021.9		_c_	ML	2.2	6938541	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	08:45:32.887	-0.5					T__				---		6938542	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
HU02A	0.50	255.8	Pg	08:45:41.187	0.4					T__		71.5		---	ML	1.5	6938543	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	08:45:47.792	-1.1					T__				---		6938557	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
JOS	0.53	298.1	Pg	08:45:42.018	1.1					T__		72.4		---	ML	1.6	6938544	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	08:45:48.774	-0.3					T__				---		6938545	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KECS	0.56	295.3	Lg	08:45:49.398	-0.6					T__				---		6938546	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TRPA	0.87	97.2	Pn	08:45:48.405	-0.1					T__		103.6		---	ML	2.0	6938547	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	08:46:00.811	-0.8					T__				---		6938548	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
PSZ	0.96	250.6	Pn	08:45:50.388	0.4					T__		70.9		---	ML	1.9	6938552	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	08:46:03.514	-1.4					T__				---		6938551	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
KOLS	0.97	44.4	Pn	08:45:50.598	0.5					T__				---		6938550	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	44.4	Lg	08:46:03.004	-1.5					T__				---		6938549	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	248.7	Pg	08:45:51.396	0.4					T__		54.3		---	ML	1.8	6938553	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	08:46:04.190	-1.3					T__				---		6938554	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
NIE	1.33	332.3	Lg	08:46:13.213	-1.6					T__				---		6938555	FDSN	PL	--	BUD	iLoc	BHN	???	_	
DRGR	1.76	145.2	Sn	08:46:27.164	1.9					T__				---		6938556	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/19	08:55:18.71	0.98	1.36	45.9909	22.7839	7.0	4.0	54	0.0f	10	6	131	0.14	0.90	sx	BUD	17003190	BUD				197

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	4 BUD	17003190

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.14	142.2	Pg	08:55:21.450	0.1					T__		906.2		---	ML	1.6	6938591	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.14	142.2	Lg	08:55:23.140	-0.1					T__				---		6938593	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

```

(Station ML: 1.6 magdef=1
GZR 0.60 180.5 Pg 08:55:30.488 0.3 T__ 62.2 --- ML 1.6 6938592 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.60 180.5 Lg 08:55:38.948 0.2 T__ --- 6938594 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.80 356.4 Pg 08:55:35.790 0.9 T__ 53.9 --- ML 1.7 6938590 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.80 356.4 Lg 08:55:44.147 -3.0 T__ --- 6938595 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SIRR 0.83 289.9 Pg 08:55:35.558 -0.1 T__ 53.5 --- ML 1.7 6938598 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.83 289.9 Lg 08:55:46.912 -0.8 T__ --- 6938597 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT 0.88 127.8 Lg 08:55:46.960 -1.5 T__ --- 6938596 FDSN RO -- BUD iLoc HHN ??? _
BZS 0.90 245.8 Lg 08:55:49.243 0.3 T__ --- 6938599 FDSN RO -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/19	09:10:47.65	0.96	1.01	46.0977	22.0466	5.4	4.4	47	0.0f	9	5	90	0.32	0.87	sx	BUD	17003192	BUD				181

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	4 BUD	17003192

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SIRR 0.32 302.4 Pg 09:10:55.096 0.6 T__ 102.4 --- ML 1.2 6938630 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.32 302.4 Lg 09:10:59.442 -0.5 T__ --- 6938628 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
BZS 0.57 212.1 Pg 09:10:59.067 0.2 T__ 35.4 --- ML 1.4 6938631 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.57 212.1 Lg 09:11:05.910 -1.1 T__ --- 6938632 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
DEV 0.63 109.4 Lg 09:11:08.642 -0.0 T__ --- 6938633 FDSN RO -- BUD iLoc HHN ??? _
DRGR 0.83 33.3 Pg 09:11:04.380 0.0 T__ 42.6 --- ML 1.6 6938627 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.83 33.3 Lg 09:11:15.042 -1.9 T__ --- 6938635 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
GZR 0.87 143.8 Pg 09:11:04.959 0.7 T__ 45.7 --- ML 1.6 6938634 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.87 143.8 Lg 09:11:16.085 -0.4 T__ --- 6938629 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/19	09:47:47.42	1.10	1.58	48.9694	20.1512	14.5	3.5	82	0.0f	12	8	159	0.46	1.27	sx	BUD	17003194	BUD				182

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	17003194

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
NIE 0.46 12.2 Pg 09:47:56.875 0.7 T__ 52.2 --- ML 1.3 6938701 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.46 12.2 Lg 09:48:01.640 -1.1 T__ --- 6938702 FDSN PL -- BUD iLoc BHN ??? _

```

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.53 155.4 Pg 09:47:59.252 1.1 T__ 139.5 ___ ML 1.9 6938698 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.53 155.4 Lg 09:48:05.403 -0.8 T__ ___ 6938700 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 0.54 151.4 Pg 09:47:59.761 1.6 T__ 126.0 ___ ML 1.9 6938697 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.54 151.4 Lg 09:48:06.099 -0.2 T__ ___ 6938699 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.88 163.5 Pg 09:48:05.673 0.1 T__ 41.8 ___ ML 1.6 6938706 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.88 163.5 Lg 09:48:17.395 -1.7 T__ ___ 6938703 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ABAH 0.99 132.6 Lg 09:48:18.467 -3.0 T__ ___ 6938707 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.07 189.3 Lg 09:48:23.837 -1.6 T__ ___ 6938704 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.11 189.8 Sn 09:48:25.142 -1.3 T__ ___ 6938705 FDSN HU -- BUD iLoc HHN ??? _
OJC 1.27 349.7 Lg 09:48:28.536 -0.3 T__ ___ 6938708 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/19 10:19:40.75 1.10 1.14 48.5306 20.7758 7.0 3.7 11 0.0f 11 8 146 0.16 1.29 sx BUD 17003196 BUD 221

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.0 3 BUD 17003196

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.16 257.6 Pg 10:19:44.496 0.3 T__ 352.1 ___ ML 1.3 6938739 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.16 257.6 Lg 10:19:47.110 0.2 T__ ___ 6938738 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.20 256.3 Pg 10:19:45.446 0.5 T__ 778.9 ___ ML 1.7 6938741 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 256.3 Lg 10:19:48.274 0.0 T__ ___ 6938740 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.39 127.0 Pg 10:19:49.605 0.8 T__ 86.6 ___ ML 1.3 6938742 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.39 127.0 Lg 10:19:53.814 -1.7 T__ ___ 6938743 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU02A 0.44 202.4 Lg 10:19:56.860 -0.5 T__ ___ 6938744 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.85 224.2 Lg 10:20:10.321 -1.2 T__ ___ 6938745 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.89 223.2 Lg 10:20:11.560 -0.9 T__ ___ 6938747 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.94 340.7 Lg 10:20:10.756 -1.2 T__ ___ 6938746 FDSN PL -- BUD iLoc BHN ??? _
VVHS 1.29 269.1 Sn 10:20:22.952 -1.6 T__ ___ 6938748 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/20 04:23:52.16 1.27 0.77 47.9205 18.9345 7.6 5.9 65 10.0f 8 5 210 0.09 0.65 ke BUD 17003198 BUD 306

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17003198

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.09	143.0	Pg	04:23:55.484	0.5					T__		712.6		_c_	ML	1.4	6938852	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.09	143.0	Lg	04:23:56.391	-0.9					T__						6938854	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU03A	0.45	91.9	Pg	04:24:02.392	0.7					T__		64.1		---	ML	1.4	6938853	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.45	91.9	Lg	04:24:08.780	0.3					T__						6938855	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VVHS	0.58	353.5	Lg	04:24:11.995	-0.5					T__						6938856	FDSN	SK	--	BUD	iLoc	HHE	???	_	
ET1H	0.63	93.4	Pg	04:24:05.241	-0.2					T__		49.3		---	ML	1.5	6938859	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.63	93.4	Lg	04:24:14.153	-0.5					T__						6938857	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.65	89.8	Lg	04:24:14.650	-0.9					T__						6938858	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/20	07:15:06.74	1.05	1.54	48.4343	21.4981	8.9	4.3	149	0.0f		11	8	129	0.22	1.22	sx	BUD	17003200	BUD			197

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.22	231.3	Pg	07:15:12.417	0.8					T__		466.1		---	ML	1.6	6938886	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.22	231.3	Lg	07:15:14.792	-1.0					T__						6938888	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.64	275.9	Pg	07:15:20.224	0.7					T__		48.2		---	ML	1.5	6938889	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	275.9	Lg	07:15:28.474	-0.8					T__						6938887	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.68	274.5	Lg	07:15:29.719	-0.7					T__						6938890	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.72	45.5	Pg	07:15:21.128	0.6					T__						6938892	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.72	45.5	Lg	07:15:30.753	-1.5					T__						6938891	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.72	244.7	Lg	07:15:30.893	-2.1					T__						6938893	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
TRPA	0.76	113.2	Lg	07:15:32.970	-1.4					T__						6938894	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.19	244.9	Sn	07:15:45.749	-2.4					T__						6938895	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.22	243.6	Sn	07:15:47.436	-1.0					T__						6938896	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/20	07:50:04.89	1.13	0.06	48.0763	16.2867	7.8	5.2	97	0.0f		6	3	174	0.32	0.99	sx	BUD	17003202	BUD			296

Magnitude Err Nsta Author OrigID  
ML 1.1 0.2 3 BUD 17003202

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.32	242.7	Pg	07:50:11.486	0.0					T__		61.5		---	ML	1.0	6938939	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.32	242.7	Lg	07:50:15.845	-0.1					T__						6938941	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.38	179.0	Pg	07:50:12.589	-0.0					T__		59.1		---	ML	1.1	6938940	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

RONA 0.38 179.0 Lg 07:50:17.886 0.0 T\_\_ --- 6938938 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.1 magdef=1  
 (Station ML: 1.1 magdef=1  
 KRUC 0.99 4.1 Pg 07:50:23.881 -0.0 T\_\_ 59.6 --- ML 1.8 6938942 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 KRUC 0.99 4.1 Lg 07:50:38.536 0.0 T\_\_ --- 6938943 FDSN CZ -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/20	08:14:52.50	0.93	1.34	47.4965	18.6777	8.8	3.1	165	0.0f	9	7	151	0.24	1.39	kx	BUD	17003204	BUD				180
2021/10/20	08:14:52.49	0.92	1.26	47.4680	18.6970f				0.0f	9	7	164	0.22	1.40	kx	BUD_GT	17003205	BUD_GT				188

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BUD	0.22	85.9	Pg	08:14:58.715	1.1					T__		162.6		---	ML	1.1	6938991	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BUD	0.22	85.9	Lg	08:15:01.715	-0.2					T__				---		6938992	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
CSKK	0.31	250.7	Pg	08:14:59.966	0.7					T__		203.0		---	ML	1.5	6938993	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.31	250.7	Lg	08:15:03.795	-1.3					T__				---		6938985	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU08A	0.53	266.3	Lg	08:15:10.734	-1.3					T__				---		6938986	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.89	62.2	Lg	08:15:23.114	-1.5					T__				---		6938987	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.93	60.4	Lg	08:15:24.418	-1.8					T__				---		6938988	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.03	5.1	Lg	08:15:27.758	-0.7					T__				---		6938989	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	1.40	61.4	Sn	08:15:39.697	1.2					T__				---		6938990	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/20	09:19:54.74	1.82	1.08	47.2884	18.2091	16.4	6.9	154	0.0f	4	3	230	0.08	0.47	kx	BUD	17003206	BUD				309
2021/10/20	09:19:53.36	1.06	1.15	47.2302	18.2835f				0.0f	4	3	270	0.13	0.51	kx	BUD_GT	17003207	BUD_GT				316

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	353.3	Pg	09:19:57.415	0.7					T__		201.8		---	ML	1.0	6939052	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	09:19:58.509	-1.3					T__				---		6939053	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0																									
HU08A	0.32	309.6	Lg	09:20:04.672	-1.2					T__				---		6939054	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.51	263.5	Lg	09:20:11.576	-0.4					T__				---		6939055	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/20	09:31:35.38	1.14	0.76	47.9168	20.0843	11.0	2.9	157	0.0f	15	9	183	0.13	1.35	sx	BUD	17003208	BUD				191

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.1 6 BUD 17003208

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.13	270.8	Pg	09:31:39.025	0.3					T__		2741.6		_c_	ML	2.1 6939133	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.13	270.8	Lg	09:31:40.860	-0.8					T__				---		6939143	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=0)																								
ET1H	0.15	255.3	Pg	09:31:39.236	0.2					T__		1532.0		_c_	ML	1.9 6939145	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.15	255.3	Lg	09:31:41.505	-0.4					T__				---		6939144	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
HU03A	0.33	267.9	Lg	09:31:47.274	-0.5					T__				---		6939146	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.36	55.0	Pg	09:31:43.170	-0.1					T__		202.3		---	ML	1.6 6939134	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	55.0	Lg	09:31:47.919	-1.5					T__				---		6939147	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KECS	0.63	25.2	Lg	09:31:57.348	-0.3					T__				---		6939135	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.65	27.5	Pg	09:31:49.182	0.7					T__		79.9		---	ML	1.8 6939137	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	27.5	Lg	09:31:58.120	-0.4					T__				---		6939136	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
ABAH	0.86	63.5	Pg	09:31:53.924	1.4					T__		89.6		---	ML	1.9 6939140	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.86	63.5	Lg	09:32:06.012	-0.4					T__				---		6939141	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
VYHS	1.02	305.1	Pn	09:31:56.552	0.6					T__		23.6		---	ML	1.4 6939142	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.02	305.1	Lg	09:32:10.632	-0.1					T__				---		6939139	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=0)																								
CSKK	1.35	246.5	Sn	09:32:20.612	0.6					T__				---		6939138	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/20	09:44:09.69	1.64	1.66	47.5483	18.4959	14.0	4.1	99	0.0f		5	3	207	0.12	0.97	kx	BUD	17003210	BUD			306
2021/10/20	09:44:10.05	1.00	1.19	47.5600	18.4573f				0.0f		5	3	199	0.09	0.97	kx	BUD_GT	17003211	BUD_GT			312

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU09A	0.09	327.2	Pg	09:44:13.397	0.9					T__		477.6		_c_	ML	1.2 6939175	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	09:44:14.413	-0.4					T__				---		6939176	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
CSKK	0.24	214.2	Pg	09:44:15.800	0.5					T__		98.0		---	ML	1.0 6939174	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	09:44:18.457	-1.5					T__				---		6939177	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
VYHS	0.97	15.1	Lg	09:44:42.475	-1.5					T__				---		6939178	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/20	09:48:22.38	0.90	0.91	48.4844	17.5305	5.3	3.2	143	0.0f	11	6	138	0.20	1.25	sx	BUD	17003212	BUD				213

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	4 BUD	17003212

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.20	236.8	Pg	09:48:27.111	0.1					T__						6939204	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	236.8	Lg	09:48:29.236	-1.6					T__						6939208	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.39	13.9	Pg	09:48:30.424	-0.2					T__		170.3			ML	1.6	6939205	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.39	13.9	Lg	09:48:36.174	-1.0					T__						6939206	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	0.87	88.9	Pg	09:48:40.415	0.5					T__		15.9			ML	1.2	6939210	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.87	88.9	Lg	09:48:52.478	-0.1					T__						6939209	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KRUC	0.95	308.0	Pg	09:48:42.072	1.5					T__		73.5			ML	1.9	6939212	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.95	308.0	Lg	09:48:54.384	-0.1					T__						6939211	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
RONA	1.14	227.0	Lg	09:48:59.859	0.1					T__						6939213	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.25	244.1	Pn	09:48:47.393	0.6					T__		56.1			ML	1.9	6939207	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.25	244.1	Lg	09:49:02.830	-0.2					T__						6939214	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/20	10:37:32.41	1.07	1.10	48.5124	20.7758	5.4	4.6	80	0.0f	16	9	143	0.16	1.29	sx	BUD	17003214	BUD					222

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	7 BUD	17003214

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	264.0	Pg	10:37:36.427	0.6					T__		477.2			ML	1.4	6939299	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	264.0	Lg	10:37:38.974	0.5					T__						6939300	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.20	261.5	Pg	10:37:36.869	0.3					T__		861.1			ML	1.8	6939301	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	261.5	Lg	10:37:39.807	0.0					T__						6939305	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.38	124.8	Lg	10:37:46.152	-0.7					T__						6939311	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.42	203.3	Pg	10:37:42.599	1.1					T__		66.4			ML	1.3	6939302	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	203.3	Lg	10:37:48.005	-0.5					T__						6939303	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	0.84	225.1	Pg	10:37:50.108	0.0					T__		78.8			ML	1.9	6939312	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	225.1	Lg	10:38:01.366	-1.4					T__						6939306	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

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(Station ML: 1.9 magdef=0
ET1H 0.88 224.0 Pn 10:37:50.588 -0.3 T__ 47.9 ___ ML 1.7 6939313 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.88 224.0 Lg 10:38:02.151 -1.5 T__ ___ 6939307 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
NIE 0.96 341.1 Pg 10:37:51.017 0.5 T__ 39.1 ___ ML 1.6 6939314 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.96 341.1 Lg 10:38:03.017 -1.1 T__ ___ 6939304 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.99 232.7 Lg 10:38:06.361 -1.2 T__ ___ 6939308 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 1.29 269.9 Pn 10:37:56.488 -0.3 T__ 20.9 ___ ML 1.5 6939310 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.29 269.9 Sn 10:38:13.738 -2.4 T__ ___ 6939309 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/20	15:22:02.47	0.97	0.70	47.6074	16.3790	5.4	3.9	10	0.0f	12	8	74	0.11	1.46	sx	BUD	17003216	BUD				128

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.5	3 BUD	17003216

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	328.9	Pg	15:22:05.242	0.2					T__		336.3		_c_	ML	1.1	6939404	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	328.9	Lg	15:22:06.773	-0.1					T__				---		6939406	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
SOP	0.14	57.9	Pg	15:22:06.351	0.6					T__		123.8		---	ML	0.8	6939405	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	57.9	Lg	15:22:08.539	0.4					T__				---		6939407	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
CONA	0.47	312.8	Pg	15:22:12.343	0.4					T__		73.7		---	ML	1.5	6939403	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.47	312.8	Lg	15:22:18.281	-0.1					T__				---		6939408	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
ARSA	0.68	238.7	Lg	15:22:23.845	-0.4					T__				---		6939409	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MPLH	0.90	118.6	Lg	15:22:32.746	-1.1					T__				---		6939410	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	0.98	37.9	Pg	15:22:22.324	0.0					T__				---		6939412	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.98	37.9	Lg	15:22:36.012	-1.3					T__				---		6939411	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOGS	1.16	184.4	Lg	15:22:39.943	-0.1					T__				---		6939413	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KRUC	1.46	0.4	Sn	15:22:49.852	0.6					T__				---		6939414	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/21	07:40:29.03	0.98	0.73	47.9867	16.6299	7.3	3.6	133	0.0f	10	6	170	0.36	1.09	sx	BUD	17003218	BUD				226

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	4 BUD	17003218

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.36	218.2	Pg	07:40:36.582	0.1					T__		72.7		---	ML	1.2	6939776	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.36	218.2	Lg	07:40:40.998	-0.6					T__				---		6939780	FDSN	OE	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CONA 0.52 263.8 Pg 07:40:39.847 0.4 T__ 97.8 ___ ML 1.7 6939779 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.52 263.8 Lg 07:40:45.940 -0.5 T__ ___ 6939781 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.58 48.0 Pg 07:40:41.650 0.5 T__ ___ 6939777 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.58 48.0 Lg 07:40:49.425 -1.0 T__ ___ 6939782 FDSN SK -- BUD iLoc HHN ??? _
A008A 0.76 300.7 Pg 07:40:43.532 -0.0 T__ 129.5 ___ ML 2.0 6939783 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ARSA 1.05 225.9 Lg 07:41:03.143 0.6 T__ ___ 6939784 FDSN OE -- BUD iLoc HHN ??? _
KRUC 1.09 351.8 Pg 07:40:50.711 0.8 T__ 116.5 ___ ML 2.2 6939778 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.09 351.8 Lg 07:41:05.234 -0.7 T__ ___ 6939785 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/21 08:20:31.13 0.86 1.10 48.3886 19.0979 6.2 3.1 29 0.0f 18 10 124 0.20 1.30 sx BUD 17003220 BUD 151

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 8 BUD 17003220

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.20 301.3 Pg 08:20:36.624 1.1 T__ 129.0 _c ML 1.0 6939857 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.20 301.3 Lg 08:20:39.265 0.4 T__ ___ 6939860 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
HU03A 0.59 145.1 Pg 08:20:44.583 1.0 T__ 147.3 ___ ML 2.0 6939861 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.59 145.1 Lg 08:20:52.583 0.1 T__ ___ 6939862 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.71 131.1 Pg 08:20:46.985 0.7 T__ 113.5 ___ ML 2.0 6939864 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.71 131.1 Lg 08:20:55.708 -1.5 T__ ___ 6939858 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 0.73 134.3 Pg 08:20:45.812 -0.6 T__ 96.4 ___ ML 1.9 6939855 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.73 134.3 Lg 08:20:56.589 -0.7 T__ ___ 6939863 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.93 83.6 Pg 08:20:49.800 0.2 T__ 89.5 ___ ML 2.0 6939859 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.93 83.6 Lg 08:21:03.365 -0.1 T__ ___ 6939865 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 0.97 83.1 Pg 08:20:49.875 -0.4 T__ 53.6 ___ ML 1.8 6939856 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 83.1 Lg 08:21:04.814 -0.0 T__ ___ 6939866 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU02A 0.99 105.1 Pn 08:20:52.798 1.4 T__ 56.4 ___ ML 1.8 6939868 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.99 105.1 Lg 08:21:05.237 -1.2 T__ ___ 6939867 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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JAVC 1.06 297.0 Pg 08:20:52.349 -0.3 T__ 129.5 ___ ML 2.2 6939869 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.06 297.0 Lg 08:21:06.548 -2.2 T__ ___ 6939870 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MODS 1.21 270.0 Sn 08:21:11.485 -1.8 T__ ___ 6939871 FDSN SK -- BUD iLoc HHE ??? _
NIE 1.30 37.1 Lg 08:21:15.020 0.6 T__ ___ 6939872 FDSN PL -- BUD iLoc BHE ??? _
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/21 09:35:55.57 1.41 1.89 46.2077 17.9121 18.3 4.3 13 0.0f 5 3 185 0.18 0.51 kx BUD 17003222 BUD 316
2021/10/21 09:35:56.53 1.03 3.07 46.1204 18.0243f 0.0f 5 3 162 0.06 0.51 kx BUD_GT 17003223 BUD_GT 316
(locality : Bükkösd Hungary)
(GT info : GT2 explosion)
```

Magnitude Err Nsta Author OrigID

```
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.06 121.4 Pg 09:36:00.491 2.0 T__ 228.0 ___ ML 0.8 6939924 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.06 121.4 Lg 09:36:01.929 1.6 T__ ___ 6939925 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
MORH 0.44 77.4 Lg 09:36:13.038 0.1 T__ ___ 6939926 FDSN HU -- BUD iLoc HHN ??? _
A264A 0.51 274.7 Pg 09:36:05.621 -1.7 T__ 333.6 ___ ML 2.2 6939927 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.51 274.7 Lg 09:36:09.340 -5.3 T__ ___ 6939928 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
```

```
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/21 09:39:36.90 1.02 1.34 48.2261 21.2186 6.1 4.3 157 0.0f 17 10 153 0.07 1.61 kx BUD 17003224 BUD 205
2021/10/21 09:39:36.76 0.88 1.19 48.2470 21.2460f 0.0f 17 10 151 0.05 1.63 kx BUD_GT 17003225 BUD_GT 204
(locality : Tállya Hungary)
(GT info : GT2 explosion)
```

Magnitude Err Nsta Author OrigID  
ML 2.0 0.1 7 BUD\_GT 17003225

```
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.05 355.1 Pg 09:39:39.296 1.0 T__ 8470.5 _c_ ML 2.4 6939963 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.05 355.1 Lg 09:39:39.585 -0.3 T__ ___ 6939964 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
HU02A 0.50 255.8 Pg 09:39:47.513 0.2 T__ 129.7 ___ ML 1.8 6939966 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 255.8 Lg 09:39:53.794 -1.6 T__ ___ 6939965 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JOS 0.53 298.1 Pg 09:39:48.266 0.8 T__ 110.6 ___ ML 1.8 6939968 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 298.1 Lg 09:39:55.063 -0.6 T__ ___ 6939967 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KECS 0.56 295.3 Lg 09:39:55.943 -0.6 T__ ___ 6939969 FDSN SK -- BUD iLoc EHN ??? _
TRPA 0.87 97.2 Pn 09:39:55.058 -0.1 T__ 226.5 ___ ML 2.3 6939971 FDSN HU -- BUD iLoc HHZ HHZ _
```

TRPA	0.87	97.2	Lg	09:40:06.479	-1.7	T__	---	6939970	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.3 magdef=1																			
(Station ML: 2.3 magdef=1																			
PSZ	0.96	250.6	Pg	09:39:57.056	-0.0	T__	103.7	---	ML	2.1	6939972	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:40:09.275	-2.2	T__	---	---	---	6939973	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1																			
(Station ML: 2.1 magdef=1																			
KOLS	0.97	44.4	Lg	09:40:09.560	-1.5	T__	---	---	---	6939974	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	248.7	Pn	09:39:57.135	0.4	T__	82.0	---	ML	2.0	6939976	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	09:40:10.198	-1.9	T__	---	---	---	6939975	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1																			
(Station ML: 2.0 magdef=1																			
NIE	1.33	332.3	Pg	09:40:03.440	1.6	T__	59.8	---	ML	2.0	6939978	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.33	332.3	Lg	09:40:20.377	-1.0	T__	---	---	---	6939977	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1																			
(Station ML: 2.0 magdef=1																			
VYHS	1.63	279.6	Sn	09:40:28.810	0.3	T__	---	---	---	6939979	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/21	11:01:24.05	2.04	1.40	47.7813	19.7428	16.6	4.2	172	0.0f	10	7	220	0.13	0.89	---	---	sx BUD	17003228	BUD			265

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	5 BUD	17003228

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.13	41.5	Pg	11:01:28.187	0.9					T__		769.6	---	---	ML	1.5	6940134	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1																									
(Station ML: 1.5 magdef=1																									
HU03A	0.16	321.9	Pg	11:01:28.625	0.9					T__		412.4	---	---	ML	1.3	6940133	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1																									
(Station ML: 1.3 magdef=0																									
PSZ	0.17	36.6	Pg	11:01:29.062	0.7					T__		449.7	---	---	ML	1.4	6940135	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.17	36.6	Lg	11:01:30.768	-1.1					T__			---	---	---	---	6940138	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1																									
(Station ML: 1.4 magdef=1																									
HU10A	0.49	277.7	Lg	11:01:41.018	-1.6					T__			---	---	---	---	6940141	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU02A	0.63	56.7	Lg	11:01:45.562	-1.7					T__			---	---	---	---	6940140	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.86	35.0	Pg	11:01:41.633	0.4					T__		129.7	---	---	ML	2.1	6940142	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.86	35.0	Lg	11:01:53.617	-0.7					T__			---	---	---	---	6940136	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1																									
(Station ML: 2.1 magdef=0																									
JOS	0.89	36.4	Pg	11:01:43.550	1.7					T__		68.5	---	---	ML	1.8	6940139	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.89	36.4	Lg	11:01:54.109	-1.2					T__			---	---	---	---	6940137	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1																									
(Station ML: 1.8 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/21	11:34:54.89	1.50	0.54	48.6009	20.2029	9.8	4.8	173	0.0f	10	6	211	0.22	0.91	---	---	sx BUD	17003230	BUD			277

Magnitude	Err	Nsta	Author	OrigID

ML 1.5 0.4 4 BUD 17003230

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.22	122.0	Pg	11:34:59.872	0.3					T__		330.9		---	ML	1.4	6940199	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	122.0	Lg	11:35:02.734	-0.4					T__				---		6940201	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.25	115.1	Pg	11:35:00.045	0.1					T__		108.2		---	ML	1.0	6940198	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.25	115.1	Lg	11:35:03.747	-0.2					T__				---		6940202	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
HU02A	0.53	155.7	Pg	11:35:06.726	0.8					T__		62.3		---	ML	1.6	6940200	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.53	155.7	Lg	11:35:13.430	-0.9					T__				---		6940203	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.71	196.9	Pg	11:35:09.974	-0.1					T__		122.3		---	ML	2.0	6940205	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.71	196.9	Lg	11:35:20.670	-0.3					T__				---		6940204	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ET1H	0.76	197.2	Lg	11:35:22.160	0.2					T__				---		6940206	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.91	263.8	Lg	11:35:26.211	-0.4					T__				---		6940207	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/22	02:02:50.08	1.56	0.47	47.4177	18.2203	9.9	3.8	4	5.0f		8	4	251	0.04	0.12	ke	BUD	17003234	BUD			310

Magnitude	Err	Nsta	Author	OrigID
ML	0.2	0.1	4 BUD	17003234

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW1	0.04	133.3	Pg	02:02:51.591	0.1					T__		59.2		---	ML	0.2	6940482	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.04	133.3	Lg	02:02:52.195	-0.7					T__				---		6940481	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									
CSKK	0.06	153.4	Pg	02:02:52.371	0.5					T__		60.4		---	ML	0.3	6940480	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	153.4	Lg	02:02:53.533	-0.1					T__				---		6940484	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
MSW3	0.07	241.7	Pg	02:02:52.259	0.2					T__		35.3		---	ML	0.1	6940483	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.07	241.7	Lg	02:02:53.590	-0.2					T__				---		6940486	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 0.1 magdef=1)																									
(Station ML: 0.1 magdef=1)																									
MSW2	0.12	183.2	Pg	02:02:53.073	0.2					T__		35.6		---	ML	0.2	6940485	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.12	183.2	Lg	02:02:54.856	-0.4					T__				---		6940487	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1)																									
(Station ML: 0.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/22	06:00:52.94	1.52	0.81	45.7832	16.8927	12.0	6.8	153	12.0f		11	6	203	0.66	1.29	ke	BUD	17003236	BUD			211

Magnitude	Err	Nsta	Author	OrigID
ML	0.2	0.1	4 BUD	17003234

ML 1.8 0.0 5 BUD 17003236

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PTJ	0.66	281.2	Pg	06:01:05.641	-0.3					T__		86.9		___	ML	1.8 6940679	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.66	281.2	Lg	06:01:14.278	-1.5					T__				---		6940680	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
BEHE	0.69	353.3	Pg	06:01:06.455	-0.0					T__		196.3		___	ML	2.2 6940682	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.69	353.3	Lg	06:01:15.981	0.1					T__				---		6940681	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								
KOGS	0.80	326.3	Pg	06:01:08.316	0.1					T__		112.3		___	ML	2.0 6940678	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.80	326.3	Lg	06:01:19.470	0.5					T__				---		6940683	FDSN	SL	--	BUD	iLoc	BHZ	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KOVH	0.90	69.7	Lg	06:01:21.575	-0.7					T__				---		6940684	FDSN	HU	--	BUD	iLoc	HHN	???	_
CRES	1.01	273.0	Pg	06:01:12.658	1.1					T__		53.3		___	ML	1.8 6940686	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.01	273.0	Lg	06:01:25.839	-0.2					T__				---		6940685	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
MORH	1.29	69.9	Pn	06:01:16.098	0.6					T__		34.2		___	ML	1.8 6940676	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.29	69.9	Sn	06:01:33.766	0.9					T__				---		6940677	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/10/22	06:38:52.91	1.28	1.14	48.0120	20.3775	12.4	3.3	140	0.0f		10	5	206	0.15	0.50	kx	BUD	17003238	BUD			236		
2021/10/22	06:38:52.56	0.93	1.31	47.9767	20.3679f				0.0f		10	5	218	0.18	0.53	kx	BUD_GT	17003239	BUD_GT			241		
(locality : Eger-III. Hungary)																								
(GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID  
ML 1.0 0.2 5 BUD\_GT 17003239

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU02A	0.18	35.8	Pg	06:38:56.884	0.1					T__		168.7		_c_	ML	1.0 6940741	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	06:38:59.305	-1.1					T__				---		6940748	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
PSZ	0.32	259.8	Pg	06:39:01.443	1.5					T__		49.6		___	ML	0.9 6940743	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	259.8	Lg	06:39:05.289	-0.2					T__				---		6940744	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=0)																								
ET1H	0.35	253.9	Pg	06:39:01.273	1.0					T__		45.0		___	ML	0.9 6940739	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.35	253.9	Lg	06:39:05.856	-0.0					T__				---		6940740	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
KECS	0.51	8.8	Pg	06:39:03.984	1.0					T__		95.3		___	ML	1.7 6940747	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.51	8.8	Lg	06:39:08.569	-2.3					T__				---		6940745	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
JOS	0.53	12.4	Pg	06:39:03.627	0.3					T__		55.6		___	ML	1.5 6940742	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS 0.53 12.4 Lg 06:39:09.429 -2.1 T\_\_ --- 6940746 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/22	06:51:53.58	2.63	0.83	45.6121	18.1841	16.9	7.4	168	0.0f	13	7	253	0.40	1.59	ke	BUD	17003240	BUD				278

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.4	6 BUD	17003240

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A273A	0.40	319.9	Pg	06:52:02.053	-0.0					T__		237.9		___	ML	1.8	6940811	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.40	319.9	Lg	06:52:07.917	-0.0					T__				___		6940812	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
KOVH	0.48	353.0	Pg	06:52:03.646	-0.1					T__		80.8		___	ML	1.5	6940810	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.48	353.0	Lg	06:52:10.256	-0.8					T__				___		6940816	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0																									
MORH	0.68	27.8	Pg	06:52:07.675	0.1					T__		72.3		___	ML	1.7	6940813	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.68	27.8	Lg	06:52:17.290	-0.9					T__				___		6940817	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
A265A	0.86	341.7	Pg	06:52:11.752	0.6					T__		278.3		___	ML	2.4	6940818	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.86	341.7	Lg	06:52:22.662	-0.6					T__				___		6940819	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0																									
A266A	0.92	3.5	Pn	06:52:13.323	0.9					T__		197.3		___	ML	2.3	6940820	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.92	3.5	Lg	06:52:27.262	1.5					T__				___		6940821	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
PTJ	1.58	281.6	Sn	06:52:42.975	-0.8					T__				___		6940822	FDSN	CR	--	BUD	iLoc	BHN	???	_	
KOGS	1.59	302.5	Pg	06:52:23.792	-0.3					T__		74.4		___	ML	2.3	6940815	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.59	302.5	Sn	06:52:43.896	1.0					T__				___		6940814	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/22	07:57:15.38	3.28	1.00	46.8167	22.8059	21.8	8.9	25	0.0f	8	5	264	0.07	1.52	sx	BUD	17003242	BUD					291

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	3 BUD	17003242

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.07	248.9	Pg	07:57:17.192	-0.0					T__		283.5		_c	ML	0.9	6940889	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.07	248.9	Lg	07:57:19.033	0.2					T__				___		6940891	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
SIRR	0.96	235.6	Lg	07:57:47.654	-1.0					T__				___		6940892	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.42	180.8	Pg	07:57:42.616	0.2					T__		44.4		___	ML	1.9	6940893	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

GZR	1.42	180.8	Lg	07:58:01.613	-0.5	T__								6940890	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																							
(Station ML: 1.9 magdef=1)																							
BZS	1.46	215.0	Lg	07:58:04.124	0.9	T__								6940894	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.52	153.6	Pn	07:57:43.275	-0.4	T__				62.2		---	ML	2.1	6940896	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.52	153.6	Sn	07:58:03.546	-1.7	T__								6940895	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																							
(Station ML: 2.1 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/22	08:02:10.41	1.69	0.89	47.3763	18.4173	11.3	4.7	123	0.0f		11	8	158	0.11	1.31	sx	BUD	17003244	BUD			177

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	3 BUD	17003244

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.11	263.0	Pg	08:02:13.826	0.6					T__		568.5		---	ML	1.4	6940934	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	263.0	Lg	08:02:14.757	-1.1					T__				---		6940935	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW1	0.11	278.9	Pg	08:02:13.895	0.7					T__		558.6		---	ML	1.3	6940940	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.11	278.9	Lg	08:02:15.318	-0.6					T__				---		6940941	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW2	0.16	242.3	Pg	08:02:14.749	0.6					T__		130.8		---	ML	0.9	6940943	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.16	242.3	Lg	08:02:16.456	-1.2					T__				---		6940942	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
MSW3	0.20	272.1	Lg	08:02:18.977	0.1					T__				---		6940944	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.26	354.9	Lg	08:02:20.656	-0.5					T__				---		6940936	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	1.15	14.0	Lg	08:02:49.649	-1.0					T__				---		6940938	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.17	172.3	Sn	08:02:49.788	-0.7					T__				---		6940937	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.31	189.7	Sn	08:02:53.083	-0.7					T__				---		6940939	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/22	08:57:05.60	0.85	1.31	48.3717	18.6653	4.7	3.7	10	0.0f		19	11	87	0.17	1.59	sx	BUD	17003246	BUD			149

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	7 BUD	17003246

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.17	42.8	Pg	08:57:09.890	0.6					T__		156.1		---	ML	1.0	6941049	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.17	42.8	Lg	08:57:11.379	-0.7					T__				---		6941050	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
JAVC	0.82	306.8	Pg	08:57:22.644	0.2					T__		83.9		---	ML	1.9	6941051	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.82	306.8	Lg	08:57:33.700	-1.4					T__				---		6941052	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A331A	0.83	339.5	Pg	08:57:22.597	0.6					T__		175.8		---	ML	2.2	6941055	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A331A	0.83	339.5	Lg	08:57:33.938	0.5	T__	---	6941061	FDSN	Z3	00	BUD	iLoc	HHN	???	_			
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
MODS	0.93	270.6	Pg	08:57:25.542	1.2	T__	---	6941056	FDSN	SK	--	BUD	iLoc	HHZ	???	_			
MODS	0.93	270.6	Lg	08:57:37.182	-1.4	T__	---	6941057	FDSN	SK	--	BUD	iLoc	HHN	???	_			
PSZ	0.94	118.4	Pn	08:57:26.782	1.5	T__	50.5	---	ML	1.7	6941043	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.94	118.4	Lg	08:57:38.081	-1.4	T__	---	6941044	FDSN	GE	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ET1H	0.95	120.9	Pn	08:57:26.482	1.3	T__	34.4	---	ML	1.6	6941045	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.95	120.9	Lg	08:57:38.164	-1.1	T__	---	6941058	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU08A	1.07	208.2	Lg	08:57:42.651	-0.5	T__	---	6941059	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
KECS	1.22	84.1	Pn	08:57:29.613	0.7	T__	98.8	---	ML	2.2	6941053	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.22	84.1	Sn	08:57:46.017	-1.4	T__	---	6941060	FDSN	SK	--	BUD	iLoc	EHN	???	_			
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
JOS	1.25	83.6	Pn	08:57:30.450	1.0	T__	64.9	---	ML	2.0	6941048	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.25	83.6	Sn	08:57:46.733	-1.6	T__	---	6941047	FDSN	ZJ	--	BUD	iLoc	HHN	???	_			
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
HU02A	1.27	100.7	Sn	08:57:47.299	-1.5	T__	---	6941046	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
MORC	1.59	332.7	Lg	08:57:54.948	-2.2	T__	---	6941054	FDSN	CZ	--	BUD	iLoc	HHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/22	09:20:26.64	1.11	1.03	47.8479	19.1568	10.3	4.6	178	0.0f	5	4	182	0.09	0.68	kx	BUD	17003248	BUD				255
2021/10/22	09:20:26.76	1.01	1.11	47.8355	19.1270f				0.0f	5	4	192	0.07	0.69	kx	BUD_GT	17003249	BUD_GT				258
(locality : Sejce-Vác Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	277.6	Pg	09:20:29.530	0.8					T__		713.1		_c_	ML	1.4	6941107	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:20:30.090	-0.5					T__				---		6941108	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
ET1H	0.50	84.8	Lg	09:20:44.386	-1.1					T__				---		6941109	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.6	Lg	09:20:44.957	-1.6					T__				---		6941110	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.6	Lg	09:20:50.440	-0.6					T__				---		6941111	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/22	10:28:25.65	0.90	0.97	48.6935	19.2061	5.6	3.3	14	0.0f		13	7	156	0.32	1.05	sx	BUD	17003252	BUD				182

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	17003252

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.32	231.0	Pg	10:28:32.833	0.6					T__		19.7		---	ML	0.5	6941265	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

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VYHS 0.32 231.0 Lg 10:28:37.278 0.2 T__ --- 6941267 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=0
A331A 0.79 305.5 Pg 10:28:41.692 0.4 T__ 89.3 --- ML 1.9 6941277 FDSN Z3 00 BUD iLoc HHZ HHZ _
A331A 0.79 305.5 Lg 10:28:51.994 -0.2 T__ --- 6941276 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KECS 0.88 103.4 Pg 10:28:43.783 0.7 T__ 89.3 --- ML 1.9 6941269 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.88 103.4 Lg 10:28:55.469 -0.6 T__ --- 6941268 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
PSZ 0.90 149.1 Pg 10:28:44.699 0.1 T__ 40.8 --- ML 1.6 6941273 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.90 149.1 Lg 10:28:56.995 -1.1 T__ --- 6941272 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JOS 0.91 102.1 Pg 10:28:44.655 1.1 T__ 52.8 --- ML 1.7 6941271 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.91 102.1 Lg 10:28:56.286 -0.8 T__ --- 6941270 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.03 279.8 Lg 10:29:00.091 -2.1 T__ --- 6941274 FDSN CZ -- BUD iLoc HHN ??? _
HU02A 1.05 122.6 Pn 10:28:46.909 0.2 T__ 46.3 --- ML 1.7 6941266 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.05 122.6 Lg 10:29:01.614 -0.7 T__ --- 6941275 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/22 10:44:49.36 1.00 1.21 46.1124 21.6853 8.1 3.7 84 0.0f 10 6 167 0.16 1.60 sx BUD 17003254 BUD 220

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Magnitude Err Nsta Author OrigID
ML 1.5 0.4 4 BUD 17003254

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SIRR 0.16 353.5 Pg 10:44:53.546 0.5 T__ 342.3 _c ML 1.3 6941310 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.16 353.5 Lg 10:44:55.166 -1.0 T__ --- 6941318 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
BZS 0.50 185.6 Pg 10:44:59.590 0.3 T__ 31.8 --- ML 1.2 6941319 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.50 185.6 Lg 10:45:05.821 -0.7 T__ --- 6941313 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
DEV 0.88 104.7 Lg 10:45:18.210 -0.3 T__ --- 6941314 FDSN RO -- BUD iLoc HHN ??? _
DRGR 0.98 45.9 Pg 10:45:09.444 0.5 T__ 51.0 --- ML 1.8 6941312 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.98 45.9 Lg 10:45:21.940 -1.5 T__ --- 6941311 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
GZR 1.05 132.9 Pg 10:45:09.478 0.1 T__ 51.3 --- ML 1.8 6941316 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.05 132.9 Lg 10:45:24.210 0.2 T__ --- 6941315 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LOT 1.60 113.7 Sn 10:45:38.490 -2.4 T__ --- 6941317 FDSN RO -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/25	07:24:41.38	1.07	1.52	47.6868	18.7556	12.1	4.5	160	0.0f		7	5	173	0.26	1.47	sx	BUD	17003262	BUD			206

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.26	259.3	Pg	07:24:47.826	0.9					T__		1214.6		_c	ML	2.1	6942229	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.26	259.3	Lg	07:24:50.206	-1.6					T__						6942230	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CSKK	0.47	226.2	Pg	07:24:51.931	0.9					T__		143.6		---	ML	1.8	6942232	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.47	226.2	Lg	07:24:57.694	-1.4					T__				---		6942231	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	0.78	75.2	Lg	07:25:08.728	-0.7					T__				---		6942234	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.80	72.8	Lg	07:25:09.683	-1.1					T__				---		6942235	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.47	183.0	Sn	07:25:30.102	1.2					T__				---		6942233	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/25	07:41:46.12	1.03	0.89	46.1012	22.8620	7.0	4.9	93	0.0f		11	8	95	0.22	1.41	sx	BUD	17003264	BUD			144

Magnitude Err Nsta Author OrigID  
ML 2.0 0.3 4 BUD 17003264

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.22	172.5	Pg	07:41:50.633	0.3					T__		1293.1		---	ML	2.0	6942277	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.22	172.5	Lg	07:41:52.897	-0.5					T__				---		6942283	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
DRGR	0.70	351.5	Lg	07:42:10.320	-1.2					T__				---		6942285	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.71	184.9	Pg	07:42:00.169	0.4					T__		105.9		_c	ML	1.9	6942278	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.71	184.9	Lg	07:42:09.283	-0.5					T__				---		6942284	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
CJR	0.80	39.5	Pg	07:42:02.423	0.5					T__		323.2		---	ML	2.5	6942286	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
SIRR	0.85	281.7	Lg	07:42:14.877	-0.9					T__				---		6942287	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.91	135.5	Lg	07:42:15.914	-1.0					T__				---		6942279	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.00	241.3	Pg	07:42:06.390	0.9					T__		41.5		---	ML	1.7	6942281	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.00	241.3	Lg	07:42:18.630	-0.9					T__				---		6942280	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BANR	1.41	239.9	Sn	07:42:31.405	-0.5					T__				---		6942282	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/25	07:58:13.58	1.79	1.25	48.0327	20.7071	11.1	5.5	144	0.0f		9	6	201	0.15	0.58	kx	BUD	17003266	BUD			268
2021/10/25	07:58:14.28	0.95	1.24	48.0750	20.6990f				0.0f		9	6	192	0.13	0.59	kx	BUD_GT	17003267	BUD_GT			265

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	3 BUD_GT	17003267

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.13	292.1	Pg	07:58:17.963	0.5					T__		361.7		---	ML	1.2	6942315	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.13	292.1	Lg	07:58:19.233	-1.0					T__				---		6942318	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ABAH	0.42	58.4	Lg	07:58:28.978	-1.5					T__				---		6942316	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.43	340.8	Pg	07:58:24.310	1.2					T__		87.9		---	ML	1.4	6942320	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	340.8	Lg	07:58:29.735	-0.1					T__				---		6942322	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
JOS	0.43	345.9	Pg	07:58:24.000	0.9					T__		35.8		---	ML	1.1	6942314	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	345.9	Lg	07:58:29.646	-0.2					T__				---		6942321	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.56	254.1	Lg	07:58:33.331	-2.0					T__				---		6942319	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.59	250.9	Lg	07:58:34.265	-1.6					T__				---		6942317	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/25	09:02:28.54	1.62	0.94	48.8482	21.0845	9.5	6.8	46	0.0f		9	5	211	0.50	0.82	sx	BUD	17003268	BUD			301

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	4 BUD	17003268

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.50	225.9	Pg	09:02:39.286	0.7					T__		78.8		---	ML	1.6	6942348	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.50	225.9	Lg	09:02:46.284	-0.0					T__				---		6942350	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.54	227.6	Pg	09:02:39.998	0.6					T__		85.1		---	ML	1.7	6942352	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.54	227.6	Lg	09:02:47.475	-0.0					T__				---		6942351	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.56	169.4	Pg	09:02:40.441	0.6					T__		67.7		---	ML	1.6	6942353	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.56	169.4	Lg	09:02:48.250	-1.0					T__				---		6942354	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.77	318.2	Lg	09:02:53.069	-1.0					T__				---		6942355	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.82	207.3	Pg	09:02:44.270	-1.1					T__		48.7		---	ML	1.6	6942349	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.82	207.3	Lg	09:02:57.001	-0.9					T__				---		6942356	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/25	09:23:19.58	1.06	0.79	46.0641	22.8855	7.7	4.0	72	0.0f		11	6	143	0.18	0.99	sx	BUD	17003270	BUD			210

Magnitude	Err	Nsta	Author	OrigID
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ML 1.6 0.0 5 BUD 17003270

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.18	176.1	Pg	09:23:23.461	0.4					T__		895.2		---	ML	1.8	6942391	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	176.1	Lg	09:23:25.056	-0.5					T__				---		6942387	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
GZR	0.68	186.5	Pg	09:23:33.002	0.5					T__		58.3		---	ML	1.6	6942392	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.68	186.5	Lg	09:23:41.614	-0.5					T__				---		6942388	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
DRGR	0.74	350.7	Pg	09:23:34.879	0.4					T__		39.9		---	ML	1.5	6942389	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.74	350.7	Lg	09:23:45.208	-1.2					T__				---		6942394	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
LOT	0.87	134.6	Lg	09:23:47.799	-1.3					T__				---		6942395	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.88	283.9	Pg	09:23:37.832	0.4					T__		42.6		---	ML	1.6	6942393	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.88	283.9	Lg	09:23:49.414	-0.6					T__				---		6942396	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
BZS	0.99	243.7	Pg	09:23:39.033	0.1					T__		32.8		---	ML	1.6	6942390	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.99	243.7	Lg	09:23:52.464	-0.4					T__				---		6942397	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/25	10:01:54.23	0.91	0.84	48.4331	19.5684	5.2	3.5	5	0.0f		13	9	108	0.49	1.12	sx	BUD	17003272	BUD			208

Magnitude Err Nsta Author OrigID  
ML 1.7 0.3 4 BUD 17003272

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.49	277.4	Pg	10:02:04.761	0.4					T__		20.4		---	ML	1.0	6942436	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	277.4	Lg	10:02:10.853	-0.8					T__				---		6942435	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
HU03A	0.53	177.7	Lg	10:02:13.453	-0.0					T__				---		6942437	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.56	156.9	Lg	10:02:14.264	-0.8					T__				---		6942438	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.59	159.8	Lg	10:02:15.395	-0.3					T__				---		6942439	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.61	85.0	Pg	10:02:07.396	0.9					T__		155.9		---	ML	2.0	6942440	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.61	85.0	Lg	10:02:15.441	-0.4					T__				---		6942432	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
JOS	0.65	84.1	Pg	10:02:08.002	0.8					T__		72.6		---	ML	1.7	6942434	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	84.1	Lg	10:02:16.338	-0.7					T__				---		6942433	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
HU02A	0.71	115.6	Pg	10:02:09.364	0.4					T__		52.9		---	ML	1.6	6942431	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.71	115.6	Lg	10:02:18.960	-1.2					T__				---		6942441	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
NIE	1.10	25.8	Lg	10:02:30.333	-0.7					T__				---		6942442	FDSN	PL	--	BUD	iLoc	BHN	???	_	

ABAH 1.12 96.4 Lg 10:02:32.050 -1.2 T\_\_ --- 6942443 FDSN HU -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/10/25 11:01:24.85 3.11 0.93 48.4646 20.6873 19.8 7.1 73 0.0f 8 6 269 0.10 1.23 sx BUD 17003274 BUD 295

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.10	287.7	Pg	11:01:27.103	-0.1					T__		128.4		___	ML	0.7	6942468	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.10	287.7	Lg	11:01:29.255	0.2					T__				---		6942470	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
KECS	0.14	278.0	Pg	11:01:27.848	0.0					T__		430.8		___	ML	1.3	6942469	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.14	278.0	Lg	11:01:30.294	0.1					T__				---		6942471	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.36	197.6	Lg	11:01:38.913	0.3					T__				---		6942472	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.76	224.4	Lg	11:01:52.282	-0.3					T__				---		6942473	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.80	223.3	Lg	11:01:53.508	-0.0					T__				---		6942474	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VVHS	1.23	272.1	Sn	11:02:05.083	-2.0					T__				---		6942475	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/10/26 06:58:28.04 2.60 1.00 48.3650 21.2205 20.8 5.8 35 0.0f 6 4 243 0.07 0.52 sx BUD 17003276 BUD 316

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.07	169.5	Pg	06:58:29.805	-0.2					T__		193.7		___	ML	0.8	6942772	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.07	169.5	Lg	06:58:32.325	0.4					T__				---		6942773	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
JOS	0.47	286.3	Lg	06:58:45.498	0.7					T__				---		6942774	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.50	283.9	Lg	06:58:46.773	0.8					T__				---		6942771	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	0.52	242.7	Pg	06:58:38.350	-0.8					T__		42.7		___	ML	1.4	6942775	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.52	242.7	Lg	06:58:48.596	1.0					T__				---		6942776	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/10/26 07:01:55.18 2.14 0.65 48.2179 21.2099 16.7 6.5 147 0.0f 6 5 235 0.08 0.96 kx BUD 17003278 BUD 307  
 2021/10/26 07:01:55.47 1.03 1.22 48.2470 21.2460f 0.0f 6 5 253 0.05 0.99 kx BUD\_GT 17003279 BUD\_GT 310

(locality : Táallya Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	355.1	Pg	07:01:57.649	0.6					T__		5507.6		_c_	ML	2.2	6942794	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	07:01:58.604	-0.0					T__				---		6942795	FDSN	HU	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
HU02A 0.50 255.8 Lg 07:02:12.195 -1.9 T__ --- 6942796 FDSN ZJ 00 BUD iLoc HHN ??? _
JOS 0.53 298.1 Lg 07:02:13.973 -0.4 T__ --- 6942797 FDSN ZJ -- BUD iLoc HHN ??? _
KECS 0.56 295.3 Lg 07:02:14.777 -0.5 T__ --- 6942798 FDSN SK -- BUD iLoc EHN ??? _
ET1H 0.99 248.7 Lg 07:02:29.078 -1.7 T__ --- 6942799 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/26 08:31:52.62 0.85 1.34 48.8494 20.4984 5.7 3.3 82 0.0f 20 10 98 0.35 1.45 sx BUD 17003280 BUD 150

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 9 BUD 17003280

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.35 175.6 Pg 08:32:00.205 0.4 T__ 257.6 --- ML 1.7 6942837 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.35 175.6 Lg 08:32:05.916 0.6 T__ --- 6942846 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.37 181.3 Pg 08:32:00.282 0.2 T__ 453.7 --- ML 2.0 6942838 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.37 181.3 Lg 08:32:06.048 0.4 T__ --- 6942839 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 0.58 347.2 Pg 08:32:05.010 1.3 T__ 52.2 --- ML 1.5 6942847 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.58 347.2 Lg 08:32:10.493 -1.6 T__ --- 6942848 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.73 178.6 Pg 08:32:09.219 1.5 T__ 113.5 --- ML 2.0 6942841 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.73 178.6 Lg 08:32:18.634 -0.3 T__ --- 6942840 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ABAH 0.74 138.1 Pg 08:32:07.440 0.1 T__ 93.9 --- ML 1.9 6942842 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.74 138.1 Lg 08:32:17.645 -1.9 T__ --- 6942849 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.01 203.6 Pn 08:32:13.386 0.1 T__ 115.1 --- ML 2.1 6942843 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.01 203.6 Lg 08:32:27.578 -1.3 T__ --- 6942850 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
ET1H 1.06 203.5 Pn 08:32:14.500 0.8 T__ 52.9 --- ML 1.8 6942844 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.06 203.5 Sn 08:32:28.858 -1.4 T__ --- 6942851 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.16 252.7 Pn 08:32:15.633 0.4 T__ 18.7 --- ML 1.4 6942853 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.16 252.7 Lg 08:32:30.213 -2.3 T__ --- 6942854 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KOLS 1.17 85.2 Pg 08:32:15.513 0.6 T__ --- 6942845 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.17 85.2 Lg 08:32:29.816 -2.5 T__ --- 6942852 FDSN SK -- BUD iLoc HHN ??? _
OJC 1.45 341.9 Pn 08:32:19.997 0.4 T__ 187.7 --- ML 2.6 6942856 FDSN PL -- BUD iLoc BHZ BHZ _
OJC 1.45 341.9 Lg 08:32:37.720 -1.7 T__ --- 6942855 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/26	08:37:44.94	1.56	1.61	47.4072	18.3535	14.9	4.4	126	0.0f	10	8	105	0.08	1.21	sx	BUD	17003282	BUD				170

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.08	235.1	Pg	08:37:47.642	0.5					T__		1611.3		___	ML	1.7	6942893	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	235.1	Lg	08:37:48.912	-0.5					T__				---		6942902	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU09A	0.23	4.8	Lg	08:37:54.702	0.1					T__				---		6942894	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.29	274.9	Lg	08:37:56.314	-0.3					T__				---		6942895	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.60	247.1	Lg	08:38:05.668	-0.9					T__				---		6942896	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.13	64.7	Sn	08:38:22.414	-1.9					T__				---		6942897	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.13	16.4	Pn	08:38:08.062	0.9					T__		17.4		___	ML	1.4	6942901	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.13	16.4	Lg	08:38:23.681	-0.8					T__				---		6942900	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	1.16	63.3	Sn	08:38:23.417	-2.2					T__				---		6942898	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.21	170.4	Sn	08:38:23.245	-2.7					T__				---		6942899	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/26	09:10:08.81	1.98	0.77	47.2783	18.2112	16.8	6.9	151	0.0f	4	3	235	0.09	0.47	sx	BUD	17003284	BUD					308

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.09	21.5	Pg	09:10:11.548	0.2					T__		181.7		___	ML	0.8	6942918	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	21.5	Lg	09:10:13.143	-0.6					T__				---		6942919	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
HU08A	0.25	308.2	Lg	09:10:19.035	0.0					T__				---		6942920	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.47	257.0	Lg	09:10:25.747	-0.4					T__				---		6942921	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/26	09:43:11.09	1.32	1.18	48.5409	20.8191	7.2	5.4	41	0.0f	12	8	152	0.19	1.32	sx	BUD	17003286	BUD					226

Magnitude Err Nsta Author OrigID  
ML 1.5 0.4 4 BUD 17003286

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.19	256.5	Pg	09:43:15.842	0.7					T__		319.0		___	ML	1.3	6942970	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	256.5	Lg	09:43:18.251	-0.0					T__				---		6942973	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.23	255.5	Pg	09:43:16.283	0.4					T__		1659.5		___	ML	2.2	6942971	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.23	255.5	Lg	09:43:19.229	-0.4					T__				---		6942974	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									

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(Station ML: 2.2 magdef=1
ABAH 0.37 131.0 Lg 09:43:24.784 -0.6 T__
HU02A 0.46 205.2 Pg 09:43:21.668 0.8 T__ 34.5 --- ML 1.1 6942977 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.46 205.2 Lg 09:43:27.815 -0.6 T__ --- 6942976 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
PSZ 0.88 225.1 Lg 09:43:41.066 -1.7 T__
ET1H 0.92 224.1 Pn 09:43:29.832 -0.3 T__ 41.2 --- ML 1.6 6942980 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.92 224.1 Lg 09:43:42.736 -1.0 T__ --- 6942979 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 0.94 338.9 Lg 09:43:41.247 -1.0 T__
VYHS 1.32 268.7 Sn 09:43:53.246 -2.3 T__ --- 6942978 FDSN PL -- BUD iLoc BHN ??? _
--- 6942981 FDSN SK -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/26 10:07:00.33 1.05 1.14 47.3494 18.4003 5.7 3.9 132 0.0f 16 12 110 0.10 1.28 sx BUD 17003288 BUD 127

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD 17003288

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.10 278.2 Pg 10:07:03.593 0.7 T__ 2750.4 _c_ ML 2.0 6943039 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 278.2 Lg 10:07:04.507 -0.9 T__ --- 6943041 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MSW1 0.11 294.4 Pg 10:07:04.262 1.2 T__ 1810.2 --- ML 1.9 6943053 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.11 294.4 Lg 10:07:04.994 -0.8 T__ --- 6943054 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU09A 0.29 357.6 Pg 10:07:07.408 0.8 T__ 291.3 --- ML 1.6 6943043 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.29 357.6 Lg 10:07:11.091 -0.9 T__ --- 6943042 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU08A 0.33 284.4 Lg 10:07:12.131 -1.3 T__ --- 6943044 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.61 253.3 Lg 10:07:21.291 -1.0 T__ --- 6943045 FDSN HU -- BUD iLoc HHN ??? _
HU10A 0.65 39.9 Lg 10:07:23.186 -1.3 T__ --- 6943040 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.13 61.4 Sn 10:07:38.451 -1.2 T__ --- 6943046 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.15 171.5 Lg 10:07:39.151 -0.6 T__ --- 6943047 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.16 60.1 Sn 10:07:40.108 -0.8 T__ --- 6943048 FDSN GE -- BUD iLoc HHN ??? _
VYHS 1.18 14.2 Pn 10:07:24.153 0.9 T__ 14.9 --- ML 1.3 6943050 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.18 14.2 Sn 10:07:39.965 -1.5 T__ --- 6943049 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MODS 1.27 324.0 Sn 10:07:42.336 -1.4 T__ --- 6943051 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.28 189.4 Sn 10:07:42.889 -0.1 T__ --- 6943052 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/10/27 01:44:58.40 1.17 0.80 48.0891 22.9138 9.2 5.9 58 5.6 10.2 72 46 140 0.25 5.03 ke BUD 17003292 BUD 161

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Magnitude Err Nsta Author OrigID

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ML 3.2 0.2 33 BUD 17003292

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
TRPA	0.25	279.5	Pg	01:45:03.935	0.4					T__		4911.4		---	ML	2.7	6973385	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.25	279.5	Lg	01:45:08.522	0.4					T__				---		6973402	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BMR	0.57	136.5	Pg	01:45:09.039	-0.6					T__		3043.7		_d	ML	3.3	6973387	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BMR	0.57	136.5	Lg	01:45:17.303	-1.4					T__				---		6973403	FDSN	RO	--	BUD	iLoc	HHN	???	_	
HU07A	0.68	261.2	Pg	01:45:12.510	0.8					T__		4714.8		_d	ML	3.6	6973386	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
KOLS	0.95	333.5	Pg	01:45:16.208	-0.1					T__				---		6973389	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.95	333.5	Lg	01:45:31.043	0.2					T__				---		6973404	FDSN	SK	--	BUD	iLoc	HHN	???	_	
LTVH	0.98	224.5	Pg	01:45:18.481	0.4					T__		1354.9		---	ML	3.2	6973388	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.14	281.1	Pn	01:45:19.179	-0.6					T__		2328.4		---	ML	3.5	6973390	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.14	281.1	Sn	01:45:36.162	-0.8					T__				---		6973405	FDSN	HU	--	BUD	iLoc	HHN	???	_	
DRGR	1.31	186.1	Pn	01:45:22.273	-0.3					T__		784.4		---	ML	3.1	6973391	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.31	186.1	Sn	01:45:41.777	0.2					T__				---		6973406	FDSN	RO	--	BUD	iLoc	HHN	???	_	
ARCR	1.40	135.3	Pn	01:45:24.205	0.3					T__		1486.5		---	ML	3.5	6973392	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
ARCR	1.40	135.3	Lg	01:45:44.577	-0.2					T__				---		6973407	FDSN	RO	--	BUD	iLoc	HHN	???	_	
CJR	1.45	161.1	Pn	01:45:25.141	0.4					T__		2220.2		---	ML	3.7	6973393	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
KWP	1.55	355.0	Pn	01:45:25.349	-1.0					T__		303.7		---	ML	2.8	6973394	FDSN	PL	--	BUD	iLoc	HHZ	HHZ	_
KWP	1.55	355.0	Sn	01:45:45.349	-3.1					T__				---		6973408	FDSN	PL	--	BUD	iLoc	HHE	???	_	
HU02A	1.60	272.1	Pn	01:45:25.593	-0.9					T__		584.2		---	ML	3.2	6973395	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.60	272.1	Lg	01:45:51.089	-1.1					T__				---		6973409	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	1.64	285.3	Pn	01:45:26.393	-0.4					T__		822.1		---	ML	3.3	6973396	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.64	285.3	Pg	01:45:29.079	-0.6					T__				---		6973411	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
JOS	1.64	285.3	Sn	01:45:48.831	-0.1					T__				---		6973410	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	1.67	284.6	Pg	01:45:29.735	-0.6					T__		897.4		---	ML	3.4	6973413	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.67	284.6	Sn	01:45:49.735	0.0					T__				---		6973412	FDSN	SK	--	BUD	iLoc	EHN	???	_	
TENKA	1.78	256.8	Sn	01:45:52.282	0.3					T__				---		6973414	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TENKA	1.78	256.8	Lg	01:45:57.985	0.4					T__				---		6973425	FDSN	HU	--	BUD	iLoc	HHE	???	_	

ATANC	1.79	255.5	Pn	01:45:28.743	-0.1	T__	729.4	___ ML	3.4	6973397	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ATANC	1.79	255.5	Sn	01:45:52.596	0.5	T__		---		6973415	FDSN	HU	--	BUD	iLoc	HHN	???	_
ATANC	1.79	255.5	Lg	01:45:58.464	0.6	T__		---		6973426	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 3.4 magdef=1)																		
(Station ML: 3.4 magdef=1)																		
HU23A	1.85	256.9	Sn	01:45:53.961	0.3	T__		---		6973416	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU23A	1.85	256.9	Lg	01:46:00.573	0.7	T__		---		6973427	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BSZH	1.95	247.1	Sn	01:45:57.156	1.1	T__		---		6973428	FDSN	HU	--	BUD	iLoc	HHN	???	_
SIRR	2.01	205.6	Pn	01:45:32.272	-0.0	T__	131.1	___ ML	2.7	6973429	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	2.01	205.6	Sn	01:45:58.677	0.6	T__		---		6973417	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																		
(Station ML: 2.7 magdef=0)																		
PSZ	2.03	266.3	Pn	01:45:31.951	-0.7	T__	278.7	_d_ ML	3.1	6973398	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	2.03	266.3	Sn	01:45:58.253	-0.6	T__		---		6973430	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.1 magdef=1)																		
(Station ML: 3.1 magdef=1)																		
ET1H	2.05	265.3	Pn	01:45:32.131	-0.6	T__	201.5	___ ML	2.9	6973399	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	2.05	265.3	Sn	01:45:58.536	-0.3	T__		---		6973418	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.9 magdef=1)																		
(Station ML: 2.9 magdef=1)																		
HU06A	2.11	230.0	Sn	01:46:00.470	0.9	T__		---		6973431	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
NIE	2.18	308.5	Pn	01:45:35.475	0.7	T__	87.4	___ ML	2.7	6973400	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 2.7 magdef=1)																		
(Station ML: 2.7 magdef=0)																		
DEV	2.21	180.2	Pg	01:45:39.921	-0.4	T__	385.1	___ ML	3.3	6973419	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	2.21	180.2	Lg	01:46:10.417	1.1	T__		---		6973420	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.3 magdef=1)																		
(Station ML: 3.3 magdef=1)																		
HU03A	2.23	266.5	Pn	01:45:36.231	1.1	T__	283.9	___ ML	3.2	6973401	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																		
(Station ML: 3.2 magdef=1)																		
AMBH	2.29	221.4	Pg	01:45:42.704	-0.6	T__		---		6973421	FDSN	HU	--	BUD	iLoc	BHZ	???	_
AMBH	2.29	221.4	Lg	01:46:14.357	1.2	T__		---		6973432	FDSN	HU	--	BUD	iLoc	BHN	???	_
HU01A	2.35	252.7	Lg	01:46:16.013	-0.2	T__		---		6973422	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
BZS	2.63	200.3	Pn	01:45:40.735	-0.2	T__	84.5	___ ML	2.9	6973433	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1)																		
(Station ML: 2.9 magdef=0)																		
HU10A	2.63	266.1	Pn	01:45:40.431	-0.2	T__	172.5	___ ML	3.2	6973434	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	2.63	266.1	Pg	01:45:49.150	-0.6	T__		---		6973423	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.2 magdef=1)																		
(Station ML: 3.2 magdef=1)																		
HU04A	2.66	242.5	Sn	01:46:12.682	-0.0	T__		---		6973424	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
GZR	2.70	182.1	Pn	01:45:43.297	1.0	T__	162.5	___ ML	3.2	6973435	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																		
(Station ML: 3.2 magdef=1)																		
LOT	2.71	167.1	Pn	01:45:41.974	-0.7	T__	363.7	___ ML	3.6	6973437	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	2.71	167.1	Pg	01:45:49.991	0.3	T__		---		6973436	FDSN	RO	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.6 magdef=1)																		
(Station ML: 3.6 magdef=0)																		
VYHS	2.75	280.0	Pn	01:45:42.222	-0.4	T__	43.9	___ ML	2.7	6973438	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	2.75	280.0	Sn	01:46:16.520	0.3	T__		---		6973439	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																		
(Station ML: 2.7 magdef=0)																		

OJC	2.95	317.4	Pg	01:45:56.024	2.4	T__	99.0	___	ML	3.1	6973440	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
CSKK	3.22	258.7	Pn	01:45:48.379	-0.5	T__	142.3	___	ML	3.4	6973441	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	3.22	258.7	Sn	01:46:27.016	0.1	T__		___			6973442	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=1)																			
MSW2	3.27	257.8	Pn	01:45:49.082	-0.5	T__	67.0	___	ML	3.1	6973444	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	3.27	257.8	Sn	01:46:27.759	-0.3	T__		___			6973443	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.1 magdef=1)																			
(Station ML: 3.1 magdef=1)																			
A331A	3.29	290.6	Pn	01:45:51.231	1.0	T__	100.5	___	ML	3.3	6973445	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=1)																			
MSW3	3.31	259.4	Sn	01:46:29.660	0.8	T__		___			6973446	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	3.43	260.8	Sn	01:46:32.553	0.7	T__		___			6973447	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	3.46	238.8	Pg	01:46:05.859	0.3	T__	54.2	___	ML	3.2	6973448	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.2 magdef=1)																			
(Station ML: 3.2 magdef=1)																			
JAVC	3.57	284.4	Pn	01:45:54.206	-0.2	T__	132.8	___	ML	3.6	6973449	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	3.57	284.4	Sn	01:46:37.098	-0.5	T__		___			6973450	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=0)																			
MPLH	3.75	257.8	Sn	01:46:39.743	0.1	T__		___			6973451	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	3.78	276.4	Pn	01:45:57.098	0.0	T__		___			6973452	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MORC	3.92	297.5	Pn	01:45:57.925	-1.2	T__	88.0	___	ML	3.5	6973456	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
VRAC	4.36	288.6	Sn	01:46:56.107	-1.0	T__		___			6973453	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CONA	4.74	270.7	Pn	01:46:09.495	-0.9	T__	65.5	___	ML	3.6	6973454	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=0)																			
A013A	5.03	272.5	Pn	01:46:14.206	-0.2	T__	65.8	___	ML	3.7	6973455	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/27	08:55:05.03	1.30	1.05	48.5346	20.8270	7.3	6.1	32	0.0f		13	8	152	0.20	1.32	sx	BUD	17003298	BUD			227

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	17003298

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.20	258.6	Pg	08:55:09.807	0.7					T__		374.3		___	ML	1.4	6943243	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	258.6	Lg	08:55:12.213	-0.1					T__				___		6943244	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.23	257.4	Pg	08:55:10.292	0.4					T__	1687.9			___	ML	2.2	6943245	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	257.4	Lg	08:55:13.354	-0.3					T__				___		6943247	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
ABAH	0.36	130.8	Lg	08:55:18.726	-0.3					T__				___		6943248	FDSN	HU	--	BUD	iLoc	HHN	???	_	

HU02A	0.46	206.1	Lg	08:55:21.931	-0.3	T__								6943249	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.88	225.7	Pn	08:55:23.434	-0.2	T__	54.2							6943251	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	225.7	Lg	08:55:35.309	-1.4	T__								6943250	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
ET1H	0.92	224.6	Pn	08:55:24.061	0.0	T__	55.7							6943254	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	224.6	Lg	08:55:36.592	-1.0	T__								6943253	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
NIE	0.95	338.7	Lg	08:55:35.238	-1.2	T__								6943252	FDSN	PL	--	BUD	iLoc	BHN	???	_
VYHS	1.32	269.0	Pn	08:55:30.965	1.0	T__	20.7							6943255	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.32	269.0	Sn	08:55:47.527	-2.1	T__								6943246	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/27	09:50:27.71	1.08	0.74	46.8740	17.3408	6.2	5.4	104	0.0f	9	8	83	0.15	1.11	sx	BUD	17003300	BUD				143

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.15	300.7	Pg	09:50:32.021	0.6					T__		5588.5			ML	2.5	6943309	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.15	300.7	Lg	09:50:33.396	-1.0					T__						6943308	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=0)																									
A263A	0.23	184.4	Lg	09:50:36.143	-0.8					T__						6943304	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.33	24.6	Lg	09:50:40.153	-0.3					T__						6943310	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.80	51.7	Lg	09:50:56.307	-0.8					T__						6943306	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOGS	0.86	240.8	Lg	09:50:55.620	-0.4					T__						6943305	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	0.94	146.0	Lg	09:51:00.170	0.4					T__						6943307	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	1.04	42.5	Sn	09:51:04.155	-0.5					T__						6943311	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.11	125.8	Sn	09:51:05.866	-0.0					T__						6943312	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/27	10:22:16.50	1.62	1.55	47.5487	18.4806	14.6	3.9	98	0.0f	5	3	204	0.11	0.98	kx	BUD	17003302	BUD				309
2021/10/27	10:22:16.74	1.00	1.09	47.5600	18.4573f				0.0f	5	3	199	0.09	0.97	kx	BUD_GT	17003303	BUD_GT				312

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	327.2	Pg	10:22:20.052	0.9					T__		829.1			ML	1.5	6943345	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	10:22:20.947	-0.6					T__						6943346	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CSKK	0.24	214.2	Pg	10:22:22.429	0.4					T__		184.6			ML	1.2	6943347	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	10:22:25.217	-1.4					T__						6943348	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/10/27	10:48:58.45	1.42	0.86	48.7979	21.4086	40.5	4.4	158	0.0f	8	5	193		0.59	1.38	sx	BUD	17003304	BUD			338			
Magnitude Err Nsta Author OrigID ML 1.8 0.1 3 BUD 17003304																									
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.59	76.3	Pg	10:49:10.154	0.4					T__						6943405	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.59	76.3	Lg	10:49:18.091	-1.3					T__						6943406	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.65	242.7	Lg	10:49:20.837	-0.3					T__						6943409	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
KECS	0.69	243.1	Pg	10:49:12.476	0.3					T__		82.0			ML	1.8	6943408	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.69	243.1	Lg	10:49:21.500	-1.0					T__						6943407	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
HU02A	0.90	221.3	Pn	10:49:17.093	-0.2					T__		51.7			ML	1.7	6943410	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.90	221.3	Lg	10:49:30.648	0.0					T__						6943411	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
ET1H	1.38	228.7	Pn	10:49:24.724	0.8					T__		72.7			ML	2.1	6943412	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2021/10/27	11:36:31.39	1.21	1.01	46.0966	16.3761	9.6	4.1	129	0.0f	12	8	151		0.34	1.87	sx	BUD	17003306	BUD			200			
Magnitude Err Nsta Author OrigID ML 1.6 0.4 4 BUD 17003306																									
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PTJ	0.34	236.5	Pg	11:36:38.456	-0.2					T__		95.2			ML	1.2	6943469	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.34	236.5	Lg	11:36:43.305	-0.7					T__						6943478	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
KOGS	0.36	346.1	Pg	11:36:38.551	-0.4					T__		147.7			ML	1.5	6943474	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.36	346.1	Lg	11:36:44.443	0.3					T__						6943471	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
BEHE	0.47	36.4	Pg	11:36:41.368	0.1					T__		574.9			ML	2.4	6943467	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.47	36.4	Lg	11:36:47.931	-0.2					T__						6943472	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
CRES	0.70	247.4	Pg	11:36:44.923	0.1					T__		81.4			ML	1.8	6943468	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.70	247.4	Lg	11:36:56.542	1.5					T__						6943475	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
ARSA	1.30	333.3	Lg	11:37:13.011	0.3					T__						6943476	FDSN	OE	--	BUD	iLoc	HHN	???	_	
OBKA	1.33	288.7	Lg	11:37:14.382	-0.0					T__						6943470	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORH	1.58	84.9	Sn	11:37:22.047	1.2					T__						6943473	FDSN	HU	--	BUD	iLoc	HHN	???	_	

CONA 1.87 349.3 Sn 11:37:30.557 2.1 T\_\_ --- 6943477 FDSN OE -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/27	12:38:45.86	1.28	1.12	48.8725	20.7403	8.6	6.1	79	0.0f		11	7	177	0.40	1.15	sx	BUD	17003308	BUD			299

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	17003308

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.40	199.5	Pg	12:38:54.491	0.6					T__		64.2		---	ML	1.2	6943540	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.40	199.5	Lg	12:38:59.647	-0.4					T__				---		6943542	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.42	203.5	Pg	12:38:54.790	0.4					T__		123.0		---	ML	1.6	6943541	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.42	203.5	Lg	12:39:01.300	0.4					T__				---		6943545	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.62	332.3	Lg	12:39:05.673	-0.7					T__				---		6943546	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	0.67	149.9	Pg	12:38:59.834	0.7					T__		91.1		---	ML	1.8	6943548	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.67	149.9	Lg	12:39:08.686	-1.5					T__				---		6943547	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.76	190.9	Pg	12:39:01.906	0.3					T__		45.0		---	ML	1.6	6943544	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	190.9	Lg	12:39:11.718	-1.8					T__				---		6943543	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	1.11	210.9	Sn	12:39:23.718	-1.6					T__				---		6943549	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.15	210.6	Sn	12:39:25.111	-0.7					T__				---		6943550	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/28	07:31:24.78	0.94	1.46	47.3143	17.6670	8.5	3.5	138	0.0f		12	8	86	0.17	1.37	kx	BUD	17003312	BUD			135
2021/10/28	07:31:24.58	0.91	0.98	47.3300	17.6350f				0.0f		12	8	94	0.17	1.34	kx	BUD_GT	17003313	BUD_GT			144

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD_GT	17003313

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.17	202.2	Pg	07:31:29.053	0.4					T__		418.5		---	ML	1.4	6943611	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.17	202.2	Lg	07:31:31.389	-0.7					T__				---		6943610	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU08A	0.22	62.6	Pg	07:31:30.060	0.5					T__		464.8		---	ML	1.6	6943612	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.22	62.6	Lg	07:31:33.498	-0.3					T__				---		6943609	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
CSKK	0.43	85.3	Lg	07:31:39.691	-1.4					T__				---		6943613	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.59	58.4	Lg	07:31:45.361	-1.5					T__				---		6943614	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MODS	1.07	347.1	Sn	07:32:00.777	-2.0					T__				---		6943615	FDSN	SK	--	BUD	iLoc	HHN	???	_	

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KOVH  1.28 165.4 Sn    07:32:07.038 -0.1      T__
MORH  1.31 147.8 Pg    07:31:51.285  0.7      T__
MORH  1.31 147.8 Sn    07:32:07.972  0.1      T__
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
CONA  1.34 297.2 Pg    07:31:51.822  0.9      T__
CONA  1.34 297.2 Lg    07:32:08.635  0.4      T__
(Reading ML:  2.2 magdef=1
(Station ML:  2.2 magdef=1

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Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/10/28 08:38:55.33  1.56  1.01 48.4957  20.8327  11.1  6.0  21  0.0f      9   7 215  0.20  1.33  sx BUD      17003316  BUD                298

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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  0.20 270.1 Pg    08:38:59.644  0.2      T__      145.1  --- ML  1.0 6943684  FDSN  ZJ  -- BUD  iLoc  HHZ HHZ _
JOS  0.20 270.1 Lg    08:39:02.504 -0.2      T__      ---      6943689  FDSN  ZJ  -- BUD  iLoc  HHN ??? _
(Reading ML:  1.0 magdef=1
(Station ML:  1.0 magdef=1
KECS  0.23 267.0 Pg    08:39:00.434  0.3      T__      389.3  --- ML  1.5 6943685  FDSN  SK  -- BUD  iLoc  EHZ EHZ _
KECS  0.23 267.0 Lg    08:39:03.528 -0.4      T__      ---      6943690  FDSN  SK  -- BUD  iLoc  EHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
ABAH  0.34 126.2 Lg    08:39:08.019 -0.4      T__      ---      6943691  FDSN  HU  -- BUD  iLoc  HHN ??? _
HU02A 0.43 208.9 Lg    08:39:11.873  0.4      T__      ---      6943686  FDSN  ZJ  00 BUD  iLoc  HHN ??? _
PSZ   0.85 227.7 Lg    08:39:25.583 -0.6      T__      ---      6943692  FDSN  GE  -- BUD  iLoc  HHN ??? _
ET1H  0.89 226.6 Lg    08:39:26.743 -0.3      T__      ---      6943687  FDSN  HU  -- BUD  iLoc  HHN ??? _
VYHS  1.33 270.7 Sn    08:39:37.750 -2.2      T__      ---      6943688  FDSN  SK  -- BUD  iLoc  HHN ??? _

