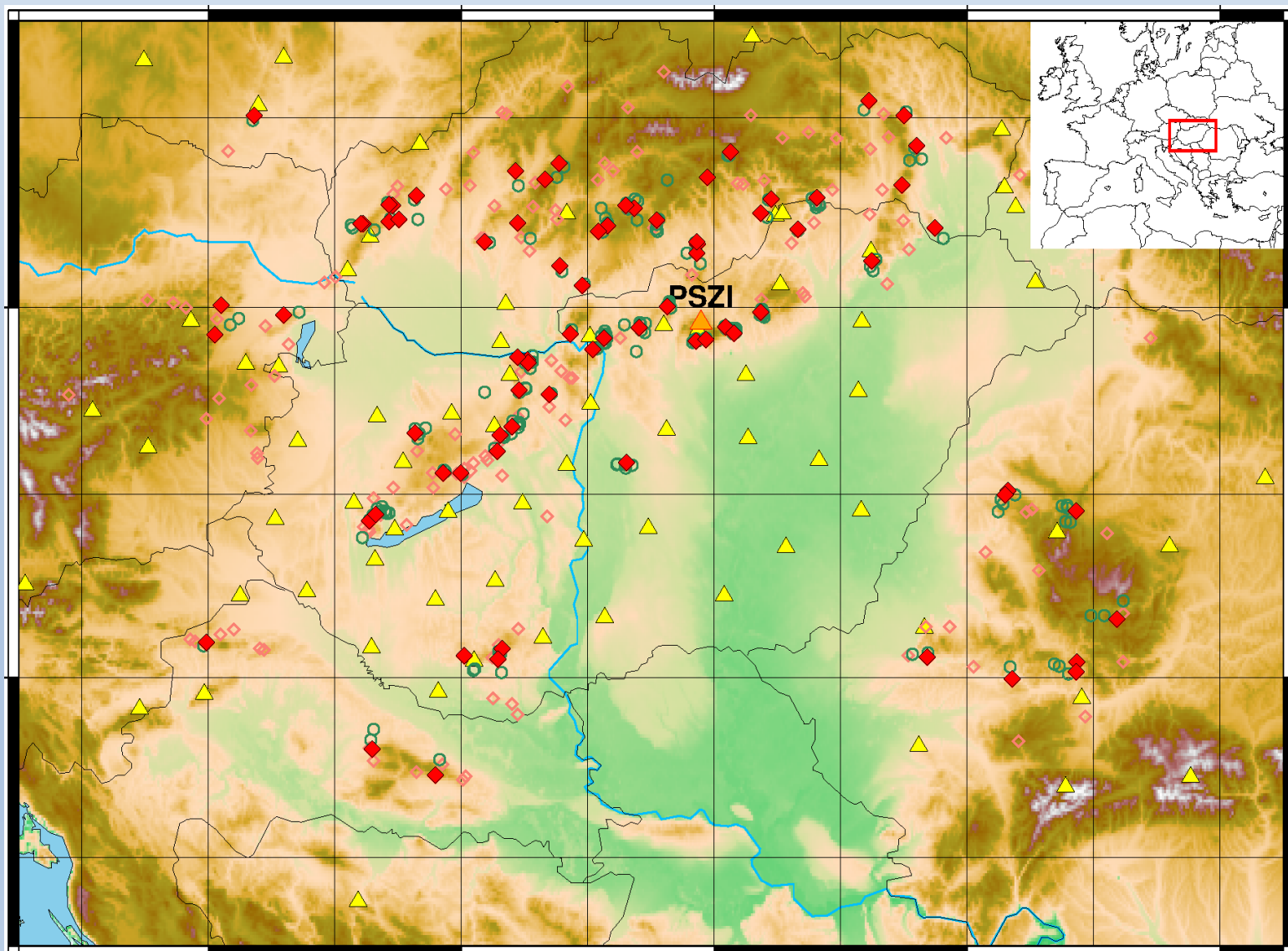


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# Hungarian Seismo-Acoustic Bulletin

2022





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