```

```

Date      Time      Err    RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/10/28 08:48:55.14  1.29  0.44 48.6239  19.2423  11.8  3.7 174  0.0f      10  6 213  0.30  0.99  sx BUD      17003318  BUD                307

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Magnitude Err Nsta Author OrigID  
ML 1.9 0.1 4 BUD 17003318

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
VYHS 0.30 244.4 Pg    08:49:01.649  0.3      T__      41.5  --- ML  0.8 6943739  FDSN  SK  -- BUD  iLoc  HHZ HHZ _
VYHS 0.30 244.4 Lg    08:49:05.524 -0.5      T__      ---      6943740  FDSN  SK  -- BUD  iLoc  HHN ??? _
(Reading ML:  0.8 magdef=1
(Station ML:  0.8 magdef=1
PSZ   0.83 148.1 Lg    08:49:24.874 -0.3      T__      ---      6943744  FDSN  GE  -- BUD  iLoc  HHN ??? _
KECS  0.84 99.2 Pg    08:49:12.301  0.5      T__      95.6  --- ML  1.9 6943748  FDSN  SK  -- BUD  iLoc  EHZ EHZ _
KECS  0.84 99.2 Lg    08:49:23.952 -0.4      T__      ---      6943741  FDSN  SK  -- BUD  iLoc  EHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
ET1H  0.86 150.3 Lg    08:49:25.747  0.1      T__      ---      6943745  FDSN  HU  -- BUD  iLoc  HHN ??? _
JOS   0.87 98.0 Pg    08:49:12.583  0.2      T__      68.1  --- ML  1.8 6943743  FDSN  ZJ  -- BUD  iLoc  HHZ HHZ _
JOS   0.87 98.0 Lg    08:49:24.833 -0.6      T__      ---      6943742  FDSN  ZJ  -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1

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(Station ML: 1.8 magdef=1
HU02A 0.99 119.9 Pn 08:49:15.320 -0.1 T__ 70.4 ___ ML 1.9 6943747 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.99 119.9 Lg 08:49:29.632 -0.4 T__ ___ 6943746 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/28	09:10:34.72	1.87	0.95	46.8172	22.8777	34.4	4.2	178	0.0f	11	6	204	0.12	1.50	sx	BUD	17003320	BUD				257

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Magnitude Err Nsta Author OrigID
ML 2.0 0.4 5 BUD 17003320

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
DRGR	0.12	257.4	Pg	09:10:37.593	0.1					T__		679.5		___	ML	1.5 6943780	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_		
DRGR	0.12	257.4	Lg	09:10:39.468	-0.4					T__				---		6943781	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0)																										
CJR	0.51	101.6	Pg	09:10:45.269	0.4					T__		379.7		___	ML	2.3 6943782	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_		
CJR	0.51	101.6	Lg	09:10:51.363	-1.5					T__				---		6943783	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=0)																										
SIRR	1.00	237.3	Pn	09:10:54.722	-0.3					T__		29.3		___	ML	1.5 6943785	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_		
SIRR	1.00	237.3	Lg	09:11:08.660	-0.6					T__				---		6943784	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
GZR	1.43	182.9	Pn	09:11:02.251	0.9					T__		46.5		___	ML	2.0 6943786	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_		
GZR	1.43	182.9	Sn	09:11:22.563	0.9					T__				---		6943787	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																										
BZS	1.49	216.6	Sn	09:11:23.126	0.6					T__				---		6943788	FDSN	RO	--	BUD	iLoc	HHN	???	_		
LOT	1.50	155.3	Pn	09:11:04.131	1.4					T__		82.0		___	ML	2.2 6943790	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_		
LOT	1.50	155.3	Sn	09:11:24.693	0.6					T__				---		6943789	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/28	09:38:11.60	1.19	1.13	48.2242	21.2243	8.0	3.8	143	0.0f	17	10	154	0.07	1.62	kx	BUD	17003322	BUD				205
2021/10/28	09:38:11.55	0.88	1.05	48.2470	21.2460f				0.0f	17	10	151	0.05	1.63	kx	BUD_GT	17003323	BUD_GT				204

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

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Magnitude Err Nsta Author OrigID
ML 1.9 0.1 7 BUD_GT 17003323

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
ABAH	0.05	355.1	Pg	09:38:13.519	0.4					T__		31304.5		___	ML	2.9 6943852	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ABAH	0.05	355.1	Lg	09:38:14.612	-0.1					T__				---		6943856	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0)																										
HU02A	0.50	255.8	Pg	09:38:21.928	-0.2					T__		106.0		___	ML	1.7 6943857	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		

HU02A	0.50	255.8	Lg	09:38:28.959	-1.3	T__								6943858	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=0)																						
JOS	0.53	298.1	Pg	09:38:22.742	0.5	T__	125.6							6943853	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:38:30.085	-0.4	T__								6943854	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
KECS	0.56	295.3	Pg	09:38:23.513	0.7	T__	160.9							6943855	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	09:38:30.810	-0.6	T__								6943859	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
TRPA	0.87	97.2	Lg	09:38:41.566	-1.4	T__								6943860	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	0.96	250.6	Pn	09:38:31.638	0.3	T__	101.3							6943862	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:38:44.013	-2.3	T__								6943861	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
KOLS	0.97	44.4	Pn	09:38:31.872	0.4	T__								6943863	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.97	44.4	Lg	09:38:44.809	-1.0	T__								6943864	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.99	248.7	Pn	09:38:31.941	0.4	T__	65.4							6943866	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	09:38:45.066	-1.8	T__								6943865	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
NIE	1.33	332.3	Pg	09:38:38.332	1.7	T__	38.7							6943867	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
VYHS	1.63	279.6	Sn	09:39:03.611	0.3	T__								6943868	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/28	10:29:46.61	0.98	1.00	48.4101	17.2943	5.5	3.8	108	0.0f		9	7	112	0.04	1.31	sx	BUD	17003324	BUD			168

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.04	197.2	Pg	10:29:47.734	-0.3					T__						6943909	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.04	197.2	Lg	10:29:49.640	0.1					T__						6943910	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.51	28.9	Lg	10:30:04.781	-0.9					T__						6943911	FDSN	CZ	--	BUD	iLoc	HHE	???	_
KRUC	0.88	318.0	Pg	10:30:04.656	1.1					T__	45.8					6943912	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.88	318.0	Lg	10:30:14.906	-1.7					T__						6943913	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
RONA	0.98	223.7	Lg	10:30:19.328	0.6					T__						6943914	FDSN	OE	--	BUD	iLoc	HHN	???	_
VYHS	1.03	84.7	Lg	10:30:22.944	0.7					T__						6943916	FDSN	SK	--	BUD	iLoc	HHN	???	_
CONA	1.07	243.8	Lg	10:30:22.076	0.4					T__						6943915	FDSN	OE	--	BUD	iLoc	HHN	???	_
A013A	1.31	255.3	Lg	10:30:28.576	-0.2					T__						6943917	FDSN	Z3	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/28	10:51:46.45	1.67	0.59	47.8888	20.1352	15.7	3.6	159	0.0f		9	5	218	0.16	1.06	kx	BUD	17003326	BUD			243
2021/10/28	10:51:46.07	0.94	0.61	47.8650	20.1529f				0.0f		9	5	230	0.18	1.08	kx	BUD_GT	17003327	BUD_GT			252

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

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.1 4 BUD\_GT 17003327

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.18	287.2	Pg	10:51:50.890	0.3					T__		692.9		---	ML	1.6 6943957	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	10:51:53.682	-0.5					T__				---		6943958	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
ET1H	0.19	274.4	Pg	10:51:50.984	0.4					T__		553.3		---	ML	1.6 6943956	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	10:51:53.420	-0.6					T__				---		6943962	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
HU02A	0.36	44.0	Pg	10:51:54.307	0.4					T__		128.6		---	ML	1.4 6943960	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	10:51:59.274	-0.8					T__				---		6943959	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
JOS	0.68	22.1	Pg	10:52:00.289	0.5					T__		62.7		---	ML	1.7 6943963	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	10:52:10.202	0.0					T__				---		6943961	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
VYHS	1.08	306.0	Lg	10:52:22.713	-1.0					T__				---		6943964	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/10/28 12:05:36.42 1.21 1.08 48.9083 21.1323 7.9 5.3 88 0.0f 10 6 134 0.57 0.88 sx BUD 17003328 BUD 222

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.0 4 BUD 17003328

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.57	223.8	Pg	12:05:48.232	0.5					T__		77.7		---	ML	1.7 6943994	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.57	223.8	Lg	12:05:55.763	-0.6					T__				---		6943997	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KECS	0.60	225.4	Pg	12:05:48.993	0.5					T__		95.5		---	ML	1.8 6943995	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.60	225.4	Lg	12:05:56.868	-0.7					T__				---		6943998	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
ABAH	0.62	173.3	Lg	12:05:58.283	-0.7					T__				---		6943999	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	0.75	313.4	Pg	12:05:51.121	0.6					T__		58.1		---	ML	1.7 6944001	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.75	313.4	Lg	12:06:00.184	-1.0					T__				---		6944000	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KOLS	0.75	87.7	Lg	12:06:02.142	-0.8					T__				---		6944002	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	0.88	207.4	Pg	12:05:55.657	1.1					T__		53.0		---	ML	1.7 6943996	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.88	207.4	Lg	12:06:06.375	-1.8					T__				---		6944003	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

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

2021/10/28 13:00:38.07 0.93 0.93 47.9025 16.0993 5.6 4.0 31 0.0f 13 9 88 0.16 1.51 sx BUD 17003330 BUD 152

Magnitude Err Nsta Author OrigID  
ML 1.6 0.5 4 BUD 17003330

Sta	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	279.3	Pg	13:00:41.500	-0.0					T__		278.7		---	ML	1.2 6944055	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	279.3	Lg	13:00:43.372	-0.6					T__				---		6944058	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
RONA	0.24	146.7	Pg	13:00:43.468	0.3					T__		186.8		---	ML	1.2 6944056	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	146.7	Lg	13:00:46.447	-0.3					T__				---		6944059	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																								
ARSA	0.76	211.1	Lg	13:01:02.447	0.1					T__				---		6944060	FDSN	OE	--	BUD	iLoc	HHE	???	_
MODS	0.92	58.7	Lg	13:01:09.654	-1.3					T__				---		6944061	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.18	9.5	Pg	13:01:01.658	1.0					T__		53.8		---	ML	1.9 6944057	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.18	9.5	Sn	13:01:17.720	-0.3					T__				---		6944062	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
JAVC	1.42	47.0	Sn	13:01:26.514	1.6					T__				---		6944063	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	1.44	12.9	Sn	13:01:25.324	0.7					T__				---		6944065	FDSN	CZ	--	BUD	iLoc	HHN	???	_
TREC	1.45	344.0	Lg	13:01:26.845	1.5					T__				---		6944064	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.51	308.2	Pn	13:01:05.885	0.0					T__		97.1		---	ML	2.3 6944067	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.51	308.2	Sn	13:01:26.183	-0.2					T__				---		6944066	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/10/29	06:25:55.45	1.12	1.17	48.0263	20.3689	12.3	3.4	146	0.0f	8	5	181	0.14	0.64		kx	BUD	17003334	BUD			199		
2021/10/29	06:25:54.98	0.95	1.37	47.9767	20.3679f				0.0f	8	5	192	0.18	0.67		kx	BUD_GT	17003335	BUD_GT			218		
(locality : Eger-III. Hungary) (GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID  
ML 1.0 0.1 3 BUD\_GT 17003335

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU02A	0.18	35.8	Pg	06:25:59.721	0.5					T__		136.7		---	ML	0.9 6944133	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	06:26:01.057	-1.7					T__				---		6944134	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								
PSZ	0.32	259.8	Pg	06:26:03.611	1.3					T__		59.3		---	ML	1.0 6944136	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	259.8	Lg	06:26:07.892	-0.0					T__				---		6944135	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
ET1H	0.35	253.9	Lg	06:26:08.685	0.4					T__				---		6944137	FDSN	HU	--	BUD	iLoc	HHN	???	_
JOS	0.53	12.4	Pg	06:26:05.848	0.1					T__		59.0		---	ML	1.5 6944138	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	06:26:11.973	-2.0					T__				---		6944132	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
ABAH	0.67	61.0	Lg	06:26:17.533	-2.0					T__				---		6944139	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/29	08:13:51.45	3.09	1.28	48.8710	21.1114	22.8	8.4	86	0.0f		8	5	251	0.53	1.29	sx	BUD	17003336	BUD			340

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	3 BUD	17003336

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.53	225.5	Pg	08:14:03.209	1.1					T__		52.5		___	ML	1.5	6944163	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	225.5	Lg	08:14:09.647	-0.5					T__				---		6944165	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.57	227.1	Pg	08:14:03.631	0.8					T__		100.8		___	ML	1.8	6944164	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.57	227.1	Lg	08:14:10.674	-0.7					T__				---		6944166	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	0.76	316.1	Lg	08:14:15.520	-1.3					T__				---		6944167	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.84	207.7	Pg	08:14:08.566	-0.3					T__		59.2		___	ML	1.7	6944169	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	207.7	Lg	08:14:20.170	-1.7					T__				---		6944168	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	1.29	220.3	Sn	08:14:33.780	-1.1					T__				---		6944170	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/29	08:50:40.74	0.89	0.94	46.9070	17.3917	4.7	3.7	103	0.0f		18	14	93	0.17	2.00	sx	BUD	17003338	BUD			114

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BUD	17003338

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.17	285.2	Pg	08:50:44.924	0.1					T__		32691.3		_d	ML	3.3	6944206	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.17	285.2	Lg	08:50:46.955	-1.1					T__				---		6944209	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 3.3 magdef=1)																									
(Station ML: 3.3 magdef=1)																									
A263A	0.27	191.2	Lg	08:50:50.299	-0.9					T__				---		6944210	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.28	21.0	Pg	08:50:47.768	0.8					T__		417.3		___	ML	1.7	6944212	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.28	21.0	Lg	08:50:51.081	-0.9					T__				---		6944211	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
EGYH	0.51	355.4	Lg	08:50:58.500	-1.1					T__				---		6944213	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BEHE	0.61	224.4	Lg	08:51:00.691	-1.1					T__				---		6944214	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.64	34.5	Lg	08:51:03.236	-1.1					T__				---		6944215	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOGS	0.91	240.1	Lg	08:51:10.930	0.4					T__				---		6944216	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KOVH	0.95	148.9	Pg	08:51:00.346	0.3					T__		67.6		___	ML	1.9	6944218	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.95	148.9	Lg	08:51:13.034	-0.1					T__				---		6944217	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
SOP	0.96	324.2	Lg	08:51:12.902	-0.2					T__				---		6944219	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	1.09	317.2	Lg	08:51:16.952	0.1					T__				---		6944220	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MORH	1.11	128.3	Pn	08:51:02.983	0.8					T__		51.1		___	ML	1.8	6944221	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

MORH	1.11	128.3	Sn	08:51:17.920	-0.8	T__	---	6944207	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																
(Station ML: 1.8 magdef=1)																
ARSA	1.32	285.7	Lg	08:51:23.800	1.0	T__	---	6944222	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.46	315.1	Sn	08:51:27.840	0.1	T__	---	6944223	FDSN	OE	--	BUD	iLoc	HHN	???	_
OBKA	2.00	259.5	Lg	08:51:46.929	1.9	T__	---	6944224	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/29	09:32:17.31	1.48	0.91	47.9240	20.1244	25.8	3.7	157	0.0f		6	3	201	0.15	0.33	kx	BUD	17003340	BUD			347
2021/10/29	09:32:16.75	1.00	0.89	47.8650	20.1529f				0.0f		6	3	230	0.18	0.36	kx	BUD_GT	17003341	BUD_GT			347
(locality : Kismána Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	0.9	0.0	3 BUD_GT	17003341

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	09:32:21.761	0.5					T__		191.9		---	ML	1.1	6944260	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	09:32:23.855	-1.0					T__				---		6944264	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ET1H	0.19	274.4	Pg	09:32:21.882	0.7					T__		108.2		---	ML	0.9	6944262	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	09:32:23.929	-0.8					T__				---		6944261	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
HU02A	0.36	44.0	Pg	09:32:25.069	0.5					T__		37.3		---	ML	0.9	6944265	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	09:32:29.572	-1.2					T__				---		6944263	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/10/29	15:01:40.29	0.90	0.57	47.5961	16.3923	4.6	3.8	16	0.0f		17	10	111	0.12	1.66	sx	BUD	17003342	BUD				124

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	6 BUD	17003342

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.12	328.0	Pg	15:01:43.143	0.0					T__		453.2		---	ML	1.3	6944303	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.12	328.0	Lg	15:01:44.799	-0.4					T__				---		6944305	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
SOP	0.14	52.1	Pg	15:01:44.178	0.7					T__		248.4		_c_	ML	1.1	6944302	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.14	52.1	Lg	15:01:46.389	0.5					T__				---		6944306	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
CONA	0.49	313.1	Pg	15:01:50.507	0.4					T__		60.8		---	ML	1.4	6944304	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.49	313.1	Lg	15:01:56.257	-0.4					T__				---		6944307	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
EGYH	0.66	105.4	Lg	15:02:03.353	-0.5					T__				---		6944310	FDSN	HU	--	BUD	iLoc	HHN	???	_	

ARSA	0.68	240.0	Pg	15:01:53.755	0.2	T__	77.6	---	ML	1.8	6944309	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.68	240.0	Lg	15:02:01.724	-0.4	T__		---			6944308	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
A005B	0.79	350.9	Lg	15:02:06.823	-0.2	T__		---			6944311	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	0.89	118.2	Pg	15:01:58.539	0.4	T__	61.4	---	ML	1.8	6944313	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.89	118.2	Lg	15:02:10.727	-0.5	T__		---			6944312	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
MODS	0.98	37.1	Pg	15:02:00.474	0.3	T__		---			6944315	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.98	37.1	Lg	15:02:14.036	-1.3	T__		---			6944314	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.47	0.1	Pn	15:02:07.611	0.2	T__	60.7	---	ML	2.1	6944317	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.47	0.1	Sn	15:02:27.611	0.3	T__		---			6944316	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
OBKA	1.66	229.9	Sn	15:02:31.853	-0.9	T__		---			6944318	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/10/31	20:31:16.83	1.58	0.41	47.6868	16.0500	6.4	4.9	72	7.2	26.7	9	6	134	0.17	1.40	ke	BUD	17003344	BUD			246

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.7	3 BUD	17003344

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.17	85.5	Pg	20:31:20.759	0.1					T__		37.3		---	ML	0.3	6944470	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.17	85.5	Lg	20:31:23.176	-0.1					T__				---		6944471	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.3 magdef=1)																									
(Station ML: 0.3 magdef=1)																									
CONA	0.27	332.4	Pg	20:31:22.946	0.4					T__		54.5		---	ML	0.8	6944474	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.27	332.4	Lg	20:31:26.245	-0.3					T__				---		6944475	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
ARSA	0.56	219.5	Pg	20:31:27.856	0.0					T__		41.5		---	ML	1.4	6944476	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.56	219.5	Lg	20:31:34.953	-0.1					T__				---		6944472	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A008A	0.73	338.8	Lg	20:31:40.363	-0.6					T__				---		6944473	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
MODS	1.07	49.7	Sn	20:31:53.598	0.4					T__				---		6944477	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.40	9.4	Sn	20:32:01.002	0.3					T__				---		6944478	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/11/01	09:05:24.96	1.42	0.99	46.1187	22.8709	10.0	6.1	53	0.0f		9	6	145	0.24	1.01	sx	BUD	17003348	BUD					216

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	3 BUD	17003348

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.24	174.5	Pg	09:05:29.865	0.4					T__		944.2		---	ML	1.9	6944585	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.24	174.5	Lg	09:05:32.108	-0.7					T__				---		6944584	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									

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(Station ML: 1.9 magdef=1
DRGR 0.68 350.7 Lg 09:05:49.002 -0.8 T__
GZR 0.73 185.2 Pg 09:05:39.437 0.5 T__ 72.3 --- ML 1.8 6944583 FDSN RO -- BUD iLoc HHN ??? _
GZR 0.73 185.2 Lg 09:05:48.437 -0.8 T__ --- 6944586 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SIRR 0.85 280.5 Lg 09:05:53.640 -1.1 T__
LOT 0.92 136.5 Lg 09:05:55.306 -0.7 T__
BZS 1.01 240.6 Pg 09:05:45.545 0.9 T__ 33.8 --- ML 1.6 6944591 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.01 240.6 Lg 09:05:57.785 -1.0 T__ --- 6944590 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/01 09:56:33.79 3.34 1.54 46.8622 22.7409 38.0 18.8 107 0.0f 6 4 187 0.07 1.76 sx BUD 17003350 BUD 316

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.07 196.2 Pg 09:56:35.695 0.0 T__ 135.5 --- ML 0.6 6944612 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.07 196.2 Lg 09:56:37.394 -0.0 T__ --- 6944615 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
GZR 1.47 179.0 Pg 09:57:01.843 0.2 T__ 56.5 --- ML 2.1 6944613 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.47 179.0 Sn 09:57:20.397 -1.4 T__ --- 6944616 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
LOT 1.58 152.8 Sn 09:57:22.903 -2.2 T__
ABAH 1.76 325.2 Sn 09:57:27.718 -0.5 T__ --- 6944617 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/01 10:53:42.19 1.03 1.21 46.0438 22.8036 7.4 4.1 55 0.0f 10 6 135 0.17 0.93 sx BUD 17003352 BUD 204

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Magnitude Err Nsta Author OrigID
ML 1.6 0.0 5 BUD 17003352

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.17 156.5 Pg 10:53:45.804 0.3 T__ 515.7 --- ML 1.5 6944643 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.17 156.5 Lg 10:53:48.009 0.0 T__ --- 6944644 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
GZR 0.65 181.7 Pg 10:53:55.045 0.4 T__ 53.5 --- ML 1.6 6944645 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.65 181.7 Lg 10:54:03.048 -0.9 T__ --- 6944646 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
DRGR 0.75 355.1 Pg 10:53:57.297 -0.0 T__ 55.2 --- ML 1.7 6944652 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
SIRR 0.83 286.1 Pg 10:53:59.805 0.8 T__ 41.0 --- ML 1.6 6944651 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.83 286.1 Lg 10:54:10.605 -0.5 T__ --- 6944650 FDSN RO -- BUD iLoc HHN ??? _

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
LOT 0.90 131.0 Pg 10:54:00.439 1.0 T__ 55.0 ___ ML 1.7 6944648 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 0.90 131.0 Lg 10:54:10.242 -2.4 T__ ___ 6944647 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
BZS 0.93 243.2 Lg 10:54:12.241 -1.3 T__ ___ 6944649 FDSN RO -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/01	13:28:52.92	4.45	0.14	46.7660	22.5846	56.0	25.6	145	0.0f	4	3	259	0.09	1.55	sx	BUD	17003354	BUD				333

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
DRGR	0.09	73.5	Pg	13:28:55.150	-0.0					T__		124.2		___	ML	0.6 6944687	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_		
DRGR	0.09	73.5	Lg	13:28:57.156	0.0					T__				___		6944689	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=0)																										
GZR	1.38	174.4	Sn	13:29:38.730	0.1					T__				___		6944688	FDSN	RO	--	BUD	iLoc	HHN	???	_		
LOT	1.55	147.6	Sn	13:29:43.300	-0.1					T__				___		6944690	FDSN	RO	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/11/02	08:35:03.67	1.25	1.14	48.0508	20.6737	7.6	4.4	166	0.0f	10	6	195	0.12	0.57	kx	BUD	17003358	BUD					263	
2021/11/02	08:35:03.87	0.93	1.18	48.0750	20.6990f				0.0f	10	6	192	0.13	0.59	kx	BUD_GT	17003359	BUD_GT						265

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

Magnitude Err Nsta Author OrigID  
ML 1.4 0.2 4 BUD\_GT 17003359

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
HU02A	0.13	292.1	Pg	08:35:07.364	0.3					T__		755.4		_c_	ML	1.5 6944875	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	0.13	292.1	Lg	08:35:08.742	-1.0					T__				___		6944877	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
ABAH	0.42	58.4	Pg	08:35:13.711	1.1					T__		67.9		___	ML	1.3 6944880	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ABAH	0.42	58.4	Lg	08:35:18.827	-1.2					T__				___		6944878	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																										
KECS	0.43	340.8	Pg	08:35:13.669	1.0					T__		101.7		___	ML	1.5 6944879	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	0.43	340.8	Lg	08:35:19.097	-0.4					T__				___		6944881	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																										
JOS	0.43	345.9	Pg	08:35:13.504	0.8					T__		48.0		___	ML	1.2 6944876	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.43	345.9	Lg	08:35:19.271	-0.2					T__				___		6944882	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																										
PSZ	0.56	254.1	Lg	08:35:22.846	-2.1					T__				___		6944883	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.59	250.9	Lg	08:35:23.851	-1.6					T__				___		6944884	FDSN	HU	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/02	09:13:57.12	4.26	0.55	46.8505	22.8173	48.6	17.2	160	0.0f	7	4	280	0.09	1.55	sx	BUD	17003362	BUD				306

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	3 BUD	17003362

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.09	231.1	Pg	09:13:59.393	-0.0					T__		293.9		_c_	ML	1.0	6944961	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.09	231.1	Lg	09:14:01.495	0.1					T__				---		6944963	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SIRR	0.99	234.3	Lg	09:14:30.766	-0.4					T__				---		6944964	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.46	181.1	Pn	09:14:24.784	0.6					T__		49.1		---	ML	2.0	6944966	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.46	181.1	Sn	09:14:44.446	-0.4					T__				---		6944965	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
LOT	1.55	154.4	Pn	09:14:25.646	-0.1					T__		39.1		---	ML	2.0	6944962	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.55	154.4	Sn	09:14:46.938	-0.7					T__				---		6944967	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/11/02	09:26:41.20	1.30	1.11	48.5445	20.8075	7.1	5.4	40	0.0f	13	8	151	0.18	1.31	sx	BUD	17003364	BUD					224

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	5 BUD	17003364

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	254.8	Pg	09:26:45.784	0.7					T__		272.6		_c_	ML	1.2	6944998	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	254.8	Lg	09:26:48.114	-0.1					T__				---		6945001	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.22	254.1	Pg	09:26:46.305	0.4					T__		835.6		---	ML	1.8	6944999	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	254.1	Lg	09:26:49.242	-0.3					T__				---		6945002	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ABAH	0.38	130.7	Lg	09:26:55.088	-0.6					T__				---		6945003	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.46	204.1	Pg	09:26:51.873	0.8					T__		43.9		---	ML	1.2	6945000	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	204.1	Lg	09:26:58.059	-0.5					T__				---		6945004	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
PSZ	0.87	224.6	Lg	09:27:10.810	-2.0					T__				---		6945005	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.91	223.6	Pn	09:26:59.571	-0.6					T__		39.8		---	ML	1.6	6945008	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	223.6	Lg	09:27:12.586	-1.1					T__				---		6945007	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.94	339.3	Lg	09:27:11.193	-1.0					T__				---		6945006	FDSN	PL	--	BUD	iLoc	BHN	???	_	
VYHS	1.31	268.5	Pn	09:27:06.214	0.3					T__		15.2		---	ML	1.4	6945010	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	268.5	Sn	09:27:23.632	-1.9					T__				---		6945009	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									

(Station ML: 1.4 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/02	11:00:41.18	1.28	0.72	47.8164	19.1311	13.5	3.7	8	0.0f		6	4	208	0.08	0.71	sx	BUD	17003366	BUD			261

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	290.8	Pg	11:00:43.611	0.3					T__		283.1		___	ML	1.0	6945035	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	290.8	Lg	11:00:44.661	-0.7					T__				---		6945039	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
ET1H	0.50	82.6	Pg	11:00:52.337	0.3					T__		36.6		___	ML	1.3	6945040	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.50	82.6	Lg	11:00:59.804	-0.0					T__				---		6945037	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.52	78.5	Lg	11:01:00.054	-1.0					T__				---		6945038	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VVHS	0.71	343.9	Lg	11:01:06.075	-0.0					T__				---		6945036	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/02	11:41:51.82	0.98	0.67	47.8598	19.1362	55.8	3.4	171	0.0f		10	6	172	0.08	1.13	sx	BUD	17003368	BUD			327

Magnitude Err Nsta Author OrigID  
ML 1.5 0.3 4 BUD 17003368

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.08	259.6	Pg	11:41:54.223	0.3					T__		731.6		___	ML	1.4	6945117	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.08	259.6	Lg	11:41:55.165	-0.8					T__				---		6945118	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.50	87.5	Lg	11:42:10.473	0.3					T__				---		6945121	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.51	83.2	Pg	11:42:02.862	-0.2					T__		40.3		___	ML	1.3	6945123	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.51	83.2	Lg	11:42:11.273	-0.0					T__				---		6945122	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.97	73.8	Pn	11:42:11.724	0.0					T__		43.2		___	ML	1.7	6945119	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.97	73.8	Sn	11:42:26.199	-1.4					T__				---		6945124	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	1.10	54.9	Sn	11:42:30.999	0.6					T__				---		6945125	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.13	55.4	Pn	11:42:14.334	0.5					T__		42.6		___	ML	1.8	6945120	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.13	55.4	Sn	11:42:31.310	0.0					T__				---		6945126	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/02	12:02:57.43	1.02	0.69	47.9072	20.2060	7.5	3.8	157	0.0f		7	4	131	0.21	0.30	sx	BUD	17003370	BUD			260

Magnitude Err Nsta Author OrigID

ML 0.7 0.1 3 BUD 17003370

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.21	273.2	Pg	12:03:02.625	0.2					T__		101.8		_c_	ML	0.9	6945172	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.21	273.2	Lg	12:03:05.493	-1.0					T__				---		6945176	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
ET1H	0.23	263.0	Pg	12:03:03.208	0.6					T__		52.3		---	ML	0.6	6945171	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.23	263.0	Lg	12:03:06.502	-0.1					T__				---		6945177	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
HU23A	0.27	173.7	Lg	12:03:07.693	-0.6					T__				---		6945175	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU02A	0.30	44.7	Pg	12:03:04.452	0.3					T__		39.8		---	ML	0.7	6945173	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.30	44.7	Lg	12:03:09.154	-0.4					T__				---		6945174	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/02	13:20:19.30	0.98	0.99	47.8900	16.0361	7.9	3.9	28	0.0f		7	4	150	0.12	1.20	sx	BUD	17003372	BUD			234

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.2	3 BUD	17003372

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.12	288.1	Pg	13:20:21.948	-0.1					T__		150.2		---	ML	0.8	6945234	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.12	288.1	Lg	13:20:24.141	0.1					T__				---		6945235	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
RONA	0.26	137.2	Pg	13:20:25.009	0.3					T__		49.1		---	ML	0.7	6945236	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.26	137.2	Lg	13:20:28.110	-0.4					T__				---		6945238	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
MODS	0.96	59.3	Lg	13:20:53.006	-0.6					T__				---		6945239	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KRUC	1.20	11.4	Pg	13:20:43.264	1.0					T__		44.2		---	ML	1.8	6945240	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	11.4	Sn	13:20:58.213	-1.5					T__				---		6945237	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/02	14:46:50.62	1.40	1.54	48.8871	21.1162	9.3	7.7	131	0.0f		10	6	131	0.55	1.27	sx	BUD	17003376	BUD			252

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	4 BUD	17003376

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.55	224.5	Pg	14:47:02.658	1.1					T__		40.3		---	ML	1.4	6945359	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	224.5	Lg	14:47:10.217	0.4					T__				---		6945358	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.58	226.2	Pg	14:47:03.168	0.9					T__		81.7		---	ML	1.7	6945360	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_

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KECS  0.58 226.2 Lg      14:47:09.774 -1.2      T__          ---          6945354      FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
NIE   0.76 315.1 Lg      14:47:14.371 -1.3      T__          ---          6945355      FDSN PL      -- BUD  iLoc  BHN ??? _
KOLS  0.76  86.1 Lg      14:47:17.498 -0.1      T__          ---          6945361      FDSN SK      -- BUD  iLoc  HHN ??? _
HU02A 0.86 207.4 Pg      14:47:07.989 -0.3      T__          35.9        --- ML      1.5 6945353      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU02A 0.86 207.4 Lg      14:47:19.023 -2.5      T__          ---          6945356      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML:  1.5 magdef=1
(Station ML:  1.5 magdef=1
PSZ   1.27 220.5 Pn      14:47:14.661 -0.1      T__          59.4        --- ML      2.0 6945362      FDSN GE      -- BUD  iLoc  HHZ HHZ _
PSZ   1.27 220.5 Sn      14:47:31.706 -2.2      T__          ---          6945357      FDSN GE      -- BUD  iLoc  HHN ??? _
(Reading ML:  2.0 magdef=1
(Station ML:  2.0 magdef=1

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap mdist Mdist Qual  Author      OrigID      Rep  DPdep  Err Sgp
2021/11/03 09:11:21.76  0.91  1.19 48.7336  18.7293  5.6  3.3 35  0.0f      19  12 139  0.25  1.34  sx BUD      17003382      BUD                    179

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Magnitude Err Nsta Author      OrigID
ML      1.8 0.0   7 BUD      17003382

```

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Sta  Dist EvAz Phase      Time      TRes Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
VYHS 0.25 163.5 Pg      09:11:28.137  1.1      T__          102.8      --- ML      1.0 6945624      FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS 0.25 163.5 Lg      09:11:31.681  0.7      T__          ---          6945625      FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.0 magdef=1
(Station ML:  1.0 magdef=0
A331A 0.53 321.4 Lg      09:11:40.592  0.8      T__          ---          6945626      FDSN Z3      00 BUD  iLoc  HHN ??? _
JAVC 0.71 280.6 Pg      09:11:36.850  0.5      T__          86.8      --- ML      1.8 6945627      FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC 0.71 280.6 Lg      09:11:46.696 -0.8      T__          ---          6945636      FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
A338A 0.76 199.4 Lg      09:11:48.912 -0.5      T__          ---          6945637      FDSN Z3      00 BUD  iLoc  HH2 ??? _
SRO   0.96 196.9 Lg      09:11:55.626 -0.7      T__          ---          6945638      FDSN SK      -- BUD  iLoc  EHN ??? _
HU03A 1.01 144.7 Lg      09:11:55.993 -1.5      T__          ---          6945628      FDSN ZJ      00 BUD  iLoc  HHN ??? _
MODS  1.03 250.1 Pg      09:11:41.929 -0.6      T__          ---          6945640      FDSN SK      -- BUD  iLoc  HHZ ??? _
MODS  1.03 250.1 Lg      09:11:57.507 -0.6      T__          ---          6945639      FDSN SK      -- BUD  iLoc  HHN ??? _
PSZ   1.13 135.9 Pn      09:11:44.452  0.3      T__          54.9      --- ML      1.9 6945630      FDSN GE      -- BUD  iLoc  HHZ HHZ _
PSZ   1.13 135.9 Sn      09:11:59.184 -2.6      T__          ---          6945629      FDSN GE      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.9 magdef=1
(Station ML:  1.9 magdef=1
ET1H  1.15 137.9 Pn      09:11:44.566  0.4      T__          39.3      --- ML      1.7 6945631      FDSN HU      -- BUD  iLoc  HHZ HHZ _
ET1H  1.15 137.9 Sn      09:11:59.991 -1.8      T__          ---          6945641      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.7 magdef=1
(Station ML:  1.7 magdef=1
KECS  1.19 101.5 Pn      09:11:45.134  0.3      T__          82.9      --- ML      2.1 6945632      FDSN SK      -- BUD  iLoc  EHZ EHZ _
KECS  1.19 101.5 Lg      09:12:00.797 -1.4      T__          ---          6945642      FDSN SK      -- BUD  iLoc  EHN ??? _
(Reading ML:  2.1 magdef=1
(Station ML:  2.1 magdef=0
JOS   1.22 100.5 Pn      09:11:45.446  0.2      T__          43.9      --- ML      1.8 6945634      FDSN ZJ      -- BUD  iLoc  HHZ HHZ _
JOS   1.22 100.5 Lg      09:12:01.452 -1.8      T__          ---          6945633      FDSN ZJ      -- BUD  iLoc  HHN ??? _
(Reading ML:  1.8 magdef=1
(Station ML:  1.8 magdef=1
HU02A 1.34 116.4 Pn      09:11:47.258  0.2      T__          35.5      --- ML      1.8 6945635      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _

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(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/03	09:26:10.56	0.90	2.10	47.5428	18.7604	5.8	2.8	151	0.0f		13	10	129	0.19	0.95	kx	BUD	17003384	BUD			171
2021/11/03	09:26:09.63	0.82	0.95	47.5380	18.6920f				0.0f		13	10	130	0.23	0.96	kx	BUD_GT	17003385	BUD_GT			167

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

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	3 BUD_GT	17003385

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
BUD	0.23	103.5	Lg	09:26:18.617	-0.7					T__						6945722	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU09A	0.23	295.8	Lg	09:26:19.356	0.1					T__						6945717	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MSW1	0.33	243.9	Lg	09:26:22.938	0.3					T__						6945723	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	0.34	239.3	Pn	09:26:21.464	-0.4					T__		164.4				6945714	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.34	239.3	Lg	09:26:22.141	-1.0					T__						6945718	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																								
HU10A	0.38	35.6	Pg	09:26:19.324	1.6					T__		87.3				6945724	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.38	35.6	Lg	09:26:24.317	0.1					T__						6945719	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																								
MSW2	0.40	234.4	Lg	09:26:24.981	-0.2					T__						6945725	FDSN	HU	--	BUD	iLoc	HHN	???	_
MSW3	0.41	248.2	Lg	09:26:26.081	0.6					T__						6945726	FDSN	HU	--	BUD	iLoc	HHE	???	_
ET1H	0.87	66.4	Pg	09:26:26.632	-1.3					T__		51.9				6945716	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	66.4	Lg	09:26:38.983	-1.9					T__						6945715	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																								
PSZ	0.90	64.4	Lg	09:26:41.199	-1.1					T__						6945720	FDSN	GE	--	BUD	iLoc	HHN	???	_
VYHS	0.96	5.7	Lg	09:26:43.506	0.2					T__						6945721	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/03	09:53:22.80	0.94	1.36	47.1026	17.8782	6.1	4.0	51	0.0f		9	7	109	0.20	1.03	sx	BUD	17003386	BUD			188

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.5	3 BUD	17003386

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
TIH	0.20	177.1	Pg	09:53:28.345	0.9					T__		2449.0				6945786	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																								
MPLH	0.24	286.4	Pg	09:53:28.959	0.7					T__		270.6				6945790	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.24	286.4	Lg	09:53:31.199	-1.4					T__						6945791	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																								
HU08A	0.33	5.4	Lg	09:53:35.311	-0.5					T__						6945792	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
CSKK	0.37	44.9	Lg	09:53:36.865	-0.5					T__						6945793	FDSN	HU	--	BUD	iLoc	HHN	???	_
A267A	0.44	110.5	Lg	09:53:38.830	-0.7					T__						6945794	FDSN	Z3	00	BUD	iLoc	HHN	???	_

```

KOVH 1.03 171.4 Lg 09:53:57.406 -1.0 T__
MORH 1.03 149.0 Pn 09:53:43.205 -0.0 T__ 44.5 --- ML 1.7 6945788 FDSN HU -- BUD iLoc HHN ??? _
MORH 1.03 149.0 Lg 09:53:56.110 -2.4 T__ --- 6945787 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/03 10:26:17.10 1.73 1.22 47.2135 18.3235 10.5 5.1 135 0.0f 11 8 151 0.12 1.33 kx BUD 17003388 BUD 229
2021/11/03 10:26:17.69 0.91 1.03 47.2302 18.2835f 0.0f 11 8 147 0.09 1.32 kx BUD_GT 17003389 BUD_GT 224
(locality : Iszkaszentgyörgy Hungary)
(GT info : GT2 explosion)

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```

Magnitude Err Nsta Author OrigID
ML 1.3 0.3 3 BUD_GT 17003389

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MSW2 0.09 325.6 Pg 10:26:21.165 1.1 T__ 537.6 --- ML 1.3 6945858 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.09 325.6 Lg 10:26:22.111 -0.4 T__ --- 6945859 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
CSKK 0.13 353.3 Pg 10:26:21.677 0.7 T__ 233.1 --- ML 1.0 6945850 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.13 353.3 Lg 10:26:23.533 -0.6 T__ --- 6945855 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
MSW1 0.16 354.2 Lg 10:26:24.825 -0.3 T__ --- 6945860 FDSN HU -- BUD iLoc HHE ??? _
HU08A 0.32 309.6 Lg 10:26:29.333 -0.9 T__ --- 6945854 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.51 263.5 Pg 10:26:28.728 0.4 T__ 63.5 --- ML 1.5 6945852 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.51 263.5 Lg 10:26:35.471 -0.9 T__ --- 6945851 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU10A 0.79 38.7 Lg 10:26:44.622 -2.3 T__ --- 6945853 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 1.15 186.4 Sn 10:26:55.907 -1.2 T__ --- 6945856 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.32 16.2 Lg 10:27:03.369 -0.1 T__ --- 6945857 FDSN SK -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/03 11:23:54.36 1.24 1.25 48.5362 20.8071 8.6 3.7 7 0.0f 15 9 158 0.18 1.31 sx BUD 17003390 BUD 220

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.3 6 BUD 17003390

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 257.3 Pg 11:23:58.850 0.6 T__ 246.3 --- ML 1.2 6945914 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 257.3 Lg 11:24:01.259 0.0 T__ --- 6945916 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.22 256.2 Pg 11:23:59.333 0.4 T__ 685.7 --- ML 1.7 6945915 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.22 256.2 Lg 11:24:02.573 0.0 T__ --- 6945917 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
ABAH 0.38 129.7 Pg 11:24:02.822 0.7 T__ 74.0 --- ML 1.2 6945919 FDSN HU -- BUD iLoc HHZ HHZ _

```

ABAH	0.38	129.7	Lg	11:24:07.862	-0.9	T__	---	6945918	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
HU02A	0.46	204.5	Pg	11:24:04.987	1.0	T__	34.5	---	ML	1.1	6945921	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	204.5	Lg	11:24:10.858	-0.6	T__	---	---	---	6945920	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																			
(Station ML: 1.1 magdef=0)																			
PSZ	0.87	225.0	Pn	11:24:12.452	-0.4	T__	53.5	---	ML	1.7	6945923	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	225.0	Lg	11:24:24.346	-1.4	T__	---	---	---	6945922	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ET1H	0.91	223.9	Pn	11:24:12.990	-0.2	T__	42.1	---	ML	1.6	6945924	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	223.9	Lg	11:24:25.729	-0.9	T__	---	---	---	6945925	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
HU03A	1.03	232.4	Lg	11:24:29.256	-1.4	T__	---	---	---	6945927	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	1.05	67.2	Lg	11:24:28.528	-2.1	T__	---	---	---	6945926	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VVHS	1.31	268.9	Sn	11:24:36.140	-2.5	T__	---	---	---	6945928	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/03	12:00:48.99	1.16	0.94	46.9540	17.3813	10.1	4.2	149	0.0f		8	5	117	0.16	1.14	sx	BUD	17003392	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.8	3 BUD	17003392

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.16	269.3	Pg	12:00:53.489	0.7					T__		1450.3		---	ML	1.9	6945985	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.16	269.3	Lg	12:00:54.887	-1.0					T__				---	---	6945986	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MPLH	0.24	26.5	Pg	12:00:55.177	0.7					T__		189.6		---	ML	1.2	6945984	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.24	26.5	Lg	12:00:57.510	-1.4					T__				---	---	6945987	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A262A	0.59	261.6	Pg	12:01:01.011	0.0					T__		412.4		---	ML	2.4	6945989	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.59	261.6	Lg	12:01:09.041	-0.1					T__				---	---	6945988	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
KOVH	1.00	149.9	Lg	12:01:22.504	-0.8					T__				---	---	6945990	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.14	129.9	Sn	12:01:27.776	-0.1					T__				---	---	6945991	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/03	14:26:00.12	3.01	1.54	45.6097	17.6040	34.6	6.8	162	0.0f		7	4	229	0.59	1.52	sx	BUD	17003396	BUD			243

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	17003396

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOVH	0.59	35.7	Pg	14:26:13.341	0.9					T__		46.0		---	ML	1.5	6946090	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.59	35.7	Lg	14:26:19.927	-1.2					T__				---	---	6946094	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.95 49.8 Pg 14:26:19.263 0.1 T__ 38.5 ___ ML 1.6 6946089 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.95 49.8 Lg 14:26:32.119 -1.3 T__ ___ 6946091 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
PTJ 1.18 285.1 Pg 14:26:23.133 -0.4 T__ 88.9 ___ ML 2.1 6946095 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 1.18 285.1 Lg 14:26:40.762 0.6 T__ ___ 6946092 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
CRES 1.52 278.9 Sn 14:26:50.837 2.3 T__ ___ 6946093 FDSN SL -- BUD iLoc BHN ??? _

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/03 14:40:51.19 0.95 0.60 47.8768 16.0827 5.7 4.0 31 0.0f 10 6 83 0.16 1.51 sx BUD 17003398 BUD 153

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Magnitude Err Nsta Author OrigID
ML 1.4 0.5 4 BUD 17003398

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CONA 0.16 289.2 Pg 14:40:54.965 0.4 T__ 218.9 ___ ML 1.1 6946123 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 289.2 Lg 14:40:56.474 -0.5 T__ ___ 6946125 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
RONA 0.23 140.8 Pg 14:40:56.502 0.5 T__ 101.5 ___ ML 0.9 6946124 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.23 140.8 Lg 14:40:59.167 -0.3 T__ ___ 6946126 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
ARSA 0.73 211.4 Pg 14:41:05.121 -0.3 T__ 67.0 ___ ML 1.7 6946128 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.73 211.4 Lg 14:41:14.259 -0.3 T__ ___ 6946127 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS 0.94 57.7 Lg 14:41:23.896 -1.0 T__ ___ 6946129 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.20 9.8 Pg 14:41:15.091 0.8 T__ 37.7 ___ ML 1.7 6946131 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.20 9.8 Sn 14:41:31.540 -0.2 T__ ___ 6946130 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CKRC 1.51 309.2 Sn 14:41:39.467 -0.2 T__ ___ 6946132 FDSN CZ -- BUD iLoc HHN ??? _

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/03 15:18:34.20 1.32 1.16 47.5490 18.4001 15.2 3.0 103 0.0f 7 5 189 0.09 0.99 kx BUD 17003400 BUD 220
2021/11/03 15:18:33.89 0.95 1.10 47.5600 18.4573f 0.0f 7 5 199 0.09 0.97 kx BUD_GT 17003401 BUD_GT 235

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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 0.09 327.2 Pg 15:18:37.312 1.0 T__ 858.0 ___ ML 1.5 6946190 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU09A 0.09 327.2 Lg 15:18:38.455 -0.2 T__ ___ 6946191 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1

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```

(Station ML: 1.5 magdef=1
CSKK 0.24 214.2 Pg 15:18:39.586 0.4 T__ 107.7 ___ ML 1.0 6946195 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.24 214.2 Lg 15:18:41.988 -1.8 T__ ___ 6946192 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
SR0 0.27 339.1 Lg 15:18:44.185 -0.6 T__ ___ 6946193 FDSN SK -- BUD iLoc EHN ??? _
MPLH 0.74 238.3 Lg 15:18:58.309 -1.5 T__ ___ 6946194 FDSN HU -- BUD iLoc HHN ??? _
VYHS 0.97 15.1 Lg 15:19:07.485 -0.3 T__ ___ 6946189 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/04 07:07:24.03 2.04 1.23 47.9307 20.3934 18.4 5.1 150 0.0f 7 5 204 0.21 0.67 kx BUD 17003402 BUD 237
2021/11/04 07:07:24.75 0.98 1.13 47.9767 20.3679f 0.0f 7 5 192 0.18 0.67 kx BUD_GT 17003403 BUD_GT 218
(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

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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 0.18 35.8 Pg 07:07:29.476 0.5 T__ 141.8 ___ ML 1.0 6946251 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 07:07:32.438 -0.1 T__ ___ 6946254 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.32 259.8 Lg 07:07:36.066 -1.6 T__ ___ 6946256 FDSN GE -- BUD iLoc HHZ ??? _
ET1H 0.35 253.9 Lg 07:07:37.632 -0.4 T__ ___ 6946257 FDSN HU -- BUD iLoc HHN ??? _
JOS 0.53 12.4 Pg 07:07:36.296 0.8 T__ 32.9 ___ ML 1.3 6946252 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 07:07:43.632 -0.1 T__ ___ 6946255 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.67 61.0 Lg 07:07:47.352 -2.0 T__ ___ 6946253 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/04 08:41:27.71 2.91 1.12 48.3884 21.2789 21.0 5.3 60 0.0f 12 7 273 0.10 1.63 sx BUD 17003404 BUD 319

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 17003404

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ABAH 0.10 195.8 Pg 08:41:30.187 0.0 T__ 414.3 ___ ML 1.2 6946314 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.10 195.8 Lg 08:41:32.562 0.1 T__ ___ 6946316 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
JOS 0.50 282.6 Pg 08:41:37.937 0.1 T__ 40.1 ___ ML 1.3 6946315 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.50 282.6 Lg 08:41:47.301 1.7 T__ ___ 6946325 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.54 280.5 Pg 08:41:37.781 -0.7 T__ 84.2 ___ ML 1.7 6946318 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.54 280.5 Lg 08:41:47.156 0.4 T__ ___ 6946317 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.57 242.4 Lg 08:41:48.064 -0.7 T__ ___ 6946319 FDSN ZJ 00 BUD iLoc HHE ??? _

```

```

PSZ 1.04 243.6 Pn 08:41:48.137 -0.5 T__ 64.3 --- ML 1.9 6946323 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.04 243.6 Sn 08:42:03.060 -2.3 T__ --- 6946320 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
ET1H 1.07 242.1 Pn 08:41:48.518 -0.3 T__ 53.7 --- ML 1.8 6946322 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.07 242.1 Sn 08:42:04.956 -0.7 T__ --- 6946321 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.63 274.6 Sn 08:42:20.626 0.9 T__ --- 6946324 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/04 09:31:18.50 1.08 0.83 47.6249 16.3113 6.4 4.3 141 0.0f 10 6 164 0.08 1.44 sx BUD 17003406 BUD 244

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.0 3 BUD 17003406

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.08 352.3 Pg 09:31:20.781 0.4 T__ 1859.2 _c_ ML 1.8 6946375 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.08 352.3 Lg 09:31:21.786 -0.1 T__ --- 6946377 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
SOP 0.18 70.6 Lg 09:31:25.335 0.1 T__ --- 6946378 FDSN HU -- BUD iLoc HHE ??? _
CONA 0.43 315.2 Pg 09:31:27.250 0.1 T__ 76.8 --- ML 1.4 6946373 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.43 315.2 Lg 09:31:32.843 -0.1 T__ --- 6946374 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ARSA 0.65 235.3 Pg 09:31:31.132 -0.0 T__ 78.5 --- ML 1.8 6946376 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.65 235.3 Lg 09:31:39.203 -0.2 T__ --- 6946379 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 0.99 40.5 Pg 09:31:39.547 0.9 T__ --- 6946381 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.99 40.5 Lg 09:31:51.984 -1.9 T__ --- 6946380 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.44 2.2 Sn 09:32:05.177 0.3 T__ --- 6946382 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/04 10:02:43.29 0.85 1.10 48.4883 19.3670 4.6 3.0 30 0.0f 18 10 106 0.35 1.18 sx BUD 17003408 BUD 137

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 8 BUD 17003408

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.35 271.1 Pg 10:02:50.758 0.1 T__ 25.5 --- ML 0.7 6946426 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.35 271.1 Lg 10:02:55.628 -0.4 T__ --- 6946432 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=0
HU03A 0.61 165.0 Lg 10:03:05.202 0.1 T__ --- 6946427 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.67 148.1 Pg 10:02:58.389 0.8 T__ 62.7 --- ML 1.7 6946423 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.67 148.1 Lg 10:03:06.977 -0.9 T__ --- 6946433 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

```

ET1H	0.70	150.8	Pg	10:02:59.012	1.0	T__	34.8	---	ML	1.4	6946428	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.70	150.8	Lg	10:03:07.390	-1.0	T__		---			6946424	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
KECS	0.74	90.0	Pg	10:02:58.643	0.5	T__	125.5	---	ML	2.0	6946429	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.74	90.0	Lg	10:03:08.377	-0.9	T__		---			6946434	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=0)																			
JOS	0.78	89.0	Pg	10:02:59.446	0.7	T__	52.4	---	ML	1.7	6946425	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.78	89.0	Lg	10:03:09.630	-0.9	T__		---			6946435	FDSN	ZJ	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU02A	0.86	114.9	Pg	10:03:01.535	0.6	T__	58.4	_c_	ML	1.7	6946422	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.86	114.9	Lg	10:03:12.430	-1.7	T__		---			6946436	FDSN	ZJ	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
A331A	1.01	311.6	Pg	10:03:03.802	0.8	T__	63.1	---	ML	1.9	6946430	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	1.01	311.6	Lg	10:03:16.410	-0.4	T__		---			6946437	FDSN	Z3	00	BUD	iLoc	HNN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
NIE	1.12	33.1	Pg	10:03:05.644	1.3	T__	26.0	---	ML	1.5	6946431	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.12	33.1	Lg	10:03:19.800	-0.8	T__		---			6946438	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
JAVC	1.18	288.9	Lg	10:03:22.748	-2.4	T__		---			6946439	FDSN	CZ	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/04	10:22:13.86	0.91	1.30	48.4262	19.1564	6.0	3.5	34	0.0f		12	10	125	0.22	1.25	sx	BUD	17003410	BUD			150

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.22	287.8	Pg	10:22:19.911	1.3					T__		63.8		---	ML	0.7	6946526	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.22	287.8	Lg	10:22:22.168	-0.1					T__				---		6946533	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
HU10A	0.59	189.1	Lg	10:22:34.721	-0.8					T__				---		6946534	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
HU03A	0.60	150.3	Lg	10:22:35.236	-0.3					T__				---		6946535	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	0.71	135.5	Lg	10:22:38.561	-1.3					T__				---		6946536	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	0.73	138.6	Lg	10:22:39.170	-0.8					T__				---		6946537	FDSN	HU	--	BUD	iLoc	HNN	???	_	
KECS	0.89	85.8	Lg	10:22:44.691	-0.1					T__				---		6946527	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.92	85.2	Lg	10:22:45.593	-0.4					T__				---		6946529	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
A331A	0.95	319.9	Pg	10:22:32.759	0.2					T__		70.1		---	ML	1.9	6946532	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A331A	0.95	319.9	Lg	10:22:44.745	-0.9					T__				---		6946528	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JAVC	1.08	294.3	Lg	10:22:49.248	-2.8					T__				---		6946530	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
MODS	1.25	268.3	Sn	10:22:55.702	-1.3					T__				---		6946531	FDSN	SK	--	BUD	iLoc	HNN	???	_	

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

2021/11/04 10:33:43.22 1.01 1.14 48.6340 21.4346 6.7 4.5 148 0.0f 15 10 104 0.36 1.73 sx BUD 17003412 BUD 167

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 5 BUD 17003412

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.36	201.1	Pg	10:33:51.562	0.8					T__		161.7		---	ML	1.5 6946573	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.36	201.1	Lg	10:33:55.940	-1.1					T__				---		6946574	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																								
JOS	0.61	257.2	Pg	10:33:55.437	0.0					T__		84.0		---	ML	1.8 6946571	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.61	257.2	Lg	10:34:04.877	0.3					T__				---		6946576	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
KOLS	0.63	61.3	Pg	10:33:55.690	0.3					T__				---		6946575	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KECS	0.65	256.9	Pg	10:33:56.377	0.2					T__		164.1		---	ML	2.1 6946577	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.65	256.9	Lg	10:34:06.000	0.1					T__				---		6946570	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
HU02A	0.79	230.2	Pg	10:33:59.437	-0.2					T__		49.4		---	ML	1.6 6946569	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.79	230.2	Lg	10:34:10.502	-1.4					T__				---		6946578	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
TRPA	0.89	124.0	Lg	10:34:12.252	-2.8					T__				---		6946579	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	1.08	316.8	Lg	10:34:19.627	-0.2					T__				---		6946580	FDSN	PL	--	BUD	iLoc	BHN	???	_
PSZ	1.25	235.7	Pn	10:34:07.625	0.5					T__		58.7		---	ML	2.0 6946572	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.25	235.7	Sn	10:34:25.127	-1.1					T__				---		6946581	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
ET1H	1.29	234.7	Sn	10:34:26.127	-0.4					T__				---		6946582	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.73	266.3	Sn	10:34:39.252	1.3					T__				---		6946583	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/11/04 11:00:27.92 0.94 0.63 48.1145 16.9604 8.0 3.3 135 0.0f 11 6 162 0.13 1.02 sx BUD 17003414 BUD 178

Magnitude Err Nsta Author OrigID  
ML 1.7 0.0 3 BUD 17003414

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ZST	0.13	49.3	Pg	11:00:31.731	0.7					T__				---		6946627	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.13	49.3	Lg	11:00:33.559	-0.2					T__				---		6946629	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	0.33	39.1	Pg	11:00:35.252	0.0					T__				---		6946625	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.33	39.1	Lg	11:00:39.971	-1.0					T__				---		6946626	FDSN	SK	--	BUD	iLoc	HHN	???	_
SOP	0.51	212.2	Lg	11:00:45.065	-0.2					T__				---		6946631	FDSN	HU	--	BUD	iLoc	HHE	???	_
RONA	0.61	227.3	Pg	11:00:40.095	-0.1					T__		94.2		---	ML	1.8 6946630	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.61	227.3	Lg	11:00:48.251	-0.1					T__				---		6946628	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
CONA	0.76	256.2	Pg	11:00:43.485	0.5					T__		58.5		---	ML	1.7 6946632	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.76	256.2	Lg	11:00:52.496	-0.5					T__				---		6946633	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								

KRUC	1.02	338.6	Pg	11:00:48.183	0.7	T__	40.8	---	ML	1.7	6946634	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.02	338.6	Lg	11:01:01.807	-0.8	T__		---			6946635	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/04	13:15:37.48	4.14	0.51	46.8806	22.7626	38.7	23.1	117	0.0f	6	4	308	0.10	1.49	sx	BUD	17003416	BUD			330	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.10	201.7	Pg	13:15:39.791	0.0					T__		354.8		---	ML	1.1	6946657	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.10	201.7	Lg	13:15:41.861	0.0					T__				---		6946658	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
SIRR	0.98	231.5	Lg	13:16:11.147	-0.1					T__				---		6946659	FDSN	RO	--	BUD	iLoc	HNN	???	_	
GZR	1.49	179.6	Pn	13:16:05.082	0.1					T__		53.7		---	ML	2.1	6946661	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.49	179.6	Sn	13:16:25.082	-0.8					T__				---		6946660	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BZS	1.49	212.6	Sn	13:16:25.690	0.2					T__				---		6946662	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/05	08:34:36.58	0.88	1.01	48.3924	19.5227	4.5	3.3	5	0.0f	17	11	94	0.47	1.31	sx	BUD	17003420	BUD			149	

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	17003420

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.47	282.8	Pg	08:34:46.875	0.7					T__		20.9		---	ML	0.9	6946835	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.47	282.8	Lg	08:34:52.844	-0.4					T__				---		6946836	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
PSZ	0.54	152.2	Pg	08:34:48.635	0.5					T__		55.5		---	ML	1.5	6946841	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.54	152.2	Lg	08:34:56.260	-0.4					T__				---		6946840	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.56	155.4	Pg	08:34:49.500	0.9					T__		26.8		---	ML	1.2	6946842	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.56	155.4	Lg	08:34:56.938	-0.2					T__				---		6946837	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU10A	0.64	211.9	Lg	08:34:59.644	-0.6					T__				---		6946843	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
KECS	0.65	81.6	Lg	08:34:59.097	-0.3					T__				---		6946833	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	80.9	Pg	08:34:50.582	0.3					T__		47.2		---	ML	1.6	6946834	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	80.9	Lg	08:34:59.957	-0.6					T__				---		6946838	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.72	111.6	Pg	08:34:52.103	0.5					T__		38.2		---	ML	1.5	6946832	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.72	111.6	Lg	08:35:01.665	-1.2					T__				---		6946844	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									

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(Station ML: 1.5 magdef=1
SRO 1.00 234.9 Lg 08:35:10.890 -1.6 T__ --- 6946845 FDSN SK -- BUD iLoc EHN ??? _
NIE 1.15 26.2 Lg 08:35:14.258 -0.7 T__ --- 6946846 FDSN PL -- BUD iLoc BHN ??? _
ABAH 1.15 94.2 Pn 08:34:59.347 0.6 T__ 50.8 --- ML 1.8 6946839 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.15 94.2 Sn 08:35:15.222 -1.1 T__ --- 6946847 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
JAVC 1.31 291.5 Sn 08:35:19.542 -2.2 T__ --- 6946848 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/05	08:39:50.90	1.10	1.50	48.4103	21.4035	9.2	4.4	139	0.0f	10	6	176	0.16	1.16	sx	BUD	17003422	BUD				304

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Magnitude Err Nsta Author OrigID
ML 1.4 0.1 3 BUD 17003422

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
ABAH	0.16	223.8	Pg	08:39:54.763	0.2					T__		552.3		---	ML	1.5	6946905	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.16	223.8	Lg	08:39:57.826	0.0					T__				---		6946907	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
JOS	0.58	278.8	Pg	08:40:02.948	0.4					T__		27.1		---	ML	1.3	6946906	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.58	278.8	Lg	08:40:10.992	-0.4					T__				---		6946911	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
HU02A	0.65	244.2	Pg	08:40:05.117	0.6					T__		34.7		---	ML	1.4	6946913	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.65	244.2	Lg	08:40:13.443	-1.4					T__				---		6946908	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=1)																										
KOLS	0.78	47.4	Pg	08:40:06.496	0.6					T__				---		6946910	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
KOLS	0.78	47.4	Lg	08:40:15.469	-3.0					T__				---		6946912	FDSN	SK	--	BUD	iLoc	HHN	???	_		
PSZ	1.12	244.6	Sn	08:40:29.878	-0.8					T__				---		6946914	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	1.16	243.2	Sn	08:40:29.201	-1.7					T__				---		6946909	FDSN	HU	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/05	09:10:25.41	3.37	0.32	48.4785	20.7034	20.6	7.8	69	0.0f	6	5	279	0.11	0.82	sx	BUD	17003424	BUD				304

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Magnitude Err Nsta Author OrigID

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
JOS	0.11	279.1	Pg	09:10:27.796	-0.1					T__		90.3		---	ML	0.6	6946935	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.11	279.1	Lg	09:10:30.046	0.2					T__				---		6946936	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.6 magdef=1)																										
(Station ML: 0.6 magdef=0)																										
KECS	0.14	272.0	Lg	09:10:31.267	0.2					T__				---		6946937	FDSN	SK	--	BUD	iLoc	EHN	???	_		
HU02A	0.38	198.5	Lg	09:10:40.141	0.4					T__				---		6946938	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.78	224.3	Lg	09:10:53.411	-0.3					T__				---		6946939	FDSN	GE	--	BUD	iLoc	HHN	???	_		
ET1H	0.82	223.2	Lg	09:10:54.608	-0.1					T__				---		6946940	FDSN	HU	--	BUD	iLoc	HHN	???	_		

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

2021/11/05 09:38:04.47 0.95 0.70 48.4825 17.5144 6.1 3.1 130 0.0f 11 8 135 0.19 1.24 sx BUD 17003426 BUD 208

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude, ArrID, Agy, Deploy, Ln, Auth, Rep, PCh, ACh, L. Includes data for stations MODS, JAVC, ZST, A001A, VYHS, KRUC, RONA, and CONA.

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/05 11:36:39.48 1.38 1.20 48.3921 22.4416 18.6 7.4 69 0.0f 7 5 177 0.27 1.31 sx BUD 17003428 BUD 270

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude, ArrID, Agy, Deploy, Ln, Auth, Rep, PCh, ACh, L. Includes data for stations TRPA, KOLS, ABAH, JOS, and HU02A.

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/05 12:02:31.28 3.69 0.71 46.7901 22.7578 30.7 8.3 37 0.0f 6 4 266 0.03 1.42 sx BUD 17003432 BUD 303

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude, ArrID, Agy, Deploy, Ln, Auth, Rep, PCh, ACh, L. Includes data for stations DRGR, SIRR, and GZR.

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 BZS 1.42 214.4 Sn 12:03:17.284 -0.1 T\_\_ --- 6947109 FDSN RO -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/06	09:13:58.93	1.51	1.18	47.3779	18.3971	9.8	4.5	122	0.0f	14	11	108	0.09	1.31	sx	BUD	17003436	BUD				126

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.4 4 BUD 17003436

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
CSKK	0.09	261.0	Pg	09:14:02.143	0.7					T__		1072.1		---	ML	1.6	6947446	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.09	261.0	Lg	09:14:03.175	-0.8					T__				---		6947447	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
MSW1	0.10	279.1	Pg	09:14:02.460	1.0					T__		759.6		---	ML	1.4	6947455	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.10	279.1	Lg	09:14:03.275	-0.7					T__				---		6947456	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																										
MSW2	0.15	239.2	Pg	09:14:03.153	0.7					T__		181.9		---	ML	1.0	6947457	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.15	239.2	Lg	09:14:04.743	-1.0					T__				---		6947458	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																										
MSW3	0.18	271.7	Pg	09:14:04.193	1.0					T__		195.7		---	ML	1.1	6947459	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																										
HU09A	0.26	357.8	Lg	09:14:08.776	-0.8					T__				---		6947448	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
HU08A	0.33	279.6	Lg	09:14:10.311	-1.4					T__				---		6947449	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
ET1H	1.12	62.8	Sn	09:14:36.661	-1.3					T__				---		6947450	FDSN	HU	--	BUD	iLoc	HHN	???	_		
PSZ	1.15	61.3	Sn	09:14:37.907	-1.3					T__				---		6947451	FDSN	GE	--	BUD	iLoc	HHN	???	_		
VYHS	1.16	14.6	Lg	09:14:38.290	-0.9					T__				---		6947453	FDSN	SK	--	BUD	iLoc	HHN	???	_		
MORH	1.18	171.6	Sn	09:14:37.264	-1.8					T__				---		6947452	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KOVH	1.31	189.1	Sn	09:14:42.140	-0.2					T__				---		6947454	FDSN	HU	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/06	09:22:08.66	1.05	0.57	46.1397	18.3132	11.1	3.7	159	0.0f	5	3	179	0.16	0.39	kx	BUD	17003438	BUD				283
2021/11/06	09:22:08.72	1.01	0.71	46.1765	18.2926f				0.0f	5	3	155	0.16	0.35	kx	BUD_GT	17003439	BUD_GT				275

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
KOVH	0.16	236.7	Pg	09:22:12.664	0.1					T__		309.1		_c_	ML	1.2	6947495	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.16	236.7	Lg	09:22:15.148	-0.5					T__				---		6947497	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																										
MORH	0.25	80.9	Pg	09:22:14.335	0.1					T__		77.9		---	ML	0.9	6947496	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	0.25	80.9	Lg	09:22:17.820	-0.8					T__				---		6947498	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1																										

(Station ML: 0.9 magdef=1  
 A266A 0.35 356.8 Lg 09:22:23.138 1.0 T\_\_ --- 6947499 FDSN Z3 00 BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/08 08:58:11.53 0.88 0.83 48.5901 17.4885 4.8 3.4 136 0.0f 14 10 117 0.26 1.27 sx BUD 17003444 BUD 188

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.4 3 BUD 17003444

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.26	213.0	Pg	08:58:17.637	0.4					T__						6947756	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.26	213.0	Lg	08:58:20.766	-1.1					T__						6947755	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.30	24.1	Lg	08:58:21.502	-1.6					T__						6947757	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ZST	0.47	213.3	Lg	08:58:27.634	-1.1					T__						6947758	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A001A	0.61	283.4	Lg	08:58:32.118	-0.9					T__						6947759	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
KRUC	0.86	303.6	Lg	08:58:40.506	-0.3					T__						6947760	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	0.90	95.6	Pg	08:58:30.046	0.3					T__		19.1			ML	1.3	6947762	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.90	95.6	Lg	08:58:42.619	-0.2					T__						6947761	FDSN	SK	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.3 magdef=1

(Station ML: 1.3 magdef=1

VRAC	0.93	321.0	Lg	08:58:42.731	-0.1					T__						6947763	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MORC	1.19	1.7	Lg	08:58:51.198	1.0					T__						6947766	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
RONA	1.20	222.3	Pn	08:58:35.149	0.1					T__		51.5			ML	1.9	6947765	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.20	222.3	Lg	08:58:51.155	0.5					T__						6947764	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.9 magdef=1

(Station ML: 1.9 magdef=1

CONA	1.27	239.3	Pn	08:58:36.445	0.1					T__		82.3			ML	2.1	6947768	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.27	239.3	Lg	08:58:53.338	0.3					T__						6947767	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.1 magdef=1

(Station ML: 2.1 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/08 08:59:46.93 0.93 1.19 47.1333 18.1218 4.9 4.1 67 0.0f 9 6 104 0.25 1.05 sx BUD 17003446 BUD 154

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.4 3 BUD 17003446

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.25	22.3	Pg	08:59:53.138	0.7					T__		84.0			ML	0.9	6947793	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.25	22.3	Lg	08:59:56.984	-0.4					T__						6947794	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 0.9 magdef=1

(Station ML: 0.9 magdef=1

A267A	0.31	127.1	Lg	08:59:57.952	-1.2					T__						6947795	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	335.7	Lg	08:59:58.325	-1.5					T__						6947796	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.40	275.5	Pg	08:59:56.183	0.8					T__		74.1			ML	1.3	6947797	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.40	275.5	Lg	09:00:01.112	-0.8					T__						6947798	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.3 magdef=1

(Station ML: 1.3 magdef=1

MORH	0.99	158.5	Pg	09:00:07.411	0.8					T__		32.3			ML	1.6	6947800	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.99	158.5	Lg	09:00:20.482	-0.6					T__						6947799	FDSN	HU	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1  
 KOVH 1.05 180.8 Lg 09:00:22.052 -1.3 T\_\_ --- 6947801 FDSN HU -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/08	09:04:22.43	1.10	2.52	47.7529	19.0675	6.7	5.4	80	0.0f	7	5	154	0.10	1.05	kx	BUD	17003448	BUD				267
2021/11/08	09:04:22.69	0.98	2.39	47.7791	19.0372f				0.0f	7	5	167	0.07	1.06	kx	BUD_GT	17003449	BUD_GT				273

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

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	349.3	Pg	09:04:25.536	1.0					T__		945.4		---	ML	1.5	6947855	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	349.3	Lg	09:04:26.055	-0.3					T__				---		6947858	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
BUD	0.30	181.7	Lg	09:04:32.996	-1.6					T__				---		6947859	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU03A	0.40	71.6	Lg	09:04:37.408	-0.3					T__				---		6947856	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
PSZ	0.59	76.1	Lg	09:04:43.374	-1.6					T__				---		6947857	FDSN	GE	--	BUD	iLoc	HHN	???	_	
HU02A	1.06	70.5	Pn	09:04:42.752	-1.0					T__	43.0			---	ML	1.7	6947853	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.06	70.5	Sn	09:04:55.352	-5.2					T__				---		6947854	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/11/08	09:16:19.01	0.93	1.07	47.7388	19.0444	5.3	3.6	154	0.0f	18	13	162	0.11	1.45	kx	BUD	17003450	BUD					169	
2021/11/08	09:16:19.27	0.87	0.94	47.7791	19.0372f				0.0f	18	13	155	0.07	1.41	kx	BUD_GT	17003451	BUD_GT						163

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

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.0 5 BUD\_GT 17003451

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	349.3	Pg	09:16:22.470	1.3					T__		4089.0		---	ML	2.1	6947925	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	349.3	Lg	09:16:23.259	0.3					T__				---		6947927	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU03A	0.40	71.6	Lg	09:16:33.955	-0.3					T__				---		6947928	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.46	252.6	Lg	09:16:35.530	-1.3					T__				---		6947929	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.59	76.1	Pg	09:16:32.364	0.2					T__	172.5			---	ML	2.1	6947931	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.59	76.1	Lg	09:16:40.214	-1.3					T__				---		6947930	FDSN	GE	--	BUD	iLoc	HHN	???	_	
CSKK	0.67	231.9	Lg	09:16:42.337	-1.7					T__				---		6947932	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.73	349.4	Lg	09:16:44.786	-0.2					T__				---		6947933	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU08A	0.83	245.6	Lg	09:16:47.607	-1.5					T__				---		6947934	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	1.06	70.5	Pg	09:16:41.468	0.4					T__	37.7			---	ML	1.7	6947936	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.06	70.5	Sn	09:16:55.812	-1.3					T__				---		6947935	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

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

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
MPLH 1.18 239.6 Lg 09:16:59.207 -0.7 T__ --- 6947937 FDSN HU -- BUD iLoc HHN ??? _
KECS 1.20 53.5 Pg 09:16:43.498 0.4 T__ 91.5 --- ML 2.1 6947939 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.20 53.5 Sn 09:16:59.836 -0.5 T__ --- 6947938 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
JOS 1.24 54.0 Pg 09:16:43.729 -0.0 T__ 41.2 --- ML 1.8 6947926 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.24 54.0 Sn 09:17:01.009 -0.2 T__ --- 6947940 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 1.32 297.4 Sn 09:17:03.170 -0.8 T__ --- 6947941 FDSN SK -- BUD iLoc HHN ??? _
JAVC 1.41 320.3 Sn 09:17:05.878 -1.0 T__ --- 6947942 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/08 09:50:51.61 0.88 1.03 47.9130 19.4022 5.8 2.7 173 0.0f 17 10 119 0.13 1.49 kx BUD 17003452 BUD 154
2021/11/08 09:50:51.48 0.84 0.97 47.8920 19.4049f 0.0f 17 10 128 0.13 1.51 kx BUD_GT 17003453 BUD_GT 164
(locality : Bercel Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.7 0.2 7 BUD_GT 17003453

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU03A 0.13 84.8 Pg 09:50:55.864 1.2 T__ 1381.3 --- ML 1.8 6947986 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.13 84.8 Lg 09:50:57.931 0.7 T__ --- 6947985 FDSN ZJ 00 BUD iLoc HHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU10A 0.26 259.9 Pg 09:50:58.141 0.9 T__ 890.3 --- ML 2.0 6947984 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.26 259.9 Lg 09:51:01.471 -0.5 T__ --- 6947988 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.33 85.2 Pg 09:50:59.480 0.5 T__ 199.3 --- ML 1.5 6947987 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.33 85.2 Lg 09:51:03.807 -0.9 T__ --- 6947989 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 0.71 327.9 Pg 09:51:06.499 0.5 T__ 21.7 --- ML 1.2 6947991 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.71 327.9 Lg 09:51:15.582 -1.0 T__ --- 6947990 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU09A 0.73 250.2 Lg 09:51:17.146 -1.3 T__ --- 6947992 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.79 72.6 Pg 09:51:08.028 0.2 T__ 57.7 --- ML 1.7 6947994 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.79 72.6 Lg 09:51:18.136 -2.0 T__ --- 6947993 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.93 50.3 Pn 09:51:10.734 -0.0 T__ 105.6 --- ML 2.0 6947996 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.93 50.3 Lg 09:51:23.030 -1.1 T__ --- 6947995 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 0.97 51.1 Pn 09:51:11.469 0.2 T__ 45.4 --- ML 1.7 6947997 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.97 51.1 Lg 09:51:24.373 -1.6 T__ --- 6947998 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1

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(Station ML: 1.7 magdef=1  
 A267A 1.13 213.9 Sn 09:51:30.272 -0.5 T\_\_ --- 6947999 FDSN Z3 00 BUD iLoc HHN ??? \_  
 JAVC 1.51 310.6 Sn 09:51:41.701 0.3 T\_\_ --- 6948000 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/08	09:56:24.44	0.90	0.82	48.5887	17.4403	8.2	3.1	123	0.0f	10	6	124	0.24	1.24	sx	BUD	17003454	BUD				177

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 3 BUD 17003454

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
MODS	0.24	206.8	Pg	09:56:30.324	0.5					T__						6948034	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.24	206.8	Lg	09:56:32.899	-1.3					T__						6948037	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.31	29.3	Pg	09:56:31.628	0.4					T__	136.5			_c	ML	1.3	6948041	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_	
JAVC	0.31	29.3	Lg	09:56:35.296	-1.3					T__						6948042	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																										
VYHS	0.93	95.3	Lg	09:56:56.548	-0.2					T__						6948036	FDSN	SK	--	BUD	iLoc	HHN	???	_		
RONA	1.17	221.2	Pg	09:56:47.730	0.1					T__	60.1			---	ML	1.9	6948035	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	1.17	221.2	Lg	09:57:03.251	0.4					T__						6948043	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																										
MORC	1.19	3.2	Lg	09:57:03.400	0.2					T__						6948038	FDSN	CZ	--	BUD	iLoc	HHE	???	_		
CONA	1.24	238.5	Pn	09:56:49.245	0.4					T__	68.5			---	ML	2.0	6948040	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	1.24	238.5	Lg	09:57:04.282	-0.7					T__						6948039	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/08	11:23:07.53	1.03	0.86	47.8483	19.1401	10.3	4.1	175	0.0f	10	7	185	0.08	1.14	kx	BUD	17003458	BUD				260
2021/11/08	11:23:07.41	0.94	0.83	47.8355	19.1270f				0.0f	10	7	197	0.07	1.15	kx	BUD_GT	17003459	BUD_GT				263

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

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.3 3 BUD\_GT 17003459

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
HU10A	0.07	277.6	Pg	11:23:10.101	0.7					T__		631.8		---	ML	1.3	6948104	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU10A	0.07	277.6	Lg	11:23:10.690	-0.6					T__						6948105	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																										
HU03A	0.33	77.7	Lg	11:23:19.984	0.1					T__						6948106	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
PSZ	0.52	80.6	Lg	11:23:26.232	-1.0					T__						6948107	FDSN	GE	--	BUD	iLoc	HHN	???	_		
VYHS	0.69	343.6	Lg	11:23:31.285	-0.4					T__						6948103	FDSN	SK	--	BUD	iLoc	HHE	???	_		
HU02A	0.98	72.5	Pg	11:23:28.064	0.4					T__	35.6			---	ML	1.6	6948109	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.98	72.5	Lg	11:23:41.523	-1.7					T__						6948108	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
KECS	1.12	54.0	Sn	11:23:45.649	-0.8					T__						6948110	FDSN	SK	--	BUD	iLoc	EHN	???	_		

JOS	1.15	54.5	Pg	11:23:30.213	-0.1	T__	42.9	___	ML	1.8	6948112	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	11:23:46.607	-0.7	T__		---			6948111	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/08	11:34:31.72	0.85	0.89	48.2481	19.8634	3.8	3.0	135	0.0f		20	14	80	0.33	1.58	sx	BUD	17003460	BUD			126

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	6 BUD	17003460

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.33	176.4	Pg	11:34:39.553	0.4					T__		731.8		_c	ML	2.1	6948151	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.33	176.4	Lg	11:34:44.607	-0.2					T__				---		6948155	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
HU03A	0.39	207.3	Pg	11:34:40.910	0.9					T__		444.4		___	ML	2.0	6948157	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.39	207.3	Lg	11:34:46.144	0.0					T__				---		6948156	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.46	105.6	Pg	11:34:41.838	0.3					T__		140.3		___	ML	1.7	6948160	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	105.6	Lg	11:34:48.484	-0.6					T__				---		6948159	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.48	60.2	Lg	11:34:48.307	-0.4					T__				---		6948158	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.51	60.9	Pg	11:34:42.544	0.5					T__		181.7		___	ML	2.0	6948153	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.51	60.9	Lg	11:34:49.578	-0.4					T__				---		6948152	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU23A	0.66	156.8	Lg	11:34:55.584	-0.4					T__				---		6948161	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.70	234.9	Lg	11:34:55.840	-1.4					T__				---		6948162	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.73	290.1	Pg	11:34:47.196	0.7					T__		29.5		___	ML	1.4	6948154	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.73	290.1	Lg	11:34:56.044	-1.2					T__				---		6948163	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU01A	0.92	190.4	Lg	11:35:03.828	-1.1					T__				---		6948165	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.92	86.5	Lg	11:35:03.375	-1.0					T__				---		6948164	FDSN	HU	--	BUD	iLoc	HHN	???	_	
BSZH	0.99	163.8	Sn	11:35:06.049	-1.0					T__				---		6948166	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU05A	1.10	128.6	Sn	11:35:09.825	-0.1					T__				---		6948167	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	1.21	13.7	Pg	11:34:55.634	1.1					T__		38.3		___	ML	1.8	6948169	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.21	13.7	Lg	11:35:11.142	-1.0					T__				---		6948168	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JAVC	1.58	293.6	Sn	11:35:21.990	-1.4					T__				---		6948170	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/11/08	12:11:49.83	1.20	0.99	47.8988	16.5257	9.2	5.4	140	0.0f		7	6	171	0.25	0.99	sx	BUD	17003464	BUD					295

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.25	217.9	Pg	12:11:54.807	-0.3					T__		56.9		---	ML	0.8	6948261	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.25	217.9	Lg	12:11:58.539	-0.3					T__				---		6948262	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
CONA	0.45	274.0	Lg	12:12:04.430	-0.5					T__				---		6948260	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.69	46.4	Lg	12:12:15.366	0.3					T__				---		6948265	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A013A	0.77	282.8	Lg	12:12:14.781	0.1					T__				---		6948266	FDSN	Z3	00	BUD	iLoc	HHZ	???	_	
ARSA	0.94	226.7	Lg	12:12:21.220	1.4					T__				---		6948263	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	0.99	261.5	Lg	12:12:22.555	1.2					T__				---		6948264	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/08	14:11:59.13	1.25	0.70	48.4378	20.7792	8.1	5.6	28	0.0f		8	6	184	0.17	0.83	sx	BUD	17003466	BUD			278

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	290.1	Pg	14:12:03.167	0.4					T__		211.5		_c	ML	1.1	6948286	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	290.1	Lg	14:12:04.957	-0.7					T__				---		6948288	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.20	283.2	Pg	14:12:03.824	0.4					T__		364.7		---	ML	1.4	6948287	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	283.2	Lg	14:12:06.080	-0.6					T__				---		6948289	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.34	114.6	Lg	14:12:11.624	-0.6					T__				---		6948290	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.36	208.4	Lg	14:12:13.082	0.2					T__				---		6948291	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.79	229.1	Lg	14:12:26.998	-0.8					T__				---		6948292	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.83	227.7	Lg	14:12:28.222	-0.4					T__				---		6948293	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/09	01:06:18.50	0.99	0.82	46.2899	19.8570	9.3	3.7	177	10.0f		15	9	170	0.10	1.25	ke	BUD	17003468	BUD			177

Magnitude Err Nsta Author OrigID  
ML 1.7 0.3 5 BUD 17003468

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU21A	0.10	295.9	Pg	01:06:21.591	0.2					T__		732.5		_c	ML	1.4	6948362	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.10	295.9	Lg	01:06:23.740	-0.2					T__				---		6948363	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU22A	0.50	274.6	Lg	01:06:35.795	-1.2					T__				---		6948375	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU04A	0.58	333.5	Lg	01:06:39.163	-0.5					T__				---		6948367	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
AMBH	0.61	84.0	Pg	01:06:30.646	-0.3					T__				---		6948365	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
AMBH	0.61	84.0	Lg	01:06:39.611	-0.4					T__				---		6948366	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU06A	0.65	49.0	Pg	01:06:32.463	0.6					T__		134.6		---	ML	2.0	6948369	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	0.65	49.0	Lg	01:06:40.743	-0.6					T__				---		6948368	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
A272A	0.77	306.8	Pn	01:06:34.209	0.6					T__		92.7		---	ML	1.9	6948370	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_

A272A	0.77	306.8	Sn	01:06:45.226	-0.4	T__								6948371	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
MORH	0.85	265.3	Pn	01:06:35.105	0.4	T__	25.0							6948372	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.85	265.3	Sn	01:06:47.113	-0.3	T__								6948373	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=0)																						
KOVH	1.24	261.3	Pn	01:06:42.062	1.8	T__	31.1							6948361	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.24	261.3	Lg	01:06:59.625	-0.2	T__								6948364	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
SIRR	1.25	90.4	Sn	01:06:58.803	1.1	T__								6948374	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/09	01:47:43.71	1.00	1.54	46.3062	19.8516	7.7	4.2	1	8.1	7.2	17	10	141	0.09	1.61	ke	BUD	17003470	BUD			169

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	17003470

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU21A	0.09	287.5	Pg	01:47:46.800	0.5					T__		826.7			ML	1.5	6948416	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU21A	0.09	287.5	Lg	01:47:48.066	-0.4					T__						6948417	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU22A	0.50	272.8	Pg	01:47:54.703	0.9					T__		132.1			ML	1.8	6948419	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.50	272.8	Lg	01:48:00.611	-1.4					T__						6948418	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU04A	0.57	333.1	Pg	01:47:55.892	0.4					T__		116.4			ML	1.9	6948420	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.57	333.1	Lg	01:48:03.757	-0.7					T__						6948421	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
AMBH	0.61	85.5	Pg	01:47:56.237	-0.1					T__						6948423	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
AMBH	0.61	85.5	Lg	01:48:04.831	-0.5					T__						6948422	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A272A	0.75	305.9	Pg	01:47:58.961	0.2					T__		100.9			ML	1.9	6948424	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	0.75	305.9	Lg	01:48:09.741	-0.8					T__						6948425	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
MORH	0.84	264.2	Pg	01:48:00.227	-0.0					T__		34.6			ML	1.5	6948426	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.84	264.2	Lg	01:48:11.774	-0.9					T__						6948427	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KOVH	1.24	260.5	Pn	01:48:07.286	1.7					T__		37.7			ML	1.8	6948428	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.24	260.5	Sn	01:48:23.782	1.2					T__						6948429	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
SIRR	1.25	91.1	Sn	01:48:23.705	0.3					T__						6948430	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	1.41	118.6	Sn	01:48:29.000	1.8					T__						6948431	FDSN	RO	--	BUD	iLoc	HHE	???	_	
PSZ	1.61	1.0	Sn	01:48:36.442	4.2					T__						6948432	FDSN	GE	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/09	08:11:06.97	1.32	0.81	48.5431	20.8106	6.9	5.4	39	0.0f	12	8	151	0.19	1.03	sx	BUD	17003472	BUD				235

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	4 BUD	17003472

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	255.4	Pg	08:11:11.385	0.5					T__		123.0		___	ML	0.9	6948467	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	255.4	Lg	08:11:14.248	0.2					T__				---		6948470	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
KECS	0.22	254.6	Pg	08:11:11.924	0.3					T__		349.5		---	ML	1.5	6948468	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	254.6	Lg	08:11:15.307	-0.0					T__				---		6948471	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
ABAH	0.38	130.7	Lg	08:11:20.919	-0.5					T__				---		6948472	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.46	204.5	Pg	08:11:17.535	0.7					T__		42.1		---	ML	1.2	6948469	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	204.5	Lg	08:11:23.793	-0.5					T__				---		6948473	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
PSZ	0.88	224.8	Lg	08:11:37.296	-1.3					T__				---		6948474	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.91	223.7	Pn	08:11:25.861	-0.1					T__		32.9		---	ML	1.5	6948477	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	223.7	Lg	08:11:38.548	-0.9					T__				---		6948476	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
NIE	0.94	339.2	Lg	08:11:37.202	-0.8					T__				---		6948475	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU03A	1.03	232.1	Lg	08:11:42.315	-1.1					T__				---		6948478	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/09	10:28:05.52	0.90	1.22	48.4154	19.1878	5.4	3.4	23	0.0f	14	12	101	0.25	1.37	sx	BUD	17003474	BUD				150

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.25	288.7	Pg	10:28:11.820	1.1					T__		44.4		___	ML	0.6	6948600	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.25	288.7	Lg	10:28:14.085	-0.6					T__				---		6948599	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																									
HU03A	0.58	151.5	Lg	10:28:26.566	0.0					T__				---		6948606	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU10A	0.58	191.3	Lg	10:28:26.294	-0.7					T__				---		6948605	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.69	136.2	Lg	10:28:30.127	-0.6					T__				---		6948601	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.71	139.3	Lg	10:28:30.644	-0.3					T__				---		6948602	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.87	85.0	Lg	10:28:35.739	0.0					T__				---		6948607	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.90	84.4	Lg	10:28:35.798	-1.2					T__				---		6948603	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
HU02A	0.94	107.7	Pg	10:28:24.600	-0.3					T__		45.9		---	ML	1.7	6948598	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.94	107.7	Lg	10:28:38.538	-0.6					T__				---		6948608	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
JAVC	1.10	294.4	Lg	10:28:41.764	-2.8					T__				---		6948609	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
NIE	1.24	35.7	Lg	10:28:47.050	0.1					T__				---		6948610	FDSN	PL	--	BUD	iLoc	BHN	???	_	
MODS	1.27	268.8	Sn	10:28:47.110	-2.0					T__				---		6948604	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	1.37	94.2	Sn	10:28:51.404	0.6					T__				---		6948611	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/09	11:15:08.28	0.99	1.00	48.8342	21.5816	8.4	4.1	154	0.0f		12	8	132	0.47	1.49	sx	BUD	17003476	BUD			257

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	3 BUD	17003476

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOLS	0.47	77.5	Pg	11:15:17.960	0.6					T__						6948639	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.47	77.5	Lg	11:15:23.710	-1.4					T__						6948645	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.58	203.0	Pg	11:15:20.706	0.7					T__		128.6			ML	1.9	6948640	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.58	203.0	Lg	11:15:28.456	-1.3					T__						6948646	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.77	244.3	Pg	11:15:24.020	0.5					T__		135.9			ML	2.1	6948643	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.77	244.3	Lg	11:15:34.582	-0.4					T__						6948641	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KECS	0.81	244.6	Lg	11:15:35.917	-0.4					T__						6948642	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU02A	1.00	225.0	Pn	11:15:28.169	-0.4					T__		89.7			ML	2.0	6948638	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.00	225.0	Lg	11:15:42.106	-1.6					T__						6948648	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
NIE	1.03	305.2	Lg	11:15:42.242	-0.6					T__						6948647	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	1.45	231.5	Sn	11:15:55.517	-0.6					T__						6948649	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.49	230.7	Sn	11:15:56.360	-0.2					T__						6948644	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/09	11:41:36.40	4.19	1.50	46.8425	22.7571	31.6	16.0	156	0.0f		6	4	279	0.06	1.56	sx	BUD	17003480	BUD			306

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.1	3 BUD	17003480

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.06	211.8	Pg	11:41:38.109	0.1					T__		149.2			ML	0.6	6948719	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.06	211.8	Lg	11:41:39.546	0.0					T__						6948720	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
SIRR	0.95	233.2	Lg	11:42:08.632	-0.7					T__						6948721	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.45	179.5	Pg	11:42:03.976	0.1					T__		44.1			ML	2.0	6948717	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.45	179.5	Sn	11:42:22.539	-1.4					T__						6948722	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
LOT	1.56	152.9	Sn	11:42:25.048	-2.1					T__						6948718	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/09	13:18:05.59	2.03	0.52	48.5578	20.8945	13.2	6.2	25	0.0f		11	6	243	0.24	0.96	sx	BUD	17003484	BUD			314

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	17003484

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.24	255.4	Pg	13:18:10.921	0.3					T__		358.4		___	ML	1.5	6948783	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.24	255.4	Lg	13:18:14.601	0.0					T__				---		6948784	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KECS	0.28	254.8	Pg	13:18:11.406	0.0					T__		840.6		___	ML	2.0	6948782	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.28	254.8	Lg	13:18:15.812	-0.1					T__				---		6948787	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=0)																									
ABAH	0.35	138.6	Lg	13:18:18.550	-0.5					T__				---		6948788	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.50	209.6	Pg	13:18:16.765	0.6					T__		61.3		___	ML	1.5	6948786	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	209.6	Lg	13:18:24.132	-0.1					T__				---		6948785	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
PSZ	0.93	226.6	Pn	13:18:24.404	-0.5					T__		55.5		___	ML	1.8	6948790	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.93	226.6	Lg	13:18:37.966	-0.9					T__				---		6948789	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
ET1H	0.96	225.6	Pn	13:18:24.872	-0.4					T__		46.2		___	ML	1.7	6948792	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.96	225.6	Lg	13:18:39.372	-0.4					T__				---		6948791	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/09	13:50:48.15	0.93	0.51	47.8742	16.1279	4.9	4.2	44	0.0f		15	8	90	0.19	1.20	sx	BUD	17003486	BUD			138

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	7 BUD	17003486

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.19	286.9	Pg	13:50:51.593	-0.5					T__		400.7		_c	ML	1.4	6948831	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.19	286.9	Lg	13:50:54.343	-0.5					T__				---		6948837	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
RONA	0.21	146.9	Pg	13:50:53.453	0.9					T__		93.1		___	ML	0.8	6948832	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.21	146.9	Lg	13:50:55.890	0.2					T__				---		6948838	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
A011B	0.48	193.9	Pg	13:50:57.833	0.2					T__		57.2		___	ML	1.4	6948840	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A011B	0.48	193.9	Lg	13:51:03.583	-0.2					T__				---		6948839	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
A013A	0.52	291.6	Pg	13:50:58.562	0.3					T__		96.8		___	ML	1.7	6948833	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.52	291.6	Lg	13:51:05.375	0.4					T__				---		6948841	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
A018A	0.72	259.9	Pg	13:51:02.062	-0.1					T__		104.1		___	ML	1.9	6948834	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.72	259.9	Lg	13:51:11.531	0.4					T__				---		6948842	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
ARSA	0.75	213.5	Pg	13:51:01.500	-1.1					T__		54.4		___	ML	1.7	6948835	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_

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ARSA  0.75 213.5 Lg      13:51:11.937 -0.1      T__          ---          6948836   FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MODS  0.92  56.6 Lg      13:51:20.683 -0.3      T__          ---          6948843   FDSN SK      -- BUD  iLoc  HHN ??? _
KRUC  1.20  8.4 Pg       13:51:10.925 -0.3      T__          60.4         --- ML      1.9 6948845   FDSN CZ      -- BUD  iLoc  HHZ HHZ _
KRUC  1.20  8.4 Sn       13:51:28.737  0.0      T__          ---          6948844   FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/11/09 14:31:15.58  0.97  0.69 47.6085 16.3821  5.1  3.8 168  0.0f      14  10 126  0.11  1.45  sx BUD      17003488  BUD                177

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Magnitude Err Nsta Author      OrigID
ML      1.3 0.3   4 BUD      17003488

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Sta  Dist EvAz Phase      Time      TRes Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
RONA  0.11 327.6 Pg      14:31:18.135  0.0      T__          448.8         --- ML      1.3 6948885   FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.11 327.6 Lg      14:31:19.963 -0.1      T__          ---          6948888   FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SOP   0.14 57.8 Pg       14:31:19.170  0.4      T__          193.3         --- ML      1.0 6948884   FDSN HU      -- BUD  iLoc  HHZ HHZ _
SOP   0.14 57.8 Lg       14:31:21.295  0.1      T__          ---          6948889   FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
AO11B 0.35 235.3 Lg      14:31:26.462 -0.6      T__          ---          6948890   FDSN Z3      00 BUD  iLoc  HH2 ??? _
CONA  0.47 312.5 Pg      14:31:24.312 -0.8      T__          63.6         --- ML      1.4 6948887   FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  0.47 312.5 Lg      14:31:31.999  0.5      T__          ---          6948886   FDSN OE      -- BUD  iLoc  HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ARSA  0.68 238.8 Lg      14:31:37.419 -0.0      T__          ---          6948891   FDSN OE      -- BUD  iLoc  HHN ??? _
AO13A 0.80 305.1 Pg      14:31:31.715  0.7      T__          69.3         --- ML      1.8 6948893   FDSN Z3      00 BUD  iLoc  HHZ HHZ _
AO13A 0.80 305.1 Lg      14:31:42.340  1.0      T__          ---          6948892   FDSN Z3      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
AO18A 0.89 279.2 Lg      14:31:44.800  0.7      T__          ---          6948894   FDSN Z3      00 BUD  iLoc  HHN ??? _
MODS  0.97  37.8 Lg       14:31:49.050 -1.4      T__          ---          6948895   FDSN SK      -- BUD  iLoc  HHN ??? _
KOGS  1.16 184.5 Lg       14:31:53.082 -0.1      T__          ---          6948896   FDSN SL      -- BUD  iLoc  BHN ??? _
KRUC  1.45  0.3 Sn       14:32:02.558  0.2      T__          ---          6948897   FDSN CZ      -- BUD  iLoc  HHN ??? _

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Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author      OrigID  Rep  DPdep  Err Sgp
2021/11/10 08:20:28.31  0.98  0.85 47.2280 18.2936  4.6  4.3  88  0.0f      17  10  92  0.09  1.15  kx BUD      17003490  BUD                158
2021/11/10 08:20:28.36  0.88  0.79 47.2302 18.2835f  0.0f      17  10  91  0.09  1.15  kx BUD_GT   17003491  BUD_GT            156

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

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Magnitude Err Nsta Author      OrigID
ML      1.3 0.0   7 BUD_GT  17003491

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Sta  Dist EvAz Phase      Time      TRes Azim AzRes  Slow  SRes Def  SNR      Amp  Per Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
MSW2  0.09 325.6 Pg      08:20:31.111  0.3      T__          506.2         _c_ ML      1.2 6949006   FDSN HU      -- BUD  iLoc  HHZ HHZ _

```

MSW2	0.09	325.6	Lg	08:20:32.513	-0.7	T__								6949007	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																						
(Station ML: 1.2 magdef=1)																						
CSKK	0.13	353.3	Pg	08:20:32.495	0.8	T__	407.4							6948996	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.13	353.3	Lg	08:20:33.996	-0.8	T__								6948998	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=1)																						
MSW1	0.16	354.2	Pg	08:20:32.954	0.7	T__	233.0							6949009	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.16	354.2	Lg	08:20:35.318	-0.5	T__								6949008	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1)																						
(Station ML: 1.1 magdef=1)																						
MSW3	0.19	325.1	Pg	08:20:33.194	0.5	T__	122.1							6949010	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.19	325.1	Lg	08:20:35.799	-0.7	T__								6949011	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.9 magdef=1)																						
(Station ML: 0.9 magdef=0)																						
HU08A	0.32	309.6	Pg	08:20:35.845	0.6	T__	125.8							6949000	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.32	309.6	Lg	08:20:40.128	-0.8	T__								6948999	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																						
(Station ML: 1.3 magdef=1)																						
A271A	0.38	101.2	Lg	08:20:41.729	-1.6	T__								6949012	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU09A	0.41	9.3	Lg	08:20:44.010	-0.4	T__								6948997	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MPLH	0.51	263.5	Pg	08:20:39.902	0.9	T__	58.3							6949002	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	08:20:46.349	-0.7	T__								6949001	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																						
(Station ML: 1.5 magdef=1)																						
MORH	1.05	166.2	Pg	08:20:49.776	0.5	T__	56.1							6949004	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.05	166.2	Lg	08:21:03.797	-0.6	T__								6949003	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=0)																						
KOVH	1.15	186.4	Sn	08:21:06.953	-0.9	T__								6949005	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	09:11:54.51	1.10	0.89	48.7918	19.4268	7.9	4.3	165	0.0f		11	6	169	0.49	0.99	sx	BUD	17003492	BUD			241

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	17003492

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.49	233.0	Pg	09:12:05.104	0.5					T__		18.4			ML	0.9	6949089	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.49	233.0	Lg	09:12:11.232	-0.6					T__						6949088	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
KECS	0.77	113.3	Lg	09:12:20.603	-0.6					T__						6949090	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.80	111.5	Pg	09:12:11.322	1.1					T__	81.7				ML	1.9	6949092	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.80	111.5	Lg	09:12:22.045	-0.1					T__						6949091	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
NIE	0.85	42.1	Pn	09:12:12.499	-0.5					T__	67.8				ML	1.8	6949085	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.85	42.1	Lg	09:12:21.610	-1.0					T__						6949086	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.93	160.2	Pn	09:12:13.660	-0.4					T__	71.2				ML	1.9	6949093	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

PSZ	0.93	160.2	Lg	09:12:27.091	-0.8	T__								6949094	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=0)																								
HU02A	0.99	132.1	Pn	09:12:14.536	-0.3	T__				55.8				ML	1.8	6949084	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.99	132.1	Lg	09:12:27.806	-1.4	T__										6949087	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	09:31:20.33	1.27	0.73	47.5999	16.3782	7.6	4.4	143	0.0f		11	8	180	0.11	0.98		sx BUD	17003494	BUD			198

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.0	3 BUD	17003494

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.11	331.0	Pg	09:31:23.260	0.3					T__		2070.2		_c	ML	1.9	6949126	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	331.0	Lg	09:31:24.914	-0.1					T__						6949127	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
SOP	0.15	55.5	Lg	09:31:26.904	0.8					T__						6949128	FDSN	HU	--	BUD	iLoc	HHE	???	_	
A011B	0.34	236.2	Lg	09:31:30.970	-0.7					T__						6949129	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
CONA	0.48	313.5	Lg	09:31:35.505	-0.9					T__						6949130	FDSN	OE	--	BUD	iLoc	HHE	???	_	
ARSA	0.68	239.3	Lg	09:31:41.871	-0.1					T__						6949131	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A013A	0.80	305.7	Pg	09:31:36.020	0.2					T__		151.3			ML	2.1	6949133	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.80	305.7	Lg	09:31:46.654	0.4					T__						6949132	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A018A	0.89	279.8	Pg	09:31:37.737	0.1					T__		88.0			ML	1.9	6949135	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.89	279.8	Lg	09:31:49.257	0.5					T__						6949134	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MODS	0.98	37.6	Lg	09:31:54.033	-1.4					T__						6949136	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	09:36:41.21	1.78	0.19	46.9042	17.3359	9.6	8.1	31	0.0f		4	4	143	0.14	1.14		sx BUD	17003496	BUD			240

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A261A	0.14	290.5	Lg	09:36:47.389	0.0					T__						6949158	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	0.30	27.6	Lg	09:36:53.055	0.0					T__						6949159	FDSN	HU	--	BUD	iLoc	HHN	???	_
KOVH	0.97	146.8	Lg	09:37:14.663	0.0					T__						6949160	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.14	126.9	Sn	09:37:19.730	-0.2					T__						6949161	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	09:51:46.25	1.33	1.07	46.1315	18.0527	9.8	5.2	120	0.0f		7	5	123	0.05	1.10		sx BUD	17003498	BUD			198

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.05	142.8	Pg	09:51:48.400	0.4					T__		946.4		_c_	ML	1.4	6949179	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.05	142.8	Lg	09:51:48.822	-1.0					T__						6949181	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.4 magdef=1)								(Station ML: 1.4 magdef=1)													
A273A	0.27	217.5	Lg	09:51:56.131	-0.2					T__						6949182	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
MORH	0.42	78.3	Pg	09:51:55.722	0.6					T__		35.7			ML	1.0	6949180	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.42	78.3	Lg	09:52:01.344	-0.6					T__						6949184	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)								(Station ML: 1.0 magdef=1)													
A266A	0.42	20.4	Lg	09:52:01.060	-0.9					T__						6949183	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	1.10	341.4	Sn	09:52:22.829	-1.4					T__						6949185	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	09:54:06.32	1.91	0.39	48.5371	18.8882	15.3	4.8	160	0.0f		11	6	232	0.06	1.17	sx	BUD	17003500	BUD			316

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	5 BUD	17003500

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.06	218.8	Pg	09:54:07.689	-0.1					T__		239.0		_c_	ML	0.8	6949213	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.06	218.8	Lg	09:54:09.222	0.2					T__						6949222	FDSN	SK	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)								(Station ML: 0.8 magdef=0)													
PSZ	0.91	132.2	Pn	09:54:24.825	-0.8					T__		116.9			ML	2.1	6949214	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.91	132.2	Lg	09:54:39.086	-0.2					T__						6949219	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.1 magdef=1)								(Station ML: 2.1 magdef=0)													
ET1H	0.93	134.7	Pn	09:54:25.240	-0.4					T__		82.7			ML	1.9	6949215	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.93	134.7	Lg	09:54:39.612	0.2					T__						6949220	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.9 magdef=1)								(Station ML: 1.9 magdef=1)													
KECS	1.06	92.3	Lg	09:54:43.287	0.3					T__						6949221	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.10	91.5	Pn	09:54:27.696	-0.3					T__		86.7			ML	2.0	6949216	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.10	91.5	Lg	09:54:44.298	0.2					T__						6949212	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)								(Station ML: 2.0 magdef=1)													
HU02A	1.17	110.2	Pn	09:54:29.123	0.0					T__		65.2			ML	2.0	6949218	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.17	110.2	Sn	09:54:47.178	0.1					T__						6949217	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 2.0 magdef=1)								(Station ML: 2.0 magdef=1)													

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	10:30:23.79	1.06	0.89	48.5354	20.8256	5.3	4.7	101	0.0f		13	9	88	0.19	1.32	sx	BUD	17003502	BUD			157

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	4 BUD	17003502

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	258.3	Pg	10:30:28.320	0.4					T__		411.5		_c_	ML	1.5	6949256	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.19	258.3	Lg	10:30:31.020	-0.1	T__									6949260	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
KECS	0.23	257.1	Pg	10:30:28.894	0.3	T__	1098.0								6949258	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	257.1	Lg	10:30:32.397	-0.0	T__									6949257	FDSN	SK	--	BUD	iLoc	EHE	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							
ABAH	0.37	130.8	Lg	10:30:37.815	0.0	T__									6949261	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.46	206.0	Pg	10:30:33.929	0.4	T__	47.6								6949263	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	206.0	Lg	10:30:40.782	-0.2	T__									6949262	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																							
(Station ML: 1.3 magdef=1)																							
PSZ	0.88	225.6	Lg	10:30:54.170	-1.3	T__									6949259	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.92	224.5	Lg	10:30:55.640	-0.7	T__									6949266	FDSN	HU	--	BUD	iLoc	HHN	???	_
NIE	0.95	338.8	Pg	10:30:42.189	0.5	T__	42.7								6949265	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.95	338.8	Lg	10:30:54.263	-0.9	T__									6949264	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																							
(Station ML: 1.7 magdef=1)																							
KOLS	1.04	66.9	Lg	10:30:58.494	-1.3	T__									6949267	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	1.32	269.0	Sn	10:31:06.771	-1.6	T__									6949268	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	10:51:19.11	0.79	1.06	46.9494	17.3970	3.7	2.8	163	0.0f		33	24	68	0.17	2.01	sx	BUD	17003504	BUD			76

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	9 BUD	17003504

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A261A	0.17	271.0	Pg	10:51:23.022	-0.1					T__		10435.9			ML	2.8	6949398	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.17	271.0	Lg	10:51:24.434	-1.9					T__						6949400	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
MPLH	0.24	23.8	Pg	10:51:24.773	0.2					T__		906.3			ML	1.9	6949397	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.24	23.8	Lg	10:51:29.649	0.7					T__						6949426	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
A263A	0.31	190.4	Lg	10:51:30.845	-0.0					T__						6949401	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
TIH	0.34	98.1	Pg	10:51:27.066	0.6					T__		1485.1			ML	2.4	6949409	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.34	98.1	Lg	10:51:31.815	-0.3					T__						6949402	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
A265A	0.59	152.3	Lg	10:51:40.090	0.3					T__						6949410	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU08A	0.60	36.5	Lg	10:51:41.675	0.3					T__						6949427	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A262A	0.60	262.2	Lg	10:51:38.645	-0.9					T__						6949403	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BEHE	0.64	222.0	Pg	10:51:32.649	0.3					T__		331.3			ML	2.4	6949411	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.64	222.0	Lg	10:51:40.790	-0.4					T__						6949404	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
CSKK	0.72	54.6	Lg	10:51:45.230	-0.6					T__						6949429	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A266A	0.73	125.1	Lg	10:51:44.028	-0.8					T__						6949428	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A267A	0.74	89.8	Lg	10:51:45.081	-1.1					T__						6949405	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOGS	0.94	238.0	Pg	10:51:37.706	0.2					T__		95.7			ML	2.0	6949407	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_

KOGS	0.94	238.0	Lg	10:51:50.278	0.6	T__								6949406	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
HU09A	0.96	43.9	Pg	10:51:38.123	-0.4	T__	316.3							6949412	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.96	43.9	Sn	10:51:51.083	-3.0	T__								6949408	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																						
(Station ML: 2.5 magdef=1)																						
KOVH	0.99	150.3	Pn	10:51:38.632	-0.4	T__	104.4							6949413	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.99	150.3	Lg	10:51:51.505	-1.6	T__								6949430	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
RONA	1.06	315.5	Lg	10:51:54.485	0.2	T__								6949431	FDSN	OE	--	BUD	iLoc	HHN	???	_
A011B	1.08	295.6	Lg	10:51:54.333	0.4	T__								6949414	FDSN	Z3	00	BUD	iLoc	HH2	???	_
MORH	1.13	130.1	Pn	10:51:42.166	1.2	T__	65.3							6949416	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.13	130.1	Sn	10:51:57.341	-0.4	T__								6949415	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																						
(Station ML: 1.9 magdef=1)																						
ARSA	1.32	283.9	Pn	10:51:44.774	0.7	T__	93.8							6949418	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.32	283.9	Lg	10:52:01.168	0.2	T__								6949417	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
CONA	1.43	313.8	Sn	10:52:05.839	0.4	T__								6949419	FDSN	OE	--	BUD	iLoc	HHN	???	_
CRES	1.75	230.8	Sn	10:52:14.683	1.6	T__								6949420	FDSN	SL	--	BUD	iLoc	BHN	???	_
VYHS	1.83	31.6	Sn	10:52:16.529	0.7	T__								6949421	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	1.92	60.1	Sn	10:52:19.465	1.8	T__								6949422	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.95	59.3	Sn	10:52:19.954	1.0	T__								6949423	FDSN	GE	--	BUD	iLoc	HHN	???	_
OBKA	2.01	258.4	Lg	10:52:25.461	1.7	T__								6949424	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	10:59:47.52	0.89	0.66	46.8605	17.3631	4.4	3.6	58	0.0f		22	18	61	0.17	1.68	sx	BUD	17003506	BUD			92

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	4 BUD	17003506

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.17	302.0	Pg	10:59:51.673	0.0					T__		6017.5			ML	2.6	6949486	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.17	302.0	Lg	10:59:53.827	-1.1					T__						6949488	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
A263A	0.22	188.6	Lg	10:59:55.378	-1.0					T__						6949489	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	0.33	21.2	Lg	11:00:00.280	-0.2					T__						6949490	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A265A	0.53	145.5	Lg	11:00:06.289	0.1					T__						6949492	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BEHE	0.56	226.2	Lg	11:00:06.150	-1.0					T__						6949491	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A260A	0.62	313.5	Lg	11:00:08.587	-0.3					T__						6949493	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU08A	0.69	33.6	Lg	11:00:12.298	-0.5					T__						6949495	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A264A	0.70	184.2	Lg	11:00:11.467	0.0					T__						6949494	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A267A	0.77	83.2	Lg	11:00:15.012	-0.6					T__						6949496	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOGS	0.87	242.1	Pg	11:00:05.153	0.4					T__		129.1			ML	2.1	6949498	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.87	242.1	Lg	11:00:16.120	0.0					T__						6949497	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOVH	0.93	146.3	Pg	11:00:06.704	0.5					T__		72.8			ML	1.9	6949500	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_

KOVH	0.93	146.3	Lg	11:00:19.276	0.3	T__	---	6949499	FDSN	HU	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
MORH	1.09	125.7	Sn	11:00:24.760	-0.5	T__	---	6949503	FDSN	HU	--	BUD	iLoc	HHN	???	_			
A011B	1.10	300.3	Lg	11:00:24.040	1.0	T__	---	6949501	FDSN	Z3	00	BUD	iLoc	HH2	???	_			
RONA	1.11	319.5	Lg	11:00:24.593	0.3	T__	---	6949502	FDSN	OE	--	BUD	iLoc	HHN	???	_			
ARSA	1.32	287.9	Lg	11:00:30.243	0.8	T__	---	6949504	FDSN	OE	--	BUD	iLoc	HHN	???	_			
PTJ	1.36	225.9	Pn	11:00:13.406	0.1	T__	---	99.0	ML	2.3	6949506	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	1.36	225.9	Sn	11:00:31.129	-1.2	T__	---	6949505	FDSN	CR	--	BUD	iLoc	BHN	???	_			
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
CONA	1.48	316.9	Sn	11:00:35.338	0.4	T__	---	6949507	FDSN	OE	--	BUD	iLoc	HHN	???	_			
CRES	1.68	232.6	Sn	11:00:40.323	0.7	T__	---	6949508	FDSN	SL	--	BUD	iLoc	BHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	11:03:51.68	0.92	0.57	48.4921	19.3926	5.8	3.4	10	0.0f		14	8	121	0.37	1.25	sx	BUD	17003508	BUD			240

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	6 BUD	17003508

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.37	270.5	Pg	11:03:59.715	0.4					T__		25.4		---	ML	0.7	6949550	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.37	270.5	Lg	11:04:04.091	-0.9					T__				---		6949549	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=0)																									
PSZ	0.67	149.5	Pg	11:04:06.453	0.6					T__		85.5		---	ML	1.8	6949547	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.67	149.5	Lg	11:04:15.717	-0.4					T__				---		6949551	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	0.69	152.2	Pg	11:04:06.809	0.5					T__		74.9		---	ML	1.8	6949553	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.69	152.2	Lg	11:04:16.557	-0.0					T__				---		6949552	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.73	90.3	Pg	11:04:06.308	0.1					T__		161.2		---	ML	2.1	6949545	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.73	90.3	Lg	11:04:17.219	0.1					T__				---		6949554	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
JOS	0.76	89.3	Pg	11:04:06.849	0.0					T__		65.9		---	ML	1.7	6949543	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.76	89.3	Lg	11:04:18.078	-0.2					T__				---		6949544	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.84	115.7	Pg	11:04:08.962	-0.1					T__		54.5		---	ML	1.7	6949546	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.84	115.7	Lg	11:04:20.814	-1.3					T__				---		6949555	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	1.10	32.5	Lg	11:04:28.800	0.2					T__				---		6949556	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	1.25	98.4	Sn	11:04:33.524	-0.3					T__				---		6949548	FDSN	HU	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/10	12:22:17.51	1.04	1.09	47.5537	18.4759	7.0	3.5	106	0.0f		8	5	166	0.11	0.97	kx	BUD	17003510	BUD			272

2021/11/10 12:22:17.66 0.93 0.90 47.5600 18.4573f 0.0f 8 5 161 0.09 0.97 kx BUD\_GT 17003511 BUD\_GT 274  
 (locality : Tatabánya Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.2 3 BUD\_GT 17003511

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
HU09A	0.09	327.2	Pg	12:22:21.025	0.9					T__		1102.7			ML 1.6	6949586	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	12:22:22.064	-0.4					T__						6949592	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
CSKK	0.24	214.2	Pg	12:22:23.448	0.5					T__		176.9			ML 1.2	6949587	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	12:22:26.397	-1.2					T__						6949593	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
SRO	0.27	339.1	Lg	12:22:27.469	-1.1					T__						6949588	FDSN	SK	--	BUD	iLoc	EHN	???	_
HU10A	0.47	52.8	Lg	12:22:34.646	-1.0					T__						6949589	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
VYHS	0.97	15.1	Pn	12:22:37.769	0.1					T__		26.9			ML 1.5	6949591	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	12:22:50.674	-0.9					T__						6949590	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/10 12:39:51.03 0.94 0.55 48.3883 17.3133 6.9 3.0 134 0.0f 9 6 132 0.03 1.02 sx BUD 17003512 BUD 189

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MODS	0.03	238.5	Pg	12:39:52.106	-0.1					T__						6949616	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.03	238.5	Lg	12:39:54.239	0.6					T__						6949622	FDSN	SK	--	BUD	iLoc	HHE	???	_
ZST	0.24	216.3	Pg	12:39:56.636	0.3					T__						6949623	FDSN	SK	--	BUD	iLoc	HHZ	???	_
ZST	0.24	216.3	Lg	12:40:00.125	-0.4					T__						6949624	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.53	26.6	Pg	12:40:02.526	0.4					T__		146.0			ML 1.9	6949618	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.53	26.6	Lg	12:40:09.782	-0.8					T__						6949617	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=0)																								
KRUC	0.91	318.3	Lg	12:40:21.753	-0.1					T__						6949619	FDSN	CZ	--	BUD	iLoc	HHE	???	_
RONA	0.97	225.1	Lg	12:40:22.665	-0.3					T__						6949620	FDSN	OE	--	BUD	iLoc	HHN	???	_
VYHS	1.02	83.5	Lg	12:40:25.939	-0.4					T__						6949621	FDSN	SK	--	BUD	iLoc	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/11 07:51:45.96 1.44 1.39 47.3933 18.3731 11.8 4.4 124 0.0f 10 8 107 0.08 1.19 sx BUD 17003518 BUD 166

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
MSW1	0.08	269.7	Lg	07:51:50.131	-0.3					T__						6949833	FDSN	HU	--	BUD	iLoc	HHN	???	_
CSKK	0.08	248.5	Pg	07:51:48.853	0.6					T__		1117.1			_c_ ML 1.6	6949826	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.08	248.5	Lg	07:51:49.663	-0.9					T__						6949827	FDSN	HU	--	BUD	iLoc	HHN	???	_

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MSW2 0.14 230.5 Pg 07:51:50.090 0.7 T__ 166.7 ___ ML 0.9 6949835 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.14 230.5 Lg 07:51:51.577 -1.1 T__ ___ 6949834 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
HU09A 0.25 1.5 Lg 07:51:55.930 -0.2 T__ ___ 6949828 FDSN ZJ 00 BUD iLoc HHN ??? _
ET1H 1.12 63.8 Sn 07:52:23.755 -1.4 T__ ___ 6949829 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.14 15.6 Lg 07:52:24.966 -0.9 T__ ___ 6949832 FDSN SK -- BUD iLoc HHN ??? _
PSZ 1.15 62.4 Sn 07:52:24.269 -2.2 T__ ___ 6949830 FDSN GE -- BUD iLoc HHN ??? _
MORH 1.19 170.9 Sn 07:52:24.803 -1.7 T__ ___ 6949831 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/11 08:10:40.70 1.76 1.42 47.7737 19.8537 11.2 4.4 168 0.0f 15 10 217 0.11 1.67 kx BUD 17003520 BUD 247
2021/11/11 08:10:41.19 0.81 1.63 47.8362 19.9346f 0.0f 15 10 209 0.06 1.60 kx BUD_GT 17003521 BUD_GT 225
(locality : Gyöngyössolymos Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.9 0.0 5 BUD_GT 17003521

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.06 315.2 Pg 08:10:44.710 1.7 T__ 3159.0 _c ML 2.0 6949903 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.06 315.2 Lg 08:10:45.344 0.6 T__ ___ 6949904 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
PSZ 0.09 341.8 Pg 08:10:45.293 1.6 T__ 2287.8 ___ ML 1.9 6949893 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.09 341.8 Lg 08:10:46.166 0.1 T__ ___ 6949905 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU03A 0.24 286.8 Lg 08:10:48.978 -1.5 T__ ___ 6949900 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.49 54.0 Pn 08:10:53.099 -2.3 T__ 57.7 ___ ML 1.4 6949906 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.49 54.0 Lg 08:11:00.204 0.5 T__ ___ 6949894 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU10A 0.62 271.2 Lg 08:11:00.776 -3.3 T__ ___ 6949895 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.75 29.5 Sn 08:11:09.144 -1.9 T__ ___ 6949901 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.77 31.3 Pn 08:10:59.446 1.3 T__ 88.7 ___ ML 1.9 6949907 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.77 31.3 Lg 08:11:09.554 1.1 T__ ___ 6949902 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 0.99 312.2 Pn 08:11:01.338 -0.0 T__ 23.1 ___ ML 1.4 6949897 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.99 312.2 Lg 08:11:13.744 -1.8 T__ ___ 6949896 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
ABAH 0.99 61.8 Sn 08:11:16.863 -0.1 T__ ___ 6949898 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.60 8.6 Lg 08:11:36.124 1.5 T__ ___ 6949899 FDSN PL -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/11 08:42:22.55 0.98 1.44 46.4639 22.4392 6.8 4.2 130 0.0f 11 6 139 0.38 1.38 sx BUD 17003524 BUD 181

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Magnitude Err Nsta Author OrigID  
 ML 1.9 0.2 5 BUD 17003524

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.38	29.7	Pg	08:42:31.018	0.6					T__		79.7		---	ML	1.3 6949968	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.38	29.7	Lg	08:42:35.740	-1.1					T__				---		6949969	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=0)																								
SIRR	0.57	250.3	Pg	08:42:35.000	0.6					T__		46.9		---	ML	1.5 6949972	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.57	250.3	Lg	08:42:41.535	-1.8					T__				---		6949971	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
CJR	0.84	72.2	Lg	08:42:50.702	-1.3					T__				---		6949970	FDSN	RO	--	BUD	iLoc	HHN	???	_
BZS	1.02	214.4	Pg	08:42:42.758	0.3					T__		64.7		---	ML	1.9 6949974	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	1.02	214.4	Lg	08:42:56.327	-0.4					T__				---		6949973	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
GZR	1.10	167.5	Pg	08:42:44.577	1.2					T__		78.7		---	ML	2.0 6949975	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.10	167.5	Lg	08:42:57.980	-0.7					T__				---		6949976	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
LOT	1.38	137.1	Pg	08:42:48.906	0.1					T__		63.6		---	ML	2.1 6949977	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.38	137.1	Lg	08:43:05.909	-2.7					T__				---		6949978	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=0)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/11 09:33:25.52 2.58 0.86 48.8887 21.1505 16.9 8.1 74 0.0f 8 6 220 0.56 1.32 sx BUD 17003526 BUD 306

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.56	226.1	Pg	09:33:36.730	-0.0					T__		64.6		---	ML	1.6 6950067	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.56	226.1	Lg	09:33:45.120	-0.2					T__				---		6950066	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
ABAH	0.60	174.3	Lg	09:33:47.157	-0.2					T__				---		6950070	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	0.60	227.6	Pg	09:33:38.324	0.8					T__		171.6		---	ML	2.1 6950068	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.60	227.6	Lg	09:33:46.174	-0.3					T__				---		6950069	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
NIE	0.77	313.8	Lg	09:33:50.470	-0.6					T__				---		6950071	FDSN	PL	--	BUD	iLoc	BHN	???	_
HU02A	0.87	208.7	Lg	09:33:55.373	-1.5					T__				---		6950072	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ET1H	1.32	220.6	Sn	09:34:10.223	0.6					T__				---		6950073	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/11 10:07:52.11 1.15 1.07 48.5340 20.8226 6.1 5.3 115 0.0f 11 8 151 0.19 1.32 sx BUD 17003528 BUD 226

Magnitude Err Nsta Author OrigID

ML 1.6 0.3 3 BUD 17003528

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	258.6	Pg	10:07:56.855	0.7					T__		206.5		___	ML	1.1	6950164	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	258.6	Lg	10:07:59.098	-0.2					T__				---		6950165	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.23	257.4	Pg	10:07:57.464	0.6					T__		684.1		___	ML	1.8	6950167	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	257.4	Lg	10:08:00.316	-0.3					T__				---		6950166	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.37	130.4	Lg	10:08:05.855	-0.3					T__				---		6950168	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.46	205.8	Lg	10:08:08.846	-0.4					T__				---		6950169	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.87	225.6	Lg	10:08:22.332	-1.4					T__				---		6950170	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.91	224.5	Lg	10:08:23.495	-1.1					T__				---		6950173	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.95	338.9	Pg	10:08:10.424	0.4					T__		36.4		---	ML	1.6	6950172	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.95	338.9	Lg	10:08:22.304	-1.2					T__				---		6950171	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	1.32	269.0	Sn	10:08:34.849	-1.8					T__				---		6950174	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/11	10:49:09.84	1.22	1.01	47.3454	18.3929	6.8	4.5	90	0.0f		16	11	109	0.09	1.27	sx	BUD	17003530	BUD			127

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	5 BUD	17003530

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	281.2	Pg	10:49:12.646	0.3					T__		2278.8		_c_	ML	1.9	6950259	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	281.2	Lg	10:49:14.335	-0.5					T__				---		6950265	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
MSW1	0.10	297.6	Pg	10:49:13.027	0.5					T__		1145.5		___	ML	1.6	6950270	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.10	297.6	Lg	10:49:14.527	-0.6					T__				---		6950271	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MSW2	0.13	250.9	Pg	10:49:13.919	0.8					T__		285.0		___	ML	1.1	6950273	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.13	250.9	Lg	10:49:15.338	-0.8					T__				---		6950272	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
MSW3	0.19	281.8	Lg	10:49:17.202	-0.7					T__				---		6950274	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.29	358.6	Lg	10:49:21.147	-0.5					T__				---		6950260	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.33	285.3	Lg	10:49:21.830	-1.0					T__				---		6950261	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.13	61.4	Sn	10:49:48.274	-1.0					T__				---		6950267	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.14	171.2	Pn	10:49:32.865	1.1					T__		45.9		---	ML	1.8	6950262	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.14	171.2	Lg	10:49:47.652	-1.5					T__				---		6950266	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	1.17	60.0	Sn	10:49:49.297	-1.3					T__				---		6950268	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	1.19	14.4	Pn	10:49:33.886	1.1					T__		19.8		---	ML	1.5	6950264	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.19	14.4	Sn	10:49:50.003	-1.1					T__				---		6950263	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									

(Station ML: 1.5 magdef=1  
 KOVH 1.27 189.2 Sn 10:49:51.462 -0.9 T\_\_ --- 6950269 FDSN HU -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/11	10:56:21.62	0.91	1.42	48.2174	21.2241	5.3	3.9	176	0.0f	22	14	78	0.08	1.97	kx	BUD	17003532	BUD				98
2021/11/11	10:56:21.49	0.86	1.20	48.2470	21.2460f				0.0f	22	14	76	0.05	2.00	kx	BUD_GT	17003533	BUD_GT				102

(locality : Tallya Hungary)  
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.0	7 BUD_GT	17003533

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.05	355.1	Pg	10:56:23.686	0.6					T__		11227.5		_c_	ML	2.5	6950321	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:56:24.344	-0.3					T__				---		6950324	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=0)																									
HU02A	0.50	255.8	Pg	10:56:32.088	0.0					T__		98.6		---	ML	1.7	6950326	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	10:56:38.789	-1.4					T__				---		6950325	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=0)																									
HU07A	0.52	120.5	Lg	10:56:39.667	-1.7					T__				---		6950327	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.53	298.1	Lg	10:56:40.322	-0.1					T__				---		6950328	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
KECS	0.56	295.3	Pg	10:56:33.427	0.7					T__		188.6		---	ML	2.1	6950322	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	10:56:40.984	-0.3					T__				---		6950329	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																									
TRPA	0.87	97.2	Pn	10:56:39.618	-0.2					T__		131.7		---	ML	2.1	6950331	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	10:56:51.332	-1.6					T__				---		6950330	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																									
PSZ	0.96	250.6	Pn	10:56:41.543	0.2					T__		108.5		---	ML	2.1	6950333	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	10:56:54.337	-1.9					T__				---		6950332	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																									
KOLS	0.97	44.4	Pn	10:56:42.293	0.9					T__				---		6950336	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.97	44.4	Lg	10:56:54.699	-1.1					T__				---		6950335	FDSN	SK	--	BUD	iLoc	HHN	???	_	
LTVH	0.97	152.7	Lg	10:56:54.283	-1.8					T__				---		6950334	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	0.99	248.7	Pg	10:56:42.409	0.2					T__		73.2		---	ML	1.9	6950323	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	10:56:55.259	-1.5					T__				---		6950337	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
NIE	1.33	332.3	Pg	10:56:48.409	1.8					T__		46.7		---	ML	1.9	6950339	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.33	332.3	Lg	10:57:05.302	-0.8					T__				---		6950338	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
VYHS	1.63	279.6	Sn	10:57:14.030	0.7					T__				---		6950340	FDSN	SK	--	BUD	iLoc	HHN	???	_	
DRGR	1.76	145.2	Sn	10:57:16.140	-0.4					T__				---		6950341	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	2.00	171.8	Sn	10:57:23.909	2.4					T__				---		6950342	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/11	11:06:11.85	1.03	1.11	48.3233	19.8479	5.4	4.2	135	0.0f	12	10	83	0.41	1.54	sx	BUD	17003534	BUD				137

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
PSZ	0.41	175.6	Lg	11:06:28.689	1.2					T__						6950380	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.44	178.0	Lg	11:06:27.707	-0.7					T__						6950381	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU03A	0.45	201.7	Lg	11:06:27.818	-0.6					T__						6950382	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.45	69.1	Pg	11:06:21.710	0.6					T__	238.5			---	ML	1.9	6950378	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	69.1	Lg	11:06:28.356	0.3					T__						6950377	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.49	69.2	Pg	11:06:22.375	0.6					T__	148.2			_c_	ML	1.8	6950379	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	69.2	Lg	11:06:28.815	-0.5					T__						6950383	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.50	113.7	Lg	11:06:28.815	-1.6					T__						6950384	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
VYHS	0.70	284.6	Lg	11:06:35.461	-0.8					T__						6950385	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.93	91.2	Lg	11:06:42.883	-1.9					T__						6950386	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	1.14	15.1	Lg	11:06:49.529	-0.4					T__						6950387	FDSN	PL	--	BUD	iLoc	BHN	???	_	
JAVC	1.54	291.2	Sn	11:07:01.603	-1.0					T__						6950388	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/12	07:05:31.73	1.11	0.82	47.8339	19.1140	11.7	4.1	3	0.0f	10	7	195	0.07	1.16	kx	BUD	17003544	BUD				259
2021/11/12	07:05:31.62	0.93	0.55	47.8355	19.1270f				0.0f	10	7	192	0.07	1.15	kx	BUD_GT	17003545	BUD_GT				258

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	3 BUD_GT	17003545

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.07	277.6	Pg	07:05:33.878	0.3					T__	1079.6			---	ML	1.5	6950723	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	07:05:34.598	-0.9					T__						6950731	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU03A	0.33	77.7	Lg	07:05:44.772	0.7					T__						6950724	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.50	84.8	Lg	07:05:50.289	-0.0					T__						6950725	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.6	Lg	07:05:51.062	-0.4					T__						6950726	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.6	Lg	07:05:55.794	-0.1					T__						6950722	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.5	Pg	07:05:52.021	0.1					T__	64.9			---	ML	1.9	6950728	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	07:06:06.421	-1.0					T__						6950727	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	1.15	54.5	Pg	07:05:54.604	0.1					T__	60.0			---	ML	1.9	6950729	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	07:06:11.164	-0.4					T__						6950730	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/12	08:36:15.44	0.95	0.57	48.8272	16.1521	10.8	3.9	119	0.0f		13	9	131	0.28	1.63	sx	BUD	17003548	BUD			149

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 BUD	17003548

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.28	34.2	Pg	08:36:21.169	0.1					T__		114.4		___	ML	1.1	6950797	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.28	34.2	Lg	08:36:25.102	-0.3					T__				---		6950798	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
VRAC	0.56	30.9	Lg	08:36:34.175	-0.3					T__				---		6950799	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	0.92	192.3	Pg	08:36:33.291	-0.3					T__		86.9		___	ML	2.0	6950793	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.92	192.3	Lg	08:36:45.670	0.0					T__				---		6950794	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
RONA	1.13	175.1	Lg	08:36:52.157	-0.4					T__				---		6950795	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CKRC	1.22	270.3	Lg	08:36:54.542	-0.5					T__				---		6950800	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
AO18A	1.30	213.9	Pg	08:36:40.275	-0.4					T__		53.6		___	ML	2.0	6950801	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
AO18A	1.30	213.9	Lg	08:36:58.109	1.2					T__				---		6950796	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORC	1.32	43.2	Pg	08:36:40.270	0.4					T__		89.6		___	ML	2.2	6950802	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.32	43.2	Lg	08:36:57.883	-0.3					T__				---		6950803	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
PRU	1.57	318.5	Sn	08:37:05.577	0.6					T__				---		6950804	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ARSA	1.63	195.2	Sn	08:37:07.382	0.7					T__				---		6950805	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/12	09:10:06.69	1.22	1.08	47.3908	18.3856	10.6	4.0	138	0.0f		17	11	107	0.09	1.45	sx	BUD	17003550	BUD			185

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	17003550

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.09	252.0	Pg	09:10:09.490	0.4					T__		5154.7		_c_	ML	2.3	6950852	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.09	252.0	Lg	09:10:11.123	-0.4					T__				---		6950854	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
HU09A	0.25	359.5	Lg	09:10:16.652	-0.2					T__				---		6950855	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	277.5	Pg	09:10:14.220	0.7					T__		364.2		___	ML	1.7	6950857	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.32	277.5	Lg	09:10:18.208	-1.0					T__				---		6950856	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MPLH	0.62	249.3	Pg	09:10:19.757	0.4					T__		95.0		___	ML	1.8	6950859	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.62	249.3	Lg	09:10:27.787	-1.0					T__				---		6950858	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU10A	0.62	43.1	Lg	09:10:29.328	-0.7					T__				---		6950860	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.12	63.5	Pn	09:10:29.577	1.1					T__		55.9		___	ML	1.9	6950862	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.12	63.5	Sn	09:10:44.586	-1.2					T__				---		6950861	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 1.14 15.2 Pn 09:10:30.403 1.3 T__ 33.1 ___ ML 1.7 6950853 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.14 15.2 Lg 09:10:45.551 -1.0 T__ ___ 6950866 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=0
PSZ 1.15 62.1 Pn 09:10:29.544 0.4 T__ 78.5 ___ ML 2.0 6950863 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.15 62.1 Sn 09:10:45.218 -1.8 T__ ___ 6950864 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORH 1.19 171.3 Sn 09:10:45.403 -1.8 T__ ___ 6950865 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.23 323.2 Sn 09:10:48.192 -0.9 T__ ___ 6950867 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.45 283.1 Sn 09:10:54.018 0.3 T__ ___ 6950868 FDSN OE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/12 09:21:39.29 1.15 1.22 48.5307 20.8327 6.0 5.2 106 0.0f 12 8 152 0.20 1.33 sx BUD 17003552 BUD 228

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 4 BUD 17003552

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.20 260.0 Pg 09:21:44.402 0.9 T__ 289.1 ___ ML 1.3 6950948 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 260.0 Lg 09:21:46.811 0.1 T__ ___ 6950951 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.24 258.5 Pg 09:21:44.987 0.8 T__ 867.9 ___ ML 1.9 6950949 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 258.5 Lg 09:21:47.811 -0.2 T__ ___ 6950950 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.36 130.7 Lg 09:21:53.340 0.3 T__ ___ 6950952 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.46 206.8 Lg 09:21:55.980 -0.5 T__ ___ 6950953 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.88 226.0 Pg 09:21:57.184 -0.6 T__ 73.0 ___ ML 1.9 6950955 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.88 226.0 Lg 09:22:09.147 -1.8 T__ ___ 6950954 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.92 225.0 Lg 09:22:10.638 -1.2 T__ ___ 6950958 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.96 338.6 Pg 09:21:57.492 0.2 T__ 30.6 ___ ML 1.5 6950956 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.96 338.6 Lg 09:22:09.510 -1.4 T__ ___ 6950957 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
VYHS 1.33 269.2 Sn 09:22:21.877 -2.1 T__ ___ 6950959 FDSN SK -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/12 09:30:00.03 0.88 0.82 48.5149 17.5075 5.1 3.1 133 0.0f 12 8 129 0.21 1.25 sx BUD 17003554 BUD 203

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Magnitude Err Nsta Author OrigID
ML 1.6 0.2 3 BUD 17003554

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.21 227.4 Pg 09:30:04.393 -0.4 T__ ___ 6950989 FDSN SK -- BUD iLoc HHZ ??? _

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MODS	0.21	227.4	Lg	09:30:08.187	-0.5	T__								6950990	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JAVC	0.36	17.4	Pg	09:30:07.453	-0.4	T__	204.7							1.6	6950991	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.36	17.4	Lg	09:30:13.269	-0.6	T__									6950993	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																							
(Station ML: 1.6 magdef=1)																							
ZST	0.42	220.4	Lg	09:30:15.034	-0.5	T__									6950994	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	0.88	90.9	Pg	09:30:18.492	0.6	T__	31.8								6950996	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.88	90.9	Lg	09:30:30.123	-0.6	T__									6950995	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																							
(Station ML: 1.5 magdef=1)																							
KRUC	0.92	307.1	Lg	09:30:31.276	0.2	T__									6950992	FDSN	CZ	--	BUD	iLoc	HHN	???	_
VRAC	1.00	323.1	Lg	09:30:34.498	0.9	T__									6950997	FDSN	CZ	--	BUD	iLoc	HHN	???	_
RONA	1.15	225.3	Lg	09:30:38.584	0.8	T__									6950998	FDSN	OE	--	BUD	iLoc	HHN	???	_
CONA	1.25	242.5	Pn	09:30:25.734	1.3	T__	67.8								6951000	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.25	242.5	Lg	09:30:41.574	0.9	T__									6950999	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																							
(Station ML: 2.0 magdef=1)																							

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/12	09:34:22.82	1.06	1.00	48.9755	16.4873	8.3	4.2	100	0.0f		13	8	145	0.11	1.55	sx	BUD	17003556	BUD			173

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.0	5 BUD	17003556

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KRUC	0.11	325.0	Pg	09:34:25.569	0.6					T__		653.7			_c_ ML	1.4	6951035	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.11	325.0	Lg	09:34:26.510	-0.2					T__						6951034	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
VRAC	0.34	11.8	Lg	09:34:33.559	-0.9					T__						6951036	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
MORC	1.06	40.3	Lg	09:34:57.058	-0.2					T__						6951037	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CONA	1.13	201.9	Pg	09:34:45.341	0.3					T__	95.3				_c_ ML	2.1	6951031	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.13	201.9	Lg	09:34:59.658	0.0					T__						6951038	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
AO13A	1.16	218.6	Lg	09:35:01.347	1.1					T__						6951032	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
RONA	1.28	185.8	Pn	09:34:47.854	0.3					T__	73.7				_c_ ML	2.1	6951039	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.28	185.8	Lg	09:35:03.673	-1.1					T__						6951033	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
CKRC	1.45	264.6	Pn	09:34:49.392	-0.5					T__	245.8				_c_ ML	2.7	6951041	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.45	264.6	Lg	09:35:07.336	-2.4					T__						6951040	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=0)																									
AO18A	1.55	217.9	Pg	09:34:52.857	-0.0					T__	106.8				_c_ ML	2.4	6951043	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
AO18A	1.55	217.9	Sn	09:35:12.076	-0.0					T__						6951042	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2021/11/12 10:31:50.96 1.63 0.77 47.5026 16.2707 11.9 6.0 139 0.0f 7 6 196 0.20 1.56 sx BUD 17003558 BUD 280

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.20	5.0	Pg	10:31:55.242	-0.0					T__		208.6		_c_	ML	1.2	6951152	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.20	5.0	Lg	10:31:58.177	-0.2					T__						6951157	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
SOP	0.27	47.0	Lg	10:32:00.711	0.1					T__						6951158	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	0.51	327.2	Lg	10:32:08.090	0.1					T__						6951155	FDSN	OE	--	BUD	iLoc	HHN	???	_	
ARSA	0.57	243.9	Lg	10:32:09.101	-0.0					T__						6951154	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	1.10	37.5	Sn	10:32:28.490	-1.0					T__						6951156	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.56	3.0	Sn	10:32:41.459	1.2					T__						6951153	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/12 11:00:38.01 0.92 0.59 48.1944 16.9673 8.1 3.2 148 0.0f 10 7 143 0.09 1.36 sx BUD 17003560 BUD 173

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ZST	0.09	88.9	Pg	11:00:40.891	0.4					T__						6951180	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	0.09	88.9	Lg	11:00:42.082	-0.6					T__						6951179	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	0.27	49.0	Pg	11:00:44.419	0.3					T__						6951178	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.27	49.0	Lg	11:00:48.414	-0.6					T__						6951182	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.67	222.6	Pg	11:00:51.220	-0.2					T__		57.4			ML	1.6	6951187	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.67	222.6	Lg	11:00:59.680	-0.7					T__						6951183	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
CONA	0.79	250.7	Lg	11:01:04.250	0.3					T__						6951181	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.81	34.8	Lg	11:01:06.638	-0.7					T__						6951184	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
A018A	1.35	251.1	Lg	11:01:21.609	0.6					T__						6951186	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	1.36	226.4	Lg	11:01:21.356	0.1					T__						6951185	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/12 11:05:46.24 1.38 0.84 47.8916 20.1652 12.3 3.3 159 0.0f 12 7 206 0.18 1.07 kx BUD 17003562 BUD 220  
 2021/11/12 11:05:45.95 0.91 0.93 47.8650 20.1529f 0.0f 12 7 215 0.18 1.08 kx BUD\_GT 17003563 BUD\_GT 230

(locality : Kiszána Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.5 0.1 5 BUD\_GT 17003563

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	11:05:51.277	0.9					T__		540.7			ML	1.5	6951213	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	11:05:53.485	-0.6					T__						6951221	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ET1H	0.19	274.4	Pg	11:05:51.403	1.0					T__		442.0			ML	1.5	6951214	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	11:05:53.792	-0.1					T__						6951222	FDSN	HU	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.36 44.0 Pg 11:05:53.761 -0.0 T__ 114.3 ___ ML 1.4 6951215 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.36 44.0 Lg 11:05:58.483 -1.5 T__ ___ 6951217 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
KECS 0.66 19.7 Lg 11:06:08.699 -0.5 T__ ___ 6951223 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.68 22.1 Pg 11:06:00.100 0.5 T__ ___ ML 1.8 6951216 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 22.1 Lg 11:06:09.267 -0.8 T__ ___ 6951218 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.85 59.0 Pg 11:06:03.403 0.6 T__ 77.5 ___ ML 1.9 6951220 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.85 59.0 Lg 11:06:14.757 -1.8 T__ ___ 6951219 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
VYHS 1.08 306.0 Lg 11:06:22.819 -0.8 T__ ___ 6951224 FDSN SK -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/12	11:11:56.22	1.05	1.29	47.8646	20.1431	7.9	3.1	162	0.0f	19	12	97	0.18	2.26	kx	BUD	17003564	BUD				153
2021/11/12	11:11:56.12	0.86	1.19	47.8650	20.1529f				0.0f	19	12	97	0.18	2.27	kx	BUD_GT	17003565	BUD_GT				153

(locality : Kisdána Hungary)  
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.9 0.3 7 BUD_GT 17003565

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	287.2	Pg	11:12:00.870	0.3					T__		2405.2		_c	ML	2.2 6951300	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	0.18	287.2	Lg	11:12:03.238	-1.0					T__				---		6951314	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0																									
ET1H	0.19	274.4	Pg	11:12:01.064	0.5					T__	1647.8			---	ML	2.0 6951301	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.19	274.4	Lg	11:12:03.508	-0.6					T__				---		6951315	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
HU02A	0.36	44.0	Pg	11:12:04.512	0.6					T__	240.7			---	ML	1.7 6951305	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.36	44.0	Lg	11:12:09.718	-0.4					T__				---		6951304	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
HU03A	0.37	276.2	Pg	11:12:05.027	0.8					T__	228.0			---	ML	1.7 6951306	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU03A	0.37	276.2	Lg	11:12:09.714	-0.5					T__				---		6951302	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
KECS	0.66	19.7	Lg	11:12:19.530	0.1					T__				---		6951307	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	22.1	Pg	11:12:10.816	1.0					T__	96.5			---	ML	1.9 6951303	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.68	22.1	Lg	11:12:20.242	0.0					T__				---		6951308	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
HU05A	0.73	114.9	Lg	11:12:21.868	-1.5					T__				---		6951309	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ABAH	0.85	59.0	Pn	11:12:13.688	-0.3					T__	119.5			---	ML	2.0 6951311	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ABAH	0.85	59.0	Lg	11:12:25.762	-1.0					T__				---		6951310	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1																									

```

(Station ML: 2.0 magdef=1
VYHS 1.08 306.0 Pg 11:12:18.453 0.4 T__ 26.2 ___ ML 1.5 6951312 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.08 306.0 Lg 11:12:31.579 -2.2 T__ ___ 6951313 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
MORH 1.95 212.6 Sn 11:12:57.658 3.2 T__ ___ 6951317 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.99 285.9 Sn 11:12:58.579 1.5 T__ ___ 6951316 FDSN SK -- BUD iLoc HHN ??? _
KOVH 2.27 219.1 Lg 11:13:11.733 -0.9 T__ ___ 6951318 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/12 12:25:25.62 4.26 0.78 46.8966 22.3422 42.2 6.5 165 0.0f 7 4 255 0.27 1.53 sx BUD 17003566 BUD 311

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Magnitude Err Nsta Author OrigID
ML 1.6 0.3 3 BUD 17003566

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.27 112.4 Pg 12:25:31.353 -0.0 T__ 190.5 _c_ ML 1.3 6951350 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.27 112.4 Lg 12:25:36.144 0.0 T__ ___ 6951351 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SIRR 0.79 217.0 Pg 12:25:41.593 0.0 T__ 42.4 ___ ML 1.6 6951354 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.79 217.0 Lg 12:25:53.113 -0.4 T__ ___ 6951353 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
BZS 1.38 201.7 Pn 12:25:51.537 0.4 T__ 42.3 ___ ML 1.9 6951352 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.38 201.7 Sn 12:26:11.143 0.4 T__ ___ 6951355 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 1.53 168.5 Sn 12:26:16.446 1.4 T__ ___ 6951356 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/13 00:21:08.90 1.24 0.54 45.9459 17.3271 9.2 4.1 18 5.8 13.9 15 9 170 0.22 1.31 ke BUD 17003570 BUD 190

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```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 6 BUD 17003570

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A264A 0.22 353.1 Pg 00:21:13.384 -0.2 T__ 335.7 ___ ML 1.4 6951491 FDSN Z3 00 BUD iLoc HHZ HHZ _
A264A 0.22 353.1 Lg 00:21:16.901 0.1 T__ ___ 6951498 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
A273A 0.34 94.8 Lg 00:21:20.606 -0.1 T__ ___ 6951499 FDSN Z3 00 BUD iLoc HHN ??? _
KOVH 0.56 74.9 Pg 00:21:20.460 0.2 T__ 52.8 ___ ML 1.5 6951494 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.56 74.9 Lg 00:21:27.521 -0.4 T__ ___ 6951500 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A265A 0.58 34.0 Pg 00:21:20.456 -0.1 T__ 129.8 ___ ML 1.9 6951492 FDSN Z3 00 BUD iLoc HHZ HHZ _
A265A 0.58 34.0 Lg 00:21:29.207 0.6 T__ ___ 6951501 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

BEHE	0.65	324.1	Pg	00:21:22.086	0.1	T__	118.6	___	ML	1.9	6951495	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.65	324.1	Lg	00:21:30.976	0.4	T__		---			6951502	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
KOGS	0.90	304.3	Pn	00:21:27.449	0.4	T__	66.6	___	ML	1.8	6951493	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.90	304.3	Sn	00:21:39.384	-0.8	T__		---			6951503	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
PTJ	0.95	268.1	Lg	00:21:40.883	-0.0	T__		---			6951496	FDSN	CR	--	BUD	iLoc	BHN	???	_
MORH	0.95	73.2	Pg	00:21:27.563	-0.1	T__	33.8	---	ML	1.6	6951490	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.95	73.2	Sn	00:21:40.356	-1.2	T__		---			6951504	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
CRES	1.31	265.4	Lg	00:21:52.690	-0.4	T__		---			6951497	FDSN	SL	--	BUD	iLoc	BHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/13	13:20:04.09	1.47	0.66	48.4885	20.7999	10.5	5.8	22	0.0f		9	6	210	0.17	0.87	sx	BUD	17003572	BUD			294

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.5	3 BUD	17003572

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	272.5	Pg	13:20:08.278	0.5					T__		123.6		___	ML	0.9	6951565	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	272.5	Lg	13:20:10.206	-0.5					T__				---		6951566	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.21	268.7	Pg	13:20:08.638	0.1					T__		293.1		___	ML	1.3	6951568	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	268.7	Lg	13:20:11.463	-0.5					T__				---		6951567	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
ABAH	0.35	123.1	Lg	13:20:17.049	-0.6					T__				---		6951569	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.41	206.7	Lg	13:20:20.332	0.7					T__				---		6951570	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.83	227.1	Lg	13:20:33.387	-0.9					T__				---		6951571	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.87	225.9	Pn	13:20:22.100	-0.3					T__		46.7		---	ML	1.7	6951573	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	225.9	Lg	13:20:34.672	-0.5					T__				---		6951572	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/11/14	21:07:55.01	1.03	0.53	47.7350	18.3527	6.8	3.8	85	10.0f		9	6	186	0.08	0.79	ke	BUD	17003576	BUD					282

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	3 BUD	17003576

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SR0	0.08	341.3	Pg	21:07:57.886	0.3					T__		2648.7		___	ML	2.0	6951646	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.08	341.3	Lg	21:07:59.402	-0.5					T__				---		6951647	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU09A	0.10	168.2	Pg	21:07:58.315	0.4					T__		525.0		_c_	ML	1.3	6951645	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_



KOVH	1.24	186.7	Sn	06:24:07.091	-0.3	T__	---	6951898	FDSN	HU	--	BUD	iLoc	HHN	???	_
MODS	1.27	327.1	Sn	06:24:07.055	-1.8	T__	---	6951900	FDSN	SK	--	BUD	iLoc	HHN	???	_
RONA	1.42	286.4	Sn	06:24:11.999	0.0	T__	---	6951899	FDSN	OE	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/15	09:06:08.14	1.19	1.15	48.0131	20.3808	11.5	3.4	144	0.0f		9	6	185	0.15	0.64	kx	BUD	17003580	BUD			207
2021/11/15	09:06:07.72	0.94	1.40	47.9767	20.3679f				0.0f		9	6	192	0.18	0.67	kx	BUD_GT	17003581	BUD_GT			218

(locality : Eger-III. Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	3 BUD_GT	17003581

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.18	35.8	Pg	09:06:12.468	0.5					T__		277.8		_c	ML	1.2	6951947	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	09:06:14.093	-1.4					T__				---		6951950	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
PSZ	0.32	259.8	Pg	09:06:16.316	1.3					T__		79.0		---	ML	1.1	6951951	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	259.8	Lg	09:06:20.851	0.2					T__				---		6951949	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
ET1H	0.35	253.9	Lg	09:06:21.451	0.4					T__				---		6951952	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.51	8.8	Lg	09:06:24.514	-1.5					T__				---		6951953	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.53	12.4	Pg	09:06:18.914	0.5					T__		49.1		---	ML	1.5	6951948	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	09:06:24.789	-1.9					T__				---		6951954	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
ABAH	0.67	61.0	Lg	09:06:30.013	-2.3					T__				---		6951955	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/11/15	09:17:02.48	0.92	0.79	48.7869	20.1175	4.9	3.8	71	0.0f		12	7	125	0.39	0.92	sx	BUD	17003582	BUD					244

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	5 BUD	17003582

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.39	141.1	Pg	09:17:10.992	0.6					T__		149.9		---	ML	1.6	6951986	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.39	141.1	Lg	09:17:16.148	-0.2					T__				---		6951988	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
JOS	0.40	136.0	Pg	09:17:11.080	0.5					T__		84.6		---	ML	1.4	6951985	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.40	136.0	Lg	09:17:16.548	-0.3					T__				---		6951989	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
NIE	0.64	10.7	Pg	09:17:15.060	0.4					T__		29.0		---	ML	1.3	6951991	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.64	10.7	Lg	09:17:22.748	-1.1					T__				---		6951990	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU02A	0.72	157.7	Pg	09:17:17.834	0.5					T__		34.9		---	ML	1.4	6951987	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.72	157.7	Lg	09:17:27.490	-1.0	T__	---	6951992	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
PSZ	0.88	189.8	Lg	09:17:33.080	-1.2	T__	---	6951993	FDSN	GE	--	BUD	iLoc	HHN	???	_			
VYHS	0.90	251.5	Pg	09:17:20.937	0.3	T__	15.2	---	ML	1.2	6951994	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.90	251.5	Lg	09:17:33.812	0.2	T__	---	6951995	FDSN	SK	--	BUD	iLoc	HHN	???	_			
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=0)																			
ET1H	0.92	190.3	Lg	09:17:34.361	-0.9	T__	---	6951996	FDSN	HU	--	BUD	iLoc	HHN	???	_			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/15	09:38:24.86	1.40	0.82	48.8711	21.1433	7.9	7.4	123	0.0f	11	8	129	0.55	1.31	sx	BUD	17003586	BUD				218

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.4	3 BUD	17003586

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
JOS	0.55	227.0	Pg	09:38:36.603	0.8				T__			42.6	---	ML	1.4	6952099	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.55	227.0	Lg	09:38:43.790	-0.3				T__				---		6952100	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
ABAH	0.58	173.6	Lg	09:38:45.719	-0.4				T__				---		6952102	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.58	228.6	Pg	09:38:37.084	0.6				T__		148.3	---	ML	2.0	6952097	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_	
KECS	0.58	228.6	Lg	09:38:44.866	-0.4				T__			---			6952101	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KOLS	0.75	84.8	Lg	09:38:51.003	-0.3				T__			---			6952104	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.78	315.0	Lg	09:38:49.704	-1.0				T__			---			6952103	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	0.85	209.0	Pg	09:38:42.381	-0.1				T__		53.1	---	ML	1.7	6952098	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	0.85	209.0	Lg	09:38:54.256	-1.3				T__			---			6952105	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
PSZ	1.27	221.6	Sn	09:39:07.319	-0.8				T__			---			6952106	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.31	221.0	Sn	09:39:07.843	-0.8				T__			---			6952107	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/15	09:45:54.58	1.02	1.65	48.8354	21.3356	7.0	3.8	162	0.0f	15	9	129	0.54	1.33	sx	BUD	17003588	BUD				202

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	5 BUD	17003588

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
ABAH	0.54	186.8	Pg	09:46:07.559	2.0				T__			93.0	---	ML	1.8	6952175	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.54	186.8	Lg	09:46:14.438	-0.2				T__			---			6952176	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KOLS	0.63	80.7	Pg	09:46:07.958	1.3				T__			---			6952169	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.63	80.7	Lg	09:46:15.333	-1.5				T__			---			6952170	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.63	237.5	Pg	09:46:06.721	-0.3				T__		43.2	---	ML	1.5	6952168	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_	
JOS	0.63	237.5	Lg	09:46:16.096	-0.4				T__			---			6952171	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KECS 0.66 238.3 Pg 09:46:08.925 1.1 T__ 108.2 ___ ML 1.9 6952177 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.66 238.3 Lg 09:46:17.359 -0.4 T__ ___ 6952172 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HOLU 0.76 113.6 Pg 09:46:08.596 -0.6 T__ ___ 6952178 FDSN UA -- BUD iLoc MHZ ??? _
HOLU 0.76 113.6 Lg 09:46:19.762 -2.2 T__ ___ 6952179 FDSN UA -- BUD iLoc MHZ ??? _
HU02A 0.89 217.4 Pg 09:46:12.753 -0.2 T__ 96.6 ___ ML 2.0 6952174 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.89 217.4 Lg 09:46:22.565 -4.1 T__ ___ 6952173 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
NIE 0.90 311.0 Lg 09:46:23.862 -0.4 T__ ___ 6952180 FDSN PL -- BUD iLoc BHE ??? _
TRPA 1.07 130.9 Pg 09:46:15.475 0.3 T__ 85.9 ___ ML 2.0 6952181 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
PSZ 1.33 226.9 Sn 09:46:39.976 0.6 T__ ___ 6952182 FDSN GE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/15 09:53:58.48 0.83 1.37 47.8788 20.1008 4.5 2.8 158 0.0f 35 24 58 0.14 2.08 sx BUD 17003590 BUD 76

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Magnitude Err Nsta Author OrigID
ML 2.0 0.2 11 BUD 17003590

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.14 286.0 Pg 09:54:02.375 0.2 T__ 3432.3 _c_ ML 2.2 6952316 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.14 286.0 Lg 09:54:05.151 -0.2 T__ ___ 6952346 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
ET1H 0.15 270.2 Pg 09:54:02.500 0.3 T__ 1195.9 ___ ML 1.8 6952317 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.15 270.2 Lg 09:54:05.358 0.1 T__ ___ 6952347 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU23A 0.26 157.2 Lg 09:54:08.750 -0.2 T__ ___ 6952320 FDSN ZJ 00 BUD iLoc HHN ??? _
HU03A 0.34 274.4 Pg 09:54:06.046 0.2 T__ 410.2 ___ ML 1.9 6952318 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.34 274.4 Lg 09:54:11.263 -0.1 T__ ___ 6952348 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 0.37 49.3 Pg 09:54:06.375 -0.3 T__ 279.2 ___ ML 1.8 6952319 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.37 49.3 Lg 09:54:12.093 -0.9 T__ ___ 6952321 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
HU01A 0.63 211.5 Lg 09:54:20.281 -1.4 T__ ___ 6952322 FDSN ZJ 00 BUD iLoc HHN ??? _
KECS 0.66 22.9 Lg 09:54:21.093 -0.7 T__ ___ 6952323 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.68 25.3 Pg 09:54:12.350 0.2 T__ 125.0 ___ ML 2.0 6952349 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.68 25.3 Lg 09:54:21.906 -0.7 T__ ___ 6952324 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU10A 0.73 267.8 Lg 09:54:24.780 -0.5 T__ ___ 6952350 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.87 60.9 Pg 09:54:16.937 1.1 T__ 129.7 ___ ML 2.1 6952326 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.87 60.9 Lg 09:54:28.687 -1.1 T__ ___ 6952325 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1

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(Station ML: 2.1 magdef=1
VYHS 1.05 306.5 Pn 09:54:19.437 -0.0 T__ 27.5 --- ML 1.5 6952327 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.05 306.5 Lg 09:54:33.125 -1.8 T__ --- 6952328 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU04A 1.15 201.9 Sn 09:54:37.125 -0.4 T__ --- 6952329 FDSN ZJ 00 BUD iLoc HHN ??? _
HU09A 1.18 258.9 Sn 09:54:38.250 -0.7 T__ --- 6952330 FDSN ZJ 00 BUD iLoc HHN ??? _
CSKK 1.35 248.2 Pn 09:54:25.750 2.3 T__ 119.6 --- ML 2.3 6952332 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 1.35 248.2 Sn 09:54:43.750 0.7 T__ --- 6952331 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=1
A272A 1.37 214.7 Sn 09:54:44.812 1.7 T__ --- 6952333 FDSN Z3 00 BUD iLoc HHN ??? _
HU08A 1.54 253.9 Sn 09:54:48.187 0.6 T__ --- 6952334 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 1.55 4.8 Pg 09:54:30.312 2.6 T__ 35.5 --- ML 1.9 6952336 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.55 4.8 Sn 09:54:48.625 0.2 T__ --- 6952335 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
TRPA 1.66 80.4 Sn 09:54:52.562 2.1 T__ --- 6952337 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.79 53.1 Lg 09:54:58.937 0.1 T__ --- 6952338 FDSN SK -- BUD iLoc HHN ??? _
MPLH 1.88 248.7 Pg 09:54:35.812 -0.1 T__ 68.2 --- ML 2.4 6952339 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.88 248.7 Sn 09:54:57.687 1.9 T__ --- 6952340 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
JAVC 1.89 302.1 Pg 09:54:35.875 -0.6 T__ 70.7 --- ML 2.4 6952342 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.89 302.1 Sn 09:55:01.625 3.9 T__ --- 6952341 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
SIRR 1.93 146.0 Lg 09:55:03.937 0.7 T__ --- 6952344 FDSN RO -- BUD iLoc HHN ??? _
MORH 1.94 211.4 Lg 09:55:03.687 -1.2 T__ --- 6952343 FDSN HU -- BUD iLoc HHN ??? _
DRGR 2.08 120.5 Sn 09:55:03.437 2.8 T__ --- 6952345 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/15 10:09:07.49 0.91 1.19 47.8833 20.0828 5.1 2.9 159 0.0f 19 12 93 0.13 1.54 sx BUD 17003592 BUD 148

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD 17003592

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
PSZ 0.13 285.6 Pg 10:09:11.567 0.6 T__ 951.0 _c_ ML 1.6 6952406 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.13 285.6 Lg 10:09:12.958 -0.9 T__ --- 6952414 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.14 268.4 Pg 10:09:11.788 0.8 T__ 325.7 --- ML 1.2 6952407 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.14 268.4 Lg 10:09:13.273 -0.5 T__ --- 6952410 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU23A 0.27 155.2 Lg 10:09:17.993 -0.3 T__ --- 6952415 FDSN ZJ 00 BUD iLoc HHN ??? _
HU03A 0.33 273.8 Pg 10:09:15.243 0.6 T__ 177.0 --- ML 1.5 6952408 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.33 273.8 Lg 10:09:19.306 -0.6 T__ --- 6952416 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 0.38 51.0 Pg 10:09:15.686 -0.1 T__ 181.3 --- ML 1.6 6952409 FDSN ZJ 00 BUD iLoc HHZ HHZ _

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HU02A	0.38	51.0	Lg	10:09:21.046	-1.2	T__								6952417	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
HU01A	0.62	210.3	Lg	10:09:29.620	-1.0	T__								6952418	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.66	24.0	Lg	10:09:29.711	-1.1	T__								6952419	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.68	26.3	Pg	10:09:23.166	2.0	T__	53.6							6952421	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	26.3	Lg	10:09:30.728	-0.9	T__								6952420	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
HU10A	0.72	267.3	Lg	10:09:32.139	-1.7	T__								6952422	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
ABAH	0.88	61.5	Lg	10:09:38.807	-0.3	T__								6952413	FDSN	HU	--	BUD	iLoc	HHE	???	_
VYHS	1.03	306.7	Pn	10:09:29.435	1.1	T__	20.2							6952412	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.03	306.7	Lg	10:09:42.185	-1.3	T__								6952411	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																						
(Station ML: 1.4 magdef=1)																						
NIE	1.54	5.3	Pg	10:09:38.164	1.5	T__	41.9							6952424	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.54	5.3	Sn	10:09:59.039	1.7	T__								6952423	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=0)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/15	10:46:31.23	0.92	1.12	48.5432	20.8119	5.3	3.4	177	0.0f		18	10	88	0.19	1.31	sx	BUD	17003594	BUD			158

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.3	7 BUD	17003594

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.19	255.4	Pg	10:46:35.932	0.8					T__		338.1			ML	1.3	6952524	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	255.4	Lg	10:46:38.275	-0.0					T__						6952526	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.23	254.7	Pg	10:46:36.429	0.5					T__		755.0			ML	1.8	6952525	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	254.7	Lg	10:46:39.499	-0.1					T__						6952527	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ABAH	0.38	130.8	Pg	10:46:39.869	0.8					T__		91.6			ML	1.3	6952528	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	130.8	Lg	10:46:44.807	-0.9					T__						6952529	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU02A	0.46	204.5	Pg	10:46:41.557	0.5					T__		55.3			ML	1.3	6952541	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	204.5	Lg	10:46:47.994	-0.6					T__						6952530	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.88	224.8	Pn	10:46:49.178	-0.7					T__		63.2			ML	1.8	6952532	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	224.8	Lg	10:47:01.303	-1.6					T__						6952531	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	0.92	223.8	Pn	10:46:49.708	-0.5					T__		50.5			ML	1.7	6952535	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	223.8	Lg	10:47:02.583	-1.2					T__						6952534	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	0.94	339.1	Lg	10:47:01.208	-1.1					T__						6952533	FDSN	PL	--	BUD	iLoc	BHN	???	_	

KOLS	1.04	67.5	Pg	10:46:51.571	0.5	T__								6952537	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.04	67.5	Lg	10:47:05.633	-1.7	T__								6952536	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.22	109.1	Sn	10:47:11.575	-1.6	T__								6952538	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.31	268.6	Pn	10:46:56.961	1.0	T__				21.6			ML	1.6	6952540	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	268.6	Sn	10:47:13.774	-1.8	T__								6952539	FDSN	SK	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/15	14:30:47.48	0.90	0.66	47.8657	16.0961	4.9	4.1	48	0.0f		17	10	83	0.17	1.53	sx	BUD	17003596	BUD			155

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	7 BUD	17003596

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	291.7	Pg	14:30:50.954	-0.1					T__		306.7		_c_	ML	1.3	6952586	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	291.7	Lg	14:30:52.469	-1.2					T__						6952590	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1

RONA	0.21	140.8	Pg	14:30:52.810	0.8					T__		138.4		_	ML	1.0	6952587	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.21	140.8	Lg	14:30:55.466	0.2					T__						6952591	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=0

A013A	0.50	293.4	Lg	14:31:03.294	-0.5					T__						6952592	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A008A	0.58	329.6	Pg	14:30:59.399	0.7					T__		68.0		_	ML	1.7	6952589	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A008A	0.58	329.6	Lg	14:31:06.852	0.1					T__						6952588	FDSN	Z3	00	BUD	iLoc	HH2	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

A018A	0.70	260.3	Pg	14:31:01.638	0.6					T__		57.8		_	ML	1.6	6952594	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.70	260.3	Lg	14:31:09.451	-0.3					T__						6952593	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

(Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1

ARSA	0.73	212.4	Pg	14:31:01.158	-0.4					T__		86.3		_	ML	1.8	6952595	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.73	212.4	Lg	14:31:10.408	-0.3					T__						6952596	FDSN	OE	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

MODS	0.94	56.9	Lg	14:31:19.927	-1.2					T__						6952597	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	9.3	Pg	14:31:10.922	0.2					T__		49.6		_	ML	1.9	6952599	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	9.3	Sn	14:31:27.485	-0.8					T__						6952598	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 1.9 magdef=1  
 (Station ML: 1.9 magdef=1

VRAC	1.48	12.7	Sn	14:31:35.013	0.1					T__						6952600	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.53	309.4	Pg	14:31:16.760	0.7					T__		118.6		_	ML	2.4	6952602	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.53	309.4	Lg	14:31:37.323	0.3					T__						6952601	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

(Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/16	08:18:27.00	1.33	0.92	46.1160	22.8439	10.6	4.9	53	0.0f		9	6	143	0.24	0.99	sx	BUD	17003598	BUD			214

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.1 3 BUD 17003598

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.24	169.9	Pg	08:18:31.946	0.4					T__		616.1		___	ML	1.7	6952635	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.24	169.9	Lg	08:18:34.196	-0.6					T__				---		6952638	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
DRGR	0.68	352.3	Lg	08:18:51.239	-0.6					T__				---		6952640	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.72	183.7	Pg	08:18:41.515	0.6					T__		60.7		---	ML	1.7	6952636	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.72	183.7	Lg	08:18:50.294	-0.8					T__				---		6952639	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
SIRR	0.84	280.9	Pg	08:18:44.387	0.3					T__		37.6		---	ML	1.5	6952642	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.84	280.9	Lg	08:18:55.588	-0.6					T__				---		6952641	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
LOT	0.93	135.6	Lg	08:18:56.969	-1.5					T__				---		6952643	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.99	240.2	Lg	08:18:59.652	-0.6					T__				---		6952637	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/16	08:20:21.39	0.96	0.86	46.0704	22.7964	6.0	4.1	72	0.0f		13	8	91	0.20	1.87	sx	BUD	17003600	BUD			136

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.0 5 BUD 17003600

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.20	158.2	Pg	08:20:25.507	0.3					T__		831.1		___	ML	1.8	6952676	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.20	158.2	Lg	08:20:27.667	-0.4					T__				---		6952677	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
GZR	0.68	181.2	Pg	08:20:34.763	0.4					T__		69.1		_c_	ML	1.7	6952674	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.68	181.2	Lg	08:20:43.798	-0.2					T__				---		6952678	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
DRGR	0.72	355.4	Pg	08:20:36.707	0.7					T__		75.9		---	ML	1.8	6952681	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.72	355.4	Lg	08:20:46.386	-1.3					T__				---		6952680	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
SIRR	0.81	284.4	Pg	08:20:38.113	0.1					T__		60.3		---	ML	1.7	6952675	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.81	284.4	Lg	08:20:48.983	-0.9					T__				---		6952679	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
CJR	0.85	40.5	Lg	08:20:50.200	-1.1					T__				---		6952682	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.92	132.1	Lg	08:20:51.802	-0.8					T__				---		6952683	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.94	241.6	Pg	08:20:40.202	0.5					T__		43.8		---	ML	1.7	6952685	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.94	241.6	Lg	08:20:52.497	-0.5					T__				---		6952684	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
HU05A	1.87	323.0	Lg	08:21:24.290	1.2					T__				---		6952686	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/16	08:26:09.92	4.42	0.98	46.8866	22.7967	33.5	18.0	158	0.0f	7	5	282	0.11	1.59	sx	BUD	17003602	BUD				308

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.11	211.8	Pg	08:26:12.628	0.1					T__		304.4		_c_	ML	1.1	6952712	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.11	211.8	Lg	08:26:14.850	0.0					T__						6952717	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
SIRR	1.00	232.1	Lg	08:26:43.598	-0.7					T__						6952714	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.49	180.5	Pg	08:26:38.256	0.0					T__		70.8			ML	2.2	6952715	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.49	180.5	Sn	08:26:58.250	-0.3					T__						6952718	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BZS	1.51	213.2	Sn	08:26:58.421	0.0					T__						6952716	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.59	154.5	Sn	08:26:59.608	-1.8					T__						6952713	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/11/16	09:01:19.95	1.11	1.10	48.9717	19.3692	7.1	4.8	3	0.0f	12	9	108	0.59	1.44	sx	BUD	17003604	BUD					176

Magnitude Err Nsta Author OrigID  
ML 2.0 0.1 3 BUD 17003604

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.59	216.6	Lg	09:01:41.525	0.8					T__						6952745	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	0.76	53.4	Lg	09:01:45.049	0.0					T__						6952746	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KECS	0.89	123.1	Pg	09:01:38.213	0.7					T__		108.1			ML	2.0	6952748	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.89	123.1	Lg	09:01:50.010	-0.6					T__						6952747	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JOS	0.91	121.1	Pg	09:01:38.098	0.2					T__		90.9			ML	2.0	6952744	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.91	121.1	Lg	09:01:50.823	-0.6					T__						6952749	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	1.11	161.4	Sn	09:01:57.981	-1.6					T__						6952750	FDSN	GE	--	BUD	iLoc	HHN	???	_	
JAVC	1.13	264.9	Lg	09:01:58.029	-1.6					T__						6952751	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
ET1H	1.14	162.8	Lg	09:01:59.137	-1.0					T__						6952754	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	1.15	137.5	Pn	09:01:43.801	1.3					T__		51.9			ML	1.9	6952753	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.15	137.5	Lg	09:01:58.478	-0.9					T__						6952752	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MORC	1.44	304.7	Lg	09:02:06.842	0.3					T__						6952755	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/11/16	09:16:06.40	1.30	1.19	47.3844	18.3734	8.9	4.1	123	0.0f	15	11	107	0.08	1.31	sx	BUD	17003606	BUD					124

Magnitude Err Nsta Author OrigID  
ML 1.7 0.3 4 BUD 17003606

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
MSW1	0.08	276.2	Pg	09:16:09.499	0.9					T__		1104.5		___	ML	1.6	6952814	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.08	276.2	Lg	09:16:10.560	-0.3					T__				___		6952815	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
CSKK	0.08	254.5	Pg	09:16:09.096	0.4					T__		2199.0		_c_	ML	1.9	6952804	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.08	254.5	Lg	09:16:10.097	-0.8					T__				___		6952807	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
MSW2	0.14	233.4	Pg	09:16:10.479	0.7					T__		292.1		___	ML	1.1	6952817	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.14	233.4	Lg	09:16:11.990	-0.9					T__				___		6952816	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
MSW3	0.17	269.6	Lg	09:16:13.133	-0.7					T__				___		6952818	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU09A	0.25	1.4	Lg	09:16:16.075	-0.8					T__				___		6952808	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
MPLH	0.61	249.6	Lg	09:16:27.257	-0.9					T__				___		6952809	FDSN	HU	--	BUD	iLoc	HHN	???	_		
ET1H	1.13	63.4	Pn	09:16:29.610	1.3					T__		61.4		___	ML	1.9	6952805	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	1.13	63.4	Sn	09:16:43.871	-1.9					T__				___		6952810	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
VYHS	1.15	15.5	Lg	09:16:45.548	-1.0					T__				___		6952812	FDSN	SK	--	BUD	iLoc	HHN	???	_		
PSZ	1.16	62.0	Sn	09:16:45.271	-1.7					T__				___		6952811	FDSN	GE	--	BUD	iLoc	HHN	???	_		
MORH	1.18	170.9	Sn	09:16:45.057	-1.7					T__				___		6952806	FDSN	HU	--	BUD	iLoc	HHN	???	_		
KOVH	1.31	188.4	Sn	09:16:49.987	0.1					T__				___		6952813	FDSN	HU	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/16	09:53:50.22	0.94	0.98	47.0986	18.0342	4.7	3.8	116	0.0f		17	10	112	0.24	1.01	sx	BUD	17003608	BUD			169

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	7 BUD	17003608

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
MSW2	0.24	30.5	Pg	09:53:56.031	0.5					T__		553.6		___	ML	1.7	6952890	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW2	0.24	30.5	Lg	09:54:00.195	-0.0					T__				___		6952891	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
MSW3	0.29	12.4	Pg	09:53:57.697	1.1					T__		912.9		___	ML	2.1	6952893	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW3	0.29	12.4	Lg	09:54:01.424	-0.6					T__				___		6952892	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=0)																										
CSKK	0.31	30.2	Pg	09:53:57.113	0.2					T__		336.3		___	ML	1.7	6952879	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.31	30.2	Lg	09:54:01.779	-0.9					T__				___		6952885	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
MSW1	0.33	27.4	Pg	09:53:57.816	0.5					T__		182.6		___	ML	1.5	6952895	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MSW1	0.33	27.4	Lg	09:54:02.494	-1.0					T__				___		6952896	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=0)																										
HU08A	0.34	347.3	Pg	09:53:58.410	0.9					T__		251.1		___	ML	1.6	6952894	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU08A	0.34	347.3	Lg	09:54:02.770	-0.9					T__				___		6952889	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										

MPLH	0.35	282.2	Pg	09:53:58.263	0.6	T__	186.7	---	ML	1.5	6952881	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.35	282.2	Lg	09:54:02.306	-1.2	T__		---			6952882	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU09A	0.59	23.5	Lg	09:54:11.247	-1.2	T__		---			6952886	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
MORH	0.98	154.4	Pg	09:54:10.521	0.8	T__	53.5	---	ML	1.8	6952888	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.98	154.4	Lg	09:54:24.201	0.1	T__		---			6952887	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
HU10A	1.00	41.4	Sn	09:54:25.783	-0.7	T__		---			6952884	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
KOVH	1.01	177.4	Lg	09:54:23.536	-2.0	T__		---			6952880	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/16 10:06:46.12 0.89 1.40 48.4767 18.7219 6.2 3.5 168 0.0f 16 10 108 0.08 1.40 sx BUD 17003610 BUD 142

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 7 BUD 17003610

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.08	77.1	Pg	10:06:48.952	1.0					T__		615.0		_c	ML	1.3	6952981	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.08	77.1	Lg	10:06:49.404	-0.2					T__				---		6952988	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
A338A	0.52	208.3	Pg	10:06:57.547	0.7					T__	1236.0			---	ML	2.8	6952982	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=0)																									
JAVC	0.80	299.2	Lg	10:07:13.333	-1.4					T__				---		6952989	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
PSZ	0.96	125.0	Pn	10:07:06.370	0.2					T__	94.8			---	ML	2.0	6952991	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	125.0	Lg	10:07:19.123	-1.6					T__				---		6952990	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MODS	0.97	264.4	Lg	10:07:19.801	-0.6					T__				---		6952983	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ET1H	0.97	127.4	Pn	10:07:06.625	0.5					T__	67.4			---	ML	1.9	6952985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.97	127.4	Lg	10:07:19.696	-1.0					T__				---		6952984	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	1.17	89.0	Pn	10:07:09.946	1.1					T__	94.2			---	ML	2.1	6952986	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.17	89.0	Lg	10:07:24.851	-1.7					T__				---		6952992	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	1.21	88.4	Pg	10:07:11.301	1.3					T__	56.8			---	ML	1.9	6952994	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.21	88.4	Lg	10:07:25.856	-1.8					T__				---		6952993	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	1.26	105.7	Pn	10:07:11.487	1.4					T__	48.5			---	ML	1.9	6952995	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.26	105.7	Sn	10:07:27.208	-1.8					T__				---		6952980	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
NIE	1.40	47.2	Lg	10:07:30.898	-1.7					T__				---		6952987	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/16	10:59:49.46	0.99	1.08	46.0555	22.7825	6.9	4.3	63	0.0f	10	6	134	0.19	0.93	sx	BUD	17003612	BUD				205

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD	17003612

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.19	153.9	Lg	10:59:55.070	-0.8					T__						6953046	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.66	180.4	Pg	11:00:02.243	0.1					T__		87.7			ML	1.8	6953048	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.66	180.4	Lg	11:00:11.436	-0.1					T__						6953047	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
DRGR	0.74	356.2	Pg	11:00:04.569	0.2					T__		53.5			ML	1.6	6953054	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.74	356.2	Lg	11:00:15.036	-1.2					T__						6953055	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
SIRR	0.81	285.6	Pg	11:00:05.732	-0.2					T__		54.1			ML	1.7	6953053	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.81	285.6	Lg	11:00:18.969	1.2					T__						6953052	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LOT	0.92	131.0	Pg	11:00:08.307	1.2					T__		63.8			ML	1.8	6953049	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.92	131.0	Lg	11:00:18.830	-1.7					T__						6953050	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	0.93	242.1	Lg	11:00:20.880	0.3					T__						6953051	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/16	12:25:55.68	0.91	1.02	47.5836	18.5179	4.0	3.2	134	0.0f	14	11	112	0.11	0.99	kx	BUD	17003616	BUD				146
2021/11/16	12:25:55.94	0.88	1.70	47.5600	18.4573f				0.0f	14	11	113	0.09	1.03	kx	BUD_GT	17003617	BUD_GT				143
(locality : Tatabánya Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.2	3 BUD_GT	17003617

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	327.2	Pg	12:25:59.094	0.7					T__		1994.2			ML	1.9	6953169	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	12:26:00.215	-0.5					T__						6953167	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
MSW1	0.21	218.9	Pg	12:26:02.130	1.4					T__		150.9			ML	1.1	6953179	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.21	218.9	Lg	12:26:05.362	0.3					T__						6953180	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CSKK	0.24	214.2	Pg	12:26:02.801	1.6					T__		173.0			ML	1.2	6953168	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	12:26:06.526	0.7					T__						6953170	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
SRO	0.27	339.1	Lg	12:26:05.843	-1.0					T__						6953171	FDSN	SK	--	BUD	iLoc	EHN	???	_	
HU08A	0.38	250.6	Lg	12:26:10.532	-0.1					T__						6953175	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BUD	0.39	101.0	Lg	12:26:09.256	-1.9					T__						6953174	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	0.47	52.8	Lg	12:26:11.581	-2.4					T__						6953176	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

MPLH	0.74	238.3	Lg	12:26:22.055	0.2	T__	---	6953177	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	0.97	15.1	Lg	12:26:28.408	-1.4	T__	---	6953173	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	1.01	71.0	Lg	12:26:29.084	-2.9	T__	---	6953178	FDSN	HU	--	BUD	iLoc	HHN	???	_
PSZ	1.03	69.2	Lg	12:26:29.937	-3.4	T__	---	6953172	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/17	09:52:12.42	0.98	0.91	45.6416	17.2900	6.0	5.5	125	0.0f	12	6	126	0.72	1.30	sx	BUD	17003620	BUD				220

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	6 BUD	17003620

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.72	51.4	Pg	09:52:27.163	-0.1					T__		120.6		---	ML	2.0	6953299	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.72	51.4	Lg	09:52:38.279	0.6					T__				---		6953300	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
BLY	0.90	184.8	Pg	09:52:29.798	-0.0					T__		148.0		---	ML	2.2	6953301	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	0.90	184.8	Lg	09:52:41.490	0.3					T__				---		6953298	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
PTJ	0.96	286.5	Pg	09:52:31.670	0.0					T__		130.0		---	ML	2.1	6953302	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.96	286.5	Lg	09:52:45.652	0.3					T__				---		6953303	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
KOGS	1.08	318.5	Pg	09:52:33.542	-0.3					T__		154.2		---	ML	2.3	6953304	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.08	318.5	Lg	09:52:49.442	1.3					T__				---		6953305	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																									
MORH	1.11	58.3	Pn	09:52:33.249	-0.8					T__		50.5		---	ML	1.8	6953296	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.11	58.3	Sn	09:52:48.812	-1.6					T__				---		6953297	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
CRES	1.30	278.8	Pg	09:52:36.638	-0.7					T__		109.0		---	ML	2.3	6953307	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.30	278.8	Sn	09:52:54.434	-1.2					T__				---		6953306	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/11/17	10:56:12.36	0.93	0.42	47.8874	16.0875	5.9	3.5	26	0.0f	11	7	84	0.16	1.19	sx	BUD	17003624	BUD						152

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.6	4 BUD	17003624

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	285.1	Pg	10:56:15.358	-0.4					T__		151.7		---	ML	0.9	6953475	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	285.1	Lg	10:56:18.017	-0.1					T__				---		6953476	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
RONA	0.23	143.1	Pg	10:56:17.469	0.1					T__		84.1		---	ML	0.9	6953477	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	143.1	Lg	10:56:20.584	-0.2					T__				---		6953480	FDSN	OE	--	BUD	iLoc	HHE	???	_	

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(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
A013A 0.49 291.3 Pg 10:56:22.335 0.5 T__ 102.3 ___ ML 1.7 6953482 FDSN Z3 00 BUD iLoc HHZ HHZ _
A013A 0.49 291.3 Lg 10:56:28.593 0.4 T__ ___ 6953481 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
A018A 0.70 258.4 Lg 10:56:34.650 0.0 T__ ___ 6953483 FDSN Z3 00 BUD iLoc HHN ??? _
ARSA 0.74 211.2 Lg 10:56:35.956 -0.1 T__ ___ 6953484 FDSN OE -- BUD iLoc HHN ??? _
MODS 0.93 58.2 Lg 10:56:45.187 -0.5 T__ ___ 6953485 FDSN SK -- BUD iLoc HHN ??? _
KRUC 1.19 9.8 Pg 10:56:35.907 0.7 T__ 78.4 ___ ML 2.1 6953479 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.19 9.8 Sn 10:56:52.910 0.2 T__ ___ 6953478 FDSN CZ -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/17	11:56:42.00	3.73	1.26	46.8788	22.6885	27.4	18.4	33	0.0f		9	5	282	0.09	1.62	sx	BUD	17003626	BUD			301

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Magnitude Err Nsta Author OrigID
ML 1.8 0.5 4 BUD 17003626

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.09 169.9 Pg 11:56:44.373 0.2 T__ 335.2 ___ ML 1.1 6953513 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.09 169.9 Lg 11:56:45.986 -0.1 T__ ___ 6953514 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SIRR 0.94 229.6 Pn 11:57:00.800 -0.6 T__ 31.3 ___ ML 1.5 6953515 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.94 229.6 Lg 11:57:14.453 -0.1 T__ ___ 6953520 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
BZS 1.47 210.9 Sn 11:57:29.310 -0.0 T__ ___ 6953516 FDSN RO -- BUD iLoc HHN ??? _
GZR 1.49 177.6 Pn 11:57:09.786 0.3 T__ 52.2 ___ ML 2.0 6953517 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.49 177.6 Sn 11:57:29.337 -1.1 T__ ___ 6953521 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
LOT 1.62 151.9 Pn 11:57:10.207 -1.4 T__ 61.4 ___ ML 2.2 6953519 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.62 151.9 Sn 11:57:31.641 -2.4 T__ ___ 6953518 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/17	14:14:22.38	0.86	0.74	46.3641	18.7662	4.5	3.1	167	9.5	8.2	16	11	111	0.17	1.21	ke	BUD	17003628	BUD			138

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Magnitude Err Nsta Author OrigID
ML 1.9 0.3 7 BUD 17003628

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MORH 0.17 209.7 Pg 14:14:26.303 -0.1 T__ 591.7 _d ML 1.5 6953655 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.17 209.7 Lg 14:14:28.848 -0.7 T__ ___ 6953665 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

```

HU22A	0.26	98.0	Pg	14:14:28.461	0.5	T__	676.6	_c_ ML	1.8	6953657	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU22A	0.26	98.0	Lg	14:14:32.567	0.0	T__		---		6953668	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																		
(Station ML: 1.8 magdef=1)																		
A266A	0.38	295.2	Pg	14:14:30.567	0.2	T__	323.7	___ ML	1.9	6953656	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.38	295.2	Lg	14:14:36.285	0.1	T__		---		6953669	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																		
(Station ML: 1.9 magdef=1)																		
A272A	0.40	19.8	Lg	14:14:37.029	-0.5	T__		---		6953664	FDSN	Z3	00	BUD	iLoc	HHE	???	_
KOVH	0.54	239.4	Pg	14:14:33.136	-0.1	T__	79.1	___ ML	1.7	6953654	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.54	239.4	Lg	14:14:40.760	-0.2	T__		---		6953661	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																		
(Station ML: 1.7 magdef=1)																		
HU04A	0.66	47.3	Pg	14:14:35.886	0.1	T__	241.0	___ ML	2.3	6953658	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.66	47.3	Lg	14:14:45.287	-0.9	T__		---		6953659	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
(Reading ML: 2.3 magdef=1)																		
(Station ML: 2.3 magdef=1)																		
HU21A	0.67	92.3	Lg	14:14:45.855	-0.4	T__		---		6953662	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A265A	0.67	275.5	Pg	14:14:36.190	0.4	T__	685.7	___ ML	2.7	6953666	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1)																		
(Station ML: 2.7 magdef=0)																		
A273A	0.80	236.2	Pn	14:14:39.292	1.1	T__	437.6	___ ML	2.6	6953660	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																		
(Station ML: 2.6 magdef=1)																		
CSKK	1.06	341.0	Sn	14:14:57.726	0.5	T__		---		6953667	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU08A	1.21	331.9	Sn	14:15:02.636	1.7	T__		---		6953663	FDSN	ZJ	00	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/18	08:33:02.69	1.95	1.30	47.3930	18.3915	15.5	5.0	132	0.0f		9	8	108	0.09	1.19	sx	BUD	17003630	BUD			187

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW1	0.09	270.0	Lg	08:33:08.073	0.5					T__						6953788	FDSN	HU	--	BUD	iLoc	HHE	???	_	
CSKK	0.09	251.5	Pg	08:33:05.732	0.5					T__	693.0			___ ML	1.4	6953780	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.09	251.5	Lg	08:33:06.591	-1.1					T__				---		6953781	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU09A	0.25	358.6	Lg	08:33:12.887	0.1					T__				---		6953782	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.32	277.0	Lg	08:33:14.258	-1.0					T__				---		6953783	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	1.11	63.5	Sn	08:33:40.864	-0.8					T__				---		6953784	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.14	15.0	Lg	08:33:41.713	-0.8					T__				---		6953787	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.14	62.1	Sn	08:33:41.310	-1.6					T__				---		6953785	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MORH	1.19	171.6	Sn	08:33:41.318	-1.9					T__				---		6953786	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/18	09:00:27.24	0.97	0.59	46.1024	18.0598	6.2	3.7	139	0.0f		9	5	119	0.03	1.13	sx	BUD	17003632	BUD			224

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	17003632

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	116.9	Pg	09:00:28.951	0.4					T__		1577.4		_c_	ML	1.6	6953832	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	116.9	Lg	09:00:29.283	-0.8					T__				---		6953838	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
A273A	0.25	222.5	Pg	09:00:33.104	0.3					T__		568.3		---	ML	1.8	6953833	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.25	222.5	Lg	09:00:36.287	-0.5					T__				---		6953839	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
MORH	0.42	74.3	Pg	09:00:36.611	0.5					T__		80.4		---	ML	1.4	6953835	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.42	74.3	Lg	09:00:42.121	-0.9					T__				---		6953834	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
A266A	0.45	18.5	Pg	09:00:36.738	0.0					T__		262.8		---	ML	2.0	6953840	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.45	18.5	Lg	09:00:44.041	0.2					T__				---		6953836	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
MPLH	1.13	341.6	Sn	09:01:06.115	0.2					T__				---		6953837	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/18	09:30:25.28	0.93	0.68	47.8828	16.0410	5.9	4.8	174	0.0f		14	8	77	0.13	1.49	sx	BUD	17003634	BUD			150

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	6 BUD	17003634

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.13	290.7	Pg	09:30:28.585	0.5					T__		300.8		---	ML	1.1	6953876	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.13	290.7	Lg	09:30:29.665	-0.5					T__				---		6953882	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
RONA	0.25	136.7	Pg	09:30:30.617	0.1					T__		166.9		---	ML	1.2	6953877	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.25	136.7	Lg	09:30:34.341	0.1					T__				---		6953878	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
AO18A	0.66	258.3	Pg	09:30:38.242	0.1					T__		82.4		---	ML	1.8	6953879	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
AO18A	0.66	258.3	Lg	09:30:46.175	-0.4					T__				---		6953883	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
ARSA	0.72	209.2	Pg	09:30:39.049	-0.2					T__		102.6		---	ML	1.9	6953880	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.72	209.2	Lg	09:30:48.202	-0.2					T__				---		6953884	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
MODS	0.96	58.9	Lg	09:30:58.765	-0.9					T__				---		6953885	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	11.2	Pg	09:30:48.743	0.4					T__		76.4		---	ML	2.1	6953881	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.20	11.2	Sn	09:31:05.580	-0.3					T__				---		6953886	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
JAVC	1.46	47.4	Sn	09:31:13.807	0.6					T__				---		6953887	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
CKRC	1.49	309.7	Pg	09:30:54.887	1.7					T__		181.5		---	ML	2.6	6953889	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.49	309.7	Sn	09:31:12.887	-0.2					T__				---		6953888	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									

(Station ML: 2.6 magdef=0)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/18	09:34:19.97	1.38	1.10	47.3718	18.3648	9.6	4.2	126	0.0f		23	17	107	0.07	1.64	sx	BUD	17003636	BUD			125

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	6 BUD	17003636

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.07	263.0	Pg	09:34:22.868	0.8					T__		6255.8		_c_	ML	2.3	6953969	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.07	263.0	Lg	09:34:23.636	-0.6					T__				---		6953972	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
MSW1	0.07	286.4	Pg	09:34:23.106	1.0					T__		2086.4		---	ML	1.8	6953988	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.07	286.4	Lg	09:34:23.990	-0.3					T__				---		6953989	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW2	0.13	236.4	Lg	09:34:25.294	-0.8					T__				---		6953990	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW3	0.16	274.1	Lg	09:34:26.389	-0.8					T__				---		6953991	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.27	2.6	Lg	09:34:30.002	-0.8					T__				---		6953973	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU08A	0.31	281.4	Lg	09:34:31.274	-0.8					T__				---		6953974	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
SRD	0.44	355.5	Lg	09:34:35.853	-1.1					T__				---		6953975	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MPLH	0.60	250.6	Pg	09:34:32.316	0.1					T__		71.2		---	ML	1.7	6953977	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.60	250.6	Lg	09:34:40.623	-0.8					T__				---		6953976	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	1.14	63.0	Pn	09:34:42.977	0.9					T__		59.2		---	ML	1.9	6953970	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.14	63.0	Sn	09:34:57.820	-1.7					T__				---		6953978	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
VYHS	1.17	15.6	Pn	09:34:43.577	0.9					T__		27.4		---	ML	1.6	6953982	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	15.6	Sn	09:34:59.362	-1.4					T__				---		6953981	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
PSZ	1.17	61.6	Pn	09:34:43.526	0.8					T__		84.0		---	ML	2.1	6953971	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.17	61.6	Sn	09:34:58.812	-2.0					T__				---		6953979	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MORH	1.17	170.5	Sn	09:34:58.172	-1.9					T__				---		6953980	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ZST	1.19	314.6	Sn	09:35:00.177	-0.6					T__				---		6953983	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MODS	1.24	324.3	Sn	09:35:01.318	-1.2					T__				---		6953984	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOVH	1.30	188.2	Sn	09:35:02.294	-0.8					T__				---		6953985	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	1.44	283.9	Sn	09:35:07.146	0.4					T__				---		6953986	FDSN	OE	--	BUD	iLoc	HHN	???	_	
HU02A	1.64	62.0	Sn	09:35:12.001	0.1					T__				---		6953987	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/18	09:48:56.45	0.90	1.46	48.7110	18.7372	4.8	3.6	17	0.0f		21	14	132	0.23	1.33	sx	BUD	17003638	BUD			177

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	6 BUD	17003638

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.23	163.1	Pg	09:49:02.344	1.1					T__		107.8		___	ML	1.0	6954040	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.23	163.1	Lg	09:49:05.098	0.2					T__				---		6954041	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
JAVC	0.72	282.3	Pg	09:49:11.273	0.0					T__		106.8		___	ML	1.9	6954042	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.72	282.3	Lg	09:49:22.350	-0.1					T__				---		6954043	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A338A	0.74	200.4	Lg	09:49:22.793	-0.7					T__				---		6954044	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
HU10A	0.89	167.7	Pg	09:49:15.040	0.5					T__		121.5		___	ML	2.1	6954046	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.89	167.7	Lg	09:49:26.947	-1.5					T__				---		6954045	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
SRO	0.94	197.7	Lg	09:49:29.273	-1.1					T__				---		6954047	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MODS	1.03	251.4	Lg	09:49:31.876	-0.8					T__				---		6954048	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU09A	1.10	192.6	Sn	09:49:34.092	-1.3					T__				---		6954051	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	1.11	135.3	Lg	09:49:32.873	-3.1					T__				---		6954049	FDSN	GE	--	BUD	iLoc	HHE	???	_	
ET1H	1.13	137.3	Sn	09:49:34.147	-1.8					T__				---		6954050	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	1.18	100.5	Pg	09:49:20.926	1.1					T__		88.7		___	ML	2.1	6954038	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.18	100.5	Lg	09:49:35.200	-1.5					T__				---		6954052	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ZST	1.20	245.3	Pn	09:49:22.295	2.4					T__				---		6954055	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ZST	1.20	245.3	Sn	09:49:37.747	-0.3					T__				---		6954056	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JOS	1.22	99.5	Pn	09:49:21.203	1.4					T__		72.8		___	ML	2.0	6954039	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.22	99.5	Lg	09:49:35.864	-1.8					T__				---		6954053	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
NIE	1.25	54.9	Lg	09:49:37.692	0.1					T__				---		6954054	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU02A	1.33	115.7	Pn	09:49:23.181	1.7					T__		76.7		___	ML	2.1	6954058	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.33	115.7	Sn	09:49:40.350	-0.9					T__				---		6954057	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/18	09:54:08.13	1.34	1.01	48.5351	20.8182	7.1	6.0	36	0.0f		12	9	151	0.19	1.81	sx	BUD	17003640	BUD			226

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	3 BUD	17003640

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.19	258.1	Pg	09:54:12.835	0.7					T__		352.1		_c_	ML	1.4	6954092	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	258.1	Lg	09:54:15.175	-0.1					T__				---		6954093	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.23	256.9	Pg	09:54:13.301	0.4					T__		1202.0		___	ML	2.0	6954095	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	256.9	Lg	09:54:16.236	-0.3					T__				---		6954094	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ABAH	0.37	130.3	Lg	09:54:21.988	-0.3					T__				---		6954097	FDSN	HU	--	BUD	iLoc	HHN	???	_	

HU02A	0.46	205.4	Lg	09:54:24.893	-0.4	T__								6954098	FDSN	ZJ	00	BUD	iLoc	HHN	???	_			
PSZ	0.87	225.4	Pg	09:54:27.098	0.5	T__					75.6			---	ML	1.9	6954096	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	225.4	Lg	09:54:38.286	-1.4	T__								---		6954099	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	0.91	224.3	Lg	09:54:39.510	-1.1	T__								---		6954101	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.95	339.1	Lg	09:54:38.368	-1.1	T__								---		6954100	FDSN	PL	--	BUD	iLoc	BHN	???	_	
VVHS	1.32	269.0	Sn	09:54:50.896	-1.7	T__								---		6954102	FDSN	SK	--	BUD	iLoc	HHN	???	_	
OJC	1.81	338.8	Sn	09:55:04.381	-0.8	T__								---		6954103	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/18	10:07:18.16	0.94	1.25	46.0075	22.7157	5.8	3.9	51	0.0f		11	7	86	0.18	0.93	sx	BUD	17003642	BUD			127

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BUD	17003642

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.18	133.4	Pg	10:07:22.264	0.7					T__		1004.0		---	ML	1.8	6954131	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	133.4	Lg	10:07:24.230	0.1					T__				---		6954137	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
GZR	0.62	176.0	Pg	10:07:30.281	0.3					T__		73.8		---	ML	1.7	6954133	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.62	176.0	Lg	10:07:37.647	-1.1					T__				---		6954132	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SIRR	0.78	289.9	Pg	10:07:35.210	1.1					T__		44.2		---	ML	1.6	6954135	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.78	289.9	Lg	10:07:44.570	-1.0					T__				---		6954134	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
DRGR	0.78	359.8	Pg	10:07:34.213	0.3					T__		75.3		---	ML	1.8	6954136	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.78	359.8	Lg	10:07:45.263	-0.8					T__				---		6954138	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
BZS	0.86	243.4	Lg	10:07:45.798	-1.4					T__				---		6954140	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.93	126.8	Lg	10:07:47.713	-1.7					T__				---		6954139	FDSN	RO	--	BUD	iLoc	HHN	???	_	
CJR	0.93	40.6	Lg	10:07:49.337	-1.6					T__				---		6954141	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/18	10:32:57.35	1.52	1.22	48.4208	20.7311	11.3	4.1	82	0.0f		9	5	118	0.15	1.24	sx	BUD	17003644	BUD			220

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.0	4 BUD	17003644

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.15	300.5	Pg	10:33:00.943	0.4					T__		208.4		_c	ML	1.0	6954225	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	300.5	Lg	10:33:02.824	-0.3					T__				---		6954227	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.17	291.0	Pg	10:33:01.384	0.3					T__		175.2		---	ML	1.0	6954226	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.17	291.0	Lg	10:33:03.825	-0.2					T__				---		6954228	FDSN	SK	--	BUD	iLoc	EHN	???	_	

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.33 204.8 Pg 10:33:04.767 0.2 T__ 69.3 ___ ML 1.1 6954233 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.33 204.8 Lg 10:33:09.585 -0.6 T__ ___ 6954229 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
NIE 1.04 344.2 Pg 10:33:17.555 0.6 T__ 51.3 ___ ML 1.8 6954231 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.04 344.2 Lg 10:33:31.179 -1.3 T__ ___ 6954230 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
TRPA 1.24 102.9 Sn 10:33:37.188 -2.5 T__ ___ 6954232 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 10:59:37.83 0.92 0.45 48.4389 19.5762 5.9 3.5 7 0.0f 11 7 116 0.50 1.09 sx BUD 17003646 BUD 225

```

```

Magnitude Err Nsta Author OrigID
ML 1.6 0.1 4 BUD 17003646

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.50 276.7 Pg 10:59:48.331 0.3 T__ 29.7 ___ ML 1.2 6954267 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.50 276.7 Lg 10:59:54.867 -0.6 T__ ___ 6954268 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.56 157.6 Lg 10:59:58.651 -0.1 T__ ___ 6954265 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.59 160.5 Lg 10:59:59.049 -0.4 T__ ___ 6954270 FDSN HU -- BUD iLoc HHN ??? _
KECS 0.61 85.5 Pg 10:59:50.381 0.4 T__ 88.1 ___ ML 1.8 6954264 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.61 85.5 Lg 10:59:59.118 -0.1 T__ ___ 6954269 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.64 84.6 Pg 10:59:50.786 0.1 T__ 58.3 ___ ML 1.6 6954266 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.64 84.6 Lg 11:00:00.188 -0.2 T__ ___ 6954271 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.71 116.2 Pg 10:59:52.996 0.4 T__ 52.1 ___ ML 1.6 6954273 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.71 116.2 Lg 11:00:02.965 -0.7 T__ ___ 6954272 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
NIE 1.09 25.7 Lg 11:00:13.951 -0.4 T__ ___ 6954274 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 11:02:48.61 1.03 0.49 48.4357 19.5593 8.5 4.2 18 0.0f 6 4 167 0.48 0.66 sx BUD 17003648 BUD 287

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```

Magnitude Err Nsta Author OrigID

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.48 277.2 Pg 11:02:58.846 0.3 T__ 22.5 ___ ML 1.0 6954300 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.48 277.2 Lg 11:03:05.319 -0.5 T__ ___ 6954301 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
PSZ 0.56 156.4 Pg 11:03:01.061 0.3 T__ 82.2 ___ ML 1.7 6954299 FDSN GE -- BUD iLoc HHZ HHZ _

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```

PSZ 0.56 156.4 Lg 11:03:09.230 -0.4 T__ --- 6954298 FDSN GE -- BUD iLoc HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.62 85.3 Lg 11:03:10.227 -0.2 T__ --- 6954297 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.66 84.4 Lg 11:03:11.263 -0.3 T__ --- 6954302 FDSN ZJ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 11:17:31.73 1.04 1.10 47.9044 18.9937 7.7 3.9 77 0.0f 10 6 153 0.06 1.30 sx BUD 17003650 BUD 229

```

```

Magnitude Err Nsta Author OrigID
ML 1.5 0.3 4 BUD 17003650

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.06 164.2 Pg 11:17:33.768 0.3 T__ 849.5 --- ML 1.4 6954355 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.06 164.2 Lg 11:17:34.544 -0.6 T__ --- 6954364 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VYHS 0.60 349.9 Pg 11:17:44.204 0.2 T__ 28.7 --- ML 1.3 6954356 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.60 349.9 Lg 11:17:52.789 -0.2 T__ --- 6954359 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.61 88.3 Pg 11:17:44.892 0.1 T__ 72.1 --- ML 1.7 6954358 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.61 88.3 Lg 11:17:54.308 -0.0 T__ --- 6954363 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 1.05 77.5 Pn 11:17:53.039 0.3 T__ 64.2 --- ML 1.9 6954357 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.05 77.5 Sn 11:18:09.405 -0.1 T__ --- 6954360 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
JOS 1.19 59.6 Sn 11:18:12.988 0.4 T__ --- 6954362 FDSN ZJ -- BUD iLoc HHN ??? _
JAVC 1.30 317.8 Sn 11:18:13.824 -2.8 T__ --- 6954361 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 14:54:53.64 1.23 1.22 47.1803 19.3381 21.6 6.0 121 0.0f 8 5 168 0.25 1.39 sx BUD 17003652 BUD 180

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.2 4 BUD 17003652

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU01A 0.25 49.3 Pg 14:55:00.302 0.6 T__ 944.1 --- ML 2.0 6954456 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU01A 0.25 49.3 Lg 14:55:03.590 -0.8 T__ --- 6954457 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
ET1H 0.79 27.1 Pg 14:55:11.341 1.0 T__ 54.4 --- ML 1.7 6954453 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.79 27.1 Lg 14:55:20.303 -1.9 T__ --- 6954458 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 0.83 26.8 Pg 14:55:12.120 0.8 T__ 79.2 --- ML 1.9 6954452 FDSN GE -- BUD iLoc HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

```

```

MORH 1.08 206.6 Pn 14:55:14.756 0.1 T__ 34.1 ___ ML 1.6 6954451 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.08 206.6 Lg 14:55:29.765 -1.0 T__ ___ 6954454 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOVH 1.39 218.4 Sn 14:55:39.078 0.2 T__ ___ 6954455 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 15:12:09.62 0.98 1.20 47.2032 19.2863 22.0 4.2 118 0.0f 9 6 163 0.78 1.38 sx BUD 17003654 BUD 174

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 6 BUD 17003654

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.78 30.2 Pg 15:12:27.119 0.9 T__ 94.3 ___ ML 1.9 6954534 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.78 30.2 Lg 15:12:37.078 -1.0 T__ ___ 6954538 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 0.83 29.7 Pg 15:12:28.031 0.8 T__ 97.5 ___ ML 1.9 6954533 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.83 29.7 Lg 15:12:38.352 -1.6 T__ ___ 6954535 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU22A 0.88 187.0 Pg 15:12:27.648 0.4 T__ 348.1 ___ ML 2.5 6954539 FDSN ZJ 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A266A 0.98 226.3 Pg 15:12:29.406 0.2 T__ 274.2 ___ ML 2.5 6954540 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
MORH 1.08 204.3 Pn 15:12:30.770 0.1 T__ 58.6 ___ ML 1.9 6954532 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.08 204.3 Lg 15:12:45.887 -1.1 T__ ___ 6954536 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
KOVH 1.38 216.7 Pn 15:12:36.484 1.5 T__ 81.0 ___ ML 2.2 6954537 FDSN HU -- BUD iLoc HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/18 19:53:36.47 0.79 1.01 47.4685 19.8111 4.1 2.6 113 5.1 7.4 42 25 37 0.18 1.81 ke BUD 17003656 BUD 58

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 18 BUD 17003656

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU01A 0.18 226.4 Pg 19:53:41.056 0.4 T__ 535.0 _c_ ML 1.5 6954720 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU01A 0.18 226.4 Lg 19:53:43.198 -0.6 T__ ___ 6954721 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU23A 0.34 60.0 Pg 19:53:44.483 0.6 T__ 248.8 ___ ML 1.6 6954718 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU23A 0.34 60.0 Lg 19:53:49.644 0.4 T__ ___ 6954722 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0

```

BSZH	0.35	118.4	Pg	19:53:44.086	-0.1	T__	428.2	___	ML	1.9	6954738	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
ET1H	0.41	5.6	Pg	19:53:45.009	-0.3	T__	66.7	_d	ML	1.3	6954716	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.41	5.6	Lg	19:53:51.361	-0.2	T__		---			6954739	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
PSZ	0.45	7.1	Pg	19:53:46.213	-0.1	T__	198.9	---	ML	1.9	6954714	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.45	7.1	Lg	19:53:52.721	-0.7	T__		---			6954715	FDSN	GE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU03A	0.46	341.9	Pg	19:53:46.380	0.3	T__	126.2	---	ML	1.7	6954717	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.46	341.9	Lg	19:53:52.191	-0.8	T__		---			6954740	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU04A	0.70	199.2	Pg	19:53:50.437	-0.3	T__	118.7	---	ML	2.0	6954741	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU04A	0.70	199.2	Lg	19:54:00.476	-1.0	T__		---			6954723	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
A271A	0.74	245.1	Pg	19:53:52.190	0.9	T__	227.7	---	ML	2.3	6954749	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
HU02A	0.81	36.1	Pg	19:53:52.513	-0.6	T__	73.5	---	ML	1.8	6954719	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.81	36.1	Lg	19:54:03.933	-1.5	T__		---			6954724	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
HU05A	0.90	84.2	Pn	19:53:54.437	0.3	T__	160.8	---	ML	2.2	6954750	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU05A	0.90	84.2	Sn	19:54:07.521	-0.6	T__		---			6954742	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
HU06A	0.92	145.4	Pn	19:53:55.369	1.0	T__	206.4	---	ML	2.3	6954751	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU06A	0.92	145.4	Sn	19:54:08.634	0.4	T__		---			6954752	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
A272A	0.93	218.9	Pn	19:53:54.574	0.1	T__	153.2	---	ML	2.2	6954743	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A272A	0.93	218.9	Sn	19:54:07.520	-1.2	T__		---			6954725	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=1)																			
HU09A	0.98	280.5	Pn	19:53:55.777	0.3	T__	120.3	---	ML	2.1	6954753	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.98	280.5	Sn	19:54:09.043	-1.4	T__		---			6954726	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
CSKK	1.06	264.9	Sn	19:54:11.699	-0.6	T__		---			6954744	FDSN	HU	--	BUD	iLoc	HHN	???	_
KECS	1.11	23.8	Sn	19:54:13.301	-0.1	T__		---			6954745	FDSN	SK	--	BUD	iLoc	EHN	???	_
A338A	1.13	299.6	Sn	19:54:14.123	0.1	T__		---			6954754	FDSN	Z3	00	BUD	iLoc	HH2	???	_
HU21A	1.14	182.9	Sn	19:54:14.744	1.1	T__		---			6954728	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
JOS	1.14	25.2	Pn	19:53:58.630	1.0	T__	72.4	---	ML	2.0	6954727	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.14	25.2	Sn	19:54:14.207	0.2	T__		---			6954746	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
VYHS	1.22	327.8	Pn	19:53:59.853	0.9	T__	31.1	---	ML	1.7	6954729	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.22	327.8	Sn	19:54:15.915	-0.6	T__		---			6954730	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			

```

(Station ML: 1.7 magdef=1
HU22A 1.23 202.5 Sn 19:54:17.818 1.8 T__
ABAH 1.27 48.7 Pn 19:54:00.744 1.4 T__ 109.9 --- ML 2.2 6954747 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 1.27 48.7 Sn 19:54:17.858 0.7 T__ --- 6954733 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU08A 1.28 269.0 Sn 19:54:17.634 -0.0 T__
MORH 1.49 213.0 Pg 19:54:05.433 -0.5 T__ 41.9 --- ML 1.9 6954748 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.49 213.0 Sn 19:54:23.682 1.5 T__ --- 6954734 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
SIRR 1.75 132.8 Sn 19:54:31.818 3.2 T__
KOVH 1.81 221.0 Pg 19:54:11.670 -0.6 T__ 62.8 --- ML 2.3 6954737 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.81 221.0 Sn 19:54:32.328 2.0 T__ --- 6954735 FDSN HU -- BUD iLoc HHN ??? _
KOVH 1.81 221.0 Lg 19:54:36.703 -0.4 T__ --- 6954736 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/19 07:59:43.55 1.35 0.96 47.8116 19.1624 13.4 4.9 6 0.0f 5 4 207 0.10 0.72 kx BUD 17003660 BUD 260
2021/11/19 07:59:43.98 1.01 1.19 47.8355 19.1270f 0.0f 5 4 192 0.07 0.69 kx BUD_GT 17003661 BUD_GT 258
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
HU10A 0.07 277.6 Pg 07:59:46.594 0.6 T__ 641.6 --- ML 1.3 6955371 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 07:59:47.342 -0.5 T__ --- 6955372 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
ET1H 0.50 84.8 Lg 08:00:01.174 -1.5 T__ --- 6955374 FDSN HU -- BUD iLoc HHN ??? _
PSZ 0.52 80.6 Lg 08:00:02.183 -1.6 T__ --- 6955375 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.69 343.6 Lg 08:00:08.730 0.5 T__ --- 6955373 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/19 08:50:20.23 0.85 0.92 48.4239 19.1284 6.9 2.8 26 0.0f 20 13 150 0.21 1.41 sx BUD 17003662 BUD 155

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 6 BUD 17003662
Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
VYHS 0.21 289.9 Pg 08:50:25.356 0.7 T__ --- 6955415 FDSN SK -- BUD iLoc HHZ ??? _
VYHS 0.21 289.9 Lg 08:50:27.683 -0.4 T__ --- 6955416 FDSN SK -- BUD iLoc HHN ??? _
HU03A 0.61 148.6 Pg 08:50:33.055 0.1 T__ 145.5 --- ML 2.0 6955412 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.61 148.6 Lg 08:50:42.276 0.1 T__ --- 6955417 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZ 0.72 134.3 Pg 08:50:36.156 0.6 T__ 102.3 --- ML 1.9 6955411 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.72 134.3 Lg 08:50:45.710 -0.9 T__ --- 6955418 FDSN GE -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.74 137.3 Lg 08:50:46.596 -0.2 T__
KECS 0.91 85.7 Pg 08:50:38.759 0.5 T__ 93.8 --- ML 2.0 6955414 FDSN SK -- BUD iLoc EHE EHZ _
KECS 0.91 85.7 Lg 08:50:51.138 -0.6 T__ --- 6955420 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
JOS 0.94 85.1 Pg 08:50:39.675 0.8 T__ 105.1 --- ML 2.0 6955422 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.94 85.1 Lg 08:50:52.358 -0.6 T__ --- 6955421 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU02A 0.98 107.4 Pn 08:50:40.809 0.5 T__ 69.8 --- ML 1.9 6955413 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 107.4 Lg 08:50:53.963 -1.2 T__ --- 6955423 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
JAVC 1.06 294.8 Pg 08:50:42.168 0.4 T__ 228.4 --- ML 2.4 6955425 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.06 294.8 Lg 08:50:56.014 -1.9 T__ --- 6955424 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
CSKK 1.21 209.1 Sn 08:51:01.513 -0.3 T__ --- 6955427 FDSN HU -- BUD iLoc HHN ??? _
MODS 1.23 268.4 Sn 08:51:01.488 -1.4 T__ --- 6955426 FDSN SK -- BUD iLoc HHN ??? _
HU08A 1.28 219.7 Sn 08:51:03.320 -0.1 T__ --- 6955428 FDSN ZJ 00 BUD iLoc HHE ??? _
ZST 1.37 261.2 Sn 08:51:06.662 0.8 T__ --- 6955429 FDSN SK -- BUD iLoc HHN ??? _
ABAH 1.41 94.4 Sn 08:51:08.194 1.7 T__ --- 6955430 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/19 09:00:31.60 2.01 1.28 47.7062 19.0798 14.1 3.9 20 0.0f 9 6 230 0.15 0.81 sx BUD 17003664 BUD 271

```

```

Magnitude Err Nsta Author OrigID
ML 1.9 0.2 3 BUD 17003664

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.15 343.5 Pg 09:00:36.189 1.1 T__ 1839.7 --- ML 2.0 6955461 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.15 343.5 Lg 09:00:37.224 -0.8 T__ --- 6955463 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU03A 0.40 60.4 Pg 09:00:41.087 0.8 T__ 125.4 --- ML 1.5 6955466 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.40 60.4 Lg 09:00:46.404 -0.3 T__ --- 6955465 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ET1H 0.56 71.8 Pg 09:00:43.984 0.3 T__ 112.9 --- ML 1.9 6955462 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.56 71.8 Lg 09:00:51.610 -0.7 T__ --- 6955467 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
A338A 0.58 302.5 Lg 09:00:51.596 -1.6 T__ --- 6955464 FDSN Z3 00 BUD iLoc HH2 ??? _
PSZ 0.59 68.6 Lg 09:00:52.441 -1.2 T__ --- 6955468 FDSN GE -- BUD iLoc HHN ??? _
VYHS 0.81 348.4 Lg 09:00:58.367 -1.5 T__ --- 6955469 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/19 09:30:27.74 0.95 1.16 48.5071 17.4711 7.0 3.2 129 0.0f 9 6 128 0.19 1.22 sx BUD 17003666 BUD 197

```





HU09A	0.57	56.8	Lg	12:27:37.542	-0.4	T__	---	6955652	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
A262A	0.91	239.8	Lg	12:27:47.280	0.5	T__	---	6955653	FDSN	Z3	00	BUD	iLoc	HHN	???	_
RONA	1.01	292.1	Lg	12:27:50.542	0.6	T__	---	6955654	FDSN	OE	--	BUD	iLoc	HHN	???	_
MODS	1.08	345.6	Sn	12:27:52.796	-2.2	T__	---	6955655	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.28	166.7	Sn	12:27:59.835	0.9	T__	---	6955656	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORH	1.30	148.9	Sn	12:28:00.693	1.2	T__	---	6955657	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/20	10:48:07.58	0.96	0.85	46.1710	18.2843	7.6	3.4	160	0.0f	9	7	157		0.15	1.12	kx	BUD	17003674	BUD			206
2021/11/20	10:48:07.59	0.95	0.68	46.1765	18.2926f				0.0f	9	7	155		0.16	1.12	kx	BUD_GT	17003675	BUD_GT			205

(locality : Komló Hungary)  
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	10:48:11.593	0.1					T__		623.3		_c_	ML	1.5	6955694	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	10:48:13.718	-0.8					T__				---		6955696	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
MORH	0.25	80.9	Pg	10:48:13.812	0.7					T__		186.2		---	ML	1.3	6955695	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	10:48:16.937	-0.6					T__				---		6955697	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
A266A	0.35	356.8	Lg	10:48:20.650	-0.3					T__				---		6955698	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A265A	0.42	305.9	Lg	10:48:22.693	-0.4					T__				---		6955699	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
HU22A	0.60	75.1	Lg	10:48:29.348	-0.8					T__				---		6955700	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
BEHE	1.09	286.2	Lg	10:48:44.623	0.4					T__				---		6955701	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.12	332.7	Sn	10:48:45.126	-1.1					T__				---		6955702	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/22	09:15:02.56	1.12	0.75	47.6253	16.6767	7.9	4.2	171	0.0f	10	7	142		0.10	1.09	sx	BUD	17003678	BUD			216

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.10	306.0	Pg	09:15:04.936	-0.0					T__		703.8		---	ML	1.4	6956120	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.10	306.0	Lg	09:15:06.343	-0.4					T__				---		6956119	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
RONA	0.27	286.3	Pg	09:15:08.428	0.2					T__		56.8		---	ML	0.8	6956117	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.27	286.3	Lg	09:15:11.346	-0.8					T__				---		6956118	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																									
CONA	0.63	299.2	Lg	09:15:23.279	-0.1					T__				---		6956124	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.85	28.1	Pg	09:15:20.935	1.0					T__				---		6956123	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.85	28.1	Lg	09:15:32.296	-0.9					T__				---		6956122	FDSN	SK	--	BUD	iLoc	HHE	???	_	
HU08A	0.87	102.5	Lg	09:15:32.920	-0.7					T__				---		6956125	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ARSA	0.87	244.8	Lg	09:15:30.159	-0.1					T__				---		6956121	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	1.09	276.8	Lg	09:15:38.131	0.9					T__				---		6956126	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/22	09:59:32.79	1.14	0.91	48.5273	20.7733	6.3	5.5	2	0.0f		14	9	86	0.16	1.29	sx	BUD	17003680	BUD			157

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	17003680

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	258.6	Pg	09:59:36.746	0.6					T__		429.7		___	ML	1.4	6956169	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	258.6	Lg	09:59:38.934	0.1					T__				---		6956173	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.20	257.1	Pg	09:59:37.286	0.3					T__		860.4		___	ML	1.8	6956170	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	257.1	Lg	09:59:40.162	-0.0					T__				---		6956174	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ABAH	0.39	126.5	Lg	09:59:47.795	0.2					T__				---		6956171	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU02A	0.44	202.3	Lg	09:59:49.210	-0.1					T__				---		6956175	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	0.85	224.3	Pg	09:59:50.522	-0.2					T__		45.5		___	ML	1.6	6956177	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.85	224.3	Lg	10:00:02.246	-1.2					T__				---		6956176	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.89	223.3	Pn	09:59:51.358	-0.0					T__		36.1		___	ML	1.6	6956180	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.89	223.3	Lg	10:00:03.193	-1.1					T__				---		6956179	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.94	340.9	Pn	09:59:53.316	0.8					T__		35.8		___	ML	1.6	6956172	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.94	340.9	Lg	10:00:03.032	-1.0					T__				---		6956178	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOLS	1.07	67.2	Lg	10:00:08.905	-1.0					T__				---		6956181	FDSN	SK	--	BUD	iLoc	HNN	???	_	
VYHS	1.29	269.2	Sn	10:00:14.697	-1.8					T__				---		6956182	FDSN	SK	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/22	10:22:11.23	1.18	1.23	48.4101	20.7762	6.6	4.5	59	0.0f		10	7	171	0.18	1.29	sx	BUD	17003682	BUD			271

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD	17003682

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	298.6	Pg	10:22:15.846	0.8					T__		365.8		_c_	ML	1.4	6956212	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	298.6	Lg	10:22:17.244	-0.8					T__				---		6956215	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.21	290.8	Pg	10:22:16.323	0.7					T__		364.1		___	ML	1.4	6956213	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	290.8	Lg	10:22:17.877	-1.1					T__				---		6956216	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.33	110.1	Lg	10:22:22.722	-1.3					T__				---		6956217	FDSN	HU	--	BUD	iLoc	HNN	???	_	
HU02A	0.33	210.3	Pg	10:22:19.557	1.1					T__		38.6		___	ML	0.8	6956214	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU02A	0.33	210.3	Lg	10:22:23.204	-1.0					T__					6956218	FDSN	ZJ	00	BUD	iLoc	HHE	???	_
	(Reading ML: 0.8 magdef=1)																						
	(Station ML: 0.8 magdef=1)																						
PSZ	0.77	230.5	Lg	10:22:37.560	-1.7					T__					6956219	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	0.81	229.1	Lg	10:22:39.228	-0.9					T__					6956220	FDSN	HU	--	BUD	iLoc	HHN	???	_
VVHS	1.29	274.4	Sn	10:22:54.640	-0.4					T__					6956221	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/22	19:42:37.03	0.97	0.64	47.8497	20.5137	6.2	3.2	111	7.3	10.1	15	10	78	0.27	1.39	ke	BUD	17003684	BUD			119

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.1	5 BUD	17003684

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.27	1.6	Pg	19:42:43.155	0.1					T__		44.0			ML	0.7	6956416	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.27	1.6	Lg	19:42:47.477	-0.3					T__						6956422	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 0.7 magdef=1)																								
	(Station ML: 0.7 magdef=0)																								
HU23A	0.28	220.3	Pg	19:42:43.183	0.0					T__		145.1			ML	1.2	6956420	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.28	220.3	Lg	19:42:48.048	0.4					T__						6956421	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.2 magdef=1)																								
	(Station ML: 1.2 magdef=1)																								
PSZ	0.42	279.6	Pg	19:42:46.266	0.0					T__		47.2			ML	1.1	6956418	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	279.6	Lg	19:42:52.032	-0.9					T__						6956423	FDSN	GE	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.1 magdef=1)																								
	(Station ML: 1.1 magdef=1)																								
ET1H	0.43	274.1	Pg	19:42:46.892	0.6					T__		34.3			ML	1.0	6956419	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.43	274.1	Lg	19:42:52.307	-0.6					T__						6956424	FDSN	HU	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.0 magdef=1)																								
	(Station ML: 1.0 magdef=1)																								
HU05A	0.52	125.1	Lg	19:42:55.419	-0.5					T__						6956429	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
BSZH	0.58	197.0	Lg	19:42:57.735	-0.1					T__						6956430	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
KECS	0.63	358.3	Lg	19:42:59.089	-0.1					T__						6956425	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.65	1.5	Pg	19:42:50.477	0.6					T__		44.8			ML	1.5	6956417	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	1.5	Lg	19:42:59.477	-0.1					T__						6956426	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 1.5 magdef=1)																								
	(Station ML: 1.5 magdef=0)																								
ABAH	0.66	47.2	Lg	19:42:59.609	-0.8					T__						6956427	FDSN	HU	--	BUD	iLoc	HHN	???	_	
TRPA	1.39	77.6	Sn	19:43:21.743	1.2					T__						6956428	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/23	09:41:03.09	3.70	0.46	48.4825	20.7648	22.4	9.3	68	0.0f		6	4	288	0.15	0.81	sx	BUD	17003686	BUD			311

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.15	275.1	Pg	09:41:06.341	0.0					T__		80.3			ML	0.6	6956652	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	275.1	Lg	09:41:09.148	0.2					T__						6956656	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
	(Reading ML: 0.6 magdef=1)																								
	(Station ML: 0.6 magdef=1)																								

KECS	0.19	270.3	Pg	09:41:06.792	-0.2					T__	204.4	---	ML	1.1	6956654	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	270.3	Lg	09:41:10.367	0.2					T__		---			6956653	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.1 magdef=1)																							
(Station ML: 1.1 magdef=1)																							
HU02A	0.39	204.0	Lg	09:41:18.612	0.5					T__		---			6956655	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.81	226.2	Lg	09:41:32.066	-0.5					T__		---			6956657	FDSN	GE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/23	09:58:21.33	0.92	0.75	48.5458	17.4246	7.2	3.2	133	0.0f		9	5	147	0.20	1.21	sx	BUD	17003688	BUD			212

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BUD	17003688

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.20	209.7	Pg	09:58:26.100	0.2					T__						6956680	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.20	209.7	Lg	09:58:28.315	-1.3					T__						6956682	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JAVC	0.35	27.4	Pg	09:58:29.126	0.2					T__	135.8			---	ML	1.4	6956681	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.35	27.4	Lg	09:58:34.231	-0.7					T__						6956683	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VVHS	0.94	92.6	Pg	09:58:40.919	0.6					T__	13.6			---	ML	1.2	6956685	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.94	92.6	Lg	09:58:53.360	-0.5					T__						6956684	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
RONA	1.14	222.2	Lg	09:58:58.655	0.1					T__						6956686	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CONA	1.21	240.0	Pg	09:58:45.773	0.6					T__	55.2			---	ML	1.9	6956688	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	1.21	240.0	Lg	09:59:01.075	0.2					T__						6956687	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/23	13:46:33.13	1.41	1.25	48.8975	20.6288	15.9	5.7	79	0.0f		8	5	168	0.41	0.78	sx	BUD	17003690	BUD			312

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	3 BUD	17003690

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.41	188.4	Pg	13:46:41.807	0.5					T__		53.2		---	ML	1.2	6956733	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.41	188.4	Lg	13:46:48.086	0.6					T__						6956738	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
KECS	0.43	192.9	Pg	13:46:42.247	0.5					T__	101.9			---	ML	1.5	6956739	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.43	192.9	Lg	13:46:47.478	-0.7					T__						6956737	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
NIE	0.56	337.6	Lg	13:46:51.274	-0.6					T__						6956734	FDSN	PL	--	BUD	iLoc	BHN	???	_	
ABAH	0.73	145.8	Lg	13:46:59.005	-0.5					T__						6956736	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU02A	0.78	185.1	Pg	13:46:49.637	0.4					T__	44.3			---	ML	1.6	6956740	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.78	185.1	Lg	13:46:58.859	-2.4					T__						6956735	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

(Station ML: 1.6 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/24	03:44:26.72	4.08	0.15	47.7267	19.6108	24.6	11.5	61	7.2	15.3	8	5	297	0.23	0.99	ke	BUD	17003694	BUD			341

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.3	3 BUD	17003694

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.23	48.9	Pg	03:44:31.911	-0.0					T__		45.3		---	ML	0.6	6956857	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.23	48.9	Lg	03:44:35.934	0.1					T__				---		6956859	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
PSZ	0.27	44.8	Pg	03:44:32.966	0.1					T__		58.0		---	ML	0.8	6956860	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.27	44.8	Lg	03:44:37.417	-0.1					T__				---		6956858	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1																									
HU23A	0.44	101.3	Lg	03:44:42.899	0.0					T__				---		6956863	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.73	56.9	Pg	03:44:41.693	-0.1					T__		42.6		---	ML	1.5	6956861	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.73	56.9	Lg	03:44:52.885	0.0					T__				---		6956862	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
JOS	0.99	38.6	Sn	03:45:00.634	0.2					T__				---		6956864	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/24	07:01:59.42	1.13	0.49	47.8922	16.0917	8.1	3.9	35	0.0f		11	7	134	0.16	1.51	sx	BUD	17003696	BUD			195

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.7	4 BUD	17003696

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	283.2	Pg	07:02:02.750	-0.1					T__		138.5		---	ML	0.9	6956911	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	283.2	Lg	07:02:04.625	-0.6					T__				---		6956916	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=1																									
RONA	0.24	144.3	Pg	07:02:04.375	-0.1					T__		48.8		---	ML	0.6	6956912	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	144.3	Lg	07:02:07.781	-0.1					T__				---		6956917	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
A011B	0.49	190.6	Lg	07:02:15.259	-0.2					T__				---		6956913	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A018A	0.70	258.1	Pg	07:02:13.954	1.0					T__		44.7		---	ML	1.5	6956915	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.70	258.1	Lg	07:02:21.704	-0.1					T__				---		6956914	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
ARSA	0.75	211.2	Lg	07:02:23.507	0.2					T__				---		6956918	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.19	9.7	Pg	07:02:22.809	0.6					T__		55.2		---	ML	1.9	6956920	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.19	9.7	Sn	07:02:39.586	-0.0					T__				---		6956921	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
CKRC	1.51	308.7	Sn	07:02:47.367	-0.4					T__				---		6956919	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/24	07:08:21.76	1.42	0.67	48.0413	16.1437	8.1	6.7	95	0.0f	7	6	154	0.22	1.03	sx	BUD	17003698	BUD				275

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.22	239.3	Pg	07:08:26.406	0.1					T__		173.3		---	ML	1.2	6956945	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.22	239.3	Lg	07:08:28.687	-0.9					T__				---		6956946	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
RONA	0.36	163.2	Lg	07:08:33.531	-0.5					T__				---		6956947	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A011B	0.65	191.2	Lg	07:08:43.125	0.5					T__				---		6956948	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A018A	0.78	247.9	Lg	07:08:47.031	0.4					T__				---		6956949	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.90	208.2	Lg	07:08:50.875	0.5					T__				---		6956950	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.03	9.2	Lg	07:08:56.968	0.0					T__				---		6956951	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/11/24	08:22:56.55	1.18	1.19	47.2585	17.6771	9.1	5.8	157	0.0f	7	5	130	0.13	1.24	sx	BUD	17003700	BUD					208

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.13	226.8	Pg	08:23:00.272	0.5					T__		306.8		---	ML	1.1	6956975	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.13	226.8	Lg	08:23:01.460	-1.2					T__				---		6956974	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
EGYH	0.28	304.2	Lg	08:23:07.325	-0.4					T__				---		6956969	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.41	75.0	Lg	08:23:11.866	-0.7					T__				---		6956970	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.21	165.9	Pn	08:23:21.117	1.6					T__		68.8		---	ML	2.0	6956972	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.21	165.9	Sn	08:23:36.367	-0.8					T__				---		6956971	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	1.24	147.2	Sn	08:23:37.450	-0.5					T__				---		6956973	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/11/24	08:38:52.18	0.86	1.23	46.9320	17.4504	3.9	3.4	104	0.0f	27	22	73	0.21	1.82	sx	BUD	17003704	BUD					84

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.0	5 BUD	17003704

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.21	275.6	Pg	08:38:56.729	-0.2					T__		13189.3		---	ML	3.0	6957102	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.21	275.6	Lg	08:38:58.823	-1.8					T__				---		6957104	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
(Reading ML: 3.0 magdef=1)																									
(Station ML: 3.0 magdef=0)																									
MPLH	0.25	14.3	Pg	08:38:58.649	0.9					T__		950.2		---	ML	2.0	6957109	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.25	14.3	Lg	08:39:01.711	-0.5					T__				---		6957112	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									

(Station ML: 2.0 magdef=1)																			
A263A	0.31	197.8	Lg	08:39:02.021	-1.7	T__				6957113	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
EGYH	0.49	350.6	Lg	08:39:08.994	-1.4	T__				6957114	FDSN	HU	--	BUD	iLoc	HHN	???	_	
A262A	0.64	264.2	Lg	08:39:12.644	-1.1	T__				6957115	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BEHE	0.66	225.4	Pg	08:39:06.912	1.3	T__	270.6		ML	2.3	6957105	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.66	225.4	Lg	08:39:14.818	0.1	T__				6957106	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A266A	0.69	125.7	Lg	08:39:16.098	-0.5	T__				6957116	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CSKK	0.70	51.7	Lg	08:39:16.866	-1.4	T__				6957117	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.95	41.6	Sn	08:39:24.933	-2.0	T__				6957120	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	0.96	151.8	Pg	08:39:12.017	0.5	T__	78.0		ML	1.9	6957129	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.96	151.8	Lg	08:39:24.267	-0.3	T__				6957119	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
KOGS	0.96	240.1	Lg	08:39:23.844	0.4	T__				6957107	FDSN	SL	--	BUD	iLoc	BHN	???	_	
SOP	0.97	321.4	Lg	08:39:24.178	-0.5	T__				6957118	FDSN	HU	--	BUD	iLoc	HHN	???	_	
SR0	1.06	33.3	Sn	08:39:28.371	-1.2	T__				6957122	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MORH	1.09	130.6	Sn	08:39:29.111	-0.7	T__				6957124	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	1.10	314.8	Lg	08:39:28.362	-0.2	T__				6957121	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO11B	1.12	295.6	Lg	08:39:28.798	0.5	T__				6957123	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ARSA	1.35	284.3	Lg	08:39:35.433	0.1	T__				6957125	FDSN	OE	--	BUD	iLoc	HHN	???	_	
PTJ	1.45	225.5	Sn	08:39:37.756	-1.5	T__				6957126	FDSN	CR	--	BUD	iLoc	BHN	???	_	
CONA	1.47	313.3	Sn	08:39:39.143	-0.3	T__				6957127	FDSN	OE	--	BUD	iLoc	HHN	???	_	
CRES	1.77	232.0	Pn	08:39:24.470	0.9	T__	66.8		ML	2.3	6957108	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.77	232.0	Sn	08:39:46.782	0.2	T__				6957128	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=1)																			
A018A	1.81	297.6	Lg	08:39:51.888	2.1	T__				6957130	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
VYHS	1.82	30.4	Sn	08:39:51.577	2.8	T__				6957110	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/24	09:58:53.66	0.89	0.98	48.4721	19.3253	6.7	3.2	10	0.0f		13	8	125	0.33	1.16	sx	BUD	17003706	BUD			157

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	17003706

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.33	274.0	Pg	09:59:01.042	0.6					T__		40.5			ML	0.8	6957171	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	274.0	Lg	09:59:05.417	-0.1					T__						6957172	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=0)																									
PSZ	0.67	145.3	Lg	09:59:17.760	-0.6					T__						6957173	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.70	148.2	Lg	09:59:18.528	-0.2					T__						6957174	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.77	88.7	Pg	09:59:09.520	0.5					T__	98.1				ML	1.9	6957168	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.77	88.7	Lg	09:59:20.113	-0.5					T__						6957175	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
JOS	0.81	87.9	Pg	09:59:10.301	0.6					T__	65.2				ML	1.8	6957169	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.81	87.9	Lg	09:59:21.301	-0.5					T__						6957176	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

HU02A	0.87	113.2	Pg	09:59:12.028	0.3	T__	59.4	---	ML	1.8	6957167	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.87	113.2	Lg	09:59:24.028	-1.2	T__		---			6957177	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
NIE	1.14	33.8	Pn	09:59:17.592	1.3	T__	36.1	---	ML	1.7	6957170	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.14	33.8	Lg	09:59:31.655	-0.2	T__		---			6957178	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
JAVC	1.16	290.1	Lg	09:59:32.699	-2.1	T__		---			6957179	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/24	10:04:39.06	1.19	1.13	48.5426	20.8307	6.3	5.3	26	0.0f		13	9	88	0.20	1.33	sx	BUD	17003708	BUD			158

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.4	4 BUD	17003708

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.20	256.5	Pg	10:04:44.062	0.8					T__		157.6		---	ML	1.1	6957213	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.20	256.5	Lg	10:04:46.312	-0.2					T__				---		6957215	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
KECS	0.24	255.6	Pg	10:04:44.640	0.6					T__		400.4		---	ML	1.6	6957214	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.24	255.6	Lg	10:04:47.453	-0.4					T__				---		6957216	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.37	132.0	Lg	10:04:53.054	-0.1					T__				---		6957217	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.47	206.0	Pg	10:04:49.614	0.6					T__		55.6		---	ML	1.3	6957219	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	206.0	Lg	10:04:55.927	-0.6					T__				---		6957218	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.88	225.4	Pn	10:04:57.179	-0.6					T__		68.0		---	ML	1.8	6957221	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	225.4	Lg	10:05:09.429	-1.6					T__				---		6957220	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	0.92	224.4	Lg	10:05:10.485	-1.4					T__				---		6957223	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.94	338.4	Lg	10:05:09.166	-1.1					T__				---		6957222	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	1.03	67.2	Lg	10:05:13.548	-1.3					T__				---		6957224	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.33	268.6	Sn	10:05:21.991	-1.7					T__				---		6957225	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/24	11:03:03.83	1.14	1.29	48.3305	18.1658	8.6	4.0	178	0.0f		9	5	186	0.48	1.60	sx	BUD	17003710	BUD			271

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.6	3 BUD	17003710

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.48	69.6	Pg	11:03:14.027	0.4					T__		26.7		---	ML	1.0	6957297	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.48	69.6	Lg	11:03:19.989	-0.8					T__				---		6957298	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									

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MODS  0.59 274.5 Pg      11:03:16.687  0.5      T__      ---      6957300  FDSN SK      -- BUD  iLoc  HHZ ??? _
MODS  0.59 274.5 Lg      11:03:24.177 -1.4      T__      ---      6957299  FDSN SK      -- BUD  iLoc  HHN ??? _
JAVC  0.62 328.3 Pg      11:03:17.593  0.8      T__      93.1     --- ML    1.8 6957293  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC  0.62 328.3 Lg      11:03:25.951 -0.7      T__      ---      6957301  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
 Station ML: 1.8 magdef=1
MORC  1.50 344.4 Lg      11:03:51.784 -0.9      T__      ---      6957294  FDSN CZ      -- BUD  iLoc  HHN ??? _
CONA  1.60 256.2 Pn      11:03:33.681  0.7      T__      69.9     --- ML    2.2 6957296  FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  1.60 256.2 Sn      11:03:57.056  2.1      T__      ---      6957295  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.2 magdef=1
 Station ML: 2.2 magdef=1

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/11/24 11:30:00.52  0.89  0.63  48.4011  17.3008  5.3  2.9 126  0.0f  11  6 125  0.03  1.07  sx BUD  17003712  BUD  181

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Magnitude  Err Nsta Author  OrigID
ML  1.7 0.2  4 BUD  17003712

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
MODS  0.03 209.7 Pg      11:30:01.593 -0.2      T__      ---      6957350  FDSN SK      -- BUD  iLoc  HHZ ??? _
MODS  0.03 209.7 Lg      11:30:03.281  0.0      T__      ---      6957351  FDSN SK      -- BUD  iLoc  HHN ??? _
JAVC  0.52 28.0 Pg      11:30:11.501  0.1      T__      128.9    --- ML    1.9 6957358  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
JAVC  0.52 28.0 Lg      11:30:18.978 -0.9      T__      ---      6957355  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.9 magdef=1
 Station ML: 1.9 magdef=1
KRUC  0.89 318.1 Pg      11:30:18.395  0.7      T__      43.1     --- ML    1.6 6957359  FDSN CZ      -- BUD  iLoc  HHZ HHZ _
KRUC  0.89 318.1 Lg      11:30:29.853 -1.0      T__      ---      6957356  FDSN CZ      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.6 magdef=1
 Station ML: 1.6 magdef=1
RONA  0.97 224.2 Pg      11:30:19.562 -0.3      T__      58.7     --- ML    1.8 6957353  FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.97 224.2 Lg      11:30:33.125  0.6      T__      ---      6957352  FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.8 magdef=1
 Station ML: 1.8 magdef=1
VYHS  1.03 84.2 Pg      11:30:21.236  0.0      T__      21.5     --- ML    1.4 6957360  FDSN SK      -- BUD  iLoc  HHZ HHZ _
VYHS  1.03 84.2 Lg      11:30:36.538  0.5      T__      ---      6957354  FDSN SK      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.4 magdef=1
 Station ML: 1.4 magdef=1
CONA  1.07 244.4 Lg      11:30:36.103  0.5      T__      ---      6957357  FDSN OE      -- BUD  iLoc  HHN ??? _

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/11/24 11:41:18.63  0.89  0.98  47.8907  20.1238  4.6  3.0 148  0.0f  16  9 100  0.16  1.05  kx BUD  17003714  BUD  151
2021/11/24 11:41:18.23  0.85  0.92  47.8650  20.1529f  0.0f  16  9 104  0.18  1.08  kx BUD_GT  17003715  BUD_GT  155

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(locality : Kiszána Hungary)
(GT info : GT2 explosion)

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Magnitude  Err Nsta Author  OrigID
ML  1.6 0.1  7 BUD_GT  17003715

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh  ACh L
PSZ  0.18 287.2 Pg      11:41:23.218  0.5      T__      609.3    _c_ ML    1.6 6957415  FDSN GE      -- BUD  iLoc  HHZ HHZ _

```

PSZ	0.18	287.2	Lg	11:41:24.968	-1.4	T__									6957420	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.19	274.4	Pg	11:41:23.390	0.7	T__	533.8								1.6	6957416	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
ET1H	0.19	274.4	Lg	11:41:25.328	-0.9	T__										6957421	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU23A	0.24	163.9	Lg	11:41:29.873	2.0	T__										6957426	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU02A	0.36	44.0	Pg	11:41:25.875	-0.2	T__	134.7									1.4	6957417	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	11:41:31.609	-0.6	T__											6957427	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU01A	0.63	214.9	Pg	11:41:32.379	0.3	T__	541.0									2.6	6957424	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.63	214.9	Lg	11:41:41.754	0.0	T__											6957423	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
KECS	0.66	19.7	Pn	11:41:33.358	-0.2	T__	76.1									1.7	6957422	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.66	19.7	Lg	11:41:40.905	-0.6	T__											6957428	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.68	22.1	Pg	11:41:31.804	-0.1	T__	58.8									1.6	6957418	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	11:41:42.038	-0.3	T__											6957429	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.85	59.0	Pn	11:41:37.346	1.2	T__	100.1									2.0	6957425	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	59.0	Lg	11:41:48.392	-0.4	T__											6957430	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
VYHS	1.08	306.0	Lg	11:41:54.269	-1.6	T__											6957419	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/24	13:16:04.38	1.08	1.23	47.5457	18.5077	6.6	3.9	102	0.0f	7	5	153	0.13	0.98		kx	BUD	17003716	BUD			248
2021/11/24	13:16:04.77	0.95	1.21	47.5600	18.4573f				0.0f	7	5	143	0.09	1.01		kx	BUD_GT	17003717	BUD_GT			256
(locality : Tatabánya Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID	Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
					HU09A	0.09	327.2	Pg	13:16:08.306	1.1					T__		1155.9			ML	1.6	6957463	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
					HU09A	0.09	327.2	Lg	13:16:09.306	-0.2					T__							6957464	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																														
(Station ML: 1.6 magdef=1)																														
					CSKK	0.24	214.2	Pg	13:16:10.546	0.5					T__		175.1			ML	1.2	6957460	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
					CSKK	0.24	214.2	Lg	13:16:13.369	-1.3					T__							6957465	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.2 magdef=1)																														
(Station ML: 1.2 magdef=1)																														
					SR0	0.27	339.1	Lg	13:16:15.250	-0.4					T__							6957461	FDSN	SK	--	BUD	iLoc	EHN	???	_
					VYHS	0.97	15.1	Lg	13:16:37.562	-1.1					T__							6957462	FDSN	SK	--	BUD	iLoc	HHN	???	_
					ET1H	1.01	71.0	Lg	13:16:38.744	-2.0					T__							6957466	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/24	14:57:53.78	0.84	0.77	47.6035	16.3680	3.8	3.2	20	0.0f		23	14	51	0.11	1.53	sx	BUD	17003718	BUD			90

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.4	8 BUD	17003718

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.11	333.3	Pg	14:57:56.500	0.2					T__		618.6		___	ML	1.4	6957509	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.11	333.3	Lg	14:57:58.000	-0.2					T__				---		6957527	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
SOP	0.15	58.1	Pg	14:57:57.625	0.4					T__		321.2		___	ML	1.2	6957508	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.15	58.1	Lg	14:57:59.937	0.2					T__				---		6957514	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
A011B	0.34	235.0	Lg	14:58:04.031	-0.9					T__				---		6957528	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A260A	0.39	144.3	Lg	14:58:07.250	-0.5					T__				---		6957515	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
CONA	0.47	313.8	Pg	14:58:03.843	0.6					T__		84.4		___	ML	1.5	6957510	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.47	313.8	Lg	14:58:09.031	-0.6					T__				---		6957529	FDSN	OE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ARSA	0.67	238.7	Lg	14:58:14.307	-1.0					T__				---		6957516	FDSN	OE	--	BUD	iLoc	HNN	???	_	
EGYH	0.68	105.6	Lg	14:58:17.180	-0.7					T__				---		6957517	FDSN	HU	--	BUD	iLoc	HNN	???	_	
A013A	0.79	305.7	Pg	14:58:09.638	0.5					T__		136.5		___	ML	2.1	6957519	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A013A	0.79	305.7	Lg	14:58:18.888	-0.5					T__				---		6957518	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A018A	0.88	279.6	Pg	14:58:12.000	1.1					T__		59.3		___	ML	1.8	6957513	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.88	279.6	Lg	14:58:22.000	-0.0					T__				---		6957530	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MPLH	0.91	118.1	Pg	14:58:13.062	1.1					T__		69.3		___	ML	1.8	6957511	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.91	118.1	Lg	14:58:24.500	-0.8					T__				---		6957520	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MODS	0.98	38.1	Pg	14:58:14.625	0.9					T__				---		6957512	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.98	38.1	Lg	14:58:27.000	-1.9					T__				---		6957521	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KOGS	1.16	184.0	Pg	14:58:16.532	-0.1					T__		79.8		___	ML	2.0	6957523	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	1.16	184.0	Lg	14:58:31.345	0.1					T__				---		6957522	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KRUC	1.46	0.7	Pn	14:58:20.951	0.1					T__		61.9		___	ML	2.1	6957525	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.46	0.7	Sn	14:58:40.264	-0.4					T__				---		6957524	FDSN	CZ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
JAVC	1.53	34.2	Sn	14:58:43.091	-0.3					T__				---		6957526	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/25	09:03:09.85	1.49	1.07	47.4366	18.3602	15.5	5.4	122	0.0f		7	6	154	0.08	1.24	sx	BUD	17003720	BUD			279

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW1	0.08	237.6	Lg	09:03:14.163	-0.2					T__						6957593	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CSKK	0.10	222.7	Pg	09:03:13.064	0.6					T__		632.2			ML	1.4	6957589	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	222.7	Lg	09:03:14.395	-0.7					T__						6957590	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
MSW3	0.17	251.5	Lg	09:03:16.805	-0.5					T__						6957595	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MSW2	0.17	217.1	Lg	09:03:16.341	-1.0					T__						6957594	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.11	16.6	Lg	09:03:47.774	-0.6					T__						6957592	FDSN	SK	--	BUD	iLoc	HHN	???	_	
MORH	1.24	170.9	Sn	09:03:50.069	-1.5					T__						6957591	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/25	10:09:37.21	1.61	1.25	48.3419	21.8617	16.4	5.2	155	0.0f		7	5	176	0.65	1.11	sx	BUD	17003722	BUD			232

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.65	24.6	Pg	10:09:50.337	0.5					T__						6957656	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.65	24.6	Lg	10:09:58.419	-2.1					T__						6957658	FDSN	SK	--	BUD	iLoc	HHN	???	_	
JOS	0.89	280.4	Pg	10:09:55.487	0.5					T__		37.6			_c_ ML	1.6	6957652	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.92	256.7	Pg	10:09:56.122	-0.0					T__		46.8			ML	1.7	6957653	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.92	256.7	Lg	10:10:09.870	-0.8					T__						6957654	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.93	279.3	Lg	10:10:09.043	-0.5					T__						6957657	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MEZ	1.11	80.5	Lg	10:10:15.599	-0.6					T__						6957655	FDSN	UA	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/25	10:11:17.87	1.53	1.23	48.3125	21.9379	14.9	5.0	157	0.0f		11	8	137	0.37	1.07	sx	BUD	17003724	BUD			180

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HOLU	0.37	54.0	Lg	10:11:30.308	-1.5					T__						6957708	FDSN	UA	--	BUD	iLoc	MHZ	???	_	
ABAH	0.47	268.2	Lg	10:11:33.501	-2.0					T__						6957709	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOLS	0.66	19.6	Pg	10:11:31.524	0.9					T__						6957700	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.66	19.6	Lg	10:11:39.879	-1.6					T__						6957704	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU05A	0.93	215.6	Lg	10:11:51.658	0.1					T__						6957710	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
JOS	0.95	281.7	Pg	10:11:37.182	0.5					T__		68.4			ML	1.9	6957701	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.95	281.7	Lg	10:11:50.825	-0.1					T__						6957705	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU02A	0.96	259.1	Pn	10:11:38.240	0.7					T__		65.3			ML	1.9	6957702	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	259.1	Lg	10:11:51.883	-0.9					T__						6957706	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	0.98	280.6	Lg	10:11:52.171	-0.5					T__						6957707	FDSN	SK	--	BUD	iLoc	EHN	???	_	
MEZ	1.07	78.5	Lg	10:11:53.693	-1.0					T__						6957703	FDSN	UA	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/25	10:45:30.45	3.70	0.36	46.8128	22.8282	38.2	15.4	6	0.0f		8	5	258	0.08	1.51	sx	BUD	17003726	BUD			286

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	3 BUD	17003726

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.08	255.2	Pg	10:45:32.486	-0.0					T__		179.7		___	ML	0.8	6957733	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.08	255.2	Lg	10:45:34.535	0.1					T__				---		6957735	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
SIRR	0.97	236.4	Lg	10:46:03.601	-0.4					T__				---		6957736	FDSN	RO	--	BUD	iLoc	HNN	???	_	
GZR	1.42	181.5	Pn	10:45:57.446	0.4					T__		41.3		---	ML	1.9	6957734	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.42	181.5	Sn	10:46:17.434	0.2					T__				---		6957737	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
BZS	1.46	215.5	Sn	10:46:18.042	0.3					T__				---		6957738	FDSN	RO	--	BUD	iLoc	HNN	???	_	
LOT	1.51	154.0	Pn	10:45:58.637	0.0					T__		50.0		---	ML	2.0	6957740	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.51	154.0	Sn	10:46:19.682	-0.4					T__				---		6957739	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/25	12:15:23.17	0.95	1.02	48.5483	20.7975	4.7	3.7	10	0.0f		15	9	88	0.18	1.31	sx	BUD	17003730	BUD			159

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	6 BUD	17003730

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	253.1	Pg	12:15:27.272	0.3					T__		268.9		___	ML	1.2	6957848	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	253.1	Lg	12:15:30.233	0.3					T__				---		6957851	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
KECS	0.22	252.7	Pg	12:15:27.853	0.1					T__		773.7		___	ML	1.8	6957849	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	252.7	Lg	12:15:31.476	0.2					T__				---		6957852	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.39	130.4	Pg	12:15:31.952	0.8					T__		71.5		___	ML	1.2	6957850	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	130.4	Lg	12:15:36.645	-1.3					T__				---		6957853	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.46	203.2	Pg	12:15:33.469	0.5					T__		47.6		___	ML	1.3	6957855	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	203.2	Lg	12:15:40.026	-0.5					T__				---		6957854	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.87	224.1	Pn	12:15:42.013	0.2					T__		70.6		___	ML	1.8	6957859	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	224.1	Lg	12:15:53.700	-1.0					T__				---		6957858	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									

ET1H	0.91	223.1	Lg	12:15:54.669	-0.9	T__									6957860	FDSN	HU	--	BUD	iLoc	HHN	???	_		
NIE	0.93	339.5	Pg	12:15:41.228	0.5	T__					34.9			---	ML	1.6	6957856	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.93	339.5	Lg	12:15:53.232	-0.7	T__								---		6957857	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KOLS	1.05	67.9	Lg	12:15:57.299	-2.2	T__								---		6957861	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.31	268.3	Sn	12:16:05.968	-1.3	T__								---		6957862	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/26	09:05:20.70	3.89	0.05	48.4909	20.7431	24.6	10.0	60	0.0f		5	3	289	0.14	0.40	sx	BUD	17003732	BUD			355

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.14	272.1	Pg	09:05:23.658	0.0					T__		58.9		---	ML	0.4	6957991	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	272.1	Lg	09:05:26.064	0.0					T__				---		6957989	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
KECS	0.17	267.5	Pg	09:05:24.333	-0.0					T__		188.5		---	ML	1.1	6957992	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.17	267.5	Lg	09:05:27.248	-0.0					T__				---		6957990	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU02A	0.40	201.6	Lg	09:05:35.818	0.0					T__				---		6957993	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/26	09:16:09.83	3.75	1.13	46.8176	22.7779	23.8	10.0	18	0.0f		7	4	299	0.05	1.45	sx	BUD	17003734	BUD			333

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.05	240.5	Pg	09:16:11.383	0.1					T__		301.2		---	ML	0.9	6958013	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.05	240.5	Lg	09:16:12.744	0.0					T__				---		6958015	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
SIRR	0.95	234.9	Lg	09:16:41.562	-1.0					T__				---		6958016	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.42	180.0	Pg	09:16:36.832	-0.0					T__		75.2		---	ML	2.2	6958018	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.42	180.0	Sn	09:16:55.287	-1.4					T__				---		6958017	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.42	180.0	Lg	09:16:56.874	0.3					T__				---		6958014	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BZS	1.45	214.3	Sn	09:16:58.051	1.4					T__				---		6958019	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/26	09:23:16.81	1.03	1.07	47.4069	18.7232	8.5	3.4	158	0.0f		14	10	184	0.22	1.09	kx	BUD	17003736	BUD			195
2021/11/26	09:23:17.02	0.89	1.01	47.4680	18.6970f				0.0f		14	10	157	0.22	1.03	kx	BUD_GT	17003737	BUD_GT			181

(locality : Etyek Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

ML 1.4 0.2 4 BUD\_GT 17003737

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BUD	0.22	85.9	Lg	09:23:25.516	-0.9					T__						6958076	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.27	308.8	Lg	09:23:29.384	1.3					T__						6958078	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW1	0.31	256.0	Pg	09:23:24.432	0.8					T__		160.4		---	ML	1.4	6958083	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.31	256.0	Lg	09:23:28.501	-0.8					T__						6958084	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
CSKK	0.31	250.7	Pg	09:23:24.544	0.8					T__		171.1		---	ML	1.4	6958074	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.31	250.7	Lg	09:23:28.124	-1.5					T__						6958077	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW2	0.37	243.5	Pg	09:23:25.349	0.5					T__		65.9		---	ML	1.1	6958086	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.37	243.5	Lg	09:23:29.897	-1.5					T__						6958085	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MSW3	0.40	257.8	Lg	09:23:31.613	-0.7					T__						6958087	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.84	249.7	Lg	09:23:45.189	-1.3					T__						6958075	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	0.89	62.2	Lg	09:23:49.030	-0.2					T__						6958079	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.93	60.4	Pg	09:23:37.237	0.6					T__		58.3		---	ML	1.8	6958081	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.93	60.4	Lg	09:23:49.514	-1.2					T__						6958080	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
VVHS	1.03	5.1	Sn	09:23:54.242	-0.2					T__						6958082	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/11/26	09:27:24.00	1.03	0.70	46.2006	18.2623	8.8	3.8	149	0.0f		6	4	138	0.16	1.16	kx	BUD	17003738	BUD			273		
2021/11/26	09:27:24.07	1.00	0.84	46.1765	18.2926f				0.0f		6	4	155	0.16	1.19	kx	BUD_GT	17003739	BUD_GT			275		
(locality : Komló Hungary)																								
(GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.16	236.7	Pg	09:27:28.169	0.2					T__		486.1		_c_	ML	1.4	6958126	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.16	236.7	Lg	09:27:30.324	-0.7					T__						6958127	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MORH	0.25	80.9	Pg	09:27:30.268	0.7					T__		189.4		---	ML	1.3	6958125	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.25	80.9	Lg	09:27:33.718	-0.3					T__						6958128	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
A266A	0.35	356.8	Lg	09:27:36.200	-1.3					T__						6958129	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CSKK	1.19	358.9	Sn	09:28:03.705	-0.9					T__						6958130	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/26	09:31:05.49	0.92	1.08	48.4068	19.5341	5.5	3.7	18	0.0f		11	8	124	0.47	1.32	sx	BUD	17003740	BUD			151

Magnitude Err Nsta Author OrigID

ML 1.6 0.0 3 BUD 17003740

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
VYHS	0.47	280.9	Pg	09:31:15.682	0.5					T__		21.8		___	ML	1.0	6958161	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.47	280.9	Lg	09:31:21.446	-0.9					T__				---		6958160	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
PSZ	0.55	153.6	Pg	09:31:17.709	0.4					T__		69.0		___	ML	1.6	6958162	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.55	153.6	Lg	09:31:25.165	-0.7					T__				---		6958158	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.57	156.7	Lg	09:31:26.425	0.0					T__				---		6958159	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.64	82.8	Lg	09:31:27.676	-0.3					T__				---		6958163	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.68	82.0	Pg	09:31:19.414	0.5					T__		61.9		___	ML	1.7	6958156	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	82.0	Lg	09:31:28.642	-0.5					T__				---		6958164	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.72	112.9	Lg	09:31:30.830	-0.9					T__				---		6958157	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	1.13	26.2	Lg	09:31:43.130	-0.2					T__				---		6958165	FDSN	PL	--	BUD	iLoc	BHN	???	_	
JAVC	1.32	290.8	Sn	09:31:48.249	-2.5					T__				---		6958166	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/26	09:39:15.16	0.94	1.08	47.7200	18.5336	5.0	3.6	132	0.0f		14	11	127	0.13	1.40	sx	BUD	17003742	BUD			151

Magnitude Err Nsta Author OrigID  
ML 1.9 0.2 3 BUD 17003742

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU09A	0.13	231.5	Pg	09:39:19.146	0.8					T__		2264.8		_c_	ML	2.0	6958211	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.13	231.5	Lg	09:39:20.613	-0.6					T__				---		6958213	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
SRO	0.18	302.2	Lg	09:39:22.395	-0.3					T__				---		6958212	FDSN	SK	--	BUD	iLoc	EHN	???	_	
A338A	0.32	337.6	Lg	09:39:27.130	-0.6					T__				---		6958214	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
CSKK	0.40	207.5	Lg	09:39:29.556	-1.1					T__				---		6958215	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	0.80	14.6	Lg	09:39:43.337	0.0					T__				---		6958216	FDSN	SK	--	BUD	iLoc	HHN	???	_	
EGYH	0.87	250.0	Lg	09:39:44.438	-1.0					T__				---		6958217	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	0.87	231.2	Pg	09:39:33.230	0.6					T__		82.1		___	ML	1.9	6958219	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.87	231.2	Lg	09:39:44.758	-0.7					T__				---		6958218	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	0.92	79.5	Pn	09:39:34.492	0.3					T__		61.1		___	ML	1.8	6958221	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.92	79.5	Lg	09:39:47.183	-0.8					T__				---		6958220	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.94	77.3	Lg	09:39:48.228	-1.0					T__				---		6958222	FDSN	GE	--	BUD	iLoc	HHN	???	_	
MODS	1.07	308.3	Lg	09:39:51.539	-1.6					T__				---		6958223	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	1.40	72.5	Sn	09:40:03.398	2.0					T__				---		6958224	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2021/11/26 17:27:58.86 1.13 0.71 46.1683 17.3162 7.0 6.1 71 8.4 8.1 11 7 119 0.02 0.92 ke BUD 17003744 BUD 165

Magnitude Err Nsta Author OrigID  
ML 1.7 0.1 4 BUD 17003744

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A264A	0.02	244.9	Pg	17:28:00.509	-0.1					T__		1487.3		_c_	ML	1.5 6958406	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.02	244.9	Lg	17:28:01.718	-0.3					T__						6958412	FDSN	Z3	00	BUD	iLoc	HHE	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
A265A	0.42	52.2	Pg	17:28:07.350	-0.2					T__		184.9		---	ML	1.7 6958407	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.42	52.2	Lg	17:28:13.752	0.2					T__				---		6958409	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
A273A	0.43	125.7	Lg	17:28:14.924	1.4					T__				---		6958408	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A263A	0.47	359.9	Lg	17:28:15.492	0.3					T__				---		6958414	FDSN	Z3	00	BUD	iLoc	HHN	???	_
KOVH	0.55	98.1	Pg	17:28:09.726	-0.3					T__		60.5		---	ML	1.6 6958410	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.55	98.1	Lg	17:28:17.125	-0.5					T__				---		6958413	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
KOGS	0.79	291.1	Lg	17:28:25.488	0.9					T__				---		6958411	FDSN	SL	--	BUD	iLoc	BHN	???	_
MORH	0.92	86.6	Pn	17:28:16.339	-0.2					T__		59.2		_c_	ML	1.8 6958405	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.92	86.6	Lg	17:28:29.484	0.2					T__				---		6958415	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/11/27 02:05:28.75 1.82 0.27 47.3923 18.1910 20.3 6.6 107 9.0f 6 3 277 0.05 0.09 ke BUD 17003746 BUD 327

Magnitude Err Nsta Author OrigID  
ML 0.3 0.2 3 BUD 17003746

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MSW1	0.05	89.2	Pg	02:05:30.939	0.1					T__		82.8		---	ML	0.3 6958443	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.05	89.2	Lg	02:05:32.624	-0.2					T__				---		6958442	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.3 magdef=1)																								
(Station ML: 0.3 magdef=1)																								
CSKK	0.06	121.7	Pg	02:05:31.090	0.1					T__		58.6		---	ML	0.2 6958440	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	121.7	Lg	02:05:32.976	-0.0					T__				---		6958441	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.2 magdef=1)																								
(Station ML: 0.2 magdef=1)																								
MSW2	0.09	171.5	Pg	02:05:31.593	0.2					T__		92.9		---	ML	0.5 6958444	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.09	171.5	Lg	02:05:33.429	-0.4					T__				---		6958445	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.5 magdef=1)																								
(Station ML: 0.5 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/11/27 13:01:04.77 1.32 0.80 45.7445 16.8920 9.2 4.0 177 8.7 10.6 21 13 106 0.50 1.78 ke BUD 17003748 BUD 200

Magnitude Err Nsta Author OrigID

ML	2.1	0.2	8	BUD	17003748																				
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
A264A	0.50	33.6	Pg	13:01:14.981	-0.0					T__		272.6		---	ML	2.1	6958669	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.50	33.6	Lg	13:01:22.139	0.4					T__				---		6958677	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
ZAG	0.64	277.7	Lg	13:01:27.238	1.1					T__				---		6958670	FDSN	CR	--	BUD	iLoc	BHN	???	_	
PTJ	0.67	284.5	Pg	13:01:17.925	-0.1					T__		107.1		---	ML	1.9	6958679	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.67	284.5	Lg	13:01:26.773	-0.9					T__				---		6958671	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A273A	0.67	74.8	Pg	13:01:18.208	0.1					T__		324.7		---	ML	2.4	6958683	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.67	74.8	Lg	13:01:27.555	0.8					T__				---		6958684	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
BEHE	0.73	353.7	Pg	13:01:19.548	0.4					T__		284.6		---	ML	2.4	6958666	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.73	353.7	Lg	13:01:29.238	0.1					T__				---		6958672	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
KOGS	0.83	327.8	Pg	13:01:20.854	0.0					T__		150.9		---	ML	2.1	6958680	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.83	327.8	Lg	13:01:32.022	0.1					T__				---		6958673	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
KOVH	0.91	67.4	Pg	13:01:21.898	-0.6					T__		51.5		---	ML	1.7	6958681	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.91	67.4	Lg	13:01:33.888	-0.6					T__				---		6958682	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
A265A	0.93	42.4	Lg	13:01:34.495	-0.5					T__				---		6958685	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CRES	1.01	275.2	Pn	13:01:24.724	0.1					T__		108.1		---	ML	2.1	6958665	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.01	275.2	Lg	13:01:38.367	-0.5					T__				---		6958674	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BLY	1.02	168.2	Sn	13:01:40.575	1.5					T__				---		6958667	FDSN	MN	--	BUD	iLoc	HHN	???	_	
A266A	1.23	50.2	Lg	13:01:43.988	-0.7					T__				---		6958678	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MORH	1.31	68.3	Pn	13:01:28.705	0.7					T__		45.4		---	ML	1.9	6958675	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.31	68.3	Sn	13:01:46.062	0.4					T__				---		6958676	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ARSA	1.78	328.4	Lg	13:01:58.883	-1.7					T__				---		6958668	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/28	04:39:20.77	3.43	0.21	47.2614	18.1976	17.5	7.8	9	3.7	17.4	8	4	315	0.04	0.14	ke	BUD	17003750	BUD			349

Magnitude	Err	Nsta	Author	OrigID
ML	0.6	0.2	4 BUD	17003750

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MSW2	0.04	12.4	Pg	04:39:22.077	-0.1					T__		180.2		_d	ML	0.7	6958951	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.04	12.4	Lg	04:39:23.573	0.1					T__				---		6958950	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									

CSKK	0.11	22.8	Pg	04:39:23.411	0.0	T__	103.3	_d_ ML	0.6	6958944	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.11	22.8	Lg	04:39:26.001	0.3	T__		---		6958945	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.6 magdef=1)														
				(Station ML: 0.6 magdef=1)														
MSW3	0.13	338.2	Pg	04:39:23.738	0.0	T__	53.1	___ ML	0.4	6958948	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.13	338.2	Lg	04:39:26.253	-0.0	T__		---		6958949	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.4 magdef=1)														
				(Station ML: 0.4 magdef=1)														
MSW1	0.14	17.6	Pg	04:39:23.839	-0.0	T__	140.7	___ ML	0.8	6958947	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.14	17.6	Lg	04:39:26.353	-0.3	T__		---		6958946	FDSN	HU	--	BUD	iLoc	HHN	???	_
				(Reading ML: 0.8 magdef=1)														
				(Station ML: 0.8 magdef=1)														

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/29	07:22:57.32	0.94	1.09	47.3166	18.3734	5.3	4.0	128	0.0f		15	10	109	0.09	1.29	kx	BUD	17003752	BUD			128
2021/11/29	07:22:57.57	0.89	1.08	47.3167	18.3081f				0.0f		15	10	106	0.06	1.27	kx	BUD_GT	17003753	BUD_GT			138
(locality : Magyaralmás Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 BUD_GT	17003753

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	07:23:00.640	1.2					T__		1844.1		___	ML	1.7	6958985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	07:23:01.050	-0.3					T__				---		6958987	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
HU09A	0.33	8.9	Lg	07:23:09.838	-0.7					T__				---		6958991	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.54	254.6	Pg	07:23:10.186	1.4					T__		57.1		___	ML	1.6	6958988	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.54	254.6	Lg	07:23:16.373	-0.9					T__				---		6958992	FDSN	HU	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.6 magdef=1)																					
				(Station ML: 1.6 magdef=1)																					
HU10A	0.71	42.0	Pg	07:23:11.519	-0.9					T__		66.1		___	ML	1.7	6958989	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.71	42.0	Lg	07:23:22.465	-1.6					T__				---		6958993	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
MORH	1.13	168.1	Lg	07:23:35.297	-1.0					T__				---		6958994	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.20	61.4	Sn	07:23:37.617	-1.0					T__				---		6958995	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.23	16.6	Sn	07:23:38.706	-1.2					T__				---		6958998	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.23	60.1	Pn	07:23:21.994	0.9					T__		40.0		___	ML	1.8	6958986	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.23	60.1	Sn	07:23:38.731	-1.2					T__				---		6958997	FDSN	GE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
KOVH	1.24	186.7	Sn	07:23:38.178	-1.0					T__				---		6958996	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.24	186.7	Lg	07:23:40.187	-0.2					T__				---		6958990	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.27	327.1	Sn	07:23:39.481	-1.2					T__				---		6958999	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/11/29	09:04:53.93	3.45	0.91	48.0317	16.1442	22.7	8.2	26	0.0f		7	5	219	0.22	1.45	sx	BUD	17003754	BUD					274

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.22	241.5	Pg	09:04:58.322	-0.1					T__		64.8		---	ML	0.7	6959023	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.22	241.5	Lg	09:05:00.966	-0.6					T__				---		6959026	FDSN	OE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=1)																					
RONA	0.35	162.8	Lg	09:05:05.800	-0.1					T__				---		6959027	FDSN	OE	--	BUD	iLoc	HNN	???	_	
A018A	0.77	248.5	Pg	09:05:09.406	0.5					T__		40.0		---	ML	1.5	6959024	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.77	248.5	Lg	09:05:19.242	0.6					T__				---		6959028	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.5 magdef=1)																					
				(Station ML: 1.5 magdef=1)																					
ARSA	0.89	208.5	Lg	09:05:22.758	0.5					T__				---		6959029	FDSN	OE	--	BUD	iLoc	HNN	???	_	
CKRC	1.45	303.5	Sn	09:05:39.549	-1.4					T__				---		6959025	FDSN	CZ	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/29	09:06:46.02	0.92	0.62	47.8971	19.8563	4.4	2.9	36	0.0f		11	8	121	0.02	1.01	sx	BUD	17003756	BUD			206

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BUD	17003756

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ET1H	0.02	150.7	Pg	09:06:47.252	0.3					T__		2127.3		_c	ML	1.7	6959056	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.02	150.7	Lg	09:06:47.853	-0.2					T__				---		6959057	FDSN	HU	--	BUD	iLoc	HHE	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
PSZ	0.03	50.3	Pg	09:06:48.132	0.7					T__		1005.3		_c	ML	1.4	6959054	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.03	50.3	Lg	09:06:49.202	0.2					T__				---		6959058	FDSN	GE	--	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.4 magdef=1)																					
				(Station ML: 1.4 magdef=1)																					
HU03A	0.17	272.3	Pg	09:06:50.220	0.2					T__		216.6		---	ML	1.1	6959055	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.17	272.3	Lg	09:06:52.993	-0.2					T__				---		6959060	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
				(Reading ML: 1.1 magdef=1)																					
				(Station ML: 1.1 magdef=1)																					
HU02A	0.50	63.1	Lg	09:07:04.201	-0.7					T__				---		6959059	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
KECS	0.72	35.4	Lg	09:07:11.073	-0.4					T__				---		6959061	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	0.75	37.1	Lg	09:07:12.169	-0.4					T__				---		6959062	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
VVHS	0.91	311.6	Lg	09:07:16.969	-0.7					T__				---		6959063	FDSN	SK	--	BUD	iLoc	HNN	???	_	
ABAH	1.01	66.2	Lg	09:07:20.896	-1.0					T__				---		6959064	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/29	10:02:22.59	0.96	1.74	48.4992	17.4382	7.0	3.8	149	0.0f		7	5	130	0.17	1.20	sx	BUD	17003758	BUD			197

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.17	220.5	Pg	10:02:26.199	-0.3					T__				---		6959085	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.17	220.5	Lg	10:02:28.459	-1.4					T__				---		6959088	FDSN	SK	--	BUD	iLoc	HNN	???	_
JAVC	0.39	23.1	Lg	10:02:35.464	-2.1					T__				---		6959091	FDSN	CZ	--	BUD	iLoc	HNN	???	_
KRUC	0.89	309.6	Lg	10:02:53.764	1.0					T__				---		6959086	FDSN	CZ	--	BUD	iLoc	HNN	???	_

```

VYHS 0.93 89.8 Pg 10:02:42.142 0.8 T__ 14.2 ___ ML 1.2 6959090 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.93 89.8 Lg 10:02:54.781 -0.1 T__ ___ 6959089 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
CONA 1.20 242.1 Lg 10:03:03.792 2.1 T__ ___ 6959087 FDSN OE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/29 10:09:12.69 0.96 1.15 47.3564 18.4276 4.8 3.8 104 0.0f 20 14 111 0.11 1.29 sx BUD 17003760 BUD 113

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 6 BUD 17003760

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.11 273.5 Pg 10:09:16.000 0.4 T__ 3918.9 ___ ML 2.2 6959154 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.11 273.5 Lg 10:09:17.216 -1.2 T__ ___ 6959155 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=0
MSW1 0.12 287.8 Pg 10:09:16.739 1.0 T__ 1843.5 ___ ML 1.9 6959167 FDSN HU -- BUD iLoc HHZ HHZ _
MSW1 0.12 287.8 Lg 10:09:17.839 -0.8 T__ ___ 6959168 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MSW2 0.16 249.9 Lg 10:09:18.736 -1.1 T__ 6959169 FDSN HU -- BUD iLoc HHN ??? _
MSW3 0.21 277.6 Pg 10:09:17.921 0.6 T__ 482.7 ___ ML 1.6 6959170 FDSN HU -- BUD iLoc HHZ HHZ _
MSW3 0.21 277.6 Lg 10:09:20.530 -0.9 T__ ___ 6959171 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU09A 0.28 353.8 Lg 10:09:23.346 -0.8 T__ 6959156 FDSN ZJ 00 BUD iLoc HHN ??? _
A267A 0.41 174.8 Lg 10:09:27.554 -0.8 T__ 6959157 FDSN Z3 00 BUD iLoc HHE ??? _
SRO 0.46 350.4 Lg 10:09:29.391 -1.0 T__ 6959158 FDSN SK -- BUD iLoc EHN ??? _
HU10A 0.63 39.1 Lg 10:09:35.126 -1.1 T__ 6959160 FDSN ZJ 00 BUD iLoc HHN ??? _
MPLH 0.63 253.2 Pg 10:09:26.999 1.3 T__ 87.4 ___ ML 1.8 6959152 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.63 253.2 Lg 10:09:34.005 -1.3 T__ ___ 6959159 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 1.11 61.3 Pn 10:09:35.988 1.6 T__ 41.6 ___ ML 1.7 6959153 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.11 61.3 Sn 10:09:50.556 -1.0 T__ ___ 6959161 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
PSZ 1.14 59.9 Pn 10:09:36.207 1.2 T__ 53.0 ___ ML 1.9 6959163 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.14 59.9 Sn 10:09:51.859 -1.0 T__ ___ 6959162 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.15 172.5 Lg 10:09:50.770 -1.5 T__ 6959164 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.17 13.4 Sn 10:09:52.442 -1.1 T__ 6959165 FDSN SK -- BUD iLoc HHN ??? _
KOVH 1.29 190.2 Sn 10:09:56.136 0.5 T__ ___ 6959166 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/29 10:26:18.51 0.93 0.93 47.8717 19.1618 8.7 3.7 172 0.0f 12 9 165 0.10 1.36 kx BUD 17003762 BUD 203
2021/11/29 10:26:18.38 0.92 1.20 47.8355 19.1270f 0.0f 12 9 192 0.07 1.35 kx BUD_GT 17003763 BUD_GT 209
(locality : Sejce-Vác Hungary)

```

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.1 3 BUD\_GT 17003763

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU10A	0.07	277.6	Pg	10:26:21.371	1.0					T__		2232.8		---	ML	1.9	6959206	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	10:26:22.376	0.1					T__				---		6959208	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
HU03A	0.33	77.7	Lg	10:26:30.315	-0.5					T__				---		6959209	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.50	84.8	Lg	10:26:36.063	-1.0					T__				---		6959210	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.52	80.6	Lg	10:26:36.734	-1.5					T__				---		6959211	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VYHS	0.69	343.6	Lg	10:26:41.648	-1.0					T__				---		6959212	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.5	Pn	10:26:38.645	0.2					T__		35.4		---	ML	1.6	6959214	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	10:26:51.812	-2.4					T__				---		6959213	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	1.12	54.0	Sn	10:26:56.053	-1.4					T__				---		6959215	FDSN	SK	--	BUD	iLoc	EHN	???	_	
JOS	1.15	54.5	Pg	10:26:41.752	0.5					T__		33.4		---	ML	1.7	6959207	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Sn	10:26:56.822	-1.5					T__				---		6959216	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MODS	1.35	294.2	Sn	10:27:03.158	-0.7					T__				---		6959217	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/11/29 11:00:20.99 0.96 0.76 48.1414 16.9652 8.9 3.3 132 0.0f 14 11 149 0.31 1.33 sx BUD 17003764 BUD 181

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MODS	0.31	41.8	Pg	11:00:28.201	0.4					T__				---		6959246	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.31	41.8	Lg	11:00:32.722	-0.6					T__				---		6959248	FDSN	SK	--	BUD	iLoc	HHN	???	_	
RONA	0.63	225.8	Pg	11:00:33.370	-0.3					T__		46.4		---	ML	1.5	6959250	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.63	225.8	Lg	11:00:41.196	-0.9					T__				---		6959249	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
CONA	0.77	254.3	Lg	11:00:45.730	-0.7					T__				---		6959251	FDSN	OE	--	BUD	iLoc	HHN	???	_	
JAVC	0.86	32.9	Lg	11:00:51.160	-0.7					T__				---		6959252	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
KRUC	1.00	337.9	Lg	11:00:54.333	-0.5					T__				---		6959254	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
A011B	1.00	223.2	Lg	11:00:54.506	1.5					T__				---		6959253	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A013A	1.05	266.3	Lg	11:00:54.817	0.1					T__				---		6959255	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
VRAC	1.19	348.2	Lg	11:01:01.722	0.6					T__				---		6959247	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	1.30	73.5	Sn	11:01:04.577	-0.4					T__				---		6959259	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	1.32	228.1	Pn	11:00:45.666	-0.6					T__		70.0		---	ML	2.1	6959257	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	1.32	228.1	Lg	11:01:03.169	0.1					T__				---		6959256	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
A018A	1.33	253.3	Lg	11:01:04.263	0.8					T__				---		6959258	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp				
2021/11/29	11:12:51.03	0.80	1.00	47.1028	18.3476	3.8	3.2	55	0.0f		28	19	52	0.18	1.79	sx	BUD	17003766	BUD			75				
Magnitude	Err	Nsta	Author	OrigID																						
ML	2.0	0.1	9	BUD	17003766																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
A267A	0.18	149.5	Pg	11:12:56.071	0.9					T__		7877.7		___	ML	2.7	6959309	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A267A	0.18	149.5	Lg	11:12:57.764	-1.1					T__				---		6959310	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.7 magdef=1)																										
(Station ML: 2.7 magdef=0)																										
CSSK	0.27	347.2	Pg	11:12:57.224	0.3					T__		330.8		---	ML	1.6	6959308	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSSK	0.27	347.2	Lg	11:13:01.348	-0.8					T__				---		6959311	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										
A271A	0.34	80.9	Lg	11:13:03.987	-0.5					T__				---		6959312	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
HU09A	0.54	2.5	Pg	11:13:02.908	0.8					T__		149.7		---	ML	2.0	6959315	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU09A	0.54	2.5	Lg	11:13:10.258	-1.1					T__				---		6959314	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
A272A	0.55	130.0	Lg	11:13:10.794	-1.0					T__				---		6959316	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
MPLH	0.56	277.3	Pg	11:13:02.946	0.4					T__		141.3		---	ML	2.0	6959313	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MPLH	0.56	277.3	Lg	11:13:10.073	-1.1					T__				---		6959331	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
EGYH	0.76	294.8	Lg	11:13:16.935	-1.0					T__				---		6959317	FDSN	HU	--	BUD	iLoc	HHN	???	_		
A265A	0.78	209.4	Lg	11:13:17.453	-0.2					T__				---		6959332	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
A261A	0.83	260.0	Lg	11:13:19.002	-0.7					T__				---		6959318	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
A263A	0.85	237.3	Lg	11:13:19.261	-0.6					T__				---		6959319	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
MORH	0.91	167.0	Pg	11:13:10.159	0.9					T__		59.2		---	ML	1.8	6959307	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	0.91	167.0	Lg	11:13:22.062	-0.6					T__				---		6959333	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
HU22A	0.94	144.9	Lg	11:13:23.332	-1.7					T__				---		6959320	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
KOVH	1.03	189.6	Lg	11:13:25.627	-1.5					T__				---		6959321	FDSN	HU	--	BUD	iLoc	HHN	???	_		
HU03A	1.17	46.2	Pn	11:13:14.386	1.0					T__		80.5		---	_c_	ML	2.1	6959322	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.17	46.2	Sn	11:13:30.967	-0.2					T__				---		6959334	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1)																										
(Station ML: 2.1 magdef=1)																										
BEHE	1.25	240.2	Lg	11:13:32.949	0.5					T__				---		6959323	FDSN	HU	--	BUD	iLoc	HHN	???	_		
ET1H	1.29	52.5	Sn	11:13:33.650	-0.7					T__				---		6959324	FDSN	HU	--	BUD	iLoc	HHN	???	_		
PSZ	1.33	51.5	Pn	11:13:16.246	0.3					T__		60.0		---	ML	2.0	6959325	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_	
PSZ	1.33	51.5	Sn	11:13:35.071	-0.6					T__				---		6959326	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										
VYHS	1.43	13.1	Pn	11:13:19.187	1.9					T__		13.3		---	ML	1.4	6959328	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_	
VYHS	1.43	13.1	Sn	11:13:38.117	-0.1					T__				---		6959327	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1)																										
(Station ML: 1.4 magdef=0)																										
HU02A	1.79	54.5	Pg	11:13:27.232	0.0					T__		28.6		---	ML	2.0	6959330	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU02A	1.79	54.5	Sn	11:13:48.490	1.9					T__				---		6959329	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1)																										
(Station ML: 2.0 magdef=1)																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/29	12:18:39.91	1.01	1.18	47.9897	16.6527	5.7	4.5	124	0.0f	15	13	73	0.38	1.57	sx	BUD	17003768	BUD				120

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.3	4 BUD	17003768

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.38	219.7	Pg	12:18:47.445	-0.2					T__		67.5		___	ML	1.2	6959399	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.38	219.7	Lg	12:18:51.622	-1.2					T__				---		6959402	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CONA	0.54	263.7	Pg	12:18:50.909	0.3					T__		57.9		___	ML	1.6	6959398	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.54	263.7	Lg	12:18:56.779	-1.0					T__				---		6959403	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MODS	0.57	47.2	Lg	12:19:00.667	-0.2					T__				---		6959404	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A011B	0.75	219.1	Lg	12:19:05.137	1.2					T__				---		6959405	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A013A	0.84	275.5	Lg	12:19:06.871	-0.1					T__				---		6959406	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	1.02	143.5	Lg	12:19:14.499	-0.5					T__				---		6959407	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.06	226.4	Lg	12:19:14.292	0.5					T__				---		6959400	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.09	351.0	Lg	12:19:16.838	0.0					T__				---		6959401	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
A018A	1.09	257.5	Pg	12:19:01.599	0.6					T__		47.0		---	ML	1.8	6959408	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JAVC	1.10	37.6	Pn	12:19:02.173	-0.1					T__		69.0		___	ML	2.0	6959409	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
TREC	1.52	329.8	Sn	12:19:28.624	0.4					T__				---		6959410	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
VYHS	1.54	70.1	Sn	12:19:33.103	3.3					T__				---		6959412	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KOGS	1.57	190.2	Lg	12:19:31.222	1.0					T__				---		6959411	FDSN	SL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/11/30	10:08:13.64	0.93	1.32	48.6701	17.7405	5.1	4.0	44	0.0f	10	6	123	0.19	1.46	sx	BUD	17003770	BUD				232

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	4 BUD	17003770

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JAVC	0.19	346.3	Pg	10:08:17.849	-0.3					T__		605.9		___	ML	1.6	6959491	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.19	346.3	Lg	10:08:20.559	-1.3					T__				---		6959494	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MODS	0.43	226.2	Lg	10:08:27.596	-2.1					T__				---		6959495	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	0.75	103.2	Pg	10:08:29.604	0.8					T__		21.0		---	ML	1.2	6959492	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.75	103.2	Lg	10:08:38.276	-1.4					T__				---		6959496	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
VRAC	0.99	310.6	Pg	10:08:33.538	1.2					T__		13.6		---	ML	1.2	6959493	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
VRAC	0.99	310.6	Lg	10:08:46.652	-0.2					T__				---		6959497	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
MORC 1.12 353.4 Pg 10:08:35.623 1.2 T__ 63.6 ___ ML 1.9 6959499 FDSN CZ -- BUD iLoc HHZ HHZ _
MORC 1.12 353.4 Lg 10:08:49.953 -0.0 T__ ___ 6959498 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
CONA 1.46 240.1 Lg 10:09:01.743 0.7 T__ ___ 6959500 FDSN OE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/11/30 10:32:46.14 1.21 1.16 48.5362 20.8381 6.7 5.7 3 0.0f 12 9 88 0.20 1.33 sx BUD 17003772 BUD 157

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Magnitude Err Nsta Author OrigID
ML 1.4 0.0 3 BUD 17003772

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.20 258.6 Pg 10:32:51.046 0.7 T__ 380.6 ___ ML 1.4 6959530 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.20 258.6 Lg 10:32:53.372 -0.3 T__ ___ 6959533 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.24 257.4 Pg 10:32:51.869 0.7 T__ 643.5 ___ ML 1.8 6959531 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.24 257.4 Lg 10:32:54.486 -0.5 T__ ___ 6959534 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.36 131.8 Lg 10:32:59.739 -0.2 T__ ___ 6959535 FDSN HU -- BUD iLoc HHN ??? _
HU02A 0.46 206.9 Lg 10:33:02.994 -0.5 T__ ___ 6959536 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.88 225.9 Lg 10:33:16.249 -1.8 T__ ___ 6959537 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.92 224.9 Lg 10:33:17.667 -1.3 T__ ___ 6959532 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.95 338.3 Lg 10:33:16.314 -1.3 T__ ___ 6959538 FDSN PL -- BUD iLoc BHN ??? _
KOLS 1.03 66.8 Lg 10:33:20.568 -1.3 T__ ___ 6959539 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.33 268.9 Pn 10:33:12.299 1.2 T__ 16.2 ___ ML 1.4 6959540 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.33 268.9 Sn 10:33:29.961 -1.0 T__ ___ 6959541 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/01 07:41:24.94 0.92 1.09 47.7897 19.9450 4.0 3.4 34 0.0f 17 10 119 0.10 1.02 sx BUD 17003776 BUD 216

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Magnitude Err Nsta Author OrigID
ML 1.9 0.5 7 BUD 17003776

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
ET1H 0.10 331.0 Pg 07:41:28.536 0.9 T__ 4532.0 ___ ML 2.2 6959815 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.10 331.0 Lg 07:41:29.028 -0.9 T__ ___ 6959818 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PSZ 0.13 345.2 Pg 07:41:29.013 0.6 T__ 2885.8 ___ ML 2.1 6959814 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.13 345.2 Lg 07:41:30.044 -1.4 T__ ___ 6959819 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU03A 0.26 296.3 Pg 07:41:31.589 0.9 T__ 346.9 ___ ML 1.6 6959821 FDSN ZJ 00 BUD iLoc HHZ HHZ _

```



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/01	08:37:08.54	1.47	0.87	47.9653	20.3920	13.9	3.4	143	0.0f	11	7	196	0.18	1.17	kx	BUD	17003780	BUD				226
2021/12/01	08:37:08.72	0.91	0.79	47.9767	20.3679f				0.0f	11	7	192	0.18	1.15	kx	BUD_GT	17003781	BUD_GT				218

(locality : Eger-III. Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.1	0.2	4 BUD_GT	17003781

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.18	35.8	Pg	08:37:13.368	0.4					T__		200.3		_c_	ML	1.1	6959934	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	08:37:16.077	-0.4					T__				---		6959942	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.32	259.8	Pg	08:37:16.608	0.5					T__		79.0		---	ML	1.1	6959937	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	259.8	Lg	08:37:20.840	-0.8					T__				---		6959938	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
ET1H	0.35	253.9	Pg	08:37:17.073	0.7					T__		41.2		---	ML	0.9	6959939	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.35	253.9	Lg	08:37:21.720	-0.3					T__				---		6959940	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
KECS	0.51	8.8	Lg	08:37:26.993	-0.1					T__				---		6959943	FDSN	SK	--	BUD	iLoc	EHE	???	_	
JOS	0.53	12.4	Pg	08:37:19.486	0.0					T__		43.5		---	ML	1.4	6959935	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	08:37:27.673	-0.0					T__				---		6959944	FDSN	ZJ	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	0.67	61.0	Lg	08:37:31.305	-2.0					T__				---		6959936	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.15	297.4	Lg	08:37:47.963	-0.5					T__				---		6959941	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/01	08:41:44.51	1.11	0.43	47.9657	16.6562	9.2	4.3	132	0.0f	9	6	177	0.36	1.11	sx	BUD	17003782	BUD				231

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.6	3 BUD	17003782

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
RONA	0.36	222.5	Pg	08:41:51.792	-0.1					T__		69.6		---	ML	1.1	6959999	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.36	222.5	Lg	08:41:56.562	-0.4					T__				---		6960000	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.54	266.3	Pg	08:41:55.522	0.3					T__		57.4		---	ML	1.5	6959995	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.54	266.3	Lg	08:42:02.045	-0.3					T__				---		6960001	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MODS	0.58	45.3	Pg	08:41:56.762	0.1					T__				---		6959994	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
ARSA	1.05	227.4	Lg	08:42:18.554	0.6					T__				---		6959996	FDSN	OE	--	BUD	iLoc	HHN	???	_	
A018A	1.09	258.8	Pg	08:42:05.504	-0.1					T__		73.0		---	ML	2.0	6959998	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	1.09	258.8	Lg	08:42:19.478	0.3					T__				---		6959997	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									

(Station ML: 2.0 magdef=1  
 KRUC 1.11 351.1 Lg 08:42:21.716 -0.5 T\_\_ --- 6960002 FDSN CZ -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/12/01 09:52:42.63 1.32 0.71 46.9129 17.3739 8.5 6.3 19 0.0f 6 5 135 0.16 1.12 sx BUD 17003784 BUD 235

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L  
 A261A 0.16 284.3 Lg 09:52:49.245 -0.3 T\_\_ --- 6960054 FDSN Z3 00 BUD iLoc HHN ??? \_  
 MPLH 0.28 23.7 Pg 09:52:49.226 0.3 T\_\_ 178.7 --- ML 1.3 6960047 FDSN HU -- BUD iLoc HHZ HHZ \_  
 MPLH 0.28 23.7 Lg 09:52:53.128 -0.7 T\_\_ --- 6960050 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=0  
 TIH 0.36 91.9 Lg 09:52:55.960 -0.1 T\_\_ --- 6960051 FDSN HU -- BUD iLoc HHZ ??? \_  
 KOVH 0.97 148.4 Lg 09:53:15.488 -0.4 T\_\_ --- 6960049 FDSN HU -- BUD iLoc HHN ??? \_  
 MORH 1.12 128.1 Sn 09:53:20.168 -0.8 T\_\_ --- 6960053 FDSN HU -- BUD iLoc HHN ??? \_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/12/01 10:49:16.51 0.90 0.68 47.8759 16.0906 5.3 4.4 163 0.0f 16 9 84 0.16 1.52 sx BUD 17003786 BUD 128

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 6 BUD 17003786

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L  
 CONA 0.16 288.9 Pg 10:49:20.094 0.1 T\_\_ 361.8 --- ML 1.3 6960088 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 0.16 288.9 Lg 10:49:21.633 -0.8 T\_\_ --- 6960096 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 RONA 0.22 141.7 Pg 10:49:21.910 0.6 T\_\_ 108.6 --- ML 1.0 6960089 FDSN OE -- BUD iLoc HHZ HHZ \_  
 RONA 0.22 141.7 Lg 10:49:24.434 -0.2 T\_\_ --- 6960097 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.0 magdef=1  
 (Station ML: 1.0 magdef=0  
 AO18A 0.70 259.4 Pg 10:49:30.774 0.8 T\_\_ 76.2 --- ML 1.8 6960090 FDSN Z3 00 BUD iLoc HHZ HHZ \_  
 AO18A 0.70 259.4 Lg 10:49:38.592 -0.2 T\_\_ --- 6960098 FDSN Z3 00 BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 ARSA 0.73 211.8 Pg 10:49:29.789 -0.9 T\_\_ 70.5 --- ML 1.8 6960091 FDSN OE -- BUD iLoc HHZ HHZ \_  
 ARSA 0.73 211.8 Lg 10:49:39.823 -0.1 T\_\_ --- 6960099 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 MODS 0.94 57.5 Pg 10:49:35.945 0.4 T\_\_ --- 6960093 FDSN SK -- BUD iLoc HHZ ??? \_  
 MODS 0.94 57.5 Lg 10:49:49.057 -1.0 T\_\_ --- 6960100 FDSN SK -- BUD iLoc HHN ??? \_  
 A262A 1.05 163.5 Lg 10:49:51.150 0.1 T\_\_ --- 6960101 FDSN Z3 00 BUD iLoc HHN ??? \_  
 KRUC 1.20 9.6 Pg 10:49:40.131 0.5 T\_\_ 64.3 --- ML 2.0 6960092 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 KRUC 1.20 9.6 Sn 10:49:56.506 -0.6 T\_\_ --- 6960094 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1  
 VRAC 1.47 12.9 Sn 10:50:04.563 0.9 T\_\_ --- 6960102 FDSN CZ -- BUD iLoc HHN ??? \_  
 CKRC 1.52 309.1 Pg 10:49:45.691 0.7 T\_\_ 121.2 --- ML 2.4 6960095 FDSN CZ -- BUD iLoc HHZ HHZ \_

CKRC 1.52 309.1 Sn 10:50:04.590 -0.5 T\_\_ --- 6960103 FDSN CZ -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/01	11:09:38.53	1.09	0.87	48.4279	17.2348	8.8	4.5	102	0.0f	5	3	151	0.06	1.05	sx	BUD	17003788	BUD				270

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.06	152.4	Pg	11:09:40.772	0.3					T__						6960128	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.06	152.4	Lg	11:09:41.705	-0.6					T__						6960129	FDSN	SK	--	BUD	iLoc	HHE	???	_	
JAVC	0.52	33.7	Pg	11:09:49.864	0.4					T__		114.7		---	ML	1.8	6960131	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.52	33.7	Lg	11:09:56.970	-0.8					T__				---		6960130	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
CONA	1.05	242.0	Lg	11:10:12.310	-0.4					T__						6960132	FDSN	OE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/01	13:19:04.80	1.12	0.96	47.5606	18.4363	10.8	2.9	102	0.0f	15	10	104	0.09	1.49	kx	BUD	17003790	BUD				158
2021/12/01	13:19:04.59	0.89	0.81	47.5600	18.4573f				0.0f	15	10	105	0.09	1.49	kx	BUD_GT	17003791	BUD_GT				159

(locality : Tatabánya Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.3 0.1 6 BUD\_GT 17003791

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	327.2	Pg	13:19:07.705	0.7					T__		2144.4		---	ML	1.9	6960216	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	13:19:08.425	-1.0					T__				---		6960221	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0																									
MSW1	0.21	218.9	Pg	13:19:09.913	0.5					T__		237.7		---	ML	1.3	6960226	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.21	218.9	Lg	13:19:12.630	-1.1					T__				---		6960227	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									
CSKK	0.24	214.2	Pg	13:19:10.168	0.3					T__		262.1		_c_	ML	1.4	6960215	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.24	214.2	Lg	13:19:14.222	-0.3					T__				---		6960219	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
MSW3	0.29	231.9	Pg	13:19:11.261	0.5					T__		120.9		---	ML	1.2	6960228	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
MSW2	0.31	213.1	Pg	13:19:11.925	0.7					T__		106.4		---	ML	1.2	6960229	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
VYHS	0.97	15.1	Pn	13:19:25.206	0.6					T__		27.8		---	ML	1.5	6960217	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.97	15.1	Lg	13:19:37.457	-1.0					T__				---		6960218	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									

PSZ	1.03	69.2	Lg	13:19:41.600	-0.4	T__	---	6960224	FDSN	GE	--	BUD	iLoc	HNN	???	_
MODS	1.14	316.2	Pg	13:19:27.809	0.2	T__	---	6960220	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.14	316.2	Sn	13:19:42.752	-1.9	T__	---	6960222	FDSN	SK	--	BUD	iLoc	HNN	???	_
MORH	1.35	174.5	Sn	13:19:48.727	-0.4	T__	---	6960225	FDSN	HU	--	BUD	iLoc	HHE	???	_
KOVH	1.49	189.6	Sn	13:19:52.967	0.3	T__	---	6960223	FDSN	HU	--	BUD	iLoc	HNN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/02	07:53:26.21	0.99	1.06	47.3632	18.4093	5.2	4.0	111	0.0f	21	16	86	0.10	1.47	sx	BUD	17003792	BUD				110

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	17003792

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.10	270.0	Pg	07:53:29.724	0.8					T__		3951.7		_c_	ML	2.2	6960304	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	270.0	Lg	07:53:30.601	-0.9					T__				---		6960307	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
MSW1	0.11	286.3	Pg	07:53:29.977	1.0					T__		1673.0		---	ML	1.8	6960321	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.11	286.3	Lg	07:53:31.219	-0.4					T__				---		6960322	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW2	0.15	245.8	Lg	07:53:31.881	-1.2					T__				---		6960323	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MSW3	0.19	276.0	Lg	07:53:33.620	-0.9					T__				---		6960324	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU09A	0.28	356.2	Lg	07:53:36.650	-0.8					T__				---		6960308	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
MPLH	0.62	252.3	Pg	07:53:39.579	0.6					T__		64.6		---	ML	1.7	6960306	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.62	252.3	Lg	07:53:46.720	-1.8					T__				---		6960305	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A338A	0.65	356.7	Lg	07:53:49.534	-1.0					T__				---		6960309	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
A272A	0.73	148.2	Lg	07:53:51.476	-1.3					T__				---		6960310	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
A266A	0.84	186.8	Lg	07:53:55.727	0.2					T__				---		6960320	FDSN	Z3	00	BUD	iLoc	HNN	???	_	
ET1H	1.12	61.9	Sn	07:54:04.326	-0.9					T__				---		6960311	FDSN	HU	--	BUD	iLoc	HNN	???	_	
PSZ	1.15	60.5	Pn	07:53:50.114	1.5					T__		68.2		---	ML	2.0	6960313	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.15	60.5	Sn	07:54:05.381	-1.1					T__				---		6960312	FDSN	GE	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MORH	1.16	171.9	Sn	07:54:05.257	-0.7					T__				---		6960314	FDSN	HU	--	BUD	iLoc	HNN	???	_	
VYHS	1.17	14.1	Pn	07:53:49.664	0.8					T__		21.7		---	ML	1.5	6960316	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.17	14.1	Lg	07:54:05.669	-1.2					T__				---		6960315	FDSN	SK	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
MODS	1.27	323.4	Sn	07:54:08.438	-1.0					T__				---		6960317	FDSN	SK	--	BUD	iLoc	HNN	???	_	
KOVH	1.29	189.6	Sn	07:54:10.047	0.8					T__				---		6960318	FDSN	HU	--	BUD	iLoc	HNN	???	_	
RONA	1.47	284.0	Sn	07:54:14.028	0.2					T__				---		6960319	FDSN	OE	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/02	08:47:48.09	1.11	1.21	48.4231	21.4273	8.4	4.5	141	0.0f	10	6	177	0.18	1.14	sx	BUD	17003794	BUD				307

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BUD	17003794

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.18	224.6	Pg	08:47:52.647	0.5					T__		213.9		---	ML	1.1	6960376	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.18	224.6	Lg	08:47:54.924	-0.7					T__				---		6960379	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.60	277.4	Pg	08:48:00.233	0.2					T__		38.8		---	ML	1.4	6960377	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	277.4	Lg	08:48:08.528	-0.5					T__				---		6960380	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.63	275.8	Pg	08:48:01.711	1.0					T__		87.8		---	ML	1.8	6960378	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.63	275.8	Lg	08:48:09.544	-0.7					T__				---		6960381	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.67	243.8	Lg	08:48:11.149	-1.6					T__				---		6960382	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	0.76	47.4	Pg	08:48:02.966	0.3					T__				---		6960385	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.76	47.4	Lg	08:48:13.938	-1.1					T__				---		6960384	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.14	244.4	Sn	08:48:26.345	-2.0					T__				---		6960383	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/02	09:31:57.68	0.95	0.79	48.3221	19.8580	4.9	3.6	117	0.0f		14	8	105	0.40	1.14	sx	BUD	17003796	BUD			195

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	17003796

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.40	176.5	Pg	09:32:07.382	0.8					T__		105.3		---	ML	1.4	6960467	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.40	176.5	Lg	09:32:12.445	-0.8					T__				---		6960469	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ET1H	0.44	178.8	Pg	09:32:07.797	0.5					T__		54.2		---	ML	1.3	6960468	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.44	178.8	Lg	09:32:13.707	-0.4					T__				---		6960471	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
KECS	0.45	68.7	Pg	09:32:07.397	0.6					T__		151.8		---	ML	1.7	6960465	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.45	68.7	Lg	09:32:13.291	-0.4					T__				---		6960470	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	0.49	68.8	Pg	09:32:07.905	0.4					T__		92.9		_c_	ML	1.6	6960464	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.49	68.8	Lg	09:32:14.584	-0.4					T__				---		6960472	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.49	113.9	Pg	09:32:08.536	0.5					T__		59.7		---	ML	1.4	6960466	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.49	113.9	Lg	09:32:15.000	-1.0					T__				---		6960473	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VYHS	0.70	284.6	Lg	09:32:21.336	-1.0					T__				---		6960474	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.92	91.1	Lg	09:32:29.148	-1.2					T__				---		6960475	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	1.14	14.7	Pg	09:32:19.696	0.6					T__		49.4		---	ML	1.8	6960477	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.14	14.7	Lg	09:32:35.271	-0.5					T__				---		6960476	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/02	09:39:07.01	3.10	1.17	48.4700	20.6665	20.3	7.5	69	0.0f	7	5	268	0.09	1.22	sx	BUD	17003798	BUD				296

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.09	287.0	Pg	09:39:08.912	-0.1					T__		126.4		_c_	ML	0.6	6960505	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.09	287.0	Lg	09:39:11.282	0.5					T__				---		6960508	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1)																									
(Station ML: 0.6 magdef=1)																									
KECS	0.12	276.3	Pg	09:39:09.337	-0.4					T__		378.2		---	ML	1.2	6960506	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.12	276.3	Lg	09:39:12.291	0.4					T__				---		6960509	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.36	195.2	Lg	09:39:21.579	0.7					T__				---		6960507	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.76	223.4	Lg	09:39:34.304	-0.3					T__				---		6960510	FDSN	GE	--	BUD	iLoc	HHN	???	_	
VVHS	1.22	271.8	Sn	09:39:46.873	-2.1					T__				---		6960511	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/02	10:16:53.68	0.83	1.25	48.2508	21.2106	4.5	3.5	9	0.0f	26	14	64	0.05	1.60	kx	BUD	17003800	BUD				107
2021/12/02	10:16:53.30	0.82	0.98	48.2470	21.2460f				0.0f	26	14	65	0.05	1.63	kx	BUD_GT	17003801	BUD_GT				107

(locality : Tallya Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	11 BUD_GT	17003801

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.05	355.1	Pg	10:16:55.272	0.4					T__		27001.9		_c_	ML	2.9	6960559	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	10:16:55.811	-0.7					T__				---		6960569	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.9 magdef=1)																									
(Station ML: 2.9 magdef=0)																									
HU02A	0.50	255.8	Pg	10:17:04.183	0.3					T__		97.3		---	ML	1.7	6960560	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	10:17:10.923	-1.1					T__				---		6960570	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
HU07A	0.52	120.5	Pg	10:17:05.395	1.4					T__		446.3		---	ML	2.4	6960563	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU07A	0.52	120.5	Lg	10:17:12.782	-0.4					T__				---		6960573	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									
JOS	0.53	298.1	Pg	10:17:04.551	0.5					T__		106.8		---	ML	1.8	6960561	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	10:17:11.338	-0.9					T__				---		6960571	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KECS	0.56	295.3	Pg	10:17:05.091	0.5					T__		156.4		---	ML	2.0	6960562	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	10:17:12.309	-0.8					T__				---		6960572	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU05A	0.70	186.1	Pn	10:17:09.202	0.2					T__		322.8		---	ML	2.4	6960564	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

HU05A	0.70	186.1	Lg	10:17:18.652	-0.9	T__								6960574	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																						
(Station ML: 2.4 magdef=1)																						
TRPA	0.87	97.2	Pn	10:17:11.531	-0.1	T__	103.1							6960565	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	10:17:23.981	-0.8	T__								6960575	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
HU23A	0.90	228.1	Pg	10:17:12.852	0.4	T__	296.5							6960566	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU23A	0.90	228.1	Lg	10:17:24.764	-1.1	T__								6960576	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																						
(Station ML: 2.5 magdef=0)																						
PSZ	0.96	250.6	Pn	10:17:13.702	0.6	T__	86.6							6960568	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	10:17:26.244	-1.8	T__								6960578	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
KOLS	0.97	44.4	Pn	10:17:13.761	0.5	T__								6960567	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	0.97	44.4	Lg	10:17:26.181	-1.4	T__								6960577	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.99	248.7	Pg	10:17:14.063	0.0	T__	52.0							6960580	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	10:17:27.236	-1.4	T__								6960579	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=0)																						
HU03A	1.16	253.3	Sn	10:17:31.863	-1.2	T__								6960581	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
NIE	1.33	332.3	Pg	10:17:19.724	1.3	T__	39.4							6960583	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.33	332.3	Lg	10:17:36.284	-1.6	T__								6960582	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
VVHS	1.63	279.6	Lg	10:17:47.660	-1.3	T__								6960584	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/02	10:35:02.11	1.89	0.95	48.3178	21.4993	13.5	9.4	155	0.0f		8	6	113	0.17	1.73	sx	BUD	17003802	BUD			225

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.17	263.0	Lg	10:35:08.957	-0.6					T__						6960654	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
JOS	0.66	285.9	Pg	10:35:15.842	0.5					T__	54.5				ML	1.6	6960656	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.66	285.9	Lg	10:35:25.023	-0.4					T__						6960655	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU02A	0.68	253.6	Pg	10:35:16.641	0.3					T__	55.3				ML	1.6	6960650	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.68	253.6	Lg	10:35:25.771	-1.2					T__						6960657	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
KECS	0.70	284.1	Lg	10:35:26.617	0.1					T__						6960653	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.80	39.5	Lg	10:35:29.102	-1.4					T__						6960652	FDSN	SK	--	BUD	iLoc	HHN	???	_	
DRGR	1.73	151.3	Lg	10:36:00.983	0.2					T__						6960651	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/02	11:14:21.03	1.37	1.02	48.7813	21.2269	8.1	7.3	142	0.0f		12	8	120	0.49	1.28	sx	BUD	17003804	BUD			222

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 4 BUD 17003804

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.49	179.0	Lg	11:14:38.501	-0.6					T__						6960691	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.54	238.2	Pg	11:14:31.982	0.2					T__		51.8			ML	1.5	6960689	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	238.2	Lg	11:14:39.554	-0.4					T__						6960688	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.58	239.0	Pg	11:14:33.071	0.5					T__		139.7			ML	2.0	6960692	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.58	239.0	Lg	11:14:40.274	-0.9					T__						6960687	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
KOLS	0.71	77.2	Lg	11:14:45.162	-0.9					T__						6960693	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.81	215.6	Pg	11:14:38.537	0.8					T__		52.1			ML	1.7	6960685	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.81	215.6	Lg	11:14:49.064	-1.1					T__						6960686	FDSN	ZJ	00	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
NIE	0.88	316.6	Lg	11:14:49.723	-0.5					T__						6960694	FDSN	PL	--	BUD	iLoc	BHE	???	_	
PSZ	1.24	226.3	Sn	11:15:02.072	-1.6					T__						6960695	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	1.28	225.6	Pn	11:14:46.350	1.2					T__		34.9			ML	1.8	6960690	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.28	225.6	Sn	11:15:03.340	-0.8					T__						6960696	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/02	11:56:18.53	3.48	0.49	48.5035	20.7845	20.3	9.6	66	0.0f		8	5	297	0.16	0.87	sx	BUD	17003806	BUD			317

Magnitude Err Nsta Author OrigID  
ML 1.5 0.3 3 BUD 17003806

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	267.4	Pg	11:56:22.081	0.1					T__		190.8			ML	1.0	6960722	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	267.4	Lg	11:56:25.122	0.3					T__						6960723	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
KECS	0.20	264.3	Pg	11:56:22.644	-0.1					T__		441.7			ML	1.5	6960724	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.20	264.3	Lg	11:56:26.061	-0.0					T__						6960726	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.42	204.5	Lg	11:56:34.967	0.6					T__						6960727	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.84	225.8	Lg	11:56:48.257	-0.5					T__						6960728	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.87	224.7	Pn	11:56:36.265	-0.7					T__		50.5			ML	1.7	6960729	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	224.7	Lg	11:56:49.577	-0.1					T__						6960725	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/12/02	21:58:51.12	2.57	0.75	45.8428	21.5242	20.2	4.6	90	0.2		4.0	9	5	208	0.24	1.62	ke	BUD	17003808	BUD			255

Magnitude Err Nsta Author OrigID  
 ML 1.6 0.2 4 BUD 17003808

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BZS	0.24	164.0	Pg	21:58:55.951	0.0					T__		155.9		---	ML	1.1 6960755	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.24	164.0	Lg	21:58:59.404	-0.1					T__				---		6960756	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1)																								
SIRR	0.44	12.5	Pg	21:59:00.145	-0.1					T__		106.0		---	ML	1.5 6960762	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.44	12.5	Lg	21:59:07.460	0.2					T__				---		6960757	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																								
GZR	0.99	116.6	Pn	21:59:11.219	-0.4					T__		39.0		---	ML	1.6 6960759	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.99	116.6	Lg	21:59:23.803	0.0					T__				---		6960758	FDSN	RO	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																								
DRGR	1.26	40.5	Pn	21:59:15.900	0.8					T__		40.5		---	ML	1.8 6960760	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.26	40.5	Sn	21:59:32.319	-1.4					T__				---		6960761	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																								
LOT	1.62	103.3	Sn	21:59:42.824	-0.2					T__				---		6960763	FDSN	RO	--	BUD	iLoc	HHE	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/12/03 07:51:57.08 2.98 0.96 46.7805 22.7567 28.5 7.6 50 0.0f 7 5 222 0.03 1.51 sx BUD 17003810 BUD 275

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.03	289.6	Pg	07:51:58.173	-0.0					T__		258.3		---	ML	0.8 6960824	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.03	289.6	Lg	07:51:59.435	0.1					T__				---		6960826	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=1)																								
SIRR	0.91	236.3	Lg	07:52:28.541	-0.3					T__				---		6960827	FDSN	RO	--	BUD	iLoc	HHN	???	_
GZR	1.39	179.4	Pg	07:52:23.521	0.1					T__		41.6		---	ML	1.9 6960825	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.39	179.4	Sn	07:52:42.482	-0.6					T__				---		6960828	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																								
BZS	1.41	214.6	Sn	07:52:43.162	0.2					T__				---		6960829	FDSN	RO	--	BUD	iLoc	HHN	???	_
LOT	1.51	151.8	Sn	07:52:44.677	-1.8					T__				---		6960830	FDSN	RO	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/12/03 08:59:42.71 1.25 1.00 48.3937 17.3927 9.8 3.6 131 0.0f 9 5 205 0.08 1.13 sx BUD 17003812 BUD 271

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.2 3 BUD 17003812

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
MODS	0.08	255.4	Pg	08:59:44.097	-0.9					T__				---		6960878	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.08	255.4	Lg	08:59:46.036	-1.0					T__				---		6960879	FDSN	SK	--	BUD	iLoc	HHE	???	_
JAVC	0.50	21.5	Pg	08:59:52.799	-0.4					T__		94.5		---	ML	1.7 6960880	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

JAVC	0.50	21.5	Lg	09:00:01.090	-0.3	T__								6960884	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
KRUC	0.94	315.7	Pg	09:00:01.520	0.8	T__	84.9							6960882	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	0.94	315.7	Lg	09:00:15.371	0.8	T__								6960881	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=1)																						
RONA	1.01	227.1	Pg	09:00:03.150	0.4	T__	60.7							6960883	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.01	227.1	Lg	09:00:17.332	1.4	T__								6960885	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=1)																						
CONA	1.13	246.1	Lg	09:00:20.314	0.9	T__								6960886	FDSN	OE	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/03	09:10:06.04	2.18	0.82	48.3356	21.4634	15.2	8.7	134	0.0f		8	6	209	0.15	1.33	sx	BUD	17003814	BUD			286

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.15	255.3	Pg	09:10:09.982	0.4					T__		263.1			ML	1.1	6960910	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.15	255.3	Lg	09:10:12.306	-0.5					T__						6960914	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
JOS	0.64	284.9	Pg	09:10:18.893	0.1					T__	39.6				ML	1.5	6960911	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.64	284.9	Lg	09:10:28.527	0.1					T__						6960915	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.66	251.6	Lg	09:10:28.929	-1.4					T__						6960916	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KECS	0.67	283.1	Lg	09:10:29.488	-0.0					T__						6960912	FDSN	SK	--	BUD	iLoc	EHE	???	_	
KOLS	0.80	41.6	Lg	09:10:33.540	-1.0					T__						6960917	FDSN	SK	--	BUD	iLoc	HHN	???	_	
NIE	1.33	325.1	Lg	09:10:50.442	-0.2					T__						6960913	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/03	09:36:48.19	1.09	0.75	47.8028	19.1112	9.2	3.4	10	0.0f		14	8	121	0.08	1.85	kx	BUD	17003816	BUD			223
2021/12/03	09:36:48.44	0.88	0.80	47.8355	19.1270f				0.0f		14	8	117	0.07	1.88	kx	BUD_GT	17003817	BUD_GT			192

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD_GT	17003817

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.07	277.6	Pg	09:36:50.789	0.4					T__		2143.3			ML	1.8	6960948	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.07	277.6	Lg	09:36:51.436	-0.9					T__						6960951	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	0.33	77.7	Pg	09:36:56.146	0.6					T__	171.4				ML	1.4	6960953	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.33	77.7	Lg	09:37:01.994	1.1					T__						6960952	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									

ET1H	0.50	84.8	Lg	09:37:07.472	0.4	T__								6960954	FDSN	HU	--	BUD	iLoc	HHN	???	_		
PSZ	0.52	80.6	Pg	09:36:59.285	-0.6	T__				53.5				ML	1.5	6960955	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.52	80.6	Lg	09:37:08.180	-0.1	T__									6960949	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
VYHS	0.69	343.6	Lg	09:37:12.427	-0.3	T__									6960950	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.98	72.5	Pg	09:37:09.258	0.6	T__				39.7				ML	1.6	6960957	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.98	72.5	Lg	09:37:23.355	-0.9	T__									6960956	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
JOS	1.15	54.5	Pg	09:37:11.166	-0.1	T__				41.4				ML	1.8	6960958	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.15	54.5	Lg	09:37:28.895	-0.2	T__									6960959	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
KOVH	1.88	202.3	Pg	09:37:24.278	-1.4	T__				76.3				ML	2.4	6960961	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.88	202.3	Sn	09:37:44.593	-1.5	T__									6960960	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																								
(Station ML: 2.4 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/03	09:55:18.51	1.79	1.31	47.3744	18.4117	13.4	4.0	140	0.0f		8	5	202	0.10	1.14	sx	BUD	17003818	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	3 BUD	17003818

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.10	263.8	Pg	09:55:21.783	0.6					T__		525.1			ML	1.3	6961006	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.10	263.8	Lg	09:55:22.583	-1.3					T__						6961005	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW1	0.11	280.2	Pg	09:55:22.121	0.9					T__		356.8			ML	1.1	6961010	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.11	280.2	Lg	09:55:23.064	-0.9					T__						6961011	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
HU09A	0.27	355.7	Pg	09:55:24.924	0.6					T__		206.5			ML	1.4	6961008	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.27	355.7	Lg	09:55:28.648	-0.7					T__						6961007	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU10A	0.62	40.9	Lg	09:55:40.877	-1.0					T__						6961009	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	1.14	61.0	Sn	09:55:56.795	-1.9					T__						6961004	FDSN	GE	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/03	11:08:00.99	1.06	1.22	48.5455	20.7639	6.0	3.7	4	0.0f		14	10	87	0.16	1.28	sx	BUD	17003820	BUD			159

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	17003820

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.16	251.7	Pg	11:08:05.139	0.8					T__		340.1			ML	1.3	6961065	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	251.7	Lg	11:08:07.202	0.2					T__						6961070	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KECS 0.20 251.5 Pg 11:08:05.619 0.5 T__ 1003.7 ___ ML 1.8 6961066 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.20 251.5 Lg 11:08:08.173 -0.2 T__ ___ 6961071 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.40 128.0 Pg 11:08:10.026 0.7 T__ 65.6 ___ ML 1.2 6961068 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.40 128.0 Lg 11:08:15.659 -0.7 T__ ___ 6961069 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.45 200.7 Pg 11:08:11.272 0.7 T__ 43.4 ___ ML 1.2 6961067 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.45 200.7 Lg 11:08:17.397 -0.6 T__ ___ 6961072 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
PSZ 0.86 223.1 Lg 11:08:30.404 -1.5 T__ ___ 6961073 FDSN GE -- BUD iLoc HHN ??? _
ET1H 0.90 222.2 Lg 11:08:31.603 -1.2 T__ ___ 6961075 FDSN HU -- BUD iLoc HHN ??? _
NIE 0.93 340.9 Lg 11:08:30.590 -1.0 T__ ___ 6961074 FDSN PL -- BUD iLoc BHN ??? _
HU03A 1.01 230.9 Lg 11:08:35.287 -1.4 T__ ___ 6961076 FDSN ZJ 00 BUD iLoc HHN ??? _
KOLS 1.07 68.2 Lg 11:08:36.216 -1.8 T__ ___ 6961077 FDSN SK -- BUD iLoc HHN ??? _
VYHS 1.28 268.4 Sn 11:08:42.688 -1.9 T__ ___ 6961078 FDSN SK -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/06 08:45:40.09 1.60 1.06 47.3909 18.3569 11.0 5.3 121 0.0f 8 6 165 0.07 1.17 sx BUD 17003828 BUD 224

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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
MSW1 0.07 271.8 Lg 08:45:43.918 -0.2 T__ 706.9 ___ ML 1.3 6961383 FDSN HU -- BUD iLoc HHE ??? _
CSKK 0.07 247.0 Pg 08:45:42.806 0.6 T__ ___ 6961380 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.07 247.0 Lg 08:45:43.675 -0.6 T__ ___ 6961382 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
MSW2 0.13 228.3 Pg 08:45:43.987 0.6 T__ 120.0 ___ ML 0.7 6961381 FDSN HU -- BUD iLoc HHZ HHZ _
MSW2 0.13 228.3 Lg 08:45:44.856 -1.6 T__ ___ 6961384 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
MSW3 0.16 267.2 Lg 08:45:46.628 -0.5 T__ ___ 6961385 FDSN HU -- BUD iLoc HHN ??? _
HU09A 0.25 4.0 Lg 08:45:49.477 -0.8 T__ ___ 6961386 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 1.17 62.5 Sn 08:46:19.911 -0.9 T__ ___ 6961387 FDSN GE -- BUD iLoc HHE ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/06 10:03:37.07 0.93 0.85 48.5179 17.4661 6.7 3.1 126 0.0f 10 7 130 0.19 1.26 sx BUD 17003832 BUD 199

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.19 221.1 Pg 10:03:41.800 0.3 T__ 133.7 ___ 6961493 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.19 221.1 Lg 10:03:44.193 -1.0 T__ ___ 6961502 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.37 21.6 Pg 10:03:45.017 0.0 T__ ___ 6961494 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.37 21.6 Lg 10:03:50.229 -0.9 T__ ___ 6961497 FDSN CZ -- BUD iLoc HHN ??? _

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KRUC 0.89 308.0 Lg 10:04:06.591 -0.8 T__ --- 6961498 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 0.91 91.0 Lg 10:04:08.588 -0.1 T__ --- 6961499 FDSN SK -- BUD iLoc HHN ??? _
RONA 1.13 224.2 Lg 10:04:13.831 -0.4 T__ --- 6961495 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.22 241.8 Pg 10:04:01.588 0.4 T__ 64.5 --- ML 2.0 6961496 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.22 241.8 Lg 10:04:17.279 0.3 T__ --- 6961500 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORC 1.26 2.3 Lg 10:04:19.543 1.4 T__ --- 6961501 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/06 11:41:31.17 1.66 1.14 48.7573 21.2106 28.2 7.5 155 0.0f 9 7 174 0.52 1.60 sx BUD 17003834 BUD 314

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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 0.52 239.8 Pg 11:41:41.934 0.4 T__ 41.8 --- ML 1.4 6961524 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.52 239.8 Lg 11:41:49.115 -0.2 T__ --- 6961526 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
KECS 0.55 240.6 Pg 11:41:42.307 0.0 T__ 82.9 --- ML 1.7 6961525 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.55 240.6 Lg 11:41:50.232 -0.4 T__ --- 6961527 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOLS 0.72 75.5 Lg 11:41:56.444 -0.3 T__ --- 6961528 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.78 215.9 Lg 11:41:59.292 -0.2 T__ --- 6961529 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 1.21 226.8 Sn 11:42:12.281 -0.9 T__ --- 6961530 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.25 226.0 Sn 11:42:13.995 0.4 T__ --- 6961531 FDSN HU -- BUD iLoc HHN ??? _
VYHS 1.60 261.4 Sn 11:42:20.169 -2.5 T__ --- 6961532 FDSN SK -- BUD iLoc HHN ??? _

```

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/06 17:00:31.35 1.49 0.40 47.8508 16.2916 15.6 4.1 59 11.0f 7 4 175 0.15 1.21 ke BUD 17003836 BUD 281

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Magnitude Err Nsta Author OrigID  
ML 0.8 0.7 3 BUD 17003836

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.15 178.8 Pg 17:00:35.373 0.2 T__ 47.0 --- ML 0.4 6961553 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.15 178.8 Lg 17:00:37.485 -0.4 T__ --- 6961559 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
CONA 0.30 285.1 Pg 17:00:37.886 0.1 T__ 50.5 --- ML 0.8 6961555 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.30 285.1 Lg 17:00:42.259 0.1 T__ --- 6961554 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
A008A 0.67 320.6 Pg 17:00:44.580 0.2 T__ 66.4 --- ML 1.7 6961556 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.67 320.6 Lg 17:00:53.173 -0.5 T__ --- 6961557 FDSN Z3 00 BUD iLoc HH2 ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1

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KRUC 1.21 3.2 Sn 17:01:10.475 0.4 T\_\_ --- 6961558 FDSN CZ -- BUD iLoc HHN ??? \_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/07	01:20:53.79	1.05	0.43	45.7459	17.4652	5.5	4.8	70	6.7	9.3	16	8	135	0.30	1.02	ke	BUD	17003838	BUD			266

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	8 BUD	17003838

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A273A	0.30	55.1	Pg	01:21:00.252	0.2					T__		337.2		---	ML	1.7	6961669	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.30	55.1	Lg	01:21:04.315	0.1					T__				---		6961678	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A264A	0.43	343.6	Pg	01:21:02.329	-0.3					T__		216.8		---	ML	1.8	6961673	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.43	343.6	Lg	01:21:08.271	-0.3					T__				---		6961674	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOVH	0.56	52.1	Pg	01:21:05.472	0.3					T__		60.5		---	ML	1.6	6961668	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.56	52.1	Lg	01:21:12.254	-0.7					T__				---		6961675	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
A265A	0.72	18.6	Pg	01:21:08.284	0.2					T__		165.2		---	ML	2.1	6961670	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.72	18.6	Lg	01:21:17.934	0.3					T__				---		6961679	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
BEHE	0.87	326.7	Pg	01:21:11.012	0.1					T__		173.1		---	ML	2.2	6961671	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
BEHE	0.87	326.7	Lg	01:21:23.193	0.7					T__				---		6961672	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
A263A	0.90	353.4	Pg	01:21:11.469	-0.0					T__		135.0		---	ML	2.1	6961682	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.90	353.4	Lg	01:21:23.940	0.6					T__				---		6961680	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
MORH	0.95	59.9	Pg	01:21:11.812	-0.5					T__		44.3		---	ML	1.7	6961676	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.95	59.9	Lg	01:21:24.968	-0.0					T__				---		6961681	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BLY	1.02	191.4	Pg	01:21:13.112	-0.1					T__		131.9		---	ML	2.2	6961683	FDSN	MN	--	BUD	iLoc	HHZ	HHZ	_
BLY	1.02	191.4	Lg	01:21:26.606	0.4					T__				---		6961677	FDSN	MN	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/07	08:02:18.95	1.40	1.15	47.9773	20.3933	12.8	3.5	143	0.0f		10	6	194	0.17	0.65	kx	BUD	17003840	BUD			223
2021/12/07	08:02:18.98	0.93	1.00	47.9767	20.3679f				0.0f		10	6	192	0.18	0.67	kx	BUD_GT	17003841	BUD_GT			218

(locality : Eger-III. Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD_GT	17003841

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
HU02A	0.18	35.8	Pg	08:02:23.178	-0.1					T__		206.4		___	ML	1.1	6961829	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	08:02:25.246	-1.5					T__				---		6961834	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.32	259.8	Pg	08:02:27.353	1.0					T__		92.5		___	ML	1.2	6961833	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.32	259.8	Lg	08:02:31.129	-0.8					T__				---		6961835	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ET1H	0.35	253.9	Lg	08:02:31.909	-0.4					T__				---		6961836	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KECS	0.51	8.8	Pg	08:02:31.037	1.7					T__		79.6		---	ML	1.6	6961831	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.51	8.8	Lg	08:02:36.103	-1.2					T__				---		6961830	FDSN	SK	--	BUD	iLoc	EHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.53	12.4	Pg	08:02:29.973	0.3					T__		72.6		---	ML	1.6	6961832	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	12.4	Lg	08:02:37.192	-0.7					T__				---		6961837	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ABAH	0.67	61.0	Lg	08:02:43.315	-0.3					T__				---		6961838	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/12/07	08:11:07.31	1.13	0.72	47.3251	18.2835	6.4	2.9	111	0.0f		15	12	105	0.04	1.25	kx	BUD	17003842	BUD			123		
2021/12/07	08:11:07.00	0.92	0.66	47.3167	18.3081f				0.0f		15	12	106	0.06	1.27	kx	BUD_GT	17003843	BUD_GT			125		
(locality : Magyaralmás Hungary)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	3 BUD_GT	17003843

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CSKK	0.06	325.1	Pg	08:11:09.355	0.5					T__		1555.4		___	ML	1.6	6961890	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	08:11:10.115	-0.6					T__				---		6961901	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MSW2	0.07	257.7	Pg	08:11:09.638	0.6					T__		650.3		___	ML	1.3	6961899	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.07	257.7	Lg	08:11:10.480	-0.6					T__				---		6961902	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MSW1	0.08	336.4	Pg	08:11:09.952	0.6					T__		670.4		___	ML	1.4	6961900	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.08	336.4	Lg	08:11:11.109	-0.6					T__				---		6961903	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW3	0.14	298.3	Lg	08:11:12.407	-1.1					T__				---		6961904	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.29	293.8	Lg	08:11:17.514	-0.9					T__				---		6961896	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU09A	0.33	8.9	Lg	08:11:19.383	-0.6					T__				---		6961897	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.13	168.1	Lg	08:11:45.736	0.0					T__				---		6961891	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ET1H	1.20	61.4	Sn	08:11:47.983	-0.1					T__				---		6961898	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.23	16.6	Sn	08:11:48.716	-0.6					T__				---		6961894	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	1.23	60.1	Sn	08:11:49.356	0.0					T__				---		6961893	FDSN	GE	--	BUD	iLoc	HHN	???	_	
KOVH	1.24	186.7	Sn	08:11:48.311	-0.3					T__				---		6961892	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MODS	1.27	327.1	Sn	08:11:49.129	-1.0					T__				---		6961895	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/07	08:46:29.18	1.08	0.82	46.0584	22.8424	7.6	4.9	54	0.0f	12	7	88	0.18	1.46	sx	BUD	17003844	BUD				139

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	17003844

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.18	166.4	Pg	08:46:32.862	0.3					T__		745.6		___	ML	1.7	6961935	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	166.4	Lg	08:46:34.751	-0.4					T__				---		6961940	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
GZR	0.67	184.0	Pg	08:46:42.247	0.3					T__		85.2		___	ML	1.8	6961936	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.67	184.0	Lg	08:46:50.864	-0.6					T__				---		6961941	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
DRGR	0.74	353.0	Lg	08:46:54.816	-1.2					T__				---		6961942	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.85	284.7	Pg	08:46:46.929	0.5					T__		56.0		___	ML	1.7	6961939	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.85	284.7	Lg	08:46:58.206	-0.6					T__				---		6961938	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
LOT	0.89	132.9	Pg	08:46:46.999	0.7					T__		50.1		___	ML	1.7	6961937	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.89	132.9	Lg	08:46:57.903	-1.4					T__				---		6961943	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
BZS	0.96	243.2	Lg	08:47:01.243	-0.3					T__				---		6961944	FDSN	RO	--	BUD	iLoc	HHN	???	_	
ARCR	1.46	44.9	Pg	08:46:58.002	0.4					T__		178.1		___	ML	2.6	6961946	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
ARCR	1.46	44.9	Sn	08:47:16.274	-0.8					T__				---		6961945	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/12/07	09:39:24.52	1.05	1.52	46.2128	18.2654	8.5	3.9	149	0.0f	5	3	137	0.17	0.31	sx	BUD	17003846	BUD					270

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.17	222.8	Pg	09:39:29.101	0.5					T__		305.1		___	ML	1.3	6961970	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.17	222.8	Lg	09:39:30.817	-0.9					T__				---		6961973	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.26	89.4	Pg	09:39:31.082	0.8					T__		135.2		___	ML	1.2	6961971	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.26	89.4	Lg	09:39:33.422	-1.5					T__				---		6961974	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
A266A	0.31	359.9	Lg	09:39:35.978	-0.7					T__				---		6961972	FDSN	Z3	00	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/12/07	10:03:42.55	2.18	0.84	47.9301	16.0804	24.1	4.0	28	0.0f	6	4	220	0.15	0.70	sx	BUD	17003848	BUD					328

Magnitude	Err	Nsta	Author	OrigID																					
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	269.4	Pg	10:03:45.539	-0.2					T__		167.9		___	ML	0.9	6961993	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	269.4	Lg	10:03:47.414	-0.6					T__				---		6961996	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
RONA	0.27	147.7	Pg	10:03:48.520	0.3					T__		81.2		___	ML	1.0	6961995	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.27	147.7	Lg	10:03:51.459	-0.7					T__				---		6961997	FDSN	OE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A013A	0.47	286.7	Lg	10:03:58.327	0.5					T__				---		6961994	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A018A	0.70	254.9	Lg	10:04:05.926	1.0					T__				---		6961998	FDSN	Z3	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/07	10:21:19.68	1.09	1.19	48.5923	20.9253	6.9	4.1	12	0.0f		17	10	94	0.27	1.39	sx	BUD	17003850	BUD			170

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	7 BUD	17003850

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.27	249.5	Pg	10:21:25.691	0.4					T__		267.6		___	ML	1.5	6962033	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.27	249.5	Lg	10:21:30.185	0.5					T__				---		6962037	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
KECS	0.31	249.7	Pg	10:21:26.353	0.3					T__		649.5		___	ML	2.0	6962034	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.31	249.7	Lg	10:21:31.347	0.4					T__				---		6962038	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
ABAH	0.36	144.6	Pg	10:21:28.109	0.9					T__		118.6		___	ML	1.4	6962036	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.36	144.6	Lg	10:21:32.351	-1.2					T__				---		6962035	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
HU02A	0.54	209.7	Lg	10:21:38.963	-0.7					T__				---		6962039	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	0.92	333.7	Lg	10:21:49.631	-0.6					T__				---		6962040	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	0.95	68.6	Lg	10:21:50.381	-2.7					T__				---		6962041	FDSN	SK	--	BUD	iLoc	HHN	???	_	
PSZ	0.96	226.0	Pn	10:21:39.524	-0.0					T__		77.6		___	ML	1.9	6962042	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	226.0	Lg	10:21:52.875	-1.4					T__				---		6962043	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
ET1H	1.00	225.0	Pn	10:21:40.356	0.5					T__		57.7		___	ML	1.8	6962044	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.00	225.0	Lg	10:21:53.122	-2.1					T__				---		6962045	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU03A	1.12	232.6	Pn	10:21:41.628	0.1					T__		91.2		___	ML	2.1	6962047	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.12	232.6	Sn	10:21:57.798	-0.9					T__				---		6962046	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=0)																									
VYHS	1.39	266.7	Pn	10:21:46.240	0.7					T__		23.8		___	ML	1.7	6962049	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.39	266.7	Sn	10:22:05.176	-0.8					T__				---		6962048	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

(Station ML: 1.7 magdef=1)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/07	10:28:38.02	1.00	1.23	48.5122	20.7696	5.6	3.5	11	0.0f		17	12	85	0.15	1.29	sx	BUD	17003852	BUD			156

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.2	5 BUD	17003852

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.15	264.0	Pg	10:28:41.785	0.5					T__		336.9		___	ML	1.3	6962092	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.15	264.0	Lg	10:28:44.179	0.2					T__				---		6962098	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.19	261.4	Pg	10:28:42.285	0.2					T__		699.5		___	ML	1.7	6962093	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.19	261.4	Lg	10:28:45.477	0.2					T__				---		6962099	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.38	124.4	Pg	10:28:46.583	0.7					T__		53.1		___	ML	1.1	6962101	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	124.4	Lg	10:28:51.264	-1.3					T__				---		6962100	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
HU02A	0.42	202.8	Pg	10:28:48.280	1.2					T__		45.7		___	ML	1.1	6962095	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.42	202.8	Lg	10:28:53.546	-0.5					T__				---		6962094	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.83	224.9	Lg	10:29:06.500	-1.7					T__				---		6962102	FDSN	GE	--	BUD	iLoc	HHN	???	_	
ET1H	0.87	223.8	Lg	10:29:07.839	-1.3					T__				---		6962103	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU23A	0.94	202.0	Lg	10:29:10.138	-1.3					T__				---		6962104	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
NIE	0.96	341.3	Lg	10:29:09.292	-0.5					T__				---		6962097	FDSN	PL	--	BUD	iLoc	BHE	???	_	
HU03A	0.99	232.6	Pn	10:28:58.686	0.7					T__		131.2		___	ML	2.2	6962096	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.99	232.6	Lg	10:29:11.825	-1.3					T__				---		6962105	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
KOLS	1.08	66.5	Lg	10:29:13.828	-1.5					T__				---		6962106	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.24	107.3	Sn	10:29:18.827	-1.5					T__				---		6962107	FDSN	HU	--	BUD	iLoc	HHN	???	_	
VYHS	1.29	269.9	Sn	10:29:19.750	-1.9					T__				---		6962108	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/07	11:16:37.41	1.24	0.88	47.5566	18.4536	9.8	3.3	103	0.0f		8	5	198	0.10	0.97	kx	BUD	17003854	BUD			235
2021/12/07	11:16:37.42	0.93	0.73	47.5600	18.4573f				0.0f		8	5	199	0.09	0.97	kx	BUD_GT	17003855	BUD_GT			235

(locality : Tatabánya Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BUD_GT	17003855

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU09A	0.09	327.2	Pg	11:16:40.591	0.7					T__		1444.8		___	ML	1.7	6962151	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.09	327.2	Lg	11:16:41.761	-0.4					T__				---		6962152	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

```

(Station ML: 1.7 magdef=1
CSKK 0.24 214.2 Pg 11:16:43.138 0.4 T__ 153.2 --- ML 1.1 6962154 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.24 214.2 Lg 11:16:46.382 -1.0 T__ --- 6962153 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
SRD 0.27 339.1 Lg 11:16:47.484 -0.9 T__ --- 6962155 FDSN SK -- BUD iLoc EHN ??? _
HU08A 0.38 250.6 Lg 11:16:51.354 -0.8 T__ --- 6962156 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.97 15.1 Pn 11:16:57.470 0.1 T__ 25.7 --- ML 1.4 6962158 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 15.1 Lg 11:17:10.555 -0.7 T__ --- 6962157 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/07 11:23:17.67 1.02 1.09 48.7018 19.2009 6.8 3.7 172 0.0f 12 8 125 0.32 1.06 sx BUD 17003856 BUD 183

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 4 BUD 17003856

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.32 229.5 Pg 11:23:24.922 0.6 T__ 22.0 --- ML 0.5 6962206 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.32 229.5 Lg 11:23:29.350 0.1 T__ --- 6962207 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
KECS 0.88 103.9 Lg 11:23:47.886 -0.4 T__ --- 6962208 FDSN SK -- BUD iLoc EHN ??? _
PSZ 0.91 149.2 Pn 11:23:36.873 -0.1 T__ 69.3 --- ML 1.8 6962213 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.91 149.2 Lg 11:23:50.792 0.4 T__ --- 6962215 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 0.91 102.6 Pg 11:23:35.958 0.2 T__ 57.8 --- ML 1.8 6962212 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.91 102.6 Lg 11:23:48.167 -1.1 T__ --- 6962209 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 0.94 151.2 Lg 11:23:49.650 -1.3 T__ --- 6962210 FDSN HU -- BUD iLoc HHN ??? _
NIE 1.02 44.8 Lg 11:23:52.301 1.0 T__ --- 6962217 FDSN PL -- BUD iLoc BHN ??? _
JAVC 1.02 279.4 Lg 11:23:51.798 -2.2 T__ --- 6962216 FDSN CZ -- BUD iLoc HHN ??? _
HU02A 1.06 122.8 Pn 11:23:39.480 0.6 T__ 55.7 --- ML 1.8 6962214 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.06 122.8 Lg 11:23:53.669 -0.9 T__ --- 6962211 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/07 12:32:25.19 3.16 0.55 46.7886 22.7995 30.6 14.2 26 0.0f 8 5 240 0.06 1.50 sx BUD 17003860 BUD 276

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.2 3 BUD 17003860

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.06 272.9 Pg 12:32:26.839 0.0 T__ 235.3 --- ML 0.8 6962321 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.06 272.9 Lg 12:32:28.362 -0.0 T__ --- 6962324 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1

```

```

(Station ML: 0.8 magdef=1
SIRR 0.94 236.9 Lg 12:32:57.702 -0.1 T__
GZR 1.40 180.7 Pn 12:32:52.190 0.8 T__ 51.0 --- ML 2.0 6962322 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.40 180.7 Sn 12:33:11.339 -0.0 T__ --- 6962326 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BZS 1.43 215.5 Sn 12:33:11.989 0.3 T__
LOT 1.50 152.9 Pn 12:32:52.609 -0.5 T__ 61.1 --- ML 2.1 6962328 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.50 152.9 Sn 12:33:13.752 -0.7 T__ --- 6962323 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/08 08:02:36.88 0.96 0.81 48.5085 17.5220 5.8 3.3 128 0.0f 12 8 135 0.21 1.48 sx BUD 17003862 BUD 210

```

```

Magnitude Err Nsta Author OrigID
ML 2.1 0.2 3 BUD 17003862

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.21 230.4 Pg 08:02:41.708 0.0 T__ --- 6962378 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.21 230.4 Lg 08:02:44.024 -1.6 T__ --- 6962380 FDSN SK -- BUD iLoc HHN ??? _
JAVC 0.36 15.6 Pg 08:02:44.863 0.1 T__ 119.5 --- ML 1.4 6962382 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.36 15.6 Lg 08:02:50.100 -0.8 T__ --- 6962381 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
VVHS 0.87 90.5 Lg 08:03:07.231 -0.0 T__ --- 6962383 FDSN SK -- BUD iLoc HHN ??? _
KRUC 0.93 307.0 Pg 08:02:55.514 0.8 T__ 114.8 --- ML 2.1 6962385 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 0.93 307.0 Lg 08:03:07.539 -0.8 T__ --- 6962384 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
VRAC 1.01 322.9 Lg 08:03:10.361 -0.4 T__ --- 6962386 FDSN CZ -- BUD iLoc HHN ??? _
RONA 1.15 225.9 Lg 08:03:15.309 0.6 T__ --- 6962387 FDSN OE -- BUD iLoc HHN ??? _
CONA 1.25 243.0 Pn 08:03:01.264 -0.1 T__ 108.5 --- ML 2.2 6962389 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 1.25 243.0 Lg 08:03:18.124 0.4 T__ --- 6962388 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
A013A 1.48 253.3 Lg 08:03:25.248 0.7 T__ --- 6962379 FDSN Z3 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/08 09:55:56.29 1.00 0.94 46.8856 17.2843 5.6 5.4 119 0.0f 9 6 130 0.11 1.15 sx BUD 17003866 BUD 216

```

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.3 3 BUD 17003866

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A261A 0.11 305.6 Pg 09:55:59.715 0.5 T__ 7842.2 --- ML 2.5 6962484 FDSN Z3 00 BUD iLoc HHZ HHZ _
A261A 0.11 305.6 Lg 09:56:01.019 -0.7 T__ --- 6962483 FDSN Z3 00 BUD iLoc HHE ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
A263A 0.25 175.1 Lg 09:56:05.273 -0.6 T__ --- 6962482 FDSN Z3 00 BUD iLoc HHE ??? _

```

```

MPLH 0.33 31.4 Pg 09:56:04.276 0.7 T__ 369.4 ___ ML 1.8 6962481 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.33 31.4 Lg 09:56:08.424 -0.8 T__ ___ 6962485 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
HU08A 0.70 38.4 Lg 09:56:20.968 -1.0 T__ ___ 6962486 FDSN ZJ 00 BUD iLoc HHN ??? _
KOVH 0.98 144.5 Pn 09:56:16.288 0.2 T__ 92.2 ___ ML 2.0 6962488 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.98 144.5 Lg 09:56:29.485 -0.3 T__ ___ 6962487 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MORH 1.15 125.1 Sn 09:56:34.012 -1.4 T__ ___ 6962489 FDSN HU -- BUD iLoc HHE ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/08 10:19:41.10 0.96 0.97 46.1170 18.0553 5.7 3.7 131 0.0f 10 5 121 0.04 1.11 sx BUD 17003868 BUD 208

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 5 BUD 17003868

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOVH 0.04 132.7 Pg 10:19:43.079 0.4 T__ 712.9 ___ ML 1.3 6962536 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.04 132.7 Lg 10:19:43.977 -0.3 T__ ___ 6962537 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
A273A 0.26 219.8 Pg 10:19:47.316 0.5 T__ 526.9 ___ ML 1.7 6962538 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.26 219.8 Lg 10:19:49.904 -1.0 T__ ___ 6962541 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 0.42 76.3 Pg 10:19:50.377 0.4 T__ 43.2 ___ ML 1.1 6962539 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.42 76.3 Lg 10:19:56.064 -0.7 T__ ___ 6962543 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
A266A 0.43 19.5 Pg 10:19:50.917 0.6 T__ 247.4 ___ ML 1.9 6962540 FDSN Z3 00 BUD iLoc HHZ HHZ _
A266A 0.43 19.5 Lg 10:19:56.093 -1.2 T__ ___ 6962542 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MPLH 1.11 341.5 Pn 10:20:02.891 0.1 T__ 89.0 ___ ML 2.1 6962545 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 1.11 341.5 Sn 10:20:17.767 -1.6 T__ ___ 6962544 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/08 10:21:19.43 1.12 0.99 48.5680 20.7665 6.0 5.3 174 0.0f 18 10 88 0.17 1.29 sx BUD 17003870 BUD 161

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 7 BUD 17003870

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 244.5 Pg 10:21:23.527 0.5 T__ 403.4 ___ ML 1.4 6962587 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 244.5 Lg 10:21:25.929 0.1 T__ ___ 6962591 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

```

KECS	0.21	245.7	Pg	10:21:24.083	0.3	T__	752.8	---	ML	1.7	6962588	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	245.7	Lg	10:21:27.043	-0.1	T__		---			6962592	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
ABAH	0.42	130.6	Lg	10:21:35.062	-0.1	T__		---			6962593	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.47	199.9	Pg	10:21:29.655	0.2	T__	45.1	---	ML	1.3	6962595	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.47	199.9	Lg	10:21:36.907	-0.3	T__		---			6962594	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
PSZ	0.87	222.2	Pg	10:21:38.480	0.6	T__	80.5	---	ML	1.9	6962589	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	222.2	Lg	10:21:49.575	-1.4	T__		---			6962597	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
NIE	0.90	340.3	Lg	10:21:48.336	-1.0	T__		---			6962596	FDSN	PL	--	BUD	iLoc	BHN	???	_
ET1H	0.91	221.3	Pn	10:21:38.918	0.5	T__	69.6	---	ML	1.9	6962590	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.91	221.3	Lg	10:21:50.912	-1.0	T__		---			6962598	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
HU03A	1.02	230.0	Pn	10:21:39.991	0.1	T__	131.1	---	ML	2.2	6962600	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	1.02	230.0	Lg	10:21:54.309	-1.3	T__		---			6962599	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																			
(Station ML: 2.2 magdef=0)																			
KOLS	1.06	69.3	Pn	10:21:42.200	1.5	T__		---			6962601	FDSN	SK	--	BUD	iLoc	HHZ	???	_
KOLS	1.06	69.3	Lg	10:21:55.217	-0.9	T__		---			6962602	FDSN	SK	--	BUD	iLoc	HHN	???	_
VYHS	1.29	267.4	Pn	10:21:44.125	0.4	T__	31.2	---	ML	1.7	6962604	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.29	267.4	Sn	10:22:00.922	-2.2	T__		---			6962603	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/08	10:34:26.31	0.86	0.94	47.1293	17.8868	4.4	3.8	87	0.0f		24	18	89	0.23	1.74	sx	BUD	17003872	BUD			111

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	6 BUD	17003872

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.23	178.9	Pg	10:34:31.761	0.3					T__		1896.3		---	ML	2.2	6962659	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.23	178.9	Lg	10:34:34.799	-0.7					T__				---		6962658	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
MPLH	0.24	279.9	Pg	10:34:31.683	-0.1					T__		304.4		---	ML	1.5	6962661	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.24	279.9	Lg	10:34:34.968	-1.1					T__				---		6962660	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
HU08A	0.30	4.8	Lg	10:34:38.148	-0.3					T__				---		6962662	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
CSKK	0.35	47.3	Lg	10:34:39.891	-0.2					T__				---		6962663	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.61	33.3	Lg	10:34:48.555	-0.7					T__				---		6962665	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
A262A	0.97	254.6	Lg	10:34:58.530	0.2					T__				---		6962666	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
BEHE	1.01	229.6	Lg	10:34:59.851	-0.1					T__				---		6962667	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU10A	1.05	46.6	Sn	10:35:03.506	-0.2					T__				---		6962671	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOVH	1.05	171.9	Pn	10:34:47.777	0.7					T__		68.6		---	ML	1.9	6962669	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	1.05	171.9	Lg	10:35:01.537	-1.2					T__				---		6962668	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MORH 1.05 150.1 Pn 10:34:47.771 0.8 T__ 56.3 --- ML 1.8 6962656 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 1.05 150.1 Lg 10:35:01.717 -0.9 T__ --- 6962670 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
MODS 1.31 341.9 Sn 10:35:08.622 -1.8 T__ --- 6962673 FDSN SK -- BUD iLoc HHN ??? _
KOGS 1.31 239.4 Lg 10:35:08.973 0.2 T__ --- 6962657 FDSN SL -- BUD iLoc BHN ??? _
AO11B 1.34 282.7 Lg 10:35:10.098 0.8 T__ --- 6962672 FDSN Z3 00 BUD iLoc HH2 ??? _
VYHS 1.51 24.8 Pn 10:34:55.557 1.8 T__ 29.2 --- ML 1.8 6962675 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.51 24.8 Sn 10:35:15.949 0.6 T__ --- 6962674 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 1.54 60.1 Sn 10:35:16.420 0.8 T__ --- 6962676 FDSN HU -- BUD iLoc HHN ??? _
PSZ 1.57 59.1 Sn 10:35:17.306 0.4 T__ --- 6962679 FDSN GE -- BUD iLoc HHN ??? _
ARSA 1.62 275.2 Pn 10:34:55.796 0.4 T__ 96.5 --- ML 2.4 6962678 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.62 275.2 Sn 10:35:17.986 1.4 T__ --- 6962677 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
JAVC 1.74 355.3 Sn 10:35:23.098 1.5 T__ --- 6962680 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/08	11:47:39.28	4.33	0.97	46.9050	22.7432	28.9	23.3	65	0.0f	6	4	283	0.12	1.62	sx	BUD	17003876	BUD				321

Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.12 191.0 Pg 11:47:42.014 0.0 T__ 577.2 --- ML 1.4 6962746 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.12 191.0 Lg 11:47:44.307 -0.0 T__ --- 6962747 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
SIRR 0.98 229.9 Lg 11:48:13.048 -0.2 T__ --- 6962750 FDSN RO -- BUD iLoc HHN ??? _
BZS 1.51 211.6 Pg 11:48:08.714 -0.0 T__ 56.3 --- ML 2.1 6962751 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.51 211.6 Sn 11:48:28.060 0.4 T__ --- 6962748 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
LOT 1.62 153.6 Sn 11:48:29.927 -1.6 T__ --- 6962749 FDSN RO -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/09	08:51:53.45	0.82	1.35	47.3655	18.4073	3.9	3.3	4	0.0f	32	25	49	0.10	1.97	sx	BUD	17003880	BUD				63

Magnitude Err Nsta Author OrigID  
ML 2.2 0.1 7 BUD 17003880

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
CSKK 0.10 268.7 Pg 08:51:56.638 0.5 T__ 4214.8 --- ML 2.2 6963115 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.10 268.7 Lg 08:51:57.258 -1.4 T__ --- 6963119 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
HU09A 0.27 356.5 Lg 08:52:03.913 -0.7 T__ --- 6963120 FDSN ZJ 00 BUD iLoc HHN ??? _

```

HU08A	0.34	281.5	Lg	08:52:05.051	-1.5	T__								6963121	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A271A	0.36	125.8	Lg	08:52:07.070	-0.5	T__								6963122	FDSN	Z3	00	BUD	iLoc	HHN	???	_
A267A	0.42	173.0	Lg	08:52:08.464	-1.0	T__								6963123	FDSN	Z3	00	BUD	iLoc	HHN	???	_
MPLH	0.62	252.0	Lg	08:52:14.319	-1.4	T__								6963124	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU10A	0.63	40.5	Lg	08:52:15.934	-1.1	T__								6963125	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
A272A	0.73	148.2	Lg	08:52:19.188	-0.9	T__								6963127	FDSN	Z3	00	BUD	iLoc	HHN	???	_
EGYH	0.73	274.4	Lg	08:52:18.160	-1.2	T__								6963126	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU01A	0.82	91.0	Pn	08:52:11.543	0.4	T__			409.4					6963131	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU01A	0.82	91.0	Lg	08:52:22.824	-0.9	T__								6963130	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																						
(Station ML: 2.6 magdef=0)																						
A266A	0.85	186.7	Lg	08:52:22.133	-0.7	T__								6963129	FDSN	Z3	00	BUD	iLoc	HHN	???	_
HU03A	0.97	55.8	Pn	08:52:14.003	0.9	T__			125.3					6963133	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.97	55.8	Lg	08:52:27.329	-0.8	T__								6963132	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
ET1H	1.12	62.0	Pn	08:52:16.757	1.5	T__			79.8					6963135	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.12	62.0	Sn	08:52:32.005	-0.5	T__								6963134	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																						
(Station ML: 2.0 magdef=0)																						
PSZ	1.15	60.6	Pn	08:52:16.951	1.1	T__			95.9					6963137	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.15	60.6	Sn	08:52:33.005	-0.8	T__								6963138	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																						
(Station ML: 2.1 magdef=1)																						
MORH	1.16	171.9	Pn	08:52:16.921	1.3	T__			116.7					6963136	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.16	171.9	Sn	08:52:31.921	-1.3	T__								6963116	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
VYHS	1.17	14.2	Lg	08:52:32.834	-1.2	T__								6963139	FDSN	SK	--	BUD	iLoc	HHN	???	_
MODS	1.26	323.4	Sn	08:52:34.980	-1.6	T__								6963117	FDSN	SK	--	BUD	iLoc	HHN	???	_
KOVH	1.30	189.5	Sn	08:52:36.178	-0.4	T__								6963118	FDSN	HU	--	BUD	iLoc	HHN	???	_
RONA	1.47	283.9	Sn	08:52:40.618	-0.4	T__								6963140	FDSN	OE	--	BUD	iLoc	HHN	???	_
JAVC	1.57	342.0	Sn	08:52:44.420	-0.5	T__								6963141	FDSN	CZ	--	BUD	iLoc	HHN	???	_
HU02A	1.62	61.3	Pn	08:52:24.564	2.3	T__			57.1					6963146	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.62	61.3	Sn	08:52:46.383	1.5	T__								6963145	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																						
(Station ML: 2.2 magdef=1)																						
KDGS	1.74	239.0	Sn	08:52:49.032	2.0	T__								6963147	FDSN	SL	--	BUD	iLoc	BHN	???	_
CONA	1.81	289.0	Lg	08:52:53.699	1.6	T__								6963142	FDSN	OE	--	BUD	iLoc	HHN	???	_
JDS	1.83	50.9	Sn	08:52:52.364	2.7	T__								6963143	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
ARSA	1.97	267.7	Sn	08:52:54.591	2.0	T__								6963144	FDSN	OE	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/09	09:50:04.67	1.00	1.43	48.2421	21.2482	5.1	4.4	148	0.0f		19	11	103	0.05	1.76	kx	BUD	17003882	BUD			152
2021/12/09	09:50:04.62	0.88	1.24	48.2470	21.2460f				0.0f		19	11	103	0.05	1.76	kx	BUD_GT	17003883	BUD_GT			151

(locality : Tallya Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.1	8 BUD_GT	17003883

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------	-------	-----	--------	----	------	-----	-----	-----	---

ABAH	0.05	355.1	Pg	09:50:06.942	0.7	T__	16818.7	---	ML	2.7	6963219	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.05	355.1	Lg	09:50:07.608	-0.2	T__		---			6963222	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.7 magdef=1)																			
(Station ML: 2.7 magdef=0)																			
HU02A	0.50	255.8	Pg	09:50:16.109	0.9	T__	75.2	---	ML	1.6	6963221	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.50	255.8	Lg	09:50:21.858	-1.4	T__		---			6963223	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
JOS	0.53	298.1	Pg	09:50:16.266	0.9	T__	98.9	---	ML	1.8	6963220	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.53	298.1	Lg	09:50:23.208	-0.3	T__		---			6963224	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KECS	0.56	295.3	Pg	09:50:16.835	0.9	T__	155.5	---	ML	2.0	6963226	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.56	295.3	Lg	09:50:23.947	-0.5	T__		---			6963225	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
TRPA	0.87	97.2	Pg	09:50:22.298	0.7	T__	98.1	---	ML	2.0	6963228	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.87	97.2	Lg	09:50:33.827	-2.3	T__		---			6963227	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
PSZ	0.96	250.6	Pn	09:50:24.438	0.0	T__	82.0	---	ML	1.9	6963229	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.96	250.6	Lg	09:50:37.207	-2.2	T__		---			6963230	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
KOLS	0.97	44.4	Lg	09:50:37.245	-1.7	T__		---			6963231	FDSN	SK	--	BUD	iLoc	HHN	???	_
ET1H	0.99	248.7	Pg	09:50:25.499	0.1	T__	55.6	---	ML	1.8	6963232	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.99	248.7	Lg	09:50:38.144	-1.8	T__		---			6963233	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
NIE	1.33	332.3	Pg	09:50:30.336	0.6	T__	33.5	---	ML	1.8	6963235	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.33	332.3	Lg	09:50:47.815	-1.4	T__		---			6963234	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
VYHS	1.63	279.6	Sn	09:50:56.668	0.3	T__		---			6963236	FDSN	SK	--	BUD	iLoc	HHN	???	_
DRGR	1.76	145.2	Lg	09:51:02.203	-1.9	T__		---			6963237	FDSN	RO	--	BUD	iLoc	HHE	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/09	10:06:09.33	1.14	0.82	48.4248	18.8124	7.8	4.9	24	0.0f		7	4	175	0.07	1.15	sx	BUD	17003884	BUD			248

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	4 BUD	17003884

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.07	12.8	Pg	10:06:11.498	0.4					T__		155.2		_c	ML	0.7	6963272	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.07	12.8	Lg	10:06:12.150	-0.4					T__				---		6963271	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
JAVC	0.87	300.3	Pg	10:06:27.726	0.5					T__		101.6		---	ML	2.0	6963273	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.87	300.3	Lg	10:06:39.465	-1.2					T__				---		6963274	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZ	0.88	124.6	Pg	10:06:28.263	0.3					T__		58.4		---	ML	1.8	6963275	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_

(Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1  
 JOS 1.15 85.8 Pn 10:06:32.023 0.3 T\_\_ 49.6 \_\_\_ ML 1.8 6963276 FDSN ZJ -- BUD iLoc HHZ HHZ \_  
 JOS 1.15 85.8 Lg 10:06:48.365 -0.7 T\_\_ \_\_\_ 6963277 FDSN ZJ -- BUD iLoc HHN ??? \_  
 (Reading ML: 1.8 magdef=1  
 (Station ML: 1.8 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/09	10:42:10.97	0.87	1.00	48.5070	19.3929	4.9	3.1	10	0.0f	17	10	112	0.37	1.41	sx	BUD	17003888	BUD				162

Magnitude Err Nsta Author OrigID  
 ML 1.7 0.0 7 BUD 17003888

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
VVHS	0.37	268.2	Pg	10:42:19.456	0.8					T__		40.6		___	ML	0.9 6963465	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VVHS	0.37	268.2	Lg	10:42:23.856	-0.4					T__				___		6963464	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 0.9 magdef=1 (Station ML: 0.9 magdef=0																										
PSZ	0.68	150.2	Pg	10:42:25.842	0.4					T__		70.3		___	ML	1.7 6963468	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	0.68	150.2	Lg	10:42:35.186	-0.7					T__				___		6963457	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																										
ET1H	0.71	152.8	Pg	10:42:26.575	0.7					T__		56.8		___	ML	1.6 6963459	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ET1H	0.71	152.8	Lg	10:42:35.981	-0.4					T__				___		6963458	FDSN	HU	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
KECS	0.73	91.5	Pg	10:42:25.554	0.1					T__		115.9		___	ML	2.0 6963462	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	0.73	91.5	Lg	10:42:35.781	-0.6					T__				___		6963461	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																										
JOS	0.76	90.4	Pg	10:42:26.824	0.7					T__		61.7		___	ML	1.7 6963463	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	0.76	90.4	Lg	10:42:37.238	-0.3					T__				___		6963467	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																										
HU02A	0.85	116.6	Pg	10:42:29.121	0.7					T__		53.0		___	ML	1.7 6963460	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	0.85	116.6	Lg	10:42:40.340	-1.2					T__				___		6963469	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																										
NIE	1.09	32.9	Pg	10:42:32.555	1.0					T__		44.1		___	ML	1.8 6963471	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_		
NIE	1.09	32.9	Lg	10:42:46.502	-0.9					T__				___		6963470	FDSN	PL	--	BUD	iLoc	BHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										
JAVC	1.19	287.8	Lg	10:42:50.908	-2.2					T__				___		6963472	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
ABAH	1.25	99.0	Sn	10:42:52.377	-0.8					T__				___		6963466	FDSN	HU	--	BUD	iLoc	HHN	???	_		
MODS	1.41	265.4	Sn	10:42:56.884	-1.2					T__				___		6963473	FDSN	SK	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/09	10:56:07.50	2.53	1.06	46.7778	22.7400	27.4	7.0	61	0.0f	6	4	233	0.02	1.40	sx	BUD	17003890	BUD				302

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.02	304.9	Pg	10:56:08.378	-0.1					T__		211.4		---	ML	0.7	6963502	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.02	304.9	Lg	10:56:09.649	0.2					T__				---		6963503	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
SIRR	0.90	236.0	Lg	10:56:38.753	-0.1					T__				---		6963504	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.39	178.9	Pg	10:56:33.870	0.1					T__		78.2		---	ML	2.2	6963506	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.39	178.9	Sn	10:56:51.598	-1.8					T__				---		6963505	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
BZS	1.40	214.3	Sn	10:56:53.047	-0.1					T__				---		6963507	FDSN	RO	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/12/10	08:06:03.26	0.84	0.77	47.5453	18.6906	5.5	2.7	150	0.0f		22	14	76	0.23	1.48	kx	BUD	17003892	BUD			128		
2021/12/10	08:06:03.25	0.83	0.77	47.5380	18.6920f				0.0f		22	14	77	0.23	1.49	kx	BUD_GT	17003893	BUD_GT			130		
(locality : Mány Hungary)																								
(GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.0	7 BUD_GT	17003893

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BUD	0.23	103.5	Lg	08:06:12.097	-0.9					T__				---		6963653	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU09A	0.23	295.8	Lg	08:06:12.055	-0.8					T__				---		6963660	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW1	0.33	243.9	Pg	08:06:10.938	0.7					T__		107.6		---	ML	1.2	6963661	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.33	243.9	Lg	08:06:15.491	-0.8					T__				---		6963662	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
CSKK	0.34	239.3	Pg	08:06:11.061	0.5					T__		116.9		---	ML	1.3	6963645	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.34	239.3	Lg	08:06:15.741	-1.0					T__				---		6963654	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU10A	0.38	35.6	Lg	08:06:16.969	-0.9					T__				---		6963655	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MSW2	0.40	234.4	Pg	08:06:12.262	0.6					T__		66.0		---	ML	1.2	6963664	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.40	234.4	Lg	08:06:17.933	-0.9					T__				---		6963663	FDSN	HU	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
MSW3	0.41	248.2	Pg	08:06:12.676	0.8					T__		63.9		---	ML	1.3	6963665	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.41	248.2	Lg	08:06:18.388	-0.7					T__				---		6963666	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MPLH	0.87	245.3	Lg	08:06:33.849	0.4					T__				---		6963656	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ET1H	0.87	66.4	Pn	08:06:22.071	0.5					T__		44.7		---	ML	1.6	6963647	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.87	66.4	Lg	08:06:33.964	-0.5					T__				---		6963646	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.90	64.4	Pn	08:06:22.071	-0.1					T__		55.0		---	ML	1.7	6963648	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.90	64.4	Lg	08:06:35.805	-0.1					T__				---		6963649	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=0)																									
VYHS	0.96	5.7	Pn	08:06:23.069	-0.0					T__		17.1		---	ML	1.3	6963651	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_

VYHS	0.96	5.7	Lg	08:06:35.882	-1.0	T__	---	6963650	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																
(Station ML: 1.3 magdef=1)																
MODS	1.27	311.8	Pn	08:06:27.941	0.5	T__	---	6963658	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.27	311.8	Sn	08:06:45.434	-1.1	T__	---	6963657	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORH	1.32	181.5	Sn	08:06:47.736	0.7	T__	---	6963659	FDSN	HU	--	BUD	iLoc	HHE	???	_
JAVC	1.49	333.0	Sn	08:06:51.227	-1.4	T__	---	6963652	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/10	08:19:26.75	2.57	0.74	46.8839	22.8723	44.7	8.6	153	0.0f	8	6	204	0.14	1.57	sx	BUD	17003894	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		
DRGR	0.14	230.2	Pg	08:19:30.293	0.3					T__		272.2		---	ML	1.1	6963699	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
DRGR	0.14	230.2	Lg	08:19:32.183	-0.6					T__				---		6963702	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
ARCR	1.03	78.2	Lg	08:20:01.207	-0.5					T__				---		6963701	FDSN	RO	--	BUD	iLoc	HHE	???	_		
SIRR	1.04	234.0	Pn	08:19:47.072	-0.5					T__		28.1		---	ML	1.5	6963703	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_	
SIRR	1.04	234.0	Lg	08:20:01.328	-1.1					T__				---		6963700	FDSN	RO	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=1)																										
GZR	1.49	182.6	Sn	08:20:15.494	0.1					T__				---		6963704	FDSN	RO	--	BUD	iLoc	HHN	???	_		
BZS	1.54	215.0	Lg	08:20:17.932	0.7					T__				---		6963705	FDSN	RO	--	BUD	iLoc	HHN	???	_		
LOT	1.57	156.2	Sn	08:20:17.719	0.0					T__				---		6963706	FDSN	RO	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/10	08:52:56.28	2.59	0.13	45.9764	18.3817	20.8	5.5	169	0.0f	5	3	262	0.23	0.56	kx	BUD	17003896	BUD			314	
2021/12/10	08:52:52.51	1.04	1.59	45.7928	18.4423f				0.0f	5	3	302	0.38	0.74	kx	BUD_GT	17003897	BUD_GT			332	
(locality : Beremend 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		
KOVH	0.38	321.2	Pg	08:53:01.405	0.7					T__		58.5		---	ML	1.1	6963725	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
KOVH	0.38	321.2	Lg	08:53:05.558	-1.1					T__				---		6963726	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.1 magdef=1)																										
(Station ML: 1.1 magdef=1)																										
MORH	0.44	18.3	Pg	08:53:02.809	0.9					T__		54.8		---	ML	1.3	6963724	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	0.44	18.3	Lg	08:53:08.117	-1.0					T__				---		6963727	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=1)																										
A266A	0.74	350.5	Lg	08:53:16.445	-2.5					T__				---		6963728	FDSN	Z3	00	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/10	09:04:08.75	0.85	1.37	48.6875	18.4263	5.6	3.6	18	0.0f	17	10	86	0.33	1.51	sx	BUD	17003898	BUD			129	

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 6 BUD 17003898

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.33	125.3	Pg	09:04:15.827	0.1					T__		26.1		---	ML	0.6 6963763	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.33	125.3	Lg	09:04:20.414	-0.4					T__				---		6963764	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=0)																								
JAVC	0.53	289.2	Lg	09:04:27.431	-0.8					T__				---		6963765	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MODS	0.83	248.1	Pg	09:04:25.671	0.1					T__				---		6963762	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.83	248.1	Lg	09:04:38.316	0.1					T__				---		6963766	FDSN	SK	--	BUD	iLoc	HHN	???	_
MORC	1.23	332.4	Pg	09:04:32.087	0.4					T__		75.2		---	ML	2.1 6963767	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.23	332.4	Lg	09:04:48.358	-0.5					T__				---		6963768	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																								
PSZ	1.25	127.6	Sn	09:04:49.472	-2.4					T__				---		6963769	FDSN	GE	--	BUD	iLoc	HHN	???	_
HU08A	1.30	195.2	Sn	09:04:52.346	-0.3					T__				---		6963772	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	1.38	97.7	Pn	09:04:34.029	-0.4					T__		70.4		---	ML	2.1 6963771	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	1.38	97.7	Sn	09:04:52.500	-2.3					T__				---		6963770	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0)																								
JOS	1.42	97.0	Pn	09:04:36.120	1.2					T__		39.5		---	ML	1.9 6963775	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.42	97.0	Sn	09:04:53.476	-2.1					T__				---		6963776	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																								
NIE	1.43	58.6	Pg	09:04:36.526	0.8					T__		35.2		---	ML	1.8 6963774	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.43	58.6	Lg	09:04:54.935	-0.9					T__				---		6963773	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																								
HU02A	1.51	111.2	Pn	09:04:38.358	2.0					T__		39.2		---	ML	1.9 6963778	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.51	111.2	Sn	09:04:56.705	-1.4					T__				---		6963777	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																								

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/12/10 09:16:18.23 1.01 1.06 47.0176 22.3262 6.7 6.4 6 0.0f 24 13 88 0.35 1.91 sx BUD 17003900 BUD 124

Magnitude Err Nsta Author OrigID  
 ML 2.2 0.2 11 BUD 17003900

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.35	130.4	Pg	09:16:26.121	0.7					T__		351.5		_c	ML	1.8 6963832	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.35	130.4	Lg	09:16:29.902	-1.3					T__				---		6963833	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0)																								
SIRR	0.88	211.7	Pg	09:16:35.995	-0.0					T__		59.3		---	ML	1.8 6963835	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.88	211.7	Lg	09:16:47.648	-1.5					T__				---		6963836	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0)																								
CJR	0.92	108.8	Pg	09:16:36.779	0.4					T__		399.7		---	ML	2.6 6963837	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	0.92	108.8	Lg	09:16:48.990	-1.4					T__				---		6963834	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.6 magdef=1)																								

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(Station ML: 2.6 magdef=0
HU05A 0.97 303.9 Lg 09:16:50.429 -2.1 T__
BMR 1.03 50.0 Pg 09:16:38.880 0.5 T__ 206.1 --- ML 2.4 6963840 FDSN ZJ 00 BUD iLoc HHN ??? _
BMR 1.03 50.0 Lg 09:16:52.826 -1.4 T__ --- 6963839 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
DEV 1.20 160.4 Pg 09:16:41.603 0.5 T__ 252.8 --- ML 2.6 6963841 FDSN RO -- BUD iLoc HHZ HHZ _
(Reading ML: 2.6 magdef=1
(Station ML: 2.6 magdef=0
ARCR 1.39 86.5 Pn 09:16:44.506 0.3 T__ 122.6 --- ML 2.4 6963842 FDSN RO -- BUD iLoc HHZ HHZ _
ARCR 1.39 86.5 Sn 09:17:03.039 -1.2 T__ --- 6963843 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=1
BZS 1.49 199.6 Pn 09:16:45.514 0.2 T__ 39.5 --- ML 1.9 6963845 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 1.49 199.6 Sn 09:17:05.349 -0.7 T__ --- 6963844 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
HU02A 1.65 312.8 Pn 09:16:48.203 0.8 T__ 40.8 --- ML 2.0 6963846 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 1.65 312.8 Sn 09:17:10.579 0.6 T__ --- 6963847 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
GZR 1.65 168.9 Pg 09:16:50.615 1.1 T__ 65.9 --- ML 2.2 6963849 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.65 168.9 Sn 09:17:10.140 -0.5 T__ --- 6963848 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
LOT 1.86 146.9 Pg 09:16:54.330 0.7 T__ 86.6 --- ML 2.5 6963850 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.86 146.9 Sn 09:17:16.582 0.3 T__ --- 6963851 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=1
ET1H 1.88 298.3 Sn 09:17:16.674 1.6 T__ --- 6963852 FDSN HU -- BUD iLoc HHN ??? _
JOS 1.91 321.5 Pn 09:16:52.461 1.5 T__ 44.0 --- ML 2.2 6963854 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.91 321.5 Pg 09:16:55.684 -0.1 T__ --- 6963855 FDSN ZJ -- BUD iLoc HHZ ??? _
JOS 1.91 321.5 Lg 09:17:21.779 -0.0 T__ --- 6963853 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/10 09:26:56.04 0.91 1.12 47.8564 19.1637 9.4 2.8 175 0.0f 17 10 151 0.10 1.41 kx BUD 17003902 BUD 176
2021/12/10 09:26:55.70 0.86 1.17 47.8355 19.1270f 0.0f 17 10 154 0.07 1.41 kx BUD_GT 17003903 BUD_GT 192
(locality : Sejce-Vác Hungary)
(GT info : GT2 explosion)

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 7 BUD_GT 17003903

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU10A 0.07 277.6 Pg 09:26:59.085 1.4 T__ 1433.1 --- ML 1.7 6963908 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.07 277.6 Lg 09:26:59.845 0.3 T__ --- 6963910 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU03A 0.33 77.7 Pg 09:27:03.688 0.9 T__ 148.2 --- ML 1.4 6963911 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.33 77.7 Lg 09:27:07.376 -0.8 T__ --- 6963912 FDSN ZJ 00 BUD iLoc HHN ??? _

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(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
ET1H 0.50 84.8 Pg 09:27:06.543 0.0 T__ 44.2 ___ ML 1.3 6963913 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.50 84.8 Lg 09:27:13.237 -1.1 T__ ___ 6963914 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
PSZ 0.52 80.6 Pg 09:27:07.176 0.1 T__ 65.1 ___ ML 1.6 6963915 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.52 80.6 Lg 09:27:13.777 -1.7 T__ ___ 6963909 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 343.6 Lg 09:27:19.428 -0.5 T__ ___ 6963916 FDSN SK -- BUD iLoc HHN ??? _
HU02A 0.98 72.5 Pn 09:27:15.748 0.0 T__ 34.7 ___ ML 1.6 6963918 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.98 72.5 Lg 09:27:28.889 -2.6 T__ ___ 6963917 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 1.12 54.0 Pn 09:27:17.945 0.4 T__ 69.9 ___ ML 2.0 6963919 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 1.12 54.0 Sn 09:27:32.759 -2.0 T__ ___ 6963920 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
JOS 1.15 54.5 Pg 09:27:19.015 0.5 T__ 36.1 ___ ML 1.7 6963922 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 1.15 54.5 Sn 09:27:34.263 -1.3 T__ ___ 6963921 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MPLH 1.27 238.9 Sn 09:27:37.480 -1.0 T__ ___ 6963923 FDSN HU -- BUD iLoc HHN ??? _
JAVC 1.41 317.1 Sn 09:27:43.206 -0.1 T__ ___ 6963924 FDSN CZ -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/10 10:14:15.70 1.05 1.05 48.5968 20.7561 6.2 4.0 174 0.0f 17 10 90 0.18 1.28 sx BUD 17003904 BUD 164

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Magnitude Err Nsta Author OrigID
ML 1.4 0.2 7 BUD 17003904

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.18 235.0 Pg 10:14:20.085 0.7 T__ 269.3 ___ ML 1.2 6963973 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.18 235.0 Lg 10:14:23.029 0.7 T__ ___ 6963972 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
KECS 0.21 237.8 Pg 10:14:20.585 0.4 T__ 587.6 ___ ML 1.7 6963971 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.21 237.8 Lg 10:14:23.653 0.0 T__ ___ 6963970 FDSN SK -- BUD iLoc EHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.44 132.9 Pg 10:14:25.506 0.8 T__ 75.8 ___ ML 1.4 6963974 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.44 132.9 Lg 10:14:31.580 -0.7 T__ ___ 6963975 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU02A 0.50 198.1 Pg 10:14:26.360 0.1 T__ 39.6 ___ ML 1.3 6963969 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 198.1 Lg 10:14:33.550 -0.7 T__ ___ 6963976 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
NIE 0.88 340.1 Lg 10:14:43.691 -1.0 T__ ___ 6963977 FDSN PL -- BUD iLoc BHN ??? _
PSZ 0.89 220.6 Pn 10:14:33.853 -0.7 T__ 54.4 ___ ML 1.7 6963979 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.89 220.6 Lg 10:14:46.126 -1.7 T__ ___ 6963978 FDSN GE -- BUD iLoc HHN ??? _

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.93 219.8 Lg 10:14:47.399 -1.4 T__ --- 6963980 FDSN HU -- BUD iLoc HHN ??? _
KOLS 1.06 70.9 Lg 10:14:50.968 -1.3 T__ --- 6963981 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.28 110.8 Pn 10:14:40.389 0.6 T__ 47.5 --- ML 1.9 6963984 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.28 110.8 Sn 10:14:58.023 -0.9 T__ --- 6963985 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
VYHS 1.28 266.1 Pn 10:14:40.102 0.1 T__ 17.0 --- ML 1.4 6963983 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.28 266.1 Sn 10:14:57.334 -1.9 T__ --- 6963982 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/10 11:00:33.92 0.97 0.77 48.1338 17.0237 8.8 3.3 131 0.0f 17 10 155 0.29 1.48 sx BUD 17003906 BUD 193

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Magnitude Err Nsta Author OrigID
ML 1.8 0.3 5 BUD 17003906

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.29 35.2 Pg 11:00:40.910 0.5 T__ --- 6964028 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.29 35.2 Lg 11:00:45.094 -0.5 T__ --- 6964035 FDSN SK -- BUD iLoc HHN ??? _
RONA 0.65 228.7 Pg 11:00:46.533 -0.5 T__ 54.0 --- ML 1.6 6964030 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.65 228.7 Lg 11:00:55.335 -0.4 T__ --- 6964036 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
CONA 0.81 255.7 Lg 11:01:00.375 -0.1 T__ --- 6964037 FDSN OE -- BUD iLoc HHN ??? _
JAVC 0.84 30.4 Lg 11:01:02.863 -1.5 T__ --- 6964038 FDSN CZ -- BUD iLoc HHN ??? _
KRUC 1.02 336.0 Pg 11:00:54.159 0.7 T__ 58.9 --- ML 1.8 6964029 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.02 336.0 Lg 11:01:07.904 -0.6 T__ --- 6964039 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VRAC 1.21 346.5 Lg 11:01:13.725 -0.9 T__ --- 6964040 FDSN CZ -- BUD iLoc HHN ??? _
VYHS 1.26 72.7 Pn 11:00:59.417 1.2 T__ 18.2 --- ML 1.5 6964032 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.26 72.7 Sn 11:01:16.153 -0.9 T__ --- 6964041 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
ARSA 1.34 229.5 Pn 11:00:59.728 0.2 T__ 59.9 --- ML 2.0 6964031 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 1.34 229.5 Lg 11:01:17.269 0.5 T__ --- 6964042 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
AO18A 1.37 254.1 Pn 11:01:00.667 0.7 T__ 67.2 --- ML 2.1 6964033 FDSN Z3 00 BUD iLoc HHZ HHZ _
AO18A 1.37 254.1 Lg 11:01:17.650 0.2 T__ --- 6964043 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
AO19A 1.48 242.9 Lg 11:01:20.795 -0.5 T__ --- 6964044 FDSN Z3 00 BUD iLoc HH2 ??? _
AO19A 1.48 242.9 Sg 11:01:21.849 0.5 T__ --- 6964034 FDSN Z3 00 BUD iLoc HH2 ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/10 11:54:16.20 1.09 0.96 47.8601 20.1545 7.6 3.2 157 0.0f 14 9 156 0.18 1.09 kx BUD 17003908 BUD 217

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2021/12/10 11:54:16.19 0.88 0.76 47.8650 20.1529f 0.0f 14 9 155 0.18 1.08 kx BUD\_GT 17003909 BUD\_GT 215  
 (locality : Kiszána Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.1 5 BUD\_GT 17003909

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.18	287.2	Pg	11:54:21.258	0.6					T__		430.9		---	ML	1.4 6964080	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.18	287.2	Lg	11:54:23.830	-0.5					T__				---		6964084	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
ET1H	0.19	274.4	Pg	11:54:21.510	0.9					T__		356.6		---	ML	1.4 6964081	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.19	274.4	Lg	11:54:23.974	-0.2					T__				---		6964085	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU02A	0.36	44.0	Pg	11:54:24.312	0.3					T__		98.3		---	ML	1.3 6964082	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.36	44.0	Lg	11:54:29.441	-0.7					T__				---		6964086	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																								
HU03A	0.37	276.2	Lg	11:54:29.718	-0.6					T__				---		6964087	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
HU01A	0.63	214.9	Lg	11:54:38.360	-1.3					T__				---		6964088	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.66	19.7	Lg	11:54:39.492	0.0					T__				---		6964089	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.68	22.1	Pg	11:54:30.086	0.2					T__		48.8		---	ML	1.6 6964083	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.68	22.1	Lg	11:54:40.127	-0.2					T__				---		6964090	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
ABAH	0.85	59.0	Pn	11:54:34.625	0.6					T__		73.2		---	ML	1.8 6964092	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.85	59.0	Lg	11:54:45.410	-1.4					T__				---		6964091	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
VYHS	1.08	306.0	Lg	11:54:52.740	-1.1					T__				---		6964093	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/12/10 13:25:04.94 2.11 0.45 48.0258 19.6452 13.2 4.5 150 0.0f 7 4 246 0.13 0.60 ke BUD 17003910 BUD 306

Magnitude Err Nsta Author OrigID  
 ML 0.7 0.1 4 BUD 17003910

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU03A	0.13	194.1	Pg	13:25:08.288	0.3					T__		143.0		---	ML	0.8 6964142	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.13	194.1	Lg	13:25:09.879	-0.6					T__				---		6964144	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																								
PSZ	0.20	122.6	Pg	13:25:10.224	0.5					T__		67.7		_d	ML	0.7 6964146	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.20	122.6	Lg	13:25:13.246	-0.3					T__				---		6964145	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=1)																								
ET1H	0.21	133.9	Pg	13:25:09.944	0.1					T__		55.9		_c	ML	0.6 6964147	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.21	133.9	Lg	13:25:13.363	-0.2					T__				---		6964143	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1 Station ML: 0.6 magdef=1)																								

HU02A 0.60 80.4 Pg 13:25:17.472 -0.0 T\_\_ 42.9 \_\_\_ ML 1.5 6964148 FDSN ZJ 00 BUD iLoc HHZ HHZ \_  
 (Reading ML: 1.5 magdef=1  
 (Station ML: 1.5 magdef=1

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/12/10 14:47:33.68 0.81 0.49 48.3883 17.2563 3.7 3.4 139 0.0f 23 13 67 0.02 1.63 sx BUD 17003912 BUD 106

Magnitude Err Nsta Author OrigID  
 ML 2.1 0.2 9 BUD 17003912

Sta	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	136.2	Pg	14:47:34.710	0.1					T__						6964196	FDSN	SK	--	BUD	iLoc	HHZ	???	_		
MODS	0.02	136.2	Lg	14:47:36.229	0.3					T__						6964197	FDSN	SK	--	BUD	iLoc	HHN	???	_		
JAVC	0.55	30.1	Pg	14:47:45.681	0.6					T__		264.9				6964201	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	0.55	30.1	Lg	14:47:53.274	-0.6					T__						6964200	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0																										
KRUC	0.88	320.1	Pg	14:47:50.733	0.1					T__		62.9				6964198	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
KRUC	0.88	320.1	Lg	14:48:03.285	-0.4					T__						6964202	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																										
RONA	0.94	223.4	Pg	14:47:52.809	0.4					T__		108.8				6964204	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
RONA	0.94	223.4	Lg	14:48:04.896	0.1					T__						6964203	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																										
VRAC	1.02	334.8	Pg	14:47:52.809	-0.2					T__		20.9				6964199	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
VRAC	1.02	334.8	Lg	14:48:07.995	0.0					T__						6964207	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																										
CONA	1.04	244.3	Pg	14:47:53.863	-0.4					T__		72.4				6964206	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
CONA	1.04	244.3	Lg	14:48:07.871	0.1					T__						6964205	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																										
VYHS	1.06	83.7	Pn	14:47:54.483	-0.6					T__		18.4				6964210	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	1.06	83.7	Lg	14:48:09.979	-0.3					T__						6964209	FDSN	SK	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																										
HU08A	1.06	154.6	Lg	14:48:09.483	-1.5					T__						6964208	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
A013A	1.28	256.0	Lg	14:48:14.999	0.1					T__						6964211	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
A011B	1.31	222.2	Lg	14:48:15.929	0.3					T__						6964212	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
MORC	1.40	7.6	Pn	14:47:59.752	-0.4					T__		64.5				6964214	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
MORC	1.40	7.6	Lg	14:48:19.896	0.6					T__						6964213	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																										
A018A	1.60	247.0	Pg	14:48:05.020	-0.0					T__		66.2				6964215	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_		
A018A	1.60	247.0	Sn	14:48:24.049	-0.3					T__						6964216	FDSN	Z3	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																										
ARSA	1.63	226.4	Pg	14:48:05.702	0.1					T__		64.4				6964218	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_		
ARSA	1.63	226.4	Sn	14:48:25.227	0.2					T__						6964217	FDSN	OE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																										

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/11	11:15:20.73	0.93	0.84	46.1195	21.6841	9.2	3.7	92	0.0f		11	6	145	0.15	1.45	sx	BUD	17003916	BUD			198

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	17003916

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.15	353.5	Pg	11:15:24.475	0.2					T__		385.6		___	ML	1.3	6964337	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.15	353.5	Lg	11:15:26.955	-0.3					T__				---		6964339	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
BZS	0.51	185.4	Pg	11:15:30.871	0.1					T__		59.1		___	ML	1.5	6964341	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.51	185.4	Lg	11:15:37.627	-0.5					T__				---		6964340	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
BANR	0.83	207.7	Lg	11:15:48.640	-0.3					T__				---		6964342	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	0.98	46.2	Pg	11:15:40.423	0.2					T__		81.9		---	ML	2.0	6964335	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.98	46.2	Lg	11:15:52.820	-1.9					T__				---		6964336	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
GZR	1.05	133.1	Pn	11:15:42.923	0.8					T__		54.7		---	ML	1.8	6964338	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.05	133.1	Lg	11:15:55.629	0.1					T__				---		6964343	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
CJR	1.45	65.2	Pn	11:15:48.615	1.0					T__		120.3		---	ML	2.4	6964345	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	1.45	65.2	Sn	11:16:08.078	-0.1					T__				---		6964344	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/11	13:04:50.56	4.50	1.67	46.8377	22.6090	35.0	15.0	161	0.0f		5	3	273	0.08	1.45	sx	BUD	17003918	BUD			325

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.08	123.3	Pg	13:04:52.668	0.0					T__		73.2		---	ML	0.4	6964369	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.08	123.3	Lg	13:04:54.454	-0.1					T__				---		6964371	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
BZS	1.40	209.8	Sn	13:05:34.213	-2.1					T__				---		6964372	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.45	175.3	Pg	13:05:18.136	0.1					T__		55.3		---	ML	2.0	6964373	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.45	175.3	Sn	13:05:39.086	1.1					T__				---		6964370	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/11	13:20:05.10	1.02	1.00	46.1918	17.3689	9.1	3.2	167	0.0f		9	6	132	0.06	0.89	ke	BUD	17003920	BUD			181

Magnitude Err Nsta Author OrigID  
ML 1.8 0.3 4 BUD 17003920

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A264A	0.06	239.8	Pg	13:20:07.453	0.3					T__		1103.2		___	ML	1.5	6964434	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.06	239.8	Lg	13:20:07.892	-1.1					T__				---		6964436	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A273A	0.42	131.3	Lg	13:20:18.518	-1.3					T__				---		6964437	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
KOVH	0.52	101.3	Pg	13:20:16.675	0.7					T__		97.2		---	ML	1.7	6964438	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.52	101.3	Lg	13:20:24.256	0.6					T__				---		6964435	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A266A	0.70	61.4	Pg	13:20:18.813	-0.7					T__		260.6		---	ML	2.3	6964439	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
KOGS	0.82	288.7	Lg	13:20:33.422	1.2					T__				---		6964440	FDSN	SL	--	BUD	iLoc	BHN	???	_	
MORH	0.89	88.0	Pg	13:20:23.305	0.4					T__		76.5		_c_	ML	1.9	6964433	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.89	88.0	Lg	13:20:36.129	-0.1					T__				---		6964441	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/13	09:38:50.30	4.30	0.81	46.8558	22.8033	32.1	10.4	175	0.0f		8	5	280	0.09	1.56	sx	BUD	17003924	BUD			307

Magnitude Err Nsta Author OrigID  
ML 2.0 0.5 3 BUD 17003924

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DRGR	0.09	224.6	Pg	09:38:52.541	0.0					T__		179.3		___	ML	0.8	6964542	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.09	224.6	Lg	09:38:54.389	-0.1					T__				---		6964549	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
SIRR	0.98	233.7	Lg	09:39:23.720	-0.5					T__				---		6964543	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	1.46	180.7	Pg	09:39:17.977	-0.1					T__		51.1		---	ML	2.0	6964545	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.46	180.7	Sn	09:39:37.445	-0.7					T__				---		6964544	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BZS	1.49	214.0	Lg	09:39:40.208	1.0					T__				---		6964546	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	1.56	154.2	Pg	09:39:20.057	0.1					T__		102.8		---	ML	2.4	6964547	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.56	154.2	Sn	09:39:39.845	-1.2					T__				---		6964548	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/13	10:21:58.19	1.04	1.11	48.5481	20.8027	6.1	3.7	7	0.0f		16	10	88	0.18	1.31	sx	BUD	17003926	BUD			159

Magnitude Err Nsta Author OrigID  
ML 1.6 0.2 6 BUD 17003926

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	253.5	Pg	10:22:02.559	0.5					T__		371.3		---	ML	1.4	6964584	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	253.5	Lg	10:22:05.195	0.1					T__				---		6964585	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
KECS	0.22	253.0	Pg	10:22:03.147	0.3					T__		785.2		---	ML	1.8	6964587	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.22	253.0	Lg	10:22:06.731	0.3					T__				---		6964586	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.39	130.7	Pg	10:22:06.878	0.7					T__		102.0		---	ML	1.4	6964591	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	130.7	Lg	10:22:11.825	-1.1					T__				---		6964590	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.46	203.6	Pg	10:22:08.796	0.7					T__		91.8		---	ML	1.6	6964588	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	203.6	Lg	10:22:14.893	-0.7					T__				---		6964592	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
PSZ	0.88	224.3	Pn	10:22:16.850	0.0					T__		87.0		---	ML	1.9	6964594	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.88	224.3	Lg	10:22:28.339	-1.5					T__				---		6964593	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ET1H	0.91	223.3	Lg	10:22:29.646	-1.1					T__				---		6964596	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.93	339.4	Lg	10:22:28.192	-0.8					T__				---		6964595	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU03A	1.03	231.7	Lg	10:22:33.142	-1.5					T__				---		6964598	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	1.05	67.8	Lg	10:22:32.569	-1.9					T__				---		6964597	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.31	268.4	Pn	10:22:23.780	0.9					T__		23.3		---	ML	1.6	6964589	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	268.4	Sn	10:22:40.854	-1.6					T__				---		6964599	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/13	11:53:16.30	0.88	0.95	48.3406	19.8544	4.2	3.3	144	0.0f		17	10	84	0.42	1.54	sx	BUD	17003928	BUD			140

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	7 BUD	17003928

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.42	176.4	Pg	11:53:26.063	0.4					T__		156.0		---	ML	1.7	6964645	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.42	176.4	Lg	11:53:31.382	-1.1					T__				---		6964649	FDSN	GE	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KECS	0.44	71.0	Pg	11:53:25.937	0.6					T__		189.4		---	ML	1.8	6964643	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.44	71.0	Lg	11:53:31.682	-0.5					T__				---		6964648	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ET1H	0.46	178.6	Lg	11:53:33.209	-0.2					T__				---		6964651	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU03A	0.47	201.4	Pg	11:53:26.906	0.6					T__		142.6		---	ML	1.8	6964653	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.47	201.4	Lg	11:53:33.023	-0.5					T__				---		6964652	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
JOS	0.48	70.9	Pg	11:53:26.635	0.6					T__		119.5		_c_	ML	1.7	6964642	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.48	70.9	Lg	11:53:32.539	-0.9					T__				---		6964650	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.50 115.7 Pg 11:53:27.599 0.7 T__ 106.2 ___ ML 1.7 6964644 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 115.7 Lg 11:53:33.663 -1.3 T__ ___ 6964654 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
VYHS 0.70 283.1 Pg 11:53:30.718 0.3 T__ 31.1 ___ ML 1.4 6964646 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.70 283.1 Lg 11:53:40.079 -0.6 T__ ___ 6964647 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
A338A 1.06 252.6 Sn 11:53:51.926 -2.0 T__ ___ 6964655 FDSN Z3 00 BUD iLoc HH2 ??? _
NIE 1.12 15.1 Pn 11:53:39.364 0.9 T__ 35.6 ___ ML 1.7 6964657 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.12 15.1 Lg 11:53:53.194 -0.6 T__ ___ 6964656 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JAVC 1.54 290.5 Sn 11:54:07.954 0.9 T__ ___ 6964658 FDSN CZ -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/13	12:10:55.75	1.38	1.37	47.5527	18.4362	12.0	3.4	101	0.0f	6	4	196		0.09	0.98	kx	BUD	17003930	BUD			235
2021/12/13	12:10:55.60	0.97	1.09	47.5600	18.4573f				0.0f	6	4	199		0.09	0.97	kx	BUD_GT	17003931	BUD_GT			246

(locality : Tatabánya Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
HU09A	0.09	327.2	Pg	12:10:58.922	0.9					T__		1060.3		___	ML	1.6	6964687	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU09A	0.09	327.2	Lg	12:10:59.972	-0.4					T__				___		6964692	FDSN	ZJ	00	BUD	iLoc	HHE	???	_		
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
CSKK	0.24	214.2	Pg	12:11:01.456	0.6					T__		114.2		___	ML	1.0	6964688	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
CSKK	0.24	214.2	Lg	12:11:04.142	-1.4					T__				___		6964690	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																										
HU08A	0.38	250.6	Lg	12:11:08.988	-1.3					T__				___		6964689	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
VYHS	0.97	15.1	Lg	12:11:28.484	-1.0					T__				___		6964691	FDSN	SK	--	BUD	iLoc	HHN	???	_		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/13	12:34:00.02	1.29	0.84	47.5585	18.4847	10.7	3.8	102	0.0f	6	3	203		0.11	0.97	kx	BUD	17003932	BUD			305
2021/12/13	12:34:00.20	0.98	0.63	47.5600	18.4573f				0.0f	6	3	199		0.09	0.97	kx	BUD_GT	17003933	BUD_GT			312

(locality : Tatabánya Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
ML 1.5 0.4 3 BUD\_GT 17003933

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
HU09A	0.09	327.2	Pg	12:34:03.193	0.6					T__		1564.7		___	ML	1.8	6964729	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_	
HU09A	0.09	327.2	Lg	12:34:04.576	-0.4					T__				___		6964732	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1																										

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(Station ML: 1.8 magdef=1
CSKK 0.24 214.2 Pg 12:34:05.991 0.5 T__ 136.2 _c_ ML 1.1 6964730 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.24 214.2 Lg 12:34:09.225 -0.9 T__ --- 6964733 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
VYHS 0.97 15.1 Pg 12:34:19.590 -0.3 T__ 30.1 --- ML 1.5 6964731 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.97 15.1 Lg 12:34:33.507 -0.6 T__ --- 6964734 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/13	14:00:30.57	0.92	0.69	47.2470	16.3707	5.5	3.9	90	0.0f	18	12	83	0.23	1.82	sx	BUD	17003938	BUD				136

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Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 17003938

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A260A	0.23	80.8	Lg	14:00:39.433	0.0					T__						6964889	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
A262A	0.40	164.3	Lg	14:00:44.472	0.0					T__						6964896	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
SOP	0.45	16.2	Lg	14:00:46.420	0.0					T__						6964897	FDSN	HU	--	BUD	iLoc	HHE	???	_	
RONA	0.46	353.7	Pg	14:00:39.472	-0.5					T__	69.4				ML	1.4	6964890	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.46	353.7	Lg	14:00:46.319	0.0					T__						6964892	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
ARSA	0.58	270.7	Lg	14:00:49.167	0.1					T__						6964898	FDSN	OE	--	BUD	iLoc	HHE	???	_	
CONA	0.76	333.4	Pg	14:00:45.567	-0.2					T__	69.8				ML	1.8	6964891	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.76	333.4	Lg	14:00:57.058	1.3					T__						6964894	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
KOGS	0.80	185.9	Pg	14:00:46.867	0.4					T__	108.2				ML	2.0	6964883	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.80	185.9	Lg	14:00:56.558	-0.3					T__						6964893	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
A018A	1.01	300.0	Pg	14:00:49.769	-0.3					T__	55.8				ML	1.8	6964882	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	1.01	300.0	Sn	14:01:05.299	-0.9					T__						6964895	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MODS	1.28	28.1	Pn	14:00:55.730	0.6					T__						6964881	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	1.28	28.1	Sn	14:01:12.964	-0.5					T__						6964884	FDSN	SK	--	BUD	iLoc	HHN	???	_	
OBKA	1.45	240.1	Pn	14:00:59.212	1.2					T__	96.1				ML	2.3	6964886	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.45	240.1	Lg	14:01:16.499	-0.9					T__						6964885	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									
CRES	1.56	204.3	Sn	14:01:21.080	1.2					T__						6964887	FDSN	SL	--	BUD	iLoc	BHN	???	_	
KRUC	1.82	0.5	Sn	14:01:25.977	-0.2					T__						6964888	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/14	07:23:03.43	1.24	1.13	47.3054	18.3174	8.6	4.7	96	0.0f	7	5	107	0.07	1.20	kx	BUD	17003942	BUD				195
2021/12/14	07:23:03.61	0.98	0.98	47.3167	18.3081f				0.0f	7	5	106	0.06	1.20	kx	BUD_GT	17003943	BUD_GT				193

(locality : Magyaralmás Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.06	325.1	Pg	07:23:06.323	0.9					T__		1596.5		---	ML	1.7	6964981	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.06	325.1	Lg	07:23:06.855	-0.5					T__				---		6964982	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU09A	0.33	8.9	Lg	07:23:15.437	-1.1					T__				---		6964983	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MPLH	0.54	254.6	Pg	07:23:15.206	0.3					T__		68.6		---	ML	1.6	6964985	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.54	254.6	Lg	07:23:22.253	-1.1					T__				---		6964984	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
MORH	1.13	168.1	Lg	07:23:41.151	-1.2					T__				---		6964986	FDSN	HU	--	BUD	iLoc	HHE	???	_	
ET1H	1.20	61.4	Sn	07:23:43.717	-0.9					T__				---		6964987	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/14	07:27:57.79	1.02	0.93	46.0535	22.8695	7.3	4.2	74	0.0f		11	6	141	0.17	0.98	sx	BUD	17003944	BUD			208

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	5 BUD	17003944

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.17	172.1	Pg	07:28:01.352	0.3					T__		857.7		---	ML	1.7	6965044	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.17	172.1	Lg	07:28:03.267	-0.2					T__				---		6965043	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
GZR	0.66	185.7	Pg	07:28:10.592	0.1					T__		51.1		---	ML	1.6	6965045	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.66	185.7	Lg	07:28:19.289	-0.7					T__				---		6965046	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
DRGR	0.75	351.6	Pg	07:28:13.218	0.4					T__		58.7		---	ML	1.7	6965048	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.75	351.6	Lg	07:28:23.564	-1.3					T__				---		6965047	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
SIRR	0.87	284.7	Lg	07:28:27.019	-1.0					T__				---		6965042	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LOT	0.87	133.5	Pg	07:28:15.053	0.5					T__		71.3		---	ML	1.8	6965050	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.87	133.5	Lg	07:28:26.888	-0.5					T__				---		6965049	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
BZS	0.98	243.9	Pg	07:28:18.096	1.2					T__		56.0		---	ML	1.8	6965041	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.98	243.9	Lg	07:28:29.425	-1.2					T__				---		6965051	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/14	10:16:15.83	1.11	1.04	48.6348	21.4593	7.2	4.8	2	0.0f		16	10	104	0.37	2.03	sx	BUD	17003946	BUD			168

Magnitude	Err	Nsta	Author	OrigID
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ML 1.8 0.1 6 BUD 17003946

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.37	203.4	Pg	10:16:24.052	0.6					T__		140.1		---	ML	1.5	6965184	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	203.4	Lg	10:16:28.999	-0.9					T__				---		6965189	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
KOLS	0.62	60.7	Lg	10:16:36.283	-1.5					T__				---		6965190	FDSN	SK	--	BUD	iLoc	HNN	???	_	
JOS	0.63	257.5	Pg	10:16:28.727	0.4					T__		76.8		---	ML	1.7	6965183	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.63	257.5	Lg	10:16:37.769	-0.0					T__				---		6965191	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KECS	0.66	257.2	Pg	10:16:29.647	0.5					T__		88.5		---	ML	1.8	6965185	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.66	257.2	Lg	10:16:38.982	-0.1					T__				---		6965192	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
HU02A	0.81	230.9	Pg	10:16:32.333	-0.2					T__		50.4		---	ML	1.7	6965186	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.81	230.9	Lg	10:16:43.610	-1.4					T__				---		6965193	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
TRPA	0.88	124.6	Pg	10:16:33.699	0.8					T__		121.8		---	ML	2.1	6965195	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	0.88	124.6	Lg	10:16:45.242	-2.1					T__				---		6965194	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
NIE	1.09	316.2	Lg	10:16:52.255	-0.5					T__				---		6965196	FDSN	PL	--	BUD	iLoc	BHN	???	_	
PSZ	1.27	236.1	Sn	10:16:58.110	-1.0					T__				---		6965197	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	1.30	235.1	Sn	10:16:58.967	-0.5					T__				---		6965198	FDSN	HU	--	BUD	iLoc	HNN	???	_	
DRGR	2.03	154.9	Pg	10:16:55.519	0.5					T__		43.0		---	ML	2.3	6965188	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	2.03	154.9	Sn	10:17:18.764	1.2					T__				---		6965187	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/14	10:22:44.83	1.00	1.21	46.0066	22.8367	7.0	4.0	61	0.0f		12	6	136	0.13	0.94	sx	BUD	17003948	BUD			202

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	6 BUD	17003948

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DEV	0.13	159.3	Pg	10:22:47.562	0.2					T__		539.9		---	ML	1.4	6965235	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.13	159.3	Lg	10:22:49.317	0.1					T__				---		6965240	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
GZR	0.61	183.9	Pg	10:22:57.141	0.5					T__		107.4		---	ML	1.9	6965236	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.61	183.9	Lg	10:23:05.119	-0.3					T__				---		6965241	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
DRGR	0.79	353.7	Pg	10:23:01.555	0.8					T__		80.0		---	ML	1.8	6965239	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.79	353.7	Lg	10:23:10.172	-2.7					T__				---		6965242	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
SIRR	0.86	288.1	Pg	10:23:02.699	0.4					T__		50.4		---	ML	1.7	6965238	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

SIRR	0.86	288.1	Lg	10:23:13.710	-1.0	T__								6965244	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
LOT	0.86	130.2	Pn	10:23:03.514	-0.5	T__	238.1							6965237	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.86	130.2	Lg	10:23:12.185	-1.7	T__								6965243	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.4 magdef=1)																						
(Station ML: 2.4 magdef=0)																						
BZS	0.94	245.9	Pg	10:23:03.345	0.2	T__	51.3							6965246	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.94	245.9	Lg	10:23:16.004	-0.4	T__								6965245	FDSN	RO	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/14	10:34:18.17	1.22	0.99	47.2413	18.3144	7.0	5.6	115	0.0f		9	7	109	0.13	1.23	kx	BUD	17003950	BUD			129
2021/12/14	10:34:18.34	0.96	0.98	47.2302	18.2835f				0.0f		9	7	107	0.13	1.26	kx	BUD_GT	17003951	BUD_GT			128
(locality : Iszkaszentgyörgy Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.13	353.3	Lg	10:34:23.990	-0.8					T__						6965276	FDSN	HU	--	BUD	iLoc	HHN	???	_	
HU08A	0.32	309.6	Pg	10:34:26.084	0.9					T__		94.2			ML	1.2	6965278	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.32	309.6	Lg	10:34:29.860	-1.0					T__						6965277	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MPLH	0.51	263.5	Pg	10:34:29.750	0.8					T__		50.3			ML	1.4	6965280	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.51	263.5	Lg	10:34:36.398	-0.6					T__						6965279	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU10A	0.79	38.7	Lg	10:34:45.543	-2.0					T__						6965281	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
MORH	1.05	166.2	Lg	10:34:53.950	-0.4					T__						6965282	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOVH	1.15	186.4	Sn	10:34:57.574	-0.2					T__						6965283	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ET1H	1.26	58.3	Sn	10:35:00.696	-0.1					T__						6965284	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/14	10:38:11.61	0.97	0.94	48.2151	19.7846	5.2	3.6	120	0.0f		14	9	92	0.31	1.25	sx	BUD	17003952	BUD			173

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	5 BUD	17003952

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.31	166.0	Pg	10:38:19.116	0.6					T__		355.7			ML	1.7	6965314	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.31	166.0	Lg	10:38:22.972	-0.9					T__						6965319	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU03A	0.34	201.8	Lg	10:38:23.676	-0.6					T__						6965320	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.34	170.2	Pg	10:38:19.708	0.6					T__		174.2			ML	1.5	6965322	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.34	170.2	Lg	10:38:24.176	-0.5					T__						6965321	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									

```

(Station ML: 1.5 magdef=0
HU02A 0.50 100.3 Pg 10:38:22.438 0.1 T__ 92.2 --- ML 1.7 6965315 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.50 100.3 Lg 10:38:29.432 -1.1 T__ --- 6965323 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KECS 0.54 59.9 Lg 10:38:30.360 -0.4 T__ --- 6965324 FDSN SK -- BUD iLoc EHN ??? _
JOS 0.58 60.6 Pg 10:38:24.016 0.8 T__ 60.5 --- ML 1.6 6965316 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.58 60.6 Lg 10:38:31.569 -0.4 T__ --- 6965325 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
VYHS 0.69 294.2 Lg 10:38:34.909 -1.0 T__ --- 6965326 FDSN SK -- BUD iLoc HHN ??? _
ABAH 0.98 84.7 Pn 10:38:33.002 1.7 T__ 78.7 --- ML 1.9 6965317 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.98 84.7 Lg 10:38:44.890 -1.3 T__ --- 6965318 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
NIE 1.25 15.6 Lg 10:38:52.978 -0.5 T__ --- 6965327 FDSN PL -- BUD iLoc BHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/14 10:47:46.22 2.05 0.73 47.9837 19.6706 14.9 3.5 158 0.0f 7 4 225 0.09 0.59 kx BUD 17003954 BUD 308
2021/12/14 10:47:45.55 0.97 0.77 48.0061 19.6278f 0.0f 7 4 248 0.10 0.61 kx BUD_GT 17003955 BUD_GT 311
(locality : Nagylóc Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.3 0.1 3 BUD_GT 17003955

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU03A 0.10 190.5 Pg 10:47:48.968 0.8 T__ 462.9 --- ML 1.3 6965363 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.10 190.5 Lg 10:47:49.952 -0.4 T__ --- 6965362 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.20 116.0 Pg 10:47:50.874 0.5 T__ 298.5 --- ML 1.3 6965364 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.20 116.0 Lg 10:47:53.268 -1.0 T__ --- 6965365 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ET1H 0.21 127.7 Pg 10:47:50.388 0.0 T__ 89.3 --- ML 0.8 6965360 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.21 127.7 Lg 10:47:53.540 -0.5 T__ --- 6965361 FDSN HU -- BUD iLoc HHE ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
HU02A 0.61 78.7 Lg 10:48:07.094 -1.1 T__ --- 6965366 FDSN ZJ 00 BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/14 11:00:21.44 0.87 1.32 48.1469 17.0028 5.0 3.4 116 0.0f 14 8 85 0.29 1.27 sx BUD 17003956 BUD 137

```

```

Magnitude Err Nsta Author OrigID
ML 1.8 0.1 5 BUD 17003956

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
MODS 0.29 38.9 Pg 11:00:28.453 0.6 T__ --- 6965421 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.29 38.9 Lg 11:00:32.096 -1.0 T__ --- 6965425 FDSN SK -- BUD iLoc HHN ??? _

```

RONA	0.65	227.0	Pg	11:00:34.817	0.3	T__	47.2	___	ML	1.5	6965426	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.65	227.0	Lg	11:00:42.158	-1.1	T__		---			6965427	FDSN	OE	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
EGYH	0.76	163.0	Pg	11:00:37.706	0.8	T__	263.8	___	ML	2.3	6965429	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	0.76	163.0	Lg	11:00:47.227	-0.9	T__		---			6965428	FDSN	HU	--	BUD	iLoc	HNN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			
CONA	0.80	254.5	Pg	11:00:37.451	0.2	T__	71.2	___	ML	1.8	6965431	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.80	254.5	Lg	11:00:47.132	-0.5	T__		---			6965430	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JAVC	0.84	31.7	Lg	11:00:49.937	-1.8	T__		---			6965432	FDSN	CZ	--	BUD	iLoc	HNN	???	_
KRUC	1.00	336.5	Pg	11:00:41.815	1.2	T__	60.9	___	ML	1.8	6965433	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.00	336.5	Lg	11:00:55.180	-0.3	T__		---			6965422	FDSN	CZ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
MPLH	1.04	159.4	Lg	11:00:56.999	-0.3	T__		---			6965434	FDSN	HU	--	BUD	iLoc	HNN	???	_
VYHS	1.27	73.5	Pn	11:00:47.627	1.8	T__	22.4	___	ML	1.6	6965424	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	73.5	Sn	11:01:02.201	-2.7	T__		---			6965423	FDSN	SK	--	BUD	iLoc	HNN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/14	11:16:39.05	3.51	0.41	48.4746	20.7245	22.0	8.4	68	0.0f		6	4	280	0.12	0.79	sx	BUD	17003958	BUD			305

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.12	279.9	Pg	11:16:41.662	-0.1					T__		51.6		___	ML	0.4	6965487	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.12	279.9	Lg	11:16:44.335	0.3					T__				---		6965489	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 0.4 magdef=1)																									
(Station ML: 0.4 magdef=1)																									
KECS	0.16	273.2	Pg	11:16:42.559	0.1					T__	106.4			___	ML	0.8	6965490	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.16	273.2	Lg	11:16:45.159	-0.0					T__				---		6965488	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									
HU02A	0.38	200.8	Lg	11:16:53.783	0.3					T__				---		6965491	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
PSZ	0.79	225.2	Lg	11:17:07.116	-0.5					T__				---		6965492	FDSN	GE	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2021/12/14	11:32:37.39	1.04	1.60	48.8424	21.2235	6.8	4.1	158	0.0f		15	9	128	0.55	1.32	sx	BUD	17003960	BUD					208

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.2	5 BUD	17003960

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.55	178.9	Pg	11:32:50.242	1.8					T__		89.5		___	ML	1.8	6965523	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.55	178.9	Lg	11:32:55.720	-1.9					T__				---		6965534	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.8 magdef=1)																									

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(Station ML: 1.8 magdef=1
JOS 0.57 232.8 Pg 11:32:49.795 1.0 T__ 63.1 ___ ML 1.6 6965535 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.57 232.8 Lg 11:32:56.603 -0.8 T__ ___ 6965536 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KECS 0.61 234.0 Pg 11:32:49.602 0.1 T__ 106.3 ___ ML 1.9 6965524 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.61 234.0 Lg 11:32:57.714 -0.9 T__ ___ 6965537 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
KOLS 0.70 82.1 Pg 11:32:51.226 0.4 T__ ___ 6965525 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 0.70 82.1 Lg 11:33:00.747 -1.4 T__ ___ 6965526 FDSN SK -- BUD iLoc HHN ??? _
NIE 0.84 313.9 Lg 11:33:05.376 0.3 T__ ___ 6965527 FDSN PL -- BUD iLoc BHN ??? _
HU02A 0.86 213.1 Pg 11:32:55.638 0.6 T__ 39.8 ___ ML 1.6 6965529 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.86 213.1 Lg 11:33:05.691 -2.5 T__ ___ 6965528 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
TRPA 1.13 128.7 Pg 11:32:59.455 0.3 T__ 75.3 ___ ML 2.0 6965530 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.13 128.7 Lg 11:33:14.189 -2.2 T__ ___ 6965531 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
PSZ 1.28 224.3 Sn 11:33:18.732 -2.3 T__ ___ 6965532 FDSN GE -- BUD iLoc HHN ??? _
ET1H 1.32 223.6 Sn 11:33:19.941 -1.6 T__ ___ 6965533 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/14 12:36:28.04 1.08 0.69 46.1368 16.4147 8.5 4.3 119 11.0f 11 7 141 0.33 1.35 ke BUD 17003962 BUD 196

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Magnitude Err Nsta Author OrigID
ML 1.6 0.4 4 BUD 17003962

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOGS 0.33 340.0 Pg 12:36:34.646 -0.3 T__ 134.1 ___ ML 1.3 6965573 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.33 340.0 Lg 12:36:39.574 -0.0 T__ ___ 6965569 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PTJ 0.39 233.7 Pg 12:36:35.763 -0.5 T__ 79.7 ___ ML 1.3 6965574 FDSN CR -- BUD iLoc BHZ BHZ _
PTJ 0.39 233.7 Lg 12:36:42.021 -0.2 T__ ___ 6965570 FDSN CR -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
BEHE 0.42 36.7 Lg 12:36:43.210 0.6 T__ ___ 6965575 FDSN HU -- BUD iLoc HHN ??? _
CRES 0.74 245.4 Pg 12:36:42.997 1.0 T__ 76.8 ___ ML 1.8 6965577 FDSN SL -- BUD iLoc BHZ BHZ _
CRES 0.74 245.4 Lg 12:36:53.529 0.3 T__ ___ 6965576 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
KOVH 1.17 91.8 Pn 12:36:48.829 -0.4 T__ 49.5 ___ ML 1.8 6965572 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.17 91.8 Lg 12:37:05.638 -0.2 T__ ___ 6965571 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ARSA 1.27 331.5 Lg 12:37:08.689 0.3 T__ ___ 6965578 FDSN OE -- BUD iLoc HHN ??? _
OBKA 1.35 286.7 Sn 12:37:11.615 1.3 T__ ___ 6965579 FDSN OE -- BUD iLoc HHN ??? _

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/14	13:24:43.07	1.51	0.37	48.5368	20.8150	10.9	3.9	12	0.0f	10	6	232	0.19	0.91	sx	BUD	17003964	BUD				307

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	0.1	4 BUD	17003964

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
JOS	0.19	257.5	Pg	13:24:46.796	-0.2					T__		286.8		___	ML	1.3	6965664	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.19	257.5	Lg	13:24:50.817	0.7					T__				---		6965668	FDSN	ZJ	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.23	256.4	Pg	13:24:47.489	-0.3					T__		600.7		___	ML	1.7	6965665	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.23	256.4	Lg	13:24:51.835	0.4					T__				---		6965669	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ABAH	0.37	130.3	Pg	13:24:50.807	0.0					T__		90.0		___	ML	1.3	6965666	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	130.3	Lg	13:24:57.018	-0.3					T__				---		6965670	FDSN	HU	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.46	205.1	Pg	13:24:52.582	-0.2					T__		34.4		___	ML	1.1	6965667	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.46	205.1	Lg	13:25:00.424	0.2					T__				---		6965671	FDSN	ZJ	00	BUD	iLoc	HNN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
PSZ	0.87	225.2	Lg	13:25:14.523	-0.1					T__				---		6965672	FDSN	GE	--	BUD	iLoc	HNN	???	_	
ET1H	0.91	224.2	Lg	13:25:15.690	0.2					T__				---		6965673	FDSN	HU	--	BUD	iLoc	HNN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/15	09:13:45.91	2.00	1.22	46.8460	22.8050	16.8	7.7	162	0.0f	9	6	202	0.08	1.55	sx	BUD	17003968	BUD				279

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	3 BUD	17003968

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
DRGR	0.08	229.8	Pg	09:13:48.336	0.3					T__		267.8		_c_	ML	1.0	6965833	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.08	229.8	Lg	09:13:49.262	-0.6					T__				---		6965838	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
SIRR	0.98	234.2	Lg	09:14:18.601	-1.1					T__				---		6965839	FDSN	RO	--	BUD	iLoc	HNN	???	_	
ARCR	1.09	76.7	Lg	09:14:21.452	-1.2					T__				---		6965834	FDSN	RO	--	BUD	iLoc	HNN	???	_	
GZR	1.45	180.8	Pg	09:14:14.298	0.8					T__		47.3		___	ML	2.0	6965840	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	1.45	180.8	Lg	09:14:32.494	-1.1					T__				---		6965835	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
BZS	1.48	214.3	Sn	09:14:33.115	-0.5					T__				---		6965841	FDSN	RO	--	BUD	iLoc	HNN	???	_	
LOT	1.55	154.0	Pn	09:14:14.542	-0.0					T__		65.4		___	ML	2.2	6965837	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	1.55	154.0	Sn	09:14:34.536	-1.9					T__				---		6965836	FDSN	RO	--	BUD	iLoc	HNN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------	-----	-------	-----	-----

2021/12/15 09:21:03.72 1.01 0.79 46.9697 17.3077 7.8 4.2 147 0.0f 7 5 137 0.11 1.19 sx BUD 17003970 BUD 228

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.11	260.8	Pg	09:21:07.077	0.5					T__		5086.6		---	ML	2.3	6965866	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A261A	0.11	260.8	Lg	09:21:08.193	-0.8					T__				---		6965867	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
MPLH	0.26	38.2	Pg	09:21:09.969	0.5					T__		283.5		---	ML	1.5	6965870	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.26	38.2	Lg	09:21:13.101	-1.0					T__				---		6965871	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
A263A	0.33	179.1	Lg	09:21:15.511	-0.5					T__				---		6965872	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOVH	1.04	147.9	Lg	09:21:38.842	-0.4					T__				---		6965873	FDSN	HU	--	BUD	iLoc	HHE	???	_	
MORH	1.19	128.9	Sn	09:21:43.563	-0.2					T__				---		6965874	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/12/15 10:24:47.27 1.05 1.13 48.5412 20.7916 6.5 3.7 7 0.0f 14 9 87 0.17 1.30 sx BUD 17003974 BUD 158

Magnitude Err Nsta Author OrigID  
 ML 1.8 0.0 5 BUD 17003974

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	254.9	Pg	10:24:51.608	0.7					T__		206.2		---	ML	1.1	6965980	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	254.9	Lg	10:24:54.250	0.4					T__				---		6965984	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
KECS	0.21	254.2	Pg	10:24:52.111	0.4					T__		815.4		---	ML	1.8	6965981	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	254.2	Lg	10:24:55.298	0.1					T__				---		6965985	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.39	129.2	Pg	10:24:56.199	0.9					T__		79.8		---	ML	1.3	6965982	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.39	129.2	Lg	10:25:00.803	-1.2					T__				---		6965986	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU02A	0.46	203.1	Lg	10:25:03.885	-0.5					T__				---		6965987	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
PSZ	0.87	224.2	Pg	10:25:04.790	-0.7					T__		61.1		---	ML	1.8	6965983	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.87	224.2	Lg	10:25:17.238	-1.3					T__				---		6965988	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ET1H	0.90	223.2	Pn	10:25:06.115	0.0					T__		66.2		---	ML	1.8	6965991	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	223.2	Lg	10:25:18.618	-0.8					T__				---		6965990	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
NIE	0.94	339.9	Lg	10:25:17.244	-1.0					T__				---		6965989	FDSN	PL	--	BUD	iLoc	BHN	???	_	
KOLS	1.06	67.6	Lg	10:25:21.566	-2.2					T__				---		6965992	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.30	268.6	Sn	10:25:30.024	-1.3					T__				---		6965993	FDSN	SK	--	BUD	iLoc	HHN	???	_	

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp

2021/12/15 10:33:04.60 0.97 0.65 48.2149 19.8738 5.5 3.7 141 0.0f 11 8 81 0.30 1.24 sx BUD 17003976 BUD 162

Magnitude Err Nsta Author OrigID  
ML 1.3 0.1 4 BUD 17003976

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
PSZ	0.30	177.3	Pg	10:33:12.169	0.8					T__		196.5		---	ML	1.4 6966033	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.30	177.3	Lg	10:33:15.874	-0.7					T__				---		6966034	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
ET1H	0.34	180.3	Pg	10:33:12.076	0.1					T__		104.1		---	ML	1.3 6966035	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
HU03A	0.36	210.7	Pg	10:33:13.007	0.6					T__		174.8		---	ML	1.5 6966026	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.36	210.7	Lg	10:33:17.502	-0.6					T__				---		6966025	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
HU02A	0.45	101.8	Pg	10:33:14.308	0.2					T__		54.8		---	ML	1.3 6966027	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	101.8	Lg	10:33:20.600	-0.9					T__				---		6966029	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
KECS	0.49	56.4	Lg	10:33:21.925	-0.1					T__				---		6966030	FDSN	SK	--	BUD	iLoc	EHN	???	_
JOS	0.53	57.4	Lg	10:33:23.269	0.0					T__				---		6966031	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
VYHS	0.75	292.4	Lg	10:33:29.921	-0.8					T__				---		6966032	FDSN	SK	--	BUD	iLoc	HHN	???	_
NIE	1.24	13.0	Lg	10:33:45.744	-0.3					T__				---		6966028	FDSN	PL	--	BUD	iLoc	BHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
2021/12/15 11:14:46.83 1.10 0.98 48.3486 18.1582 8.3 3.9 179 0.0f 11 7 171 0.47 1.59 sx BUD 17003978 BUD 188

Magnitude Err Nsta Author OrigID  
ML 2.0 0.2 4 BUD 17003978

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L
VYHS	0.47	71.9	Pg	11:14:57.063	0.5					T__		25.2		---	ML	1.0 6966067	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.47	71.9	Lg	11:15:02.784	-0.9					T__				---		6966068	FDSN	SK	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
MODS	0.59	272.8	Pg	11:14:59.480	0.5					T__				---		6966065	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	0.59	272.8	Lg	11:15:07.243	-1.1					T__				---		6966069	FDSN	SK	--	BUD	iLoc	HHN	???	_
JAVC	0.60	327.8	Pg	11:15:00.319	0.9					T__		117.4		---	ML	1.9 6966066	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	0.60	327.8	Lg	11:15:07.973	-1.1					T__				---		6966070	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
KRUC	1.37	302.1	Sn	11:15:31.801	-0.8					T__				---		6966071	FDSN	CZ	--	BUD	iLoc	HHN	???	_
MORC	1.49	344.4	Pn	11:15:15.153	0.8					T__		82.0		---	ML	2.2 6966073	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	1.49	344.4	Lg	11:15:34.221	-0.9					T__				---		6966072	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								
JOS	1.59	83.8	Sn	11:15:37.586	-0.4					T__				---		6966074	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
CONA	1.59	255.6	Pn	11:15:16.779	0.8					T__		62.2		---	ML	2.2 6966075	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=1)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/15	14:08:33.23	0.97	1.39	47.8954	16.4677	6.8	3.7	132	0.0f	9	6	162	0.23	1.17	sx	BUD	17003982	BUD				212

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
RONA	0.23	210.6	Pg	14:08:37.418	-0.6					T__		58.6		___	ML	0.7	6966280	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	210.6	Lg	14:08:41.422	0.0					T__				---		6966279	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
CONA	0.41	274.8	Pg	14:08:41.501	0.0					T__		61.2		___	ML	1.2	6966278	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.41	274.8	Lg	14:08:46.813	-0.2					T__				---		6966281	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
MODS	0.72	48.3	Pg	14:08:49.459	1.3					T__				---		6966285	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.72	48.3	Lg	14:08:57.786	-1.7					T__				---		6966284	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ARSA	0.91	225.1	Lg	14:09:03.945	1.7					T__				---		6966282	FDSN	OE	--	BUD	iLoc	HHN	???	_	
AO18A	0.95	261.3	Lg	14:09:04.398	0.8					T__				---		6966283	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.17	357.7	Lg	14:09:11.251	-1.6					T__				---		6966286	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/16	07:34:16.12	0.91	0.93	48.6738	20.2431	4.2	3.6	54	0.0f	17	9	116	0.25	0.95	sx	BUD	17003984	BUD				219

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 8 BUD 17003984

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.25	139.7	Pg	07:34:21.841	0.6					T__		1487.8		___	ML	2.2	6966472	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.25	139.7	Lg	07:34:25.389	0.1					T__				---		6966480	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=0)																									
JOS	0.27	132.1	Pg	07:34:22.120	0.6					T__		304.0		_c_	ML	1.5	6966471	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.27	132.1	Lg	07:34:25.746	-0.0					T__				---		6966481	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
HU02A	0.58	161.1	Pg	07:34:28.915	0.6					T__		58.7		___	ML	1.6	6966482	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.58	161.1	Lg	07:34:36.771	-0.8					T__				---		6966483	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.75	2.8	Pg	07:34:30.689	0.5					T__		39.9		___	ML	1.5	6966476	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.75	2.8	Lg	07:34:40.111	-0.8					T__				---		6966477	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ABAH	0.76	119.3	Pg	07:34:31.960	0.7					T__		73.3		___	ML	1.8	6966484	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.76	119.3	Lg	07:34:41.056	-2.8					T__				---		6966473	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZ	0.79	197.2	Pg	07:34:33.106	0.2					T__		100.5		___	ML	1.9	6966474	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.79	197.2	Lg	07:34:44.016	-0.8					T__				---		6966485	FDSN	GE	--	BUD	iLoc	HHN	???	_	

```

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ET1H 0.83 197.5 Pg 07:34:33.943 0.4 T__ 60.7 ___ ML 1.7 6966475 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.83 197.5 Lg 07:34:45.410 -0.4 T__ ___ 6966486 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU03A 0.88 209.4 Lg 07:34:47.001 -0.4 T__ ___ 6966487 FDSN ZJ 00 BUD iLoc HHN ??? _
VYHS 0.95 259.6 Pg 07:34:35.648 0.3 T__ 24.3 ___ ML 1.4 6966478 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.95 259.6 Lg 07:34:48.633 -0.4 T__ ___ 6966479 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/16 08:42:36.06 1.01 0.87 47.9697 16.6896 5.9 4.5 131 0.0f 11 8 83 0.30 1.11 sx BUD 17003986 BUD 153

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Magnitude Err Nsta Author OrigID
ML 1.5 0.5 3 BUD 17003986

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```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
SOP 0.30 197.2 Lg 08:42:45.314 -1.4 T__ ___ 6966553 FDSN HU -- BUD iLoc HHN ??? _
RONA 0.38 224.6 Pg 08:42:44.447 0.6 T__ 63.4 ___ ML 1.2 6966561 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.38 224.6 Lg 08:42:49.009 -0.1 T__ ___ 6966560 FDSN OE -- BUD iLoc HHZ ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
CONA 0.56 266.0 Pg 08:42:47.504 0.3 T__ 50.2 ___ ML 1.5 6966562 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.56 266.0 Lg 08:42:54.119 -0.5 T__ ___ 6966563 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MODS 0.56 44.0 Lg 08:42:56.864 -0.1 T__ ___ 6966554 FDSN SK -- BUD iLoc HHN ??? _
HU08A 0.99 122.4 Lg 08:43:10.989 -0.3 T__ ___ 6966556 FDSN ZJ 00 BUD iLoc HHN ??? _
ARSA 1.07 228.1 Lg 08:43:09.924 -0.2 T__ ___ 6966555 FDSN OE -- BUD iLoc HHN ??? _
JAVC 1.10 35.9 Pn 08:42:58.896 0.5 T__ 101.0 ___ ML 2.1 6966559 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 1.10 35.9 Sn 08:43:14.082 -1.5 T__ ___ 6966558 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
KRUC 1.11 350.0 Lg 08:43:12.830 -0.9 T__ ___ 6966557 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/16 08:57:47.33 1.43 1.14 47.9541 20.3594 13.4 3.5 144 0.0f 10 6 197 0.20 0.68 kx BUD 17003988 BUD 223
2021/12/16 08:57:47.61 0.93 1.05 47.9767 20.3679f 0.0f 10 6 192 0.18 0.67 kx BUD_GT 17003989 BUD_GT 218

```

```

(locality : Eger-III. Hungary)
(GT info : GT2 explosion)

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.3 4 BUD_GT 17003989

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
HU02A 0.18 35.8 Pg 08:57:52.717 0.8 T__ 328.4 ___ ML 1.3 6966591 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.18 35.8 Lg 08:57:55.134 -0.3 T__ ___ 6966593 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1

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```

(Station ML: 1.3 magdef=1
PSZ 0.32 259.8 Lg 08:57:58.742 -1.8 T__
ET1H 0.35 253.9 Pg 08:57:55.371 0.1 T__ 61.3 --- ML 1.1 6966596 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.35 253.9 Lg 08:57:59.709 -1.2 T__ --- 6966595 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=1
KECS 0.51 8.8 Pg 08:57:58.924 0.9 T__ 101.8 --- ML 1.7 6966598 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.51 8.8 Lg 08:58:05.618 -0.3 T__ --- 6966597 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.53 12.4 Pg 08:57:59.366 1.0 T__ 58.7 --- ML 1.5 6966592 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.53 12.4 Lg 08:58:06.371 -0.2 T__ --- 6966599 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
ABAH 0.67 61.0 Lg 08:58:10.677 -1.5 T__ --- 6966600 FDSN HU -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/16 09:18:16.11 3.43 0.53 46.7325 22.9926 29.0 11.7 58 0.0f 7 4 259 0.20 1.47 sx BUD 17003990 BUD 302

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.4 3 BUD 17003990

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DRGR 0.20 287.1 Pg 09:18:20.470 -0.0 T__ 74.5 --- ML 0.7 6966625 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.20 287.1 Lg 09:18:24.127 -0.1 T__ --- 6966630 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.7 magdef=1
(Station ML: 0.7 magdef=1
SIRR 1.03 243.7 Pn 09:18:37.676 0.8 T__ 39.1 --- ML 1.7 6966629 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 1.03 243.7 Lg 09:18:51.622 0.2 T__ --- 6966628 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
GZR 1.35 186.5 Pn 09:18:41.957 0.3 T__ 49.2 --- ML 1.9 6966627 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.35 186.5 Lg 09:18:59.994 -0.4 T__ --- 6966626 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 1.47 221.1 Sn 09:19:03.958 0.4 T__ --- 6966631 FDSN RO -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/16 09:25:28.35 0.79 1.09 48.3511 19.0294 3.8 3.0 22 0.0f 31 18 71 0.19 1.73 sx BUD 17003992 BUD 115

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Magnitude Err Nsta Author OrigID
ML 2.0 0.2 12 BUD 17003992

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.19 318.1 Pg 09:25:33.145 0.6 T__ 230.1 _c_ ML 1.2 6966691 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.19 318.1 Lg 09:25:35.779 0.1 T__ --- 6966692 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU10A 0.51 180.8 Pg 09:25:39.951 1.0 T__ 269.5 --- ML 2.1 6966694 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU10A 0.51 180.8 Lg 09:25:46.955 -0.2 T__ --- 6966693 FDSN ZJ 00 BUD iLoc HHN ??? _

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(Reading ML: 2.1 magdef=1)																				
(Station ML: 2.1 magdef=1)																				
HU03A	0.59	139.3	Pg	09:25:41.210	0.5	T__		169.6	---	ML	2.1	6966695	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU03A	0.59	139.3	Lg	09:25:49.578	-0.1	T__			---			6966696	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																				
(Station ML: 2.1 magdef=1)																				
SR0	0.72	222.0	Lg	09:25:52.973	-1.7	T__			---			6966699	FDSN	SK	--	BUD	iLoc	EHN	???	_
PSZ	0.72	126.4	Pg	09:25:43.930	0.2	T__		104.4	---	ML	1.9	6966698	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.72	126.4	Lg	09:25:53.724	-1.1	T__			---			6966697	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																				
(Station ML: 1.9 magdef=1)																				
ET1H	0.74	129.6	Pg	09:25:44.767	0.9	T__		89.2	---	ML	1.9	6966689	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.74	129.6	Lg	09:25:54.096	-0.7	T__			---			6966690	FDSN	HU	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.9 magdef=1)																				
(Station ML: 1.9 magdef=0)																				
HU09A	0.83	211.6	Lg	09:25:57.666	-1.0	T__			---			6966700	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
KECS	0.98	81.7	Pg	09:25:47.975	0.2	T__		185.7	---	ML	2.3	6966688	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.98	81.7	Lg	09:26:01.921	-0.7	T__			---			6966701	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.3 magdef=1)																				
(Station ML: 2.3 magdef=0)																				
JOS	1.02	81.2	Pg	09:25:48.442	-0.0	T__		84.1	---	ML	2.0	6966687	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.02	81.2	Lg	09:26:03.070	-0.7	T__			---			6966702	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																				
(Station ML: 2.0 magdef=1)																				
HU02A	1.03	102.3	Pn	09:25:49.655	0.6	T__		70.5	---	ML	1.9	6966705	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.03	102.3	Lg	09:26:03.539	-1.5	T__			---			6966706	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																				
(Station ML: 1.9 magdef=1)																				
JAVC	1.04	299.9	Pg	09:25:49.730	0.3	T__		131.6	---	ML	2.2	6966704	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
JAVC	1.04	299.9	Lg	09:26:03.490	-1.7	T__			---			6966703	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																				
(Station ML: 2.2 magdef=1)																				
CSKK	1.12	207.9	Pn	09:25:51.245	1.0	T__		234.5	---	ML	2.5	6966708	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	1.12	207.9	Sn	09:26:06.369	-1.3	T__			---			6966707	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.5 magdef=1)																				
(Station ML: 2.5 magdef=0)																				
MODS	1.17	271.8	Pn	09:25:51.924	0.6	T__			---			6966709	FDSN	SK	--	BUD	iLoc	HHZ	???	_
MODS	1.17	271.8	Sn	09:26:07.358	-2.0	T__			---			6966710	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU08A	1.18	219.4	Sn	09:26:07.996	-1.2	T__			---			6966711	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
NIE	1.36	37.7	Pn	09:25:55.993	2.1	T__		49.7	---	ML	2.0	6966713	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	1.36	37.7	Lg	09:26:13.224	-0.3	T__			---			6966712	FDSN	PL	--	BUD	iLoc	BHN	???	_
(Reading ML: 2.0 magdef=1)																				
(Station ML: 2.0 magdef=1)																				
ABAH	1.48	91.3	Pg	09:25:58.229	1.0	T__		75.8	---	ML	2.2	6966715	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	1.48	91.3	Sn	09:26:16.576	0.4	T__			---			6966714	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.2 magdef=1)																				
(Station ML: 2.2 magdef=1)																				
MPLH	1.55	220.9	Sn	09:26:18.171	-0.1	T__			---			6966716	FDSN	HU	--	BUD	iLoc	HHN	???	_
MORC	1.73	326.1	Sn	09:26:21.634	-2.1	T__			---			6966717	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/16	09:31:05.18	1.37	0.77	47.7308	18.5917	8.6	4.6	102	0.0f	12	7	199	0.17	0.91	sx	BUD	17003994	BUD				277

Magnitude Err Nsta Author OrigID  
 ML 1.9 0.1 5 BUD 17003994

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU09A	0.17	237.0	Pg	09:31:08.968	-0.1					T__		2318.0		---	ML	2.1 6966834	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU09A	0.17	237.0	Lg	09:31:11.569	-1.0					T__				---		6966833	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																								
(Station ML: 2.1 magdef=1)																								
SR0	0.21	293.8	Pg	09:31:10.402	0.7					T__		2153.5		---	ML	2.2 6966832	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
SR0	0.21	293.8	Lg	09:31:13.827	0.1					T__				---		6966835	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								
CSKK	0.43	211.5	Pg	09:31:14.713	0.6					T__		197.0		---	ML	1.8 6966827	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
CSKK	0.43	211.5	Lg	09:31:21.192	-0.5					T__				---		6966828	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=0)																								
HU08A	0.54	236.7	Pg	09:31:15.688	-0.6					T__		103.4		---	ML	1.8 6966825	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU08A	0.54	236.7	Lg	09:31:24.249	-1.0					T__				---		6966829	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
VYHS	0.78	12.0	Lg	09:31:31.861	-0.8					T__				---		6966826	FDSN	SK	--	BUD	iLoc	HHN	???	_
MPLH	0.91	232.2	Pg	09:31:24.432	1.0					T__		75.0		---	ML	1.9 6966831	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	0.91	232.2	Lg	09:31:36.660	-0.1					T__				---		6966830	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
EGYH	0.91	250.3	Lg	09:31:37.439	0.6					T__				---		6966836	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2021/12/16 09:38:11.64 1.50 0.54 48.4932 20.8033 10.7 5.9 21 0.0f 10 7 213 0.18 1.31 sx BUD 17003996 BUD 295

Magnitude Err Nsta Author OrigID  
 ML 1.4 0.6 3 BUD 17003996

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
JOS	0.18	270.9	Pg	09:38:15.619	0.3					T__		99.7		_c_	ML	0.8 6966868	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	270.9	Lg	09:38:18.285	-0.0					T__				---		6966870	FDSN	ZJ	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1)																								
(Station ML: 0.8 magdef=1)																								
KECS	0.21	267.4	Pg	09:38:16.012	-0.1					T__		300.2		---	ML	1.4 6966869	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	267.4	Lg	09:38:19.475	-0.1					T__				---		6966871	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
ABAH	0.35	124.0	Lg	09:38:24.999	-0.2					T__				---		6966872	FDSN	HU	--	BUD	iLoc	HHN	???	_
HU02A	0.42	206.7	Lg	09:38:27.998	0.6					T__				---		6966873	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
PSZ	0.84	226.9	Pn	09:38:29.587	-0.1					T__		67.9		---	ML	1.8 6966875	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.84	226.9	Lg	09:38:41.240	-0.7					T__				---		6966874	FDSN	GE	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
ET1H	0.88	225.8	Lg	09:38:42.689	-0.2					T__				---		6966876	FDSN	HU	--	BUD	iLoc	HHN	???	_
VYHS	1.31	270.8	Sn	09:38:54.845	-1.0					T__				---		6966877	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/16	10:31:06.79	1.26	0.82	48.4801	20.7946	7.4	5.6	32	0.0f	8	6	140	0.17	0.99	sx	BUD	17003998	BUD				225

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	275.4	Pg	10:31:10.685	0.3					T__		184.3		___	ML	1.0	6966917	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	275.4	Lg	10:31:13.035	-0.3					T__				___		6966921	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1																					
				(Station ML: 1.0 magdef=1																					
KECS	0.21	271.0	Pg	10:31:11.085	-0.0					T__		459.1		___	ML	1.5	6966918	FDSN	SK	--	BUD	iLoc	EHN	EHZ	_
KECS	0.21	271.0	Lg	10:31:14.334	-0.2					T__				___		6966922	FDSN	SK	--	BUD	iLoc	EHN	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=1																					
ABAH	0.35	121.7	Lg	10:31:19.814	-0.4					T__				___		6966923	FDSN	HU	--	BUD	iLoc	HHE	???	_	
HU02A	0.40	206.8	Lg	10:31:23.163	1.1					T__				___		6966924	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_	
PSZ	0.82	227.3	Lg	10:31:35.377	-1.3					T__				___		6966919	FDSN	GE	--	BUD	iLoc	HHN	???	_	
NIE	0.99	341.0	Lg	10:31:39.877	0.2					T__				___		6966920	FDSN	PL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/16	12:32:19.99	1.35	0.48	47.8841	16.0907	11.1	3.9	32	0.0f	8	4	216	0.16	0.74	sx	BUD	17004002	BUD				285

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 BUD	17004002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.16	286.1	Pg	12:32:23.225	-0.2					T__		257.7		___	ML	1.2	6966977	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	286.1	Lg	12:32:25.833	-0.0					T__				___		6966978	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.2 magdef=1																					
				(Station ML: 1.2 magdef=1																					
RONA	0.23	143.0	Pg	12:32:24.913	0.0					T__		105.8		___	ML	1.0	6966980	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	143.0	Lg	12:32:28.288	-0.0					T__				___		6966979	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1																					
				(Station ML: 1.0 magdef=1																					
A018A	0.70	258.7	Pg	12:32:33.736	0.2					T__		66.8		___	ML	1.7	6966981	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.70	258.7	Lg	12:32:43.173	0.9					T__				___		6966982	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					
ARSA	0.74	211.4	Pg	12:32:34.196	-0.1					T__		66.0		___	ML	1.7	6966984	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	211.4	Lg	12:32:43.173	-0.5					T__				___		6966983	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1																					
				(Station ML: 1.7 magdef=1																					

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/16	12:34:04.06	1.31	0.45	47.8851	16.0742	12.0	3.9	31	0.0f	9	6	130	0.15	1.50	sx	BUD	17004004	BUD				200

Magnitude	Err	Nsta	Author	OrigID
ML	1.0	0.2	3 BUD	17004004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	286.9	Pg	12:34:07.355	0.1					T__		184.8		---	ML	1.0	6967011	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	286.9	Lg	12:34:09.385	-0.2					T__				---		6967015	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.0 magdef=1)																					
				(Station ML: 1.0 magdef=1)																					
RONA	0.24	141.0	Pg	12:34:09.431	0.3					T__		75.0		---	ML	0.8	6967012	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	141.0	Lg	12:34:11.926	-0.7					T__				---		6967016	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
A018A	0.69	258.5	Pg	12:34:17.629	0.2					T__		68.8		---	ML	1.7	6967017	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.69	258.5	Lg	12:34:26.120	0.1					T__				---		6967018	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
				(Reading ML: 1.7 magdef=1)																					
				(Station ML: 1.7 magdef=1)																					
ARSA	0.74	210.6	Lg	12:34:27.329	-0.3					T__				---		6967019	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.20	10.2	Sn	12:34:44.482	0.0					T__				---		6967013	FDSN	CZ	--	BUD	iLoc	HHE	???	_	
CKRC	1.50	309.1	Sn	12:34:51.610	-0.7					T__				---		6967014	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/16	12:35:34.92	1.09	0.83	47.8604	16.0591	10.1	4.3	40	0.0f		6	5	124	0.15	1.22	sx	BUD	17004006	BUD			200

Magnitude	Err	Nsta	Author	OrigID
ML	0.8	0.1	3 BUD	17004006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.15	297.2	Pg	12:35:37.992	-0.1					T__		119.2		---	ML	0.8	6967041	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 0.8 magdef=1)																					
				(Station ML: 0.8 magdef=1)																					
RONA	0.23	135.1	Pg	12:35:39.910	0.2					T__		58.6		---	ML	0.7	6967043	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.23	135.1	Lg	12:35:42.519	-0.6					T__				---		6967042	FDSN	OE	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.7 magdef=1)																					
				(Station ML: 0.7 magdef=1)																					
A008A	0.58	332.0	Pg	12:35:46.432	0.4					T__		88.9		---	ML	1.8	6967044	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ARSA	0.71	210.9	Lg	12:35:57.941	0.3					T__				---		6967045	FDSN	OE	--	BUD	iLoc	HHE	???	_	
KRUC	1.22	10.4	Sn	12:36:14.782	-1.2					T__				---		6967046	FDSN	CZ	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/16	22:07:38.28	1.20	0.85	46.1668	21.7275	13.3	4.9	98	5.8	22.6	8	4	146	0.11	1.07	ke	BUD	17004008	BUD			219

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.4	4 BUD	17004008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SIRR	0.11	335.0	Pg	22:07:41.309	0.3					T__		88.1		---	ML	0.6	6967071	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.11	335.0	Lg	22:07:42.767	-0.5					T__				---		6967072	FDSN	RO	--	BUD	iLoc	HHN	???	_	
				(Reading ML: 0.6 magdef=1)																					
				(Station ML: 0.6 magdef=1)																					
BZS	0.56	188.0	Pg	22:07:49.412	0.2					T__		33.1		---	ML	1.3	6967078	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.56	188.0	Lg	22:07:56.313	-0.8					T__				---		6967073	FDSN	RO	--	BUD	iLoc	HHZ	???	_	

```

(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
DRGR 0.92 47.0 Pg 22:07:56.504 -0.1 T__ 70.8 ___ ML 1.9 6967074 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.92 47.0 Lg 22:08:08.857 -0.7 T__ ___ 6967075 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 1.07 136.1 Pn 22:08:00.149 1.1 T__ 47.9 ___ ML 1.8 6967077 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.07 136.1 Lg 22:08:13.960 0.5 T__ ___ 6967076 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/17	07:36:59.61	0.81	0.66	48.6082	18.5111	5.5	3.1	32	0.0f		22	13	82	0.24	1.45	sx	BUD	17004010	BUD			122

```

Magnitude Err Nsta Author OrigID
ML 2.0 0.1 9 BUD 17004010

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L		
VYHS	0.24	117.8	Pg	07:37:04.892	0.1					T__		117.3		___	ML	1.0 6967125	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_		
VYHS	0.24	117.8	Lg	07:37:08.984	0.3					T__				___		6967124	FDSN	SK	--	BUD	iLoc	HHE	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=0)																										
A338A	0.60	190.2	Lg	07:37:21.874	0.1					T__				___		6967128	FDSN	Z3	00	BUD	iLoc	HH2	???	_		
JAVC	0.61	294.6	Pg	07:37:12.565	0.3					T__		99.8		___	ML	1.8 6967126	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
JAVC	0.61	294.6	Lg	07:37:21.567	-0.4					T__				___		6967127	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																										
HU10A	0.84	155.9	Lg	07:37:29.240	-0.7					T__				___		6967129	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
MODS	0.85	254.5	Lg	07:37:29.751	-0.3					T__				___		6967130	FDSN	SK	--	BUD	iLoc	HHN	???	_		
PSZ	1.15	126.2	Pn	07:37:23.409	1.1					T__		73.8		___	ML	2.0 6967131	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_		
PSZ	1.15	126.2	Sn	07:37:39.368	-1.0					T__				___		6967132	FDSN	GE	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																										
ET1H	1.17	128.2	Pn	07:37:23.409	1.1					T__		56.3		___	ML	1.9 6967134	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_		
ET1H	1.17	128.2	Sn	07:37:39.265	-0.9					T__				___		6967133	FDSN	HU	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																										
KECS	1.32	94.7	Pn	07:37:24.125	-0.3					T__		82.0		___	ML	2.1 6967135	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_		
KECS	1.32	94.7	Sn	07:37:43.460	-0.6					T__				___		6967136	FDSN	SK	--	BUD	iLoc	EHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0)																										
MORC	1.33	331.9	Pg	07:37:24.125	-0.2					T__		75.5		___	ML	2.1 6967138	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_		
MORC	1.33	331.9	Lg	07:37:43.460	0.6					T__				___		6967137	FDSN	CZ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																										
JOS	1.35	94.0	Pn	07:37:24.022	-0.8					T__		41.3		___	ML	1.9 6967139	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_		
JOS	1.35	94.0	Sn	07:37:44.073	-0.8					T__				___		6967140	FDSN	ZJ	--	BUD	iLoc	HHN	???	_		
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																										
HU02A	1.43	109.2	Pn	07:37:25.864	-0.2					T__		56.3		___	ML	2.0 6967143	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_		
HU02A	1.43	109.2	Sn	07:37:46.529	-0.4					T__				___		6967144	FDSN	ZJ	00	BUD	iLoc	HHN	???	_		
(Reading ML: 2.0 magdef=1																										

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(Station ML: 2.0 magdef=1
NIE 1.43 54.8 Pn 07:37:26.580 0.3 T__ 47.6 ___ ML 2.0 6967142 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.43 54.8 Lg 07:37:46.222 -0.5 T__ ___ 6967141 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
VRAC 1.45 299.7 Sn 07:37:47.040 -0.6 T__ ___ 6967145 FDSN CZ -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/17 08:49:29.80 4.52 1.71 46.8173 22.8292 36.4 10.6 22 0.0f 5 3 261 0.09 1.52 sx BUD 17004012 BUD 332

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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 0.09 252.4 Pg 08:49:31.935 0.0 T__ 76.8 ___ ML 0.4 6967177 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.09 252.4 Lg 08:49:33.795 -0.0 T__ ___ 6967181 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 0.4 magdef=1
(Station ML: 0.4 magdef=1
GZR 1.42 181.5 Pg 08:49:56.931 0.1 T__ 34.8 ___ ML 1.8 6967179 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.42 181.5 Sn 08:50:16.579 -0.1 T__ ___ 6967178 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
LOT 1.52 154.1 Sn 08:50:17.088 -2.4 T__ ___ 6967180 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/17 09:03:53.87 0.97 0.73 48.5711 18.5370 12.0 3.4 15 0.0f 8 4 174 0.21 1.13 sx BUD 17004014 BUD 213

```

Magnitude Err Nsta Author OrigID  
ML 1.8 0.2 3 BUD 17004014

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
VYHS 0.21 111.1 Pg 09:03:58.778 0.4 T__ 55.4 ___ ML 0.6 6967203 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 0.21 111.1 Lg 09:04:01.195 -0.7 T__ ___ 6967204 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
JAVC 0.64 297.0 Pg 09:04:07.103 -0.1 T__ 129.6 ___ ML 2.0 6967205 FDSN CZ -- BUD iLoc HHZ HHZ _
JAVC 0.64 297.0 Lg 09:04:17.576 0.3 T__ ___ 6967206 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
MODS 0.86 257.2 Pg 09:04:11.745 0.4 T__ ___ 6967208 FDSN SK -- BUD iLoc HHZ ??? _
MODS 0.86 257.2 Lg 09:04:23.983 -0.6 T__ ___ 6967207 FDSN SK -- BUD iLoc HHE ??? _
ET1H 1.13 127.3 Pn 09:04:15.658 -0.4 T__ 51.5 ___ ML 1.8 6967209 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.13 127.3 Sn 09:04:32.384 -1.2 T__ ___ 6967210 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/17 09:47:55.23 1.25 0.81 48.5228 20.8028 8.8 3.7 13 0.0f 14 8 147 0.18 1.31 sx BUD 17004016 BUD 225

```

Magnitude Err Nsta Author OrigID

ML 1.5 0.2 7 BUD 17004016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	261.3	Pg	09:47:59.373	0.4					T__		328.1		---	ML	1.3	6967282	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.18	261.3	Lg	09:48:01.790	-0.2					T__				---		6967283	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.21	259.5	Pg	09:47:59.987	0.3					T__		872.9		---	ML	1.8	6967284	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	259.5	Lg	09:48:02.749	-0.5					T__				---		6967285	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ABAH	0.37	127.8	Pg	09:48:03.171	0.3					T__		68.3		---	ML	1.2	6967287	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.37	127.8	Lg	09:48:08.618	-0.8					T__				---		6967286	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU02A	0.44	204.9	Pg	09:48:05.281	0.6					T__		51.8		---	ML	1.2	6967288	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.44	204.9	Lg	09:48:11.841	-0.0					T__				---		6967289	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
PSZ	0.86	225.5	Pg	09:48:13.452	0.1					T__		50.0		---	ML	1.7	6967291	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	225.5	Lg	09:48:25.153	-1.1					T__				---		6967292	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
ET1H	0.90	224.4	Lg	09:48:26.649	-0.5					T__				---		6967293	FDSN	HU	--	BUD	iLoc	HHE	???	_	
NIE	0.96	339.9	Pn	09:48:15.639	0.6					T__		35.1		---	ML	1.6	6967290	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
VYHS	1.31	269.5	Pn	09:48:19.475	-0.4					T__		20.9		---	ML	1.5	6967295	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.31	269.5	Sn	09:48:37.506	-1.9					T__				---		6967294	FDSN	SK	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/17	10:18:59.66	1.71	0.96	48.9440	21.2555	19.5	4.5	156	0.0f		9	5	222	0.65	0.96	sx	BUD	17004018	BUD			312

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.0	3 BUD	17004018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.65	180.9	Lg	10:19:23.704	0.4					T__				---		6967334	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.65	226.9	Pg	10:19:12.815	0.2					T__		65.0		---	ML	1.7	6967330	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.65	226.9	Lg	10:19:22.484	0.1					T__				---		6967331	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOLS	0.67	90.5	Pg	10:19:13.107	0.6					T__				---		6967329	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.67	90.5	Lg	10:19:21.289	-2.1					T__				---		6967328	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KECS	0.69	228.2	Pg	10:19:13.219	-0.1					T__		89.2		---	ML	1.8	6967333	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.69	228.2	Lg	10:19:23.570	-0.0					T__				---		6967332	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
HU02A	0.96	210.8	Pn	10:19:18.815	-0.5					T__		47.0		---	ML	1.7	6967336	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.96	210.8	Lg	10:19:32.948	-0.4					T__				---		6967335	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

(Reading ML: 1.7 magdef=1  
 (Station ML: 1.7 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/17	10:37:28.03	0.94	0.89	46.1157	18.1029	6.1	3.1	117	0.0f		10	5	114	0.03	1.12	sx	BUD	17004020	BUD			169

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	5 BUD	17004020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.03	184.4	Pg	10:37:29.643	0.4					T__		1340.7		___	ML	1.5	6967391	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.03	184.4	Lg	10:37:30.139	-0.6					T__				---		6967394	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
A273A	0.28	225.2	Pg	10:37:33.873	-0.3					T__		1073.0		___	ML	2.1	6967397	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.28	225.2	Lg	10:37:38.798	0.3					T__				---		6967398	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=0																									
MORH	0.39	75.0	Pg	10:37:35.996	-0.3					T__		55.9		___	ML	1.1	6967395	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.39	75.0	Lg	10:37:42.691	0.0					T__				---		6967400	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0																									
A266A	0.43	15.2	Pg	10:37:37.212	0.1					T__		333.5		___	ML	2.0	6967396	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A266A	0.43	15.2	Lg	10:37:44.426	0.5					T__				---		6967392	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
MPLH	1.12	340.0	Pn	10:37:50.428	0.5					T__		74.8		___	ML	2.0	6967393	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.12	340.0	Sn	10:38:04.577	-2.1					T__				---		6967399	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/17	10:44:57.34	1.26	0.77	47.6712	16.6990	6.8	6.5	134	0.0f		7	5	150	0.10	0.80	sx	BUD	17004022	BUD			247

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.10	277.3	Pg	10:45:00.291	0.6					T__		724.1		___	ML	1.4	6967453	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
SOP	0.10	277.3	Lg	10:45:00.700	-0.8					T__				---		6967454	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
RONA	0.27	276.1	Pg	10:45:03.404	0.3					T__		80.6		___	ML	1.0	6967455	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.27	276.1	Lg	10:45:06.245	-0.8					T__				---		6967456	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																									
A260A	0.39	179.3	Lg	10:45:10.564	-0.5					T__				---		6967457	FDSN	Z3	00	BUD	iLoc	HHE	???	_	
CONA	0.62	294.8	Lg	10:45:17.700	-0.2					T__				---		6967458	FDSN	OE	--	BUD	iLoc	HHN	???	_	
MODS	0.80	28.7	Lg	10:45:25.837	-0.5					T__				---		6967459	FDSN	SK	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/17	10:50:08.45	2.99	1.58	47.8670	16.0132	21.3	8.7	84	0.0f	5	4	196	0.12	1.22	sx	BUD	17004024	BUD				267

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.12	301.1	Pg	10:50:11.269	0.2					T__		303.4		_c_	ML	1.1	6967509	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.12	301.1	Lg	10:50:12.633	-0.4					T__						6967510	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=0)																									
A018A	0.64	259.3	Lg	10:50:29.045	0.0					T__						6967511	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.70	208.5	Lg	10:50:30.612	-0.2					T__						6967512	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.22	11.9	Sn	10:50:47.280	-2.2					T__						6967513	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/12/17	11:12:21.04	1.50	0.93	47.8968	19.1710	33.4	3.1	164	0.0f	10	6	172	0.11	1.09	sx	BUD	17004026	BUD					324

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	4 BUD	17004026

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.11	243.3	Pg	11:12:24.381	0.5					T__		518.6		_c_	ML	1.3	6967536	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU10A	0.11	243.3	Lg	11:12:25.249	-1.1					T__						6967541	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU03A	0.29	88.4	Lg	11:12:32.296	0.1					T__						6967542	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
ET1H	0.47	91.9	Lg	11:12:37.902	-0.7					T__						6967543	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	0.49	87.2	Pg	11:12:32.378	0.7					T__		49.8			ML	1.4	6967537	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.49	87.2	Lg	11:12:38.700	-0.9					T__						6967544	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.94	75.6	Pn	11:12:40.473	0.0					T__		49.2			ML	1.7	6967538	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.94	75.6	Lg	11:12:53.861	-1.4					T__						6967545	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	1.09	56.3	Pn	11:12:42.564	0.0					T__		48.8			ML	1.8	6967539	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	1.09	56.3	Sn	11:12:58.617	-0.9					T__						6967540	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/12/17	11:52:33.69	0.90	1.08	47.9028	20.1282	5.2	2.8	154	0.0f	19	11	100	0.16	1.52	sx	BUD	17004028	BUD					150

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	8 BUD	17004028

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.16	275.7	Pg	11:52:37.980	0.3					T__		667.4			ML	1.6	6967587	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.16	275.7	Lg	11:52:40.041	-0.9					T__						6967592	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

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(Station ML: 1.6 magdef=1
ET1H 0.17 262.3 Pg 11:52:38.148 0.3 T__ 511.9 --- ML 1.5 6967588 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.17 262.3 Lg 11:52:40.704 -0.4 T__ --- 6967600 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU23A 0.28 162.7 Lg 11:52:44.726 -0.0 T__ --- 6967593 FDSN ZJ 00 BUD iLoc HHN ??? _
HU02A 0.35 50.4 Pg 11:52:40.982 -0.3 T__ 115.6 --- ML 1.3 6967590 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.35 50.4 Lg 11:52:46.126 -1.1 T__ --- 6967589 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
HU03A 0.36 270.4 Pg 11:52:42.400 1.0 T__ 101.0 --- ML 1.3 6967595 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU03A 0.36 270.4 Lg 11:52:46.553 -0.6 T__ --- 6967594 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
KECS 0.63 22.2 Pg 11:52:47.749 1.4 T__ 72.6 --- ML 1.7 6967597 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.63 22.2 Lg 11:52:55.621 -0.3 T__ --- 6967601 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
JOS 0.65 24.7 Pg 11:52:46.716 -0.1 T__ 60.0 --- ML 1.6 6967598 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.65 24.7 Lg 11:52:56.571 -0.3 T__ --- 6967602 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU01A 0.66 211.8 Lg 11:52:56.376 -1.6 T__ --- 6967596 FDSN ZJ 00 BUD iLoc HHN ??? _
ABAH 0.84 61.7 Pg 11:52:51.948 1.5 T__ 75.2 --- ML 1.8 6967591 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.84 61.7 Lg 11:53:03.043 -1.1 T__ --- 6967603 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS 1.05 304.9 Pn 11:52:55.702 1.0 T__ 21.6 --- ML 1.4 6967599 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.05 304.9 Lg 11:53:08.966 -1.2 T__ --- 6967604 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
NIE 1.52 4.2 Sn 11:53:25.123 2.1 T__ --- 6967605 FDSN PL -- BUD iLoc BHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/17 11:55:31.60 3.85 1.95 46.8937 22.7842 27.0 19.0 151 0.0f 8 6 242 0.11 1.60 sx BUD 17004030 BUD 282

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Magnitude Err Nsta Author OrigID

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
DRGR 0.11 206.2 Pg 11:55:34.462 0.2 T__ 465.6 --- ML 1.3 6967654 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.11 206.2 Lg 11:55:36.508 -0.1 T__ --- 6967661 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
SIRR 1.00 231.5 Lg 11:56:05.217 -0.7 T__ --- 6967656 FDSN RO -- BUD iLoc HHN ??? _
HU24A 1.11 271.4 Sn 11:56:08.997 -1.2 T__ --- 6967657 FDSN ZJ 00 BUD iLoc HHN ??? _
GZR 1.50 180.2 Pg 11:56:00.108 0.1 T__ 43.7 --- ML 2.0 6967655 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 1.50 180.2 Sn 11:56:19.385 -1.0 T__ --- 6967658 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
BZS 1.51 212.8 Sn 11:56:19.370 -0.7 T__ --- 6967659 FDSN RO -- BUD iLoc HHN ??? _
LOT 1.60 154.3 Sn 11:56:19.405 -3.9 T__ --- 6967660 FDSN RO -- BUD iLoc HHN ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/20	10:28:39.44	1.02	1.16	48.5367	20.7895	5.9	3.6	7	0.0f	17	10	87	0.17	1.30	sx	BUD	17004034	BUD				158

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.3	7 BUD	17004034

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.17	256.3	Pg	10:28:43.601	0.5				T__		307.2			___	ML	1.3	6968086	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.17	256.3	Lg	10:28:46.334	0.4				T__					---		6968091	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
KECS	0.21	255.3	Pg	10:28:44.322	0.5				T__		899.4			___	ML	1.8	6968087	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.21	255.3	Lg	10:28:47.427	0.2				T__					---		6968092	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
ABAH	0.38	128.6	Pg	10:28:48.295	0.9				T__		75.6			___	ML	1.2	6968088	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	128.6	Lg	10:28:53.216	-0.9				T__					---		6968093	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
HU02A	0.45	203.1	Pg	10:28:49.034	0.0				T__		61.9			___	ML	1.3	6968095	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.45	203.1	Lg	10:28:56.055	-0.3				T__					---		6968094	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
PSZ	0.86	224.4	Pg	10:28:57.711	0.1				T__		80.6			___	ML	1.9	6968089	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.86	224.4	Lg	10:29:09.307	-1.3				T__					---		6968096	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
ET1H	0.90	223.4	Pn	10:28:58.973	0.8				T__		66.7			___	ML	1.8	6968090	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.90	223.4	Lg	10:29:10.569	-0.9				T__					---		6968098	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
NIE	0.94	340.1	Lg	10:29:09.309	-1.2				T__					---		6968097	FDSN	PL	--	BUD	iLoc	BHN	???	_	
HU03A	1.02	231.9	Lg	10:29:14.391	-1.0				T__					---		6968100	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
KOLS	1.06	67.4	Lg	10:29:13.523	-2.6				T__					---		6968099	FDSN	SK	--	BUD	iLoc	HHN	???	_	
VYHS	1.30	268.8	Pn	10:29:04.177	0.2				T__		17.8			___	ML	1.5	6968102	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.30	268.8	Sn	10:29:21.358	-2.1				T__					---		6968101	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/21	09:19:11.22	0.93	0.62	47.8631	16.0932	5.6	4.9	1	0.0f	16	10	83	0.17	1.53	sx	BUD	17004036	BUD				130

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.5	6 BUD	17004036

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.17	292.8	Pg	09:19:14.970	0.2				T__		100.7			_c_	ML	0.8	6968263	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.17	292.8	Lg	09:19:16.830	-0.5				T__					---		6968265	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									
(Station ML: 0.8 magdef=1)																									

RONA	0.21	140.0	Pg	09:19:16.266	0.5	T__	54.8	---	ML	0.6	6968267	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.21	140.0	Lg	09:19:18.808	-0.2	T__		---			6968266	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.6 magdef=1)																			
(Station ML: 0.6 magdef=0)																			
A011B	0.46	191.4	Lg	09:19:25.933	-0.4	T__		---			6968268	FDSN	Z3	00	BUD	iLoc	HHZ	???	_
A018A	0.70	260.5	Pg	09:19:24.561	-0.1	T__	29.5	---	ML	1.4	6968270	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.70	260.5	Lg	09:19:33.177	-0.3	T__		---			6968269	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			
ARSA	0.72	212.4	Pg	09:19:25.417	0.2	T__	51.8	---	ML	1.6	6968271	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.72	212.4	Lg	09:19:34.033	-0.3	T__		---			6968272	FDSN	OE	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
MODS	0.94	56.8	Lg	09:19:44.174	-0.8	T__		---			6968273	FDSN	SK	--	BUD	iLoc	HHN	???	_
KRUC	1.22	9.4	Sn	09:19:51.774	-0.3	T__		---			6968274	FDSN	CZ	--	BUD	iLoc	HHE	???	_
KOGS	1.42	175.6	Sn	09:19:56.158	-0.5	T__		---			6968275	FDSN	SL	--	BUD	iLoc	BHN	???	_
TREC	1.49	344.5	Pn	09:19:39.161	0.3	T__	55.4	---	ML	2.1	6968277	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.49	344.5	Sn	09:19:59.368	0.8	T__		---			6968276	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
CKRC	1.53	309.5	Pg	09:19:41.398	1.6	T__	81.1	---	ML	2.3	6968264	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.53	309.5	Sn	09:19:59.993	-0.0	T__		---			6968278	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 2.3 magdef=1)																			
(Station ML: 2.3 magdef=0)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/21	10:28:28.58	0.93	0.81	47.8937	16.0767	5.1	4.8	176	0.0f		17	12	83	0.15	1.50	sx	BUD	17004038	BUD			104

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	5 BUD	17004038

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.15	283.5	Pg	10:28:31.872	0.1					T__		197.3		_c	ML	1.0	6968351	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.15	283.5	Lg	10:28:33.468	-0.6					T__				---		6968359	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
RONA	0.24	142.6	Pg	10:28:33.768	0.0					T__		76.3		---	ML	0.9	6968353	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.24	142.6	Lg	10:28:37.425	0.1					T__				---		6968352	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
A011B	0.49	189.4	Lg	10:28:43.976	-0.6					T__				---		6968354	FDSN	Z3	00	BUD	iLoc	HH3	???	_	
A018A	0.69	257.8	Pg	10:28:42.999	1.0					T__		39.2		---	ML	1.5	6968355	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A018A	0.69	257.8	Lg	10:28:50.437	-0.2					T__				---		6968356	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ARSA	0.74	210.4	Pg	10:28:42.287	-0.7					T__		40.1		---	ML	1.5	6968360	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.74	210.4	Lg	10:28:52.515	0.1					T__				---		6968357	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MODS	0.94	58.7	Lg	10:29:01.549	-0.5					T__				---		6968361	FDSN	SK	--	BUD	iLoc	HHN	???	_	
A262A	1.07	163.3	Lg	10:29:03.673	-0.1					T__				---		6968362	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KRUC	1.19	10.2	Pg	10:28:51.831	0.5					T__		36.7		---	ML	1.7	6968364	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_

KRUC	1.19	10.2	Sn	10:29:08.938	0.1				T__				6968363	FDSN	CZ	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																					
(Station ML: 1.7 magdef=0)																					
JAVC	1.44	47.1	Sn	10:29:18.083	2.2				T__				6968367	FDSN	CZ	--	BUD	iLoc	HHN	???	_
KOGS	1.45	175.3	Lg	10:29:16.076	0.8				T__				6968365	FDSN	SL	--	BUD	iLoc	BHN	???	_
TREC	1.46	344.6	Sn	10:29:15.996	0.8				T__				6968366	FDSN	CZ	--	BUD	iLoc	HHN	???	_
CKRC	1.50	308.8	Sn	10:29:16.358	-0.4				T__				6968358	FDSN	CZ	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/21	10:53:27.47	1.12	0.81	48.6203	19.6595	7.8	3.6	1	0.0f		13	7	204	0.56	1.10	sx	BUD	17004040	BUD			292

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 BUD	17004040

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VVHS	0.56	257.3	Pg	10:53:39.352	0.4					T__		13.6			ML	0.9	6968412	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VVHS	0.56	257.3	Lg	10:53:46.325	-0.9					T__						6968413	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
KECS	0.57	103.7	Pg	10:53:39.645	0.8					T__	106.3				ML	1.8	6968411	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.57	103.7	Lg	10:53:46.835	-0.5					T__						6968405	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
JOS	0.60	101.7	Pg	10:53:39.906	0.5					T__	46.3				ML	1.5	6968414	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.60	101.7	Lg	10:53:47.491	-1.0					T__						6968406	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZ	0.72	167.3	Pg	10:53:43.454	0.7					T__	47.6				ML	1.6	6968408	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.72	167.3	Lg	10:53:53.186	-0.5					T__						6968407	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
ET1H	0.76	169.1	Pg	10:53:43.940	0.6					T__	33.3				ML	1.4	6968415	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.76	169.1	Lg	10:53:54.338	-0.2					T__						6968409	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
HU02A	0.76	130.5	Pg	10:53:43.664	0.4					T__	27.3				ML	1.4	6968403	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.76	130.5	Lg	10:53:53.829	-1.3					T__						6968404	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ABAH	1.10	106.6	Lg	10:54:04.725	-0.7					T__						6968410	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/21	10:56:13.78	0.88	1.03	48.4686	20.7760	4.7	3.2	9	0.0f		18	10	86	0.16	1.29	sx	BUD	17004042	BUD			144

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.2	7 BUD	17004042

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.16	279.9	Pg	10:56:17.572	0.4					T__		257.9			ML	1.2	6968459	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.16	279.9	Lg	10:56:20.082	0.2					T__						6968463	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.19 274.4 Pg 10:56:18.192 0.3 T__ 707.6 ___ ML 1.7 6968460 FDSN SK -- BUD iLoc EHZ EHZ _
KECS 0.19 274.4 Lg 10:56:21.167 0.1 T__ ___ 6968464 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.35 119.0 Pg 10:56:22.004 0.8 T__ 64.2 ___ ML 1.1 6968461 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.35 119.0 Lg 10:56:26.219 -1.2 T__ ___ 6968465 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
HU02A 0.39 205.9 Lg 10:56:28.426 -0.1 T__ ___ 6968466 FDSN ZJ 00 BUD iLoc HHN ??? _
PSZ 0.81 227.3 Pg 10:56:30.922 0.0 T__ 48.9 ___ ML 1.6 6968468 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.81 227.3 Lg 10:56:42.048 -1.0 T__ ___ 6968467 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
ET1H 0.85 226.1 Pg 10:56:31.573 0.1 T__ 32.1 ___ ML 1.5 6968469 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.85 226.1 Lg 10:56:43.474 -0.5 T__ ___ 6968470 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
NIE 1.00 341.9 Pg 10:56:33.223 0.5 T__ 18.4 ___ ML 1.3 6968472 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 1.00 341.9 Lg 10:56:46.115 -0.8 T__ ___ 6968471 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KOLS 1.10 64.3 Pg 10:56:34.854 0.2 T__ ___ 6968473 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.10 64.3 Lg 10:56:49.234 -2.4 T__ ___ 6968474 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.22 105.4 Pn 10:56:37.092 0.0 T__ 44.7 ___ ML 1.8 6968476 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.22 105.4 Sn 10:56:53.642 -2.1 T__ ___ 6968475 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=0
VYHS 1.29 271.9 Sn 10:56:56.435 -1.1 T__ ___ 6968462 FDSN SK -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/21 22:17:08.21 1.27 0.34 45.7247 17.8799 9.6 7.4 137 15.0f 10 6 159 0.20 1.09 ke BUD 17004044 BUD 269

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Magnitude Err Nsta Author OrigID
ML 1.3 0.0 5 BUD 17004044

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
A273A 0.20 346.9 Pg 22:17:12.603 -0.4 T__ 291.3 ___ ML 1.3 6968532 FDSN Z3 00 BUD iLoc HHZ HHZ _
A273A 0.20 346.9 Lg 22:17:16.363 0.0 T__ ___ 6968533 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
KOVH 0.39 22.8 Pg 22:17:16.363 -0.2 T__ 42.0 ___ ML 1.0 6968534 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 0.39 22.8 Lg 22:17:22.347 0.0 T__ ___ 6968535 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
A264A 0.60 316.8 Lg 22:17:28.294 0.0 T__ ___ 6968536 FDSN Z3 00 BUD iLoc HHN ??? _
A265A 0.70 355.2 Pg 22:17:22.731 0.6 T__ 156.1 ___ ML 2.1 6968539 FDSN Z3 00 BUD iLoc HHZ HHZ _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
MORH 0.72 47.1 Pn 22:17:22.424 -0.0 T__ 25.7 ___ ML 1.3 6968537 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.72 47.1 Lg 22:17:33.204 0.2 T__ ___ 6968538 FDSN HU -- BUD iLoc HHN ??? _

```

(Reading ML: 1.3 magdef=1  
 (Station ML: 1.3 magdef=1  
 BLY 1.09 207.0 Pn 22:17:28.370 0.2 T\_\_ 34.6 \_\_\_ ML 1.6 6968540 FDSN MN -- BUD iLoc HHZ HHZ \_  
 BLY 1.09 207.0 Lg 22:17:43.025 0.4 T\_\_ \_\_\_ 6968541 FDSN MN -- BUD iLoc HHE ??? \_  
 (Reading ML: 1.6 magdef=1  
 (Station ML: 1.6 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/22	02:51:59.64	2.98	0.40	47.3181	18.0682	15.7	6.2	27	11.9	15.3	8	5	219	0.08	0.15	ke	BUD	17004046	BUD			291

Magnitude	Err	Nsta	Author	OrigID
ML	0.2	0.2	3 BUD	17004046

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MSW3	0.08	31.2	Pg	02:52:02.685	0.3					T__		38.3		___	ML	0.1	6968588	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW3	0.08	31.2	Lg	02:52:04.914	0.1					T__				---		6968592	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.1 magdef=1 (Station ML: 0.1 magdef=1																									
MSW2	0.10	99.2	Pg	02:52:02.891	0.2					T__		105.5		___	ML	0.6	6968590	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW2	0.10	99.2	Lg	02:52:04.922	-0.5					T__				---		6968589	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.6 magdef=1 (Station ML: 0.6 magdef=1																									
CSKK	0.14	70.9	Lg	02:52:06.446	-0.1					T__				---		6968593	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
MSW1	0.15	60.0	Pg	02:52:03.648	0.1					T__		33.7		___	ML	0.2	6968586	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MSW1	0.15	60.0	Lg	02:52:06.678	-0.1					T__				---		6968587	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.2 magdef=1 (Station ML: 0.2 magdef=1																									
HU08A	0.15	319.1	Lg	02:52:06.196	-0.5					T__				---		6968591	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/22	07:24:42.08	0.95	0.85	46.0798	22.8308	5.8	3.8	70	0.0f		13	7	93	0.20	0.97	sx	BUD	17004048	BUD			140

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	17004048

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.20	165.5	Pg	07:24:46.460	0.5					T__		1395.9		_c_	ML	2.0	6968626	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.20	165.5	Lg	07:24:48.164	-0.6					T__				---		6968627	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
GZR	0.69	183.2	Pg	07:24:55.751	0.5					T__		82.0		___	ML	1.8	6968628	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.69	183.2	Lg	07:25:04.676	-0.3					T__				---		6968630	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
DRGR	0.72	353.4	Pg	07:24:57.481	0.9					T__		59.0		___	ML	1.7	6968632	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.72	353.4	Lg	07:25:06.965	-1.2					T__				---		6968631	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
CJR	0.83	39.7	Lg	07:25:09.832	-1.4					T__				---		6968633	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.84	283.4	Pg	07:24:58.903	-0.2					T__		54.0		___	ML	1.7	6968635	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_

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SIRR  0.84 283.4 Lg      07:25:10.990 -0.3      T__          ---          6968634      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LOT   0.91 133.5 Pg      07:24:59.718  0.1      T__          101.6      --- ML      2.0 6968629      FDSN RO      -- BUD  iLoc  HHZ HHZ _
LOT   0.91 133.5 Lg      07:25:11.712 -1.2      T__          ---          6968636      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=0
BZS   0.97 241.8 Pg      07:25:01.402  0.5      T__          30.6      --- ML      1.5 6968638      FDSN RO      -- BUD  iLoc  HHZ HHZ _
BZS   0.97 241.8 Lg      07:25:14.170 -0.4      T__          ---          6968637      FDSN RO      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0

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Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/12/22 07:33:27.19  1.47  0.49  47.8794  16.0732  21.3  3.7  33  0.0f  6  4  207  0.15  0.68  sx  BUD  17004050  BUD  326

```

Magnitude Err Nsta Author OrigID

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Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
CONA  0.15 289.0 Pg      07:33:30.387 -0.0      T__          109.4      --- ML      0.8 6968665      FDSN OE      -- BUD  iLoc  HHZ HHZ _
CONA  0.15 289.0 Lg      07:33:32.432 -0.3      T__          ---          6968667      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=1
RONA  0.23 140.0 Pg      07:33:32.419  0.3      T__          33.2      --- ML      0.5 6968666      FDSN OE      -- BUD  iLoc  HHZ HHZ _
RONA  0.23 140.0 Lg      07:33:34.991 -0.6      T__          ---          6968668      FDSN OE      -- BUD  iLoc  HHN ??? _
(Reading ML: 0.5 magdef=1
(Station ML: 0.5 magdef=1
A013A 0.48 292.6 Lg      07:33:43.278  0.4      T__          ---          6968669      FDSN Z3      00 BUD  iLoc  HHN ??? _
A018A 0.68 258.9 Lg      07:33:49.172  0.1      T__          ---          6968670      FDSN Z3      00 BUD  iLoc  HHN ??? _

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```

Date      Time      Err  RMS Latitude Longitude  Smaj  Smin  Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID  Rep  DPdep  Err Sgp
2021/12/22 08:06:20.33  0.82  1.10  47.1607  18.1029  3.8  3.5  121  0.0f  27  17  75  0.23  1.70  kx  BUD  17004052  BUD  99
2021/12/22 08:06:19.95  0.80  1.13  47.1240  18.0700f  0.0f  27  17  82  0.27  1.70  kx  BUD_GT  17004053  BUD_GT  101

```

(locality : Vilonya Hungary)  
(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
ML 1.7 0.2 9 BUD\_GT 17004053

```

Sta  Dist  EvAz Phase      Time      TRes  Azim AzRes  Slow  SRes Def  SNR      Amp  Per  Qual Magnitude  ArrID  Agy  Deploy  Ln Auth  Rep  PCh ACh L
CSKK  0.27 28.4 Pg      08:06:26.323  0.4      T__          193.9      --- ML      1.3 6968720      FDSN HU      -- BUD  iLoc  HHZ HHZ _
CSKK  0.27 28.4 Lg      08:06:29.329 -1.9      T__          ---          6968731      FDSN HU      -- BUD  iLoc  HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=0
HU08A 0.32 342.1 Pg      08:06:27.877  0.9      T__          191.6      --- ML      1.5 6968717      FDSN ZJ      00 BUD  iLoc  HHZ HHZ _
HU08A 0.32 342.1 Lg      08:06:31.194 -1.6      T__          ---          6968732      FDSN ZJ      00 BUD  iLoc  HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
A267A 0.33 122.1 Lg      08:06:32.990  0.0      T__          ---          6968733      FDSN Z3      00 BUD  iLoc  HHN ??? _
MPLH  0.37 277.5 Pg      08:06:29.244  1.5      T__          188.9      --- ML      1.6 6968730      FDSN HU      -- BUD  iLoc  HHZ HHZ _
MPLH  0.37 277.5 Lg      08:06:33.892  0.0      T__          ---          6968734      FDSN HU      -- BUD  iLoc  HHN ??? _

```

```

(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU09A 0.56 22.3 Lg 08:06:38.550 -2.4 T__
EGYH 0.58 300.5 Pg 08:06:32.333 0.3 T__ 455.7
EGYH 0.58 300.5 Lg 08:06:40.686 -0.3 T__
(Reading ML: 2.5 magdef=1
(Station ML: 2.5 magdef=0
A266A 0.61 167.3 Lg 08:06:42.955 1.2 T__
A265A 0.72 195.2 Lg 08:06:46.523 1.6 T__
HU10A 0.97 41.4 Lg 08:06:52.407 -2.9 T__
MORH 0.99 156.3 Pg 08:06:39.797 0.1 T__ 44.2
MORH 0.99 156.3 Lg 08:06:54.006 -0.2 T__
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOVH 1.04 178.8 Pn 08:06:41.028 0.5 T__ 41.9
KOVH 1.04 178.8 Lg 08:06:55.734 -0.3 T__
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
RONA 1.34 296.2 Lg 08:07:04.115 0.2 T__
MODS 1.36 337.1 Pn 08:06:46.001 0.6 T__
MODS 1.36 337.1 Sn 08:07:04.472 -0.8 T__
ET1H 1.44 57.6 Pg 08:06:48.697 -1.2 T__ 29.1
ET1H 1.44 57.6 Sn 08:07:06.734 -0.0 T__
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
VYHS 1.46 20.4 Pg 08:06:49.547 0.0 T__ 14.0
VYHS 1.46 20.4 Sn 08:07:08.622 0.6 T__
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 1.47 56.6 Pn 08:06:47.788 1.0 T__ 53.9
PSZ 1.47 56.6 Sn 08:07:07.808 -0.3 T__
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
CONA 1.70 299.1 Sn 08:07:14.087 1.0 T__

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/22 08:51:47.36 0.96 1.42 48.3976 20.7392 7.2 3.5 25 0.0f 9 6 155 0.17 1.23 sx BUD 17004054 BUD 164

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```

Magnitude Err Nsta Author OrigID
ML 0.8 0.3 3 BUD 17004054

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 306.5 Pg 08:51:51.183 0.3 T__ 62.5
JOS 0.17 306.5 Lg 08:51:53.368 -0.4 T__
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=1
KECS 0.19 297.0 Pg 08:51:51.769 0.4 T__ 151.1
KECS 0.19 297.0 Lg 08:51:54.325 -0.2 T__
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
HU02A 0.31 207.5 Lg 08:51:59.517 -0.0 T__
ABAH 0.35 106.7 Pg 08:51:55.269 0.6 T__ 33.6

```

ABAH	0.35	106.7	Lg	08:51:59.422	-1.4	T__	---	6968784	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 0.8 magdef=1																
(Station ML: 0.8 magdef=1																
PSZ	0.74	230.0	Lg	08:52:13.528	-0.9	T__	---	6968787	FDSN	GE	--	BUD	iLoc	HHN	???	_
TRPA	1.23	101.9	Sn	08:52:26.542	-2.9	T__	---	6968788	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/22	09:34:27.86	1.01	1.00	46.0508	22.8617	6.7	3.9	65	0.0f	12	6	141	0.17	0.97	sx	BUD	17004056	BUD				208

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	6 BUD	17004056

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.17	170.2	Pg	09:34:31.603	0.5					T__		572.5		_c_	ML	1.5	6968819	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.17	170.2	Lg	09:34:32.595	-0.9					T__				---		6968825	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1																									
(Station ML: 1.5 magdef=0																									
GZR	0.66	185.2	Pg	09:34:40.941	0.4					T__		64.8		---	ML	1.7	6968820	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.66	185.2	Lg	09:34:48.751	-1.2					T__				---		6968826	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1																									
(Station ML: 1.7 magdef=1																									
DRGR	0.75	352.1	Pg	09:34:42.994	0.1					T__		51.4		---	ML	1.6	6968824	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	0.75	352.1	Lg	09:34:54.275	-0.8					T__				---		6968827	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=1																									
SIRR	0.86	285.0	Pg	09:34:46.021	0.6					T__		63.4		---	ML	1.8	6968830	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.86	285.0	Lg	09:34:57.922	0.0					T__				---		6968829	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1																									
(Station ML: 1.8 magdef=1																									
LOT	0.88	133.2	Pg	09:34:45.869	1.2					T__		210.7		---	ML	2.3	6968821	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
LOT	0.88	133.2	Lg	09:34:55.725	-1.8					T__				---		6968828	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1																									
(Station ML: 2.3 magdef=0																									
BZS	0.97	243.9	Pg	09:34:47.323	0.5					T__		35.4		---	ML	1.6	6968823	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.97	243.9	Lg	09:34:59.719	-0.8					T__				---		6968822	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/22	10:40:02.17	1.30	1.22	48.8114	21.2302	7.6	6.2	11	0.0f	14	9	124	0.52	1.62	sx	BUD	17004058	BUD				224

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.0	5 BUD	17004058

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.52	179.3	Pg	10:40:13.294	0.7					T__		48.8		---	ML	1.4	6968873	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.52	179.3	Lg	10:40:20.112	-1.2					T__				---		6968869	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1																									
(Station ML: 1.4 magdef=0																									
JOS	0.56	235.7	Pg	10:40:13.896	0.6					T__		72.7		---	ML	1.7	6968874	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_

JOS	0.56	235.7	Lg	10:40:21.334	-0.3	T__								6968868	FDSN	ZJ	--	BUD	iLoc	HHE	???	_
(Reading ML: 1.7 magdef=1)																						
(Station ML: 1.7 magdef=1)																						
KECS	0.59	236.6	Pg	10:40:14.086	0.1	T__	101.7							6968870	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.59	236.6	Lg	10:40:22.221	-0.7	T__								6968875	FDSN	SK	--	BUD	iLoc	EHN	???	_
(Reading ML: 1.8 magdef=1)																						
(Station ML: 1.8 magdef=0)																						
KOLS	0.70	79.6	Lg	10:40:25.499	-1.4	T__								6968876	FDSN	SK	--	BUD	iLoc	HHN	???	_
HU02A	0.83	214.5	Pg	10:40:20.194	0.8	T__	42.6							6968879	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.83	214.5	Lg	10:40:30.546	-1.7	T__								6968878	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
NIE	0.86	315.2	Lg	10:40:30.287	-0.4	T__								6968877	FDSN	PL	--	BUD	iLoc	BHN	???	_
PSZ	1.26	225.4	Sn	10:40:43.842	-1.5	T__								6968872	FDSN	GE	--	BUD	iLoc	HHN	???	_
ET1H	1.30	224.7	Pn	10:40:27.310	0.7	T__	26.4							6968880	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.30	224.7	Sn	10:40:44.727	-1.1	T__								6968871	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.6 magdef=1)																						
(Station ML: 1.6 magdef=1)																						
VYHS	1.62	259.6	Sn	10:40:56.139	1.9	T__								6968881	FDSN	SK	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/22	10:42:04.19	0.91	1.12	48.6590	19.9461	4.1	3.8	9	0.0f		15	8	119	0.40	0.93	sx	BUD	17004060	BUD			214

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	7 BUD	17004060

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KECS	0.40	115.9	Pg	10:42:12.724	0.4					T__		114.5		___	ML	1.5	6968961	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.40	115.9	Lg	10:42:18.559	0.1					T__				___		6968960	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
JOS	0.43	112.3	Pg	10:42:11.978	-0.8					T__		55.2		___	ML	1.2	6968958	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.43	112.3	Lg	10:42:18.783	-0.6					T__				___		6968962	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
HU02A	0.66	144.1	Pg	10:42:19.860	1.9					T__		33.9		___	ML	1.4	6968963	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.66	144.1	Lg	10:42:27.706	-0.6					T__				___		6968957	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
PSZ	0.74	182.7	Pg	10:42:20.650	0.7					T__		45.4		___	ML	1.6	6968959	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.74	182.7	Lg	10:42:30.272	-0.9					T__				___		6968966	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
VYHS	0.76	257.8	Pg	10:42:20.138	0.7					T__		18.1		___	ML	1.2	6968970	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	0.76	257.8	Lg	10:42:28.926	-1.6					T__				___		6968965	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=0)																									
ET1H	0.78	183.7	Pg	10:42:21.394	0.8					T__		29.4		___	ML	1.4	6968971	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	0.78	183.7	Lg	10:42:31.305	-0.8					T__				___		6968967	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
NIE	0.79	16.9	Pg	10:42:20.317	1.1					T__		24.9		___	ML	1.3	6968969	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_

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NIE 0.79 16.9 Lg 10:42:28.791 -1.7 T__ --- 6968964 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
ABAH 0.93 112.4 Lg 10:42:36.466 -0.3 T__ --- 6968968 FDSN HU -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/23 09:45:18.11 0.87 1.09 48.4865 20.7887 4.3 3.2 6 0.0f 19 10 83 0.17 1.22 sx BUD 17004062 BUD 151

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Magnitude Err Nsta Author OrigID
ML 1.6 0.1 8 BUD 17004062

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
JOS 0.17 273.3 Pg 09:45:21.887 0.2 T__ 302.7 --- ML 1.2 6969020 FDSN ZJ -- BUD iLoc HHZ HHZ _
JOS 0.17 273.3 Lg 09:45:24.599 0.1 T__ --- 6969024 FDSN ZJ -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
KECS 0.20 269.2 Pg 09:45:22.456 0.1 T__ 626.1 --- ML 1.7 6969021 FDSN SK -- BUD iLoc EHN EHZ _
KECS 0.20 269.2 Lg 09:45:25.943 0.2 T__ --- 6969025 FDSN SK -- BUD iLoc EHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ABAH 0.36 122.2 Pg 09:45:26.018 0.5 T__ 75.7 --- ML 1.2 6969027 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 0.36 122.2 Lg 09:45:30.543 -1.3 T__ --- 6969026 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
HU02A 0.40 205.9 Pg 09:45:27.996 1.2 T__ 45.8 --- ML 1.1 6969022 FDSN ZJ 00 BUD iLoc HHZ HHZ _
HU02A 0.40 205.9 Lg 09:45:32.954 -0.5 T__ --- 6969028 FDSN ZJ 00 BUD iLoc HHN ??? _
(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
PSZ 0.83 226.8 Pg 09:45:35.252 -0.3 T__ 50.0 --- ML 1.7 6969030 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 0.83 226.8 Lg 09:45:46.657 -1.4 T__ --- 6969029 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ET1H 0.86 225.6 Pn 09:45:37.019 0.7 T__ 38.3 --- ML 1.6 6969023 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 0.86 225.6 Lg 09:45:47.928 -1.0 T__ --- 6969031 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU03A 0.99 234.2 Lg 09:45:51.785 -1.2 T__ --- 6969034 FDSN ZJ 00 BUD iLoc HHN ??? _
NIE 0.99 341.1 Pg 09:45:37.365 0.6 T__ 32.0 --- ML 1.6 6969033 FDSN PL -- BUD iLoc BHZ BHZ _
NIE 0.99 341.1 Lg 09:45:50.258 -0.5 T__ --- 6969032 FDSN PL -- BUD iLoc BHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
KOLS 1.08 65.0 Pg 09:45:39.022 0.4 T__ --- 6969036 FDSN SK -- BUD iLoc HHZ ??? _
KOLS 1.08 65.0 Lg 09:45:53.278 -2.2 T__ --- 6969035 FDSN SK -- BUD iLoc HHN ??? _
TRPA 1.22 106.3 Pn 09:45:42.482 1.1 T__ 51.4 --- ML 1.9 6969037 FDSN HU -- BUD iLoc HHZ HHZ _
TRPA 1.22 106.3 Sn 09:45:58.102 -1.9 T__ --- 6969038 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/24 09:28:56.70 1.48 0.94 45.7528 21.5581 8.4 6.6 161 0.2 3.0 32 22 76 0.14 3.22 ke BUD 17004064 BUD 131

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Magnitude Err Nsta Author OrigID  
 ML 2.7 0.1 13 BUD 17004064

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BZS	0.14	163.2	Pg	09:28:59.751	-0.0					T__		7834.6		_c_	ML	2.6	6969230	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.14	163.2	Lg	09:29:01.752	-0.4					T__				---		6969253	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
BANR	0.47	218.9	Pg	09:29:06.191	0.1					T__		4160.0		---	ML	3.2	6969231	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BANR	0.47	218.9	Lg	09:29:13.093	-0.1					T__				---		6969254	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 3.2 magdef=1)																									
(Station ML: 3.2 magdef=0)																									
SIRR	0.52	7.8	Pg	09:29:07.842	0.3					T__		495.1		_c_	ML	2.4	6969229	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.52	7.8	Lg	09:29:15.019	-0.7					T__				---		6969255	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																									
(Station ML: 2.4 magdef=0)																									
AMBH	0.83	316.2	Pg	09:29:13.620	-0.6					T__				---		6969232	FDSN	HU	--	BUD	iLoc	HHZ	???	_	
AMBH	0.83	316.2	Lg	09:29:25.434	-0.5					T__				---		6969256	FDSN	HU	--	BUD	iLoc	HHN	???	_	
GZR	0.93	112.4	Pg	09:29:14.558	0.1					T__		506.4		---	ML	2.7	6969233	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.93	112.4	Lg	09:29:26.639	-0.8					T__				---		6969234	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.7 magdef=1)																									
(Station ML: 2.7 magdef=1)																									
DEV	0.95	81.6	Lg	09:29:27.512	-0.6					T__				---		6969235	FDSN	RO	--	BUD	iLoc	HHN	???	_	
HU06A	1.18	324.7	Sn	09:29:36.574	-0.0					T__				---		6969257	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
HU24A	1.19	346.7	Sn	09:29:36.997	0.1					T__				---		6969258	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
DRGR	1.31	37.2	Pn	09:29:21.682	0.2					T__		224.3		---	ML	2.6	6969227	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DRGR	1.31	37.2	Pg	09:29:22.305	-0.4					T__				---		6969237	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
DRGR	1.31	37.2	Sn	09:29:39.131	-1.5					T__				---		6969236	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
HU21A	1.40	295.1	Sn	09:29:42.105	0.1					T__				---		6969238	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
LOT	1.58	100.3	Sn	09:29:45.863	-1.7					T__				---		6969239	FDSN	RO	--	BUD	iLoc	HHN	???	_	
LTVH	1.65	8.1	Lg	09:29:51.838	0.6					T__				---		6969240	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CJR	1.71	55.1	Pn	09:29:27.614	0.4					T__		210.7		---	ML	2.8	6969228	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
CJR	1.71	55.1	Pg	09:29:29.878	-0.1					T__				---		6969242	FDSN	RO	--	BUD	iLoc	HHZ	???	_	
CJR	1.71	55.1	Lg	09:29:53.129	0.2					T__				---		6969241	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
ARCR	2.35	54.4	Lg	09:30:14.293	1.7					T__				---		6969243	FDSN	RO	--	BUD	iLoc	HHN	???	_	
ET1H	2.42	332.0	Pg	09:29:44.548	-0.8					T__		53.3		---	ML	2.6	6969251	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
PSZ	2.45	332.8	Pn	09:29:37.067	-0.1					T__		78.4		---	ML	2.8	6969244	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.8 magdef=1)																									
(Station ML: 2.8 magdef=1)																									
TRPA	2.47	15.4	Pn	09:29:38.564	1.0					T__		58.2		---	ML	2.6	6969245	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
HU02A	2.47	343.7	Pn	09:29:39.996	2.5					T__		58.5		---	ML	2.6	6969252	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=1)																									
HU03A	2.54	328.7	Pn	09:29:38.555	0.4					T__		126.8		---	ML	3.0	6969246	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_

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(Reading ML: 3.0 magdef=1
(Station ML: 3.0 magdef=0
ABAH 2.55 355.2 Pn 09:29:39.365 0.9 T__ 80.9 ___ ML 2.8 6969247 FDSN HU -- BUD iLoc HHZ HHZ _
ABAH 2.55 355.2 Lg 09:30:21.123 1.3 T__ ___ 6969248 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
JOS 2.83 346.1 Pn 09:29:43.441 1.1 T__ 49.3 ___ ML 2.8 6969249 FDSN ZJ -- BUD iLoc HHZ HHZ _
(Reading ML: 2.8 magdef=1
(Station ML: 2.8 magdef=1
KOLS 3.22 8.4 Pg 09:29:59.273 1.0 T__ ___ 6969250 FDSN SK -- BUD iLoc HHZ ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/24	17:04:49.56	1.75	0.64	45.6673	21.6142	18.5	5.6	167	12.0f	8	4	163	0.05	1.36	ke	BUD	17004066	BUD				238

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Magnitude Err Nsta Author OrigID
ML 1.8 0.5 4 BUD 17004066

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
BZS 0.05 178.0 Pg 17:04:51.838 -0.2 T__ 582.5 ___ ML 1.2 6969316 FDSN RO -- BUD iLoc HHZ HHZ _
BZS 0.05 178.0 Lg 17:04:53.927 -0.0 T__ ___ 6969321 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=1
BANR 0.44 229.9 Pg 17:04:58.358 0.0 T__ 1611.6 ___ ML 2.7 6969322 FDSN RO -- BUD iLoc HHZ HHZ _
BANR 0.44 229.9 Lg 17:05:04.959 0.1 T__ ___ 6969317 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 2.7 magdef=1
(Station ML: 2.7 magdef=1
GZR 0.86 108.1 Pg 17:05:05.553 -0.6 T__ 57.5 ___ ML 1.7 6969320 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.86 108.1 Lg 17:05:19.076 1.2 T__ ___ 6969318 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
DRGR 1.36 33.7 Pn 17:05:13.895 0.3 T__ 46.4 ___ ML 1.9 6969323 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 1.36 33.7 Sn 17:05:31.890 -0.3 T__ ___ 6969319 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/25	07:18:21.34	0.80	0.88	46.4689	16.2094	5.3	3.8	102	5.0	9.0	99	57	56	0.04	4.71	ke	BUD	17004070	BUD			109

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Magnitude Err Nsta Author OrigID
ML 3.7 0.1 54 BUD 17004070

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
KOGS 0.04 126.3 Pg 07:18:23.164 0.5 T__ 715769.2 _c_ ML 4.3 6969718 FDSN SL -- BUD iLoc BHZ BHZ _
KOGS 0.04 126.3 Lg 07:18:24.390 0.7 T__ ___ 6969717 FDSN SL -- BUD iLoc BHN ??? _
(Reading ML: 4.3 magdef=1
(Station ML: 4.3 magdef=0
BEHE 0.39 89.6 Pg 07:18:29.683 0.3 T__ 31717.8 ___ ML 3.9 6969715 FDSN HU -- BUD iLoc HHZ HHZ _
BEHE 0.39 89.6 Lg 07:18:36.267 1.4 T__ ___ 6969716 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 3.9 magdef=1
(Station ML: 3.9 magdef=1

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A262A	0.45	28.9	Pg	07:18:30.621	0.2	T__	33313.5	___	ML	4.1	6969720	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A262A	0.45	28.9	Lg	07:18:37.324	0.8	T__		---			6969721	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 4.1 magdef=1)																			
(Station ML: 4.1 magdef=0)																			
PTJ	0.59	196.7	Pg	07:18:33.107	-0.0	T__	10311.9	___	ML	3.8	6969726	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
PTJ	0.59	196.7	Lg	07:18:41.500	-0.1	T__		---			6969743	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
ZAG	0.66	193.6	Pn	07:18:34.878	-2.5	T__	37946.9	___	ML	4.4	6969728	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_
ZAG	0.66	193.6	Lg	07:18:44.111	0.8	T__		---			6969744	FDSN	CR	--	BUD	iLoc	BHN	???	_
(Reading ML: 4.4 magdef=1)																			
(Station ML: 4.4 magdef=0)																			
A263A	0.78	76.9	Pg	07:18:36.657	-0.3	T__	8927.4	___	ML	3.9	6969719	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.78	76.9	Sn	07:18:48.292	-1.8	T__		---			6969745	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.9 magdef=1)																			
(Station ML: 3.9 magdef=1)																			
A261A	0.81	52.9	Pn	07:18:37.196	-1.2	T__	4780.4	___	ML	3.6	6969723	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
A264A	0.81	112.1	Pn	07:18:37.594	-0.9	T__	10193.3	___	ML	4.0	6969722	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.0 magdef=1)																			
(Station ML: 4.0 magdef=0)																			
CRES	0.83	219.4	Pg	07:18:37.419	0.0	T__	6111.5	___	ML	3.7	6969735	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	0.83	219.4	Lg	07:18:48.629	-0.8	T__		---			6969746	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
A260A	0.88	22.5	Pn	07:18:38.910	-0.7	T__	7455.2	___	ML	3.9	6969727	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A260A	0.88	22.5	Lg	07:18:50.655	0.2	T__		---			6969747	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.9 magdef=1)																			
(Station ML: 3.9 magdef=1)																			
ARSA	0.91	329.2	Pg	07:18:37.718	-1.3	T__	21192.9	___	ML	4.3	6969736	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.91	329.2	Sn	07:18:51.647	-1.6	T__		---			6969748	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 4.3 magdef=1)																			
(Station ML: 4.3 magdef=0)																			
A265A	1.10	91.7	Pn	07:18:41.405	-0.9	T__	3513.6	___	ML	3.7	6969725	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	1.10	91.7	Lg	07:18:56.896	-0.3	T__		---			6969750	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
OBKA	1.15	272.6	Pn	07:18:42.760	-1.2	T__	4031.1	___	d ML	3.7	6969739	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
OBKA	1.15	272.6	Sn	07:18:59.467	-0.5	T__		---			6969752	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
MPLH	1.15	52.0	Pg	07:18:42.729	-1.0	T__	1424.1	___	ML	3.3	6969730	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MPLH	1.15	52.0	Sn	07:18:58.309	-0.8	T__		---			6969751	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.3 magdef=1)																			
(Station ML: 3.3 magdef=0)																			
EGYH	1.22	38.6	Pn	07:18:43.742	-0.4	T__	4059.6	___	ML	3.8	6969733	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
EGYH	1.22	38.6	Lg	07:19:01.576	-1.0	T__		---			6969753	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
RONA	1.23	2.7	Pn	07:18:44.071	-0.5	T__	2398.7	___	ML	3.6	6969738	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	1.23	2.7	Lg	07:19:02.103	0.5	T__		---			6969754	FDSN	OE	--	BUD	iLoc	HHN	???	_
(Reading ML: 3.6 magdef=1)																			





TREC	2.87	350.5	Pn	07:19:07.425	0.1	T__	533.4	___	ML	3.8	6969797	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.8 magdef=1)																			
(Station ML: 3.8 magdef=1)																			
PSZ	2.90	58.7	Pn	07:19:07.425	-0.0	T__	262.3	___	ML	3.5	6969799	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	2.90	58.7	Pg	07:19:16.758	-0.6	T__		---			6969798	FDSN	GE	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
HU02A	3.37	59.0	Pn	07:19:13.831	-0.0	T__	115.5	___	ML	3.4	6969800	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	3.37	59.0	Pg	07:19:24.666	-1.7	T__		---			6969801	FDSN	ZJ	00	BUD	iLoc	HHZ	???	_
(Reading ML: 3.4 magdef=1)																			
(Station ML: 3.4 magdef=0)																			
MORC	3.43	14.6	Pn	07:19:14.701	-0.4	T__	156.7	___	ML	3.6	6969802	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
MORC	3.43	14.6	Pg	07:19:26.802	1.4	T__		---			6969803	FDSN	CZ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
KECS	3.53	53.7	Pg	07:19:28.620	-0.4	T__	108.2	___	ML	3.5	6969804	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
JOS	3.57	53.8	Pn	07:19:16.441	-0.1	T__	126.9	___	ML	3.6	6969805	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	3.57	53.8	Pg	07:19:29.253	-0.4	T__		---			6969806	FDSN	ZJ	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			
PRU	3.69	343.0	Pn	07:19:18.893	0.2	T__	361.2	___	ML	4.1	6969807	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 4.1 magdef=1)																			
(Station ML: 4.1 magdef=0)																			
SIRR	3.78	91.1	Pg	07:19:33.207	0.0	T__	84.5	___	ML	3.5	6969808	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=0)																			
BZS	3.86	100.8	Pn	07:19:19.763	-1.0	T__	129.9	___	ML	3.7	6969809	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	3.86	100.8	Pg	07:19:35.264	2.0	T__		---			6969810	FDSN	RO	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
ABAH	3.88	60.0	Pn	07:19:20.712	0.0	T__	130.3	___	ML	3.7	6969811	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	3.88	60.0	Pg	07:19:35.422	-0.2	T__		---			6969812	FDSN	HU	--	BUD	iLoc	HHZ	???	_
(Reading ML: 3.7 magdef=1)																			
(Station ML: 3.7 magdef=1)																			
NIE	4.03	41.5	Sn	07:20:11.327	0.1	T__		---			6969813	FDSN	PL	--	BUD	iLoc	BHN	???	_
GZR	4.71	100.8	Pn	07:19:32.338	-0.6	T__	68.9	___	ML	3.6	6969814	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
(Reading ML: 3.6 magdef=1)																			
(Station ML: 3.6 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/25	19:59:21.88	1.21	0.90	46.0432	16.9746	9.9	4.5	4	12.0f		13	8	173	0.25	1.19	ke	BUD	17004074	BUD			222

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.3	5 BUD	17004074

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A264A	0.25	61.9	Pg	19:59:27.247	-0.2					T__		244.1		___	ML	1.4	6970384	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A264A	0.25	61.9	Lg	19:59:30.520	-0.7					T__				---		6970387	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									

A263A	0.64	21.4	Pg	19:59:34.917	0.3	T__	151.6	___	ML	2.0	6970385	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A263A	0.64	21.4	Lg	19:59:43.399	-0.0	T__		---			6970390	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
KOGS	0.65	309.1	Pg	19:59:34.769	0.3	T__	95.3	___	ML	1.8	6970389	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.65	309.1	Lg	19:59:42.954	-0.2	T__		---			6970388	FDSN	SL	--	BUD	iLoc	BHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
A265A	0.69	55.9	Pg	19:59:34.993	-0.5	T__	152.9	___	ML	2.1	6970386	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A265A	0.69	55.9	Lg	19:59:44.997	0.3	T__		---			6970391	FDSN	Z3	00	BUD	iLoc	HHN	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=0)																			
PTJ	0.72	259.4	Lg	19:59:45.283	-0.9	T__		---			6970396	FDSN	CR	--	BUD	iLoc	BHN	???	_
KOVH	0.78	86.3	Pg	19:59:37.771	0.4	T__	53.6	---	ML	1.7	6970393	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.78	86.3	Lg	19:59:48.763	1.0	T__		---			6970392	FDSN	HU	--	BUD	iLoc	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
MORH	1.17	81.0	Sn	20:00:00.425	1.7	T__		---			6970394	FDSN	HU	--	BUD	iLoc	HHN	???	_
MPLH	1.19	18.9	Sn	20:00:00.746	1.4	T__		---			6970395	FDSN	HU	--	BUD	iLoc	HHN	???	_

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/26	01:41:00.97	1.12	0.53	45.7461	21.5938	9.2	4.9	101	4.5	24.5	8	6	107	0.13	1.39	ke	BUD	17004076	BUD			167

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BZS	0.13	172.9	Pg	01:41:03.841	0.0					T__		110.9		---	ML	0.7	6970500	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.13	172.9	Lg	01:41:05.990	-0.0					T__				---		6970501	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.7 magdef=1)																									
(Station ML: 0.7 magdef=1)																									
BANR	0.49	221.7	Lg	01:41:17.541	0.0					T__				---		6970502	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.52	5.0	Pg	01:41:11.946	0.3					T__		22.4		---	ML	1.1	6970505	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.52	5.0	Lg	01:41:19.082	-0.6					T__				---		6970504	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
GZR	0.90	112.6	Lg	01:41:30.926	0.0					T__				---		6970503	FDSN	RO	--	BUD	iLoc	HHN	???	_	
HU24A	1.20	345.6	Sn	01:41:39.951	-0.5					T__				---		6970506	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
FRGS	1.39	245.5	Sn	01:41:44.750	-0.6					T__				---		6970507	FDSN	SJ	--	BUD	iLoc	BHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/27	11:50:27.56	0.70	0.55	46.4621	16.2058	4.4	3.2	120	6.4	5.9	40	22	78	0.03	2.59	ke	BUD	17004082	BUD			109

Magnitude Err Nsta Author OrigID  
ML 2.4 0.2 17 BUD 17004082

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.03	114.4	Pg	11:50:28.250	-0.8					T__		25860.5		---	ML	2.8	6971024	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.03	114.4	Pb	11:50:28.981	-0.1					T__				---		6971025	FDSN	SL	--	BUD	iLoc	BHZ	???	_	
KOGS	0.03	114.4	Lg	11:50:30.108	-0.1					T__				---		6971007	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.8 magdef=1)																									

(Station ML: 2.8 magdef=0																			
BEHE 0.39 88.6 Pg	11:50:35.615	-0.1	T__	736.4	___ ML	2.3 6970999	FDSN HU	-- BUD	iLoc	HHZ HHZ	_								
BEHE 0.39 88.6 Lg	11:50:41.833	0.6	T__		___	6971008	FDSN HU	-- BUD	iLoc	HHN ???	_								
(Reading ML: 2.3 magdef=1																			
(Station ML: 2.3 magdef=1																			
A262A 0.46 28.7 Pg	11:50:37.018	0.2	T__	775.0	___ ML	2.5 6971001	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_								
A262A 0.46 28.7 Lg	11:50:43.879	0.9	T__		___	6971026	FDSN Z3	00 BUD	iLoc	HHN ???	_								
(Reading ML: 2.5 magdef=1																			
(Station ML: 2.5 magdef=1																			
PTJ 0.58 196.7 Pg	11:50:39.293	0.0	T__	388.3	___ ML	2.4 6971003	FDSN CR	-- BUD	iLoc	BHZ BHZ	_								
PTJ 0.58 196.7 Lg	11:50:47.340	-0.3	T__		___	6971027	FDSN CR	-- BUD	iLoc	BHN ???	_								
(Reading ML: 2.4 magdef=1																			
(Station ML: 2.4 magdef=1																			
ZAG 0.65 193.5 Pg	11:50:40.902	0.5	T__	1871.0	___ ML	3.1 6971004	FDSN CR	-- BUD	iLoc	BHZ BHZ	_								
ZAG 0.65 193.5 Lg	11:50:49.661	0.3	T__		___	6971028	FDSN CR	-- BUD	iLoc	BHN ???	_								
(Reading ML: 3.1 magdef=1																			
(Station ML: 3.1 magdef=0																			
A263A 0.79 76.5 Pg	11:50:43.148	-0.1	T__	410.9	___ ML	2.6 6971000	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_								
A263A 0.79 76.5 Lg	11:50:53.795	-0.1	T__		___	6971009	FDSN Z3	00 BUD	iLoc	HHN ???	_								
(Reading ML: 2.6 magdef=1																			
(Station ML: 2.6 magdef=1																			
A261A 0.81 52.6 Lg	11:50:54.458	-0.4	T__		___	6971010	FDSN Z3	00 BUD	iLoc	HHN ???	_								
CRES 0.82 219.6 Pg	11:50:43.604	0.2	T__	155.9	___ ML	2.1 6971011	FDSN SL	-- BUD	iLoc	BHZ BHZ	_								
CRES 0.82 219.6 Lg	11:50:54.933	-0.5	T__		___	6971019	FDSN SL	-- BUD	iLoc	BHN ???	_								
(Reading ML: 2.1 magdef=1																			
(Station ML: 2.1 magdef=0																			
A260A 0.89 22.5 Pg	11:50:44.947	-0.3	T__	369.1	___ ML	2.6 6971002	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_								
A260A 0.89 22.5 Lg	11:50:57.185	0.2	T__		___	6971029	FDSN Z3	00 BUD	iLoc	HHN ???	_								
(Reading ML: 2.6 magdef=1																			
(Station ML: 2.6 magdef=1																			
ARSA 0.92 329.5 Pg	11:50:43.998	-1.3	T__	587.2	___ ML	2.8 6971020	FDSN OE	-- BUD	iLoc	HHZ HHZ	_								
ARSA 0.92 329.5 Lg	11:50:57.413	0.5	T__		___	6971030	FDSN OE	-- BUD	iLoc	HHN ???	_								
(Reading ML: 2.8 magdef=1																			
(Station ML: 2.8 magdef=1																			
A265A 1.10 91.4 Sn	11:51:03.268	-0.3	T__		___	6971031	FDSN Z3	00 BUD	iLoc	HHN ???	_								
OBKA 1.15 273.0 Pg	11:50:49.173	0.2	T__	135.2	___ ML	2.3 6971021	FDSN OE	-- BUD	iLoc	HHZ HHZ	_								
OBKA 1.15 273.0 Lg	11:51:05.059	0.4	T__		___	6971032	FDSN OE	-- BUD	iLoc	HHN ???	_								
(Reading ML: 2.3 magdef=1																			
(Station ML: 2.3 magdef=1																			
MPLH 1.16 51.8 Sn	11:51:05.087	-0.2	T__		___	6971012	FDSN HU	-- BUD	iLoc	HHN ???	_								
EGYH 1.23 38.5 Pg	11:50:51.079	-0.2	T__	150.8	___ ML	2.4 6971034	FDSN HU	-- BUD	iLoc	HHZ HHZ	_								
EGYH 1.23 38.5 Sn	11:51:07.173	0.3	T__		___	6971033	FDSN HU	-- BUD	iLoc	HHN ???	_								
(Reading ML: 2.4 magdef=1																			
(Station ML: 2.4 magdef=1																			
RONA 1.24 2.8 Pn	11:50:50.351	-0.4	T__	106.4	___ ML	2.2 6971013	FDSN OE	-- BUD	iLoc	HHZ HHZ	_								
RONA 1.24 2.8 Sn	11:51:07.721	0.2	T__		___	6971035	FDSN OE	-- BUD	iLoc	HHN ???	_								
(Reading ML: 2.2 magdef=1																			
(Station ML: 2.2 magdef=0																			
A273A 1.24 115.4 Pn	11:50:49.949	-0.4	T__	262.9	___ ML	2.6 6971005	FDSN Z3	00 BUD	iLoc	HHZ HHZ	_								
(Reading ML: 2.6 magdef=1																			
(Station ML: 2.6 magdef=1																			
SOP 1.25 11.0 Pn	11:50:50.540	-0.1	T__	173.9	___ ML	2.4 6971014	FDSN HU	-- BUD	iLoc	HHZ HHZ	_								
SOP 1.25 11.0 Pg	11:50:51.420	-0.1	T__		___	6971037	FDSN HU	-- BUD	iLoc	HHZ ???	_								

SOP 1.25 11.0 Lg 11:51:08.938 0.5 T\_\_ --- 6971036 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.4 magdef=1  
 (Station ML: 2.4 magdef=1  
 KOVH 1.37 105.2 Pn 11:50:51.078 -0.9 T\_\_ 93.2 --- ML 2.2 6971006 FDSN HU -- BUD iLoc HHZ HHZ \_  
 KOVH 1.37 105.2 Lg 11:51:10.721 -0.8 T\_\_ --- 6971015 FDSN HU -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=1  
 A266A 1.42 86.7 Lg 11:51:14.140 0.4 T\_\_ --- 6971016 FDSN Z3 00 BUD iLoc HHN ??? \_  
 CONA 1.49 351.0 Pn 11:50:54.595 0.3 T\_\_ 79.8 --- ML 2.2 6971022 FDSN OE -- BUD iLoc HHZ HHZ \_  
 CONA 1.49 351.0 Pg 11:50:56.256 0.3 T\_\_ --- 6971023 FDSN OE -- BUD iLoc HHZ ??? \_  
 CONA 1.49 351.0 Lg 11:51:16.937 1.1 T\_\_ --- 6971038 FDSN OE -- BUD iLoc HHN ??? \_  
 (Reading ML: 2.2 magdef=1  
 (Station ML: 2.2 magdef=0  
 MORH 1.71 97.4 Lg 11:51:23.549 1.2 T\_\_ --- 6971017 FDSN HU -- BUD iLoc HHN ??? \_  
 JAVC 2.59 21.9 Pn 11:51:09.704 0.1 T\_\_ 76.9 --- ML 2.8 6971018 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.8 magdef=1  
 (Station ML: 2.8 magdef=0

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/27	12:15:33.13	3.21	1.85	45.5534	17.3479	31.0	9.5	173	0.0f	8	4	228	0.75	1.35		sx	BUD	17004084	BUD			266

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.2	3 BUD	17004084

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.75	44.2	Pg	12:15:49.059	0.5					T__		42.2		---	ML	1.5	6971109	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.75	44.2	Lg	12:15:58.588	-0.8					T__				---		6971116	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MORH	1.12	53.4	Pn	12:15:55.465	0.5					T__		33.2		---	ML	1.6	6971111	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	1.12	53.4	Lg	12:16:10.650	-1.6					T__				---		6971110	FDSN	HU	--	BUD	iLoc	HHN	???	_	
KOGS	1.18	319.9	Lg	12:16:12.472	0.7					T__				---		6971113	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CRES	1.35	282.3	Pn	12:15:59.188	0.2					T__		65.8		---	ML	2.1	6971115	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
CRES	1.35	282.3	Sn	12:16:14.446	-3.3					T__				---		6971112	FDSN	SL	--	BUD	iLoc	BHN	???	_	
CRES	1.35	282.3	Lg	12:16:17.220	-1.5					T__				---		6971114	FDSN	SL	--	BUD	iLoc	BHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/12/27	18:07:15.30	0.82	0.65	46.4739	16.1929	4.0	3.5	119	3.2	0.4	31	18	69	0.05	1.72		ke	BUD	17004086	BUD			111

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	13 BUD	17004086

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOGS	0.05	123.0	Pg	18:07:15.998	-0.6					T__		9838.0		---	ML	2.4	6971174	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_
KOGS	0.05	123.0	Lg	18:07:17.886	0.2					T__				---		6971195	FDSN	SL	--	BUD	iLoc	BHN	???	_	

(Reading ML: 2.4 magdef=1

(Station ML: 2.4 magdef=0)																				
BEHE	0.40	90.3	Pg	18:07:23.521	-0.1	T__	415.7	---	ML	2.0	6971176	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
BEHE	0.40	90.3	Lg	18:07:29.166	0.0	T__		---			6971196	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																				
(Station ML: 2.0 magdef=1)																				
A262A	0.45	30.4	Pg	18:07:24.272	-0.1	T__	294.1	---	ML	2.0	6971182	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A262A	0.45	30.4	Lg	18:07:30.649	0.1	T__		---			6971197	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																				
(Station ML: 2.0 magdef=1)																				
PTJ	0.59	195.5	Pg	18:07:27.122	-0.0	T__	165.0	---	ML	2.0	6971175	FDSN	CR	--	BUD	iLoc	BHZ	BHZ	_	
PTJ	0.59	195.5	Lg	18:07:34.991	-0.6	T__		---			6971183	FDSN	CR	--	BUD	iLoc	BHN	???	_	
(Reading ML: 2.0 magdef=1)																				
(Station ML: 2.0 magdef=1)																				
ZAG	0.66	192.5	Lg	18:07:37.448	0.1	T__		---			6971177	FDSN	CR	--	BUD	iLoc	BHN	???	_	
A263A	0.79	77.4	Pg	18:07:31.024	-0.1	T__	150.1	---	ML	2.1	6971185	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A263A	0.79	77.4	Lg	18:07:41.681	-0.1	T__		---			6971184	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																				
(Station ML: 2.1 magdef=1)																				
A264A	0.82	112.1	Lg	18:07:42.875	0.5	T__		---			6971178	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
CRES	0.83	218.6	Pg	18:07:31.587	0.3	T__	56.1	---	ML	1.7	6971186	FDSN	SL	--	BUD	iLoc	BHZ	BHZ	_	
CRES	0.83	218.6	Lg	18:07:42.422	-0.8	T__		---			6971187	FDSN	SL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.7 magdef=1)																				
(Station ML: 1.7 magdef=0)																				
A260A	0.88	23.3	Lg	18:07:44.629	0.2	T__		---			6971188	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
ARSA	0.90	329.6	Pg	18:07:31.919	-0.9	T__	236.7	---	ML	2.4	6971190	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
ARSA	0.90	329.6	Lg	18:07:45.117	1.0	T__		---			6971189	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1)																				
(Station ML: 2.4 magdef=0)																				
A265A	1.11	92.0	Pn	18:07:36.608	-0.0	T__	167.3	---	ML	2.3	6971199	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_	
A265A	1.11	92.0	Lg	18:07:51.595	-0.1	T__		---			6971198	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																				
(Station ML: 2.3 magdef=1)																				
OBKA	1.14	272.4	Pg	18:07:37.118	0.3	T__	63.3	---	ML	1.9	6971179	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
OBKA	1.14	272.4	Lg	18:07:52.639	0.6	T__		---			6971200	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																				
(Station ML: 1.9 magdef=0)																				
RONA	1.23	3.3	Pn	18:07:38.273	-0.5	T__	60.1	---	ML	2.0	6971201	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
RONA	1.23	3.3	Lg	18:07:54.812	-0.7	T__		---			6971180	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																				
(Station ML: 2.0 magdef=1)																				
SOP	1.24	11.5	Pn	18:07:37.975	-0.7	T__	74.1	---	ML	2.1	6971203	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
SOP	1.24	11.5	Lg	18:07:55.928	0.1	T__		---			6971202	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																				
(Station ML: 2.1 magdef=1)																				
A273A	1.26	115.7	Lg	18:07:56.894	1.0	T__		---			6971191	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
KOVH	1.38	105.6	Sn	18:07:59.443	0.8	T__		---			6971181	FDSN	HU	--	BUD	iLoc	HHN	???	_	
CONA	1.47	351.3	Pg	18:07:43.749	0.1	T__	56.7	---	ML	2.1	6971192	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_	
CONA	1.47	351.3	Lg	18:08:03.629	0.5	T__		---			6971204	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.1 magdef=1)																				
(Station ML: 2.1 magdef=1)																				
MORH	1.72	97.8	Pn	18:07:45.888	1.0	T__	33.5	---	ML	2.0	6971194	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_	
MORH	1.72	97.8	Lg	18:08:12.382	1.8	T__		---			6971193	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1)																				

(Station ML: 2.0 magdef=1)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/28	07:50:19.14	1.28	0.70	46.0533	22.8142	9.8	4.6	47	0.0f		9	5	165	0.18	0.94	sx	BUD	17004088	BUD			234

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.1	4 BUD	17004088

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.18	159.9	Pg	07:50:23.039	0.4					T__		672.6		___	ML	1.6	6971333	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.18	159.9	Lg	07:50:24.170	-1.0					T__				---		6971337	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
GZR	0.66	182.3	Pg	07:50:32.389	0.6					T__		29.6		___	ML	1.3	6971334	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.66	182.3	Lg	07:50:40.416	-0.8					T__				---		6971338	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
DRGR	0.74	354.5	Lg	07:50:45.213	-0.9					T__				---		6971339	FDSN	RO	--	BUD	iLoc	HHN	???	_	
SIRR	0.83	285.4	Pg	07:50:36.372	0.3					T__		23.1		___	ML	1.3	6971336	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.83	285.4	Lg	07:50:48.025	-0.1					T__				---		6971340	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
BZS	0.94	242.9	Pg	07:50:37.599	0.0					T__		24.3		___	ML	1.4	6971335	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.94	242.9	Lg	07:50:50.740	-0.1					T__				---		6971341	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/28	08:54:15.24	1.91	0.99	46.0548	22.8678	15.1	5.1	42	0.0f		9	5	208	0.17	0.98	sx	BUD	17004090	BUD			249

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	4 BUD	17004090

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.17	171.8	Pg	08:54:19.041	0.5					T__		253.1		___	ML	1.2	6971439	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.17	171.8	Lg	08:54:20.310	-0.7					T__				---		6971443	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
GZR	0.66	185.5	Pg	08:54:28.527	0.5					T__		49.9		___	ML	1.6	6971440	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.66	185.5	Lg	08:54:36.503	-0.9					T__				---		6971444	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
SIRR	0.87	284.7	Pg	08:54:32.996	0.1					T__		36.8		___	ML	1.5	6971442	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.87	284.7	Lg	08:54:44.670	-0.7					T__				---		6971446	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
LOT	0.88	133.5	Lg	08:54:43.535	-1.3					T__				---		6971445	FDSN	RO	--	BUD	iLoc	HHN	???	_	
BZS	0.98	243.8	Pg	08:54:35.274	1.0					T__		37.8		___	ML	1.6	6971441	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.98	243.8	Lg	08:54:47.167	-0.9					T__				---		6971447	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									

(Station ML: 1.6 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/28	08:57:07.59	0.87	0.95	48.4966	20.7513	4.3	3.3	5	0.0f		19	10	83	0.14	1.27	sx	BUD	17004092	BUD			155

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.2	8 BUD	17004092

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.14	269.8	Pg	08:57:10.982	0.3					T__		240.1		_c_	ML	1.1	6971489	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.14	269.8	Lg	08:57:13.151	0.1					T__				---		6971496	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
KECS	0.18	265.8	Pg	08:57:11.499	0.1					T__		472.5		---	ML	1.5	6971490	FDSN	SK	--	BUD	iLoc	EHZ	EHZ	_
KECS	0.18	265.8	Lg	08:57:14.506	0.1					T__				---		6971497	FDSN	SK	--	BUD	iLoc	EHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
ABAH	0.38	121.5	Pg	08:57:15.758	0.3					T__		50.6		---	ML	1.1	6971493	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.38	121.5	Lg	08:57:21.491	-0.7					T__				---		6971498	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0																									
HU02A	0.40	202.0	Pg	08:57:16.483	0.2					T__		46.4		---	ML	1.1	6971492	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.40	202.0	Lg	08:57:22.805	-0.1					T__				---		6971491	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
PSZ	0.81	225.0	Pg	08:57:25.531	0.7					T__		41.6		---	ML	1.6	6971494	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	0.81	225.0	Lg	08:57:36.037	-1.1					T__				---		6971499	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
ET1H	0.85	223.9	Lg	08:57:37.410	-0.6					T__				---		6971500	FDSN	HU	--	BUD	iLoc	HHN	???	_	
NIE	0.97	342.3	Pg	08:57:26.079	0.2					T__		27.4		---	ML	1.5	6971502	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.97	342.3	Lg	08:57:38.507	-1.2					T__				---		6971501	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
KOLS	1.10	66.0	Pg	08:57:29.433	0.9					T__				---		6971503	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	1.10	66.0	Lg	08:57:43.628	-1.9					T__				---		6971504	FDSN	SK	--	BUD	iLoc	HHN	???	_	
TRPA	1.25	106.4	Pn	08:57:31.731	0.5					T__		44.7		---	ML	1.8	6971506	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TRPA	1.25	106.4	Sn	08:57:48.529	-1.6					T__				---		6971505	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
VYHS	1.27	270.6	Pn	08:57:31.952	0.2					T__		13.6		---	ML	1.3	6971495	FDSN	SK	--	BUD	iLoc	HHZ	HHZ	_
VYHS	1.27	270.6	Sn	08:57:49.184	-1.7					T__				---		6971507	FDSN	SK	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/28	09:40:00.25	1.08	1.06	48.7935	21.2165	6.1	5.1	69	0.0f		15	9	121	0.50	1.28	sx	BUD	17004094	BUD			200

Magnitude	Err	Nsta	Author	OrigID
ML	1.6	0.1	6 BUD	17004094

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
ABAH	0.50	178.2	Pg	09:40:11.104	0.8					T__		78.0		---	ML	1.6	6971555	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.50	178.2	Lg	09:40:18.108	-0.7					T__				---		6971556	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
JOS	0.54	236.7	Pg	09:40:11.011	-0.0					T__		44.4		---	ML	1.4	6971551	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.54	236.7	Lg	09:40:19.038	-0.1					T__				---		6971552	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.58	237.6	Lg	09:40:19.799	-0.7					T__				---		6971557	FDSN	SK	--	BUD	iLoc	EHN	???	_	
KOLS	0.71	78.3	Lg	09:40:23.566	-1.9					T__				---		6971558	FDSN	SK	--	BUD	iLoc	HHN	???	_	
HU02A	0.81	214.7	Pg	09:40:17.033	-0.0					T__		41.3		---	ML	1.6	6971561	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	0.81	214.7	Lg	09:40:28.686	-0.9					T__				---		6971560	FDSN	ZJ	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
NIE	0.87	316.4	Pg	09:40:17.174	0.5					T__		21.5		---	ML	1.3	6971559	FDSN	PL	--	BUD	iLoc	BHZ	BHZ	_
NIE	0.87	316.4	Lg	09:40:28.517	-0.5					T__				---		6971554	FDSN	PL	--	BUD	iLoc	BHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
TRPA	1.10	126.5	Lg	09:40:36.969	-1.5					T__				---		6971562	FDSN	HU	--	BUD	iLoc	HHN	???	_	
PSZ	1.24	225.7	Pn	09:40:24.792	0.7					T__		41.7		---	ML	1.8	6971563	FDSN	GE	--	BUD	iLoc	HHZ	HHZ	_
PSZ	1.24	225.7	Sn	09:40:41.775	-1.2					T__				---		6971553	FDSN	GE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
ET1H	1.28	225.0	Pn	09:40:26.005	1.6					T__		31.7		---	ML	1.7	6971565	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ET1H	1.28	225.0	Sn	09:40:42.864	-0.5					T__				---		6971564	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/28	09:53:19.61	0.90	1.05	47.9587	16.6262	5.1	3.6	134	0.0f		12	9	92	0.28	1.14	sx	BUD	17004096	BUD			130

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.6	3 BUD	17004096

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
SOP	0.28	189.5	Lg	09:53:29.372	-0.2					T__				---		6971604	FDSN	HU	--	BUD	iLoc	HHN	???	_	
RONA	0.34	220.7	Pg	09:53:26.431	-0.2					T__		70.7		---	ML	1.1	6971601	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.34	220.7	Lg	09:53:31.265	-0.2					T__				---		6971605	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.51	266.9	Pg	09:53:30.038	0.1					T__		62.2		---	ML	1.5	6971599	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.51	266.9	Lg	09:53:37.074	0.2					T__				---		6971600	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MODS	0.60	46.2	Pg	09:53:33.070	0.9					T__				---		6971606	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
MODS	0.60	46.2	Lg	09:53:41.190	-0.6					T__				---		6971603	FDSN	SK	--	BUD	iLoc	HHN	???	_	
EGYH	0.72	138.4	Lg	09:53:43.985	-1.0					T__				---		6971607	FDSN	HU	--	BUD	iLoc	HHN	???	_	
MPLH	1.00	141.6	Lg	09:53:53.897	-0.3					T__				---		6971608	FDSN	HU	--	BUD	iLoc	HHN	???	_	
ARSA	1.03	226.9	Lg	09:53:53.722	1.3					T__				---		6971602	FDSN	OE	--	BUD	iLoc	HHN	???	_	
KRUC	1.11	352.2	Lg	09:53:55.159	-2.3					T__				---		6971609	FDSN	CZ	--	BUD	iLoc	HHN	???	_	

JAVC 1.14 37.3 Pn 09:53:43.014 0.5 T\_\_ 72.2 \_\_\_ ML 2.0 6971610 FDSN CZ -- BUD iLoc HHZ HHZ \_  
 (Reading ML: 2.0 magdef=1  
 (Station ML: 2.0 magdef=1

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/28	13:10:06.14	0.91	0.60	47.8662	16.0859	5.9	5.7	141	0.0f	14	7	82	0.16	1.52	sx	BUD	17004100	BUD				154

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.5	6 BUD	17004100

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
CONA	0.16	292.5	Pg	13:10:09.453	-0.2					T__		227.9		___	ML	1.1	6971701	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
CONA	0.16	292.5	Lg	13:10:11.592	-0.5					T__				---		6971709	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
RONA	0.22	139.5	Pg	13:10:11.388	0.6					T__		70.6		___	ML	0.8	6971702	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
RONA	0.22	139.5	Lg	13:10:14.115	0.1					T__				---		6971710	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.8 magdef=1 (Station ML: 0.8 magdef=0																									
ARSA	0.72	212.0	Pg	13:10:19.643	-0.5					T__		54.3		___	ML	1.6	6971703	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.72	212.0	Lg	13:10:29.281	-0.0					T__				---		6971711	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
MODS	0.95	57.1	Lg	13:10:39.113	-0.8					T__				---		6971712	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.21	9.6	Pg	13:10:29.949	0.5					T__		67.5		___	ML	2.0	6971705	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.21	9.6	Sn	13:10:46.747	-0.2					T__				---		6971704	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									
TREC	1.48	344.7	Pn	13:10:34.224	0.5					T__		98.4		___	ML	2.3	6971708	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
TREC	1.48	344.7	Sn	13:10:54.307	0.9					T__				---		6971707	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1																									
CKRC	1.52	309.5	Pn	13:10:34.609	0.4					T__		102.9		___	ML	2.4	6971714	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.52	309.5	Pg	13:10:35.477	0.8					T__				---		6971706	FDSN	CZ	--	BUD	iLoc	HHZ	???	_	
CKRC	1.52	309.5	Sn	13:10:54.506	-0.3					T__				---		6971713	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0																									

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/12/29	08:07:38.22	0.83	0.94	47.1260	18.1027	3.8	3.4	89	0.0f	20	11	67	0.26	1.72	kx	BUD	17004104	BUD					100
2021/12/29	08:07:38.18	0.83	0.88	47.1240	18.0700f				0.0f	20	11	69	0.25	1.70	kx	BUD_GT	17004105	BUD_GT					98

(locality : Vilonya Hungary)  
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.2	9 BUD_GT	17004105

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
TIH	0.25	208.5	Pg	08:07:44.513	0.7					T__		457.0		___	ML	1.7	6971893	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
TIH	0.25	208.5	Lg	08:07:47.581	-0.7					T__				---		6971902	FDSN	HU	--	BUD	iLoc	HHN	???	_	

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(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
CSKK 0.27 28.4 Pg 08:07:44.408 0.2 T__ 145.3 ___ ML 1.2 6971892 FDSN HU -- BUD iLoc HHZ HHZ _
CSKK 0.27 28.4 Lg 08:07:47.631 -1.8 T__ ___ 6971901 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.2 magdef=1
(Station ML: 1.2 magdef=0
HU08A 0.32 342.1 Lg 08:07:50.299 -0.7 T__ ___ 6971904 FDSN ZJ 00 BUD iLoc HHN ??? _
A267A 0.33 122.1 Pg 08:07:45.900 0.6 T__ 151.5 ___ ML 1.4 6971891 FDSN Z3 00 BUD iLoc HHZ HHZ _
A267A 0.33 122.1 Lg 08:07:49.681 -1.5 T__ ___ 6971903 FDSN Z3 00 BUD iLoc HHN ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
MPLH 0.37 277.5 Pg 08:07:47.303 1.3 T__ 151.1 ___ ML 1.5 6971890 FDSN HU -- BUD iLoc HHZ HHZ _
MPLH 0.37 277.5 Lg 08:07:52.091 0.0 T__ ___ 6971894 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
MORH 0.99 156.3 Pg 08:07:57.881 -0.1 T__ 45.3 ___ ML 1.7 6971896 FDSN HU -- BUD iLoc HHZ HHZ _
MORH 0.99 156.3 Lg 08:08:11.642 -0.8 T__ ___ 6971895 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
KOVH 1.04 178.8 Pg 08:07:59.125 0.1 T__ 51.1 ___ ML 1.8 6971906 FDSN HU -- BUD iLoc HHZ HHZ _
KOVH 1.04 178.8 Lg 08:08:13.257 -1.0 T__ ___ 6971905 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ET1H 1.44 57.6 Pn 08:08:04.880 0.5 T__ 40.9 ___ ML 1.9 6971897 FDSN HU -- BUD iLoc HHZ HHZ _
ET1H 1.44 57.6 Sn 08:08:24.281 -0.7 T__ ___ 6971907 FDSN HU -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
VYHS 1.46 20.4 Pn 08:08:05.892 0.9 T__ 16.8 ___ ML 1.5 6971898 FDSN SK -- BUD iLoc HHZ HHZ _
VYHS 1.46 20.4 Sn 08:08:25.665 -0.6 T__ ___ 6971908 FDSN SK -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
PSZ 1.47 56.6 Pn 08:08:06.214 1.2 T__ 62.4 ___ ML 2.1 6971900 FDSN GE -- BUD iLoc HHZ HHZ _
PSZ 1.47 56.6 Sn 08:08:25.614 -0.7 T__ ___ 6971899 FDSN GE -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
CONA 1.70 299.1 Lg 08:08:33.169 -0.2 T__ ___ 6971909 FDSN OE -- BUD iLoc HHN ??? _

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/29 13:44:08.46 0.91 0.71 47.8574 16.0698 5.5 3.6 41 0.0f 12 7 85 0.16 1.52 sx BUD 17004106 BUD 161

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Magnitude Err Nsta Author OrigID
ML 1.7 0.3 5 BUD 17004106

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Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CONA 0.16 296.9 Pg 13:44:12.055 0.2 T__ 158.2 ___ ML 0.9 6971968 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.16 296.9 Lg 13:44:13.884 -0.3 T__ ___ 6971970 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.9 magdef=1
(Station ML: 0.9 magdef=1
RONA 0.22 135.8 Pg 13:44:13.915 0.8 T__ 74.1 ___ ML 0.8 6971969 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.22 135.8 Lg 13:44:15.960 -0.5 T__ ___ 6971971 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.8 magdef=1
(Station ML: 0.8 magdef=0

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A008A	0.58	331.5	Lg	13:44:28.440	0.8	T__									6971972	FDSN	Z3	00	BUD	iLoc	HH2	???	_	
ARSA	0.71	211.6	Pg	13:44:21.601	-0.6	T__				63.9					1.7	6971979	FDSN	OE	--	BUD	iLoc	HHZ	HHZ	_
ARSA	0.71	211.6	Lg	13:44:30.898	-0.3	T__									6971973	FDSN	OE	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MODS	0.96	57.0	Lg	13:44:41.256	-1.5	T__									6971974	FDSN	SK	--	BUD	iLoc	HHN	???	_	
KRUC	1.22	10.1	Pg	13:44:32.200	0.2	T__				54.4					1.9	6971976	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
KRUC	1.22	10.1	Sn	13:44:49.183	-0.4	T__									6971975	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
CKRC	1.52	310.0	Pn	13:44:36.496	0.0	T__				84.3					2.3	6971978	FDSN	CZ	--	BUD	iLoc	HHZ	HHZ	_
CKRC	1.52	310.0	Sn	13:44:56.888	-0.2	T__									6971977	FDSN	CZ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 2.3 magdef=1)																								
(Station ML: 2.3 magdef=0)																								

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/30	04:39:31.39	2.18	0.84	45.7380	21.5066	24.5	8.8	68	6.8	24.6	6	4	223	0.14	1.34	ke	BUD	17004108	BUD			260

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
BZS	0.14	147.5	Pg	04:39:34.786	0.2					T__		148.0			ML	0.9	6972094	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.14	147.5	Lg	04:39:36.610	-0.4					T__						6972095	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=1)																									
SIRR	0.54	11.3	Pg	04:39:42.603	0.2					T__		36.5			ML	1.4	6972097	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.54	11.3	Lg	04:39:50.108	-0.4					T__						6972096	FDSN	RO	--	BUD	iLoc	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
GZR	0.96	110.7	Lg	04:40:03.136	0.1					T__						6972098	FDSN	RO	--	BUD	iLoc	HHN	???	_	
DRGR	1.34	38.0	Sn	04:40:15.643	1.0					T__						6972099	FDSN	RO	--	BUD	iLoc	HHE	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/30	09:00:15.04	1.07	0.64	48.8211	21.8013	13.9	4.0	151	0.0f		9	5	180	0.33	1.10	sx	BUD	17004110	BUD			255

Magnitude Err Nsta Author OrigID  
ML 1.8 0.1 3 BUD 17004110

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
KOLS	0.33	70.0	Pg	09:00:21.880	0.2					T__						6972123	FDSN	SK	--	BUD	iLoc	HHZ	???	_	
KOLS	0.33	70.0	Lg	09:00:26.662	-0.6					T__						6972126	FDSN	SK	--	BUD	iLoc	HHN	???	_	
ABAH	0.64	215.6	Pg	09:00:28.078	0.2					T__		83.8			ML	1.8	6972122	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
ABAH	0.64	215.6	Lg	09:00:38.555	-0.1					T__						6972127	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
TRPA	0.85	144.3	Lg	09:00:45.774	0.4					T__						6972129	FDSN	HU	--	BUD	iLoc	HHN	???	_	
JOS	0.90	249.2	Pg	09:00:33.026	0.2					T__		68.0			ML	1.8	6972125	FDSN	ZJ	--	BUD	iLoc	HHZ	HHZ	_
JOS	0.90	249.2	Lg	09:00:46.073	-0.1					T__						6972128	FDSN	ZJ	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									

HU02A	1.10	231.0	Pn	09:00:35.915	-0.8	T__	66.8	___	ML	1.9	6972124	FDSN	ZJ	00	BUD	iLoc	HHZ	HHZ	_
HU02A	1.10	231.0	Lg	09:00:52.730	-1.0	T__		---			6972130	FDSN	ZJ	00	BUD	iLoc	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2021/12/30	09:47:41.74	1.09	0.82	46.1221	18.0491	8.0	4.0	144	0.0f	8	5	123	0.05	1.11	sx	BUD	17004112	BUD				207

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.0	3 BUD	17004112

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.05	133.7	Pg	09:47:43.775	0.3					T__		990.4		_c	ML	1.4	6972154	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
KOVH	0.05	133.7	Lg	09:47:44.519	-0.6					T__				---		6972157	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A273A	0.26	218.3	Pg	09:47:47.913	0.4					T__		500.8		---	ML	1.7	6972155	FDSN	Z3	00	BUD	iLoc	HHZ	HHZ	_
A273A	0.26	218.3	Lg	09:47:50.872	-0.7					T__				---		6972158	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
MORH	0.42	77.1	Pg	09:47:51.105	0.4					T__		88.3		---	ML	1.4	6972156	FDSN	HU	--	BUD	iLoc	HHZ	HHZ	_
MORH	0.42	77.1	Lg	09:47:57.071	-0.5					T__				---		6972160	FDSN	HU	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
A266A	0.43	20.2	Lg	09:47:57.226	-0.6					T__				---		6972159	FDSN	Z3	00	BUD	iLoc	HHN	???	_	
MPLH	1.11	341.7	Sn	09:48:18.654	-1.2					T__				---		6972161	FDSN	HU	--	BUD	iLoc	HHN	???	_	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2021/12/30	10:11:44.57	1.11	1.13	46.1003	22.6915	8.1	4.3	34	0.0f	11	6	129	0.26	1.00	sx	BUD	17004114	BUD					206

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.0	5 BUD	17004114

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.26	145.7	Pg	10:11:49.902	0.3					T__		419.4		---	ML	1.7	6972285	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
DEV	0.26	145.7	Lg	10:11:52.072	-1.2					T__				---		6972286	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
DRGR	0.69	1.1	Lg	10:12:08.648	-1.1					T__				---		6972287	FDSN	RO	--	BUD	iLoc	HHN	???	_	
GZR	0.71	175.1	Pg	10:11:59.139	1.0					T__		96.0		---	ML	1.9	6972280	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
GZR	0.71	175.1	Lg	10:12:07.259	-1.0					T__				---		6972284	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
SIRR	0.74	283.5	Pg	10:12:00.085	0.4					T__		32.1		---	ML	1.4	6972283	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
SIRR	0.74	283.5	Lg	10:12:10.437	-0.5					T__				---		6972288	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=0)																									
BZS	0.89	237.6	Pg	10:12:02.007	0.0					T__		68.6		---	ML	1.8	6972282	FDSN	RO	--	BUD	iLoc	HHZ	HHZ	_
BZS	0.89	237.6	Lg	10:12:14.341	-0.3					T__				---		6972289	FDSN	RO	--	BUD	iLoc	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									

```

(Station ML: 1.8 magdef=1
LOT 1.00 130.5 Pg 10:12:05.008 1.3 T__ 61.6 ___ ML 1.8 6972281 FDSN RO -- BUD iLoc HHZ HHZ _
LOT 1.00 130.5 Lg 10:12:16.413 -1.8 T__ ___ 6972290 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/30 11:06:44.87 0.94 1.11 45.9919 22.7218 5.8 3.9 49 0.0f 11 7 86 0.17 0.94 sx BUD 17004116 BUD 126

```

```

Magnitude Err Nsta Author OrigID
ML 1.7 0.2 4 BUD 17004116

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
DEV 0.17 130.5 Pg 11:06:48.472 0.4 T__ 1098.2 ___ ML 1.8 6972322 FDSN RO -- BUD iLoc HHZ HHZ _
DEV 0.17 130.5 Lg 11:06:50.192 -0.2 T__ ___ 6972325 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
GZR 0.60 176.3 Pg 11:06:56.799 0.4 T__ 58.2 ___ ML 1.6 6972323 FDSN RO -- BUD iLoc HHZ HHZ _
GZR 0.60 176.3 Lg 11:07:04.702 -0.3 T__ ___ 6972326 FDSN RO -- BUD iLoc HHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
SIRR 0.79 290.8 Pg 11:07:01.690 0.7 T__ 40.7 ___ ML 1.5 6972329 FDSN RO -- BUD iLoc HHZ HHZ _
SIRR 0.79 290.8 Lg 11:07:12.054 -0.5 T__ ___ 6972324 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
DRGR 0.80 359.5 Pg 11:07:01.567 0.6 T__ 83.2 ___ ML 1.9 6972327 FDSN RO -- BUD iLoc HHZ HHZ _
DRGR 0.80 359.5 Lg 11:07:12.042 -1.2 T__ ___ 6972328 FDSN RO -- BUD iLoc HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BZS 0.86 244.5 Lg 11:07:12.224 -1.6 T__ ___ 6972332 FDSN RO -- BUD iLoc HHN ??? _
LOT 0.91 126.2 Lg 11:07:14.913 -0.8 T__ ___ 6972330 FDSN RO -- BUD iLoc HHN ??? _
CJR 0.94 39.8 Lg 11:07:16.124 -1.9 T__ ___ 6972331 FDSN RO -- BUD iLoc HHN ??? _

```

```

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2021/12/30 18:02:59.88 1.06 0.36 47.8300 16.2165 6.8 3.3 42 9.9 10.1 13 7 116 0.14 1.24 ke BUD 17004120 BUD 157

```

```

Magnitude Err Nsta Author OrigID
ML 1.4 0.6 6 BUD 17004120

```

```

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh ACh L
RONA 0.14 157.5 Pg 18:03:03.269 -0.2 T__ 82.0 _d_ ML 0.6 6972581 FDSN OE -- BUD iLoc HHZ HHZ _
RONA 0.14 157.5 Lg 18:03:05.640 -0.3 T__ ___ 6972580 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 0.6 magdef=1
(Station ML: 0.6 magdef=0
CONA 0.26 292.5 Pg 18:03:05.671 0.2 T__ 95.5 ___ ML 1.0 6972578 FDSN OE -- BUD iLoc HHZ HHZ _
CONA 0.26 292.5 Lg 18:03:09.437 0.1 T__ ___ 6972579 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
SOP 0.27 122.4 Pg 18:03:05.886 0.2 T__ 82.8 ___ ML 1.0 6972586 FDSN HU -- BUD iLoc HHZ HHZ _
SOP 0.27 122.4 Lg 18:03:09.946 0.2 T__ ___ 6972587 FDSN HU -- BUD iLoc HHN ??? _

```

```

(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=1
A008A 0.66 325.2 Pg 18:03:12.536 -0.1 T__ 80.5 --- ML 1.8 6972582 FDSN Z3 00 BUD iLoc HHZ HHZ _
A008A 0.66 325.2 Lg 18:03:21.353 -0.3 T__ --- 6972588 FDSN Z3 00 BUD iLoc HH3 ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ARSA 0.75 219.3 Pg 18:03:13.879 -0.6 T__ 125.5 --- ML 2.0 6972589 FDSN OE -- BUD iLoc HHZ HHZ _
ARSA 0.75 219.3 Lg 18:03:24.498 0.6 T__ --- 6972583 FDSN OE -- BUD iLoc HHN ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
A262A 0.99 167.5 Lg 18:03:32.176 -0.0 T__ --- 6972584 FDSN Z3 00 BUD iLoc HHN ??? _
KRUC 1.24 5.4 Pn 18:03:22.861 0.2 T__ 79.2 --- ML 2.1 6972590 FDSN CZ -- BUD iLoc HHZ HHZ _
KRUC 1.24 5.4 Sn 18:03:39.720 0.3 T__ --- 6972585 FDSN CZ -- BUD iLoc HHN ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0

```



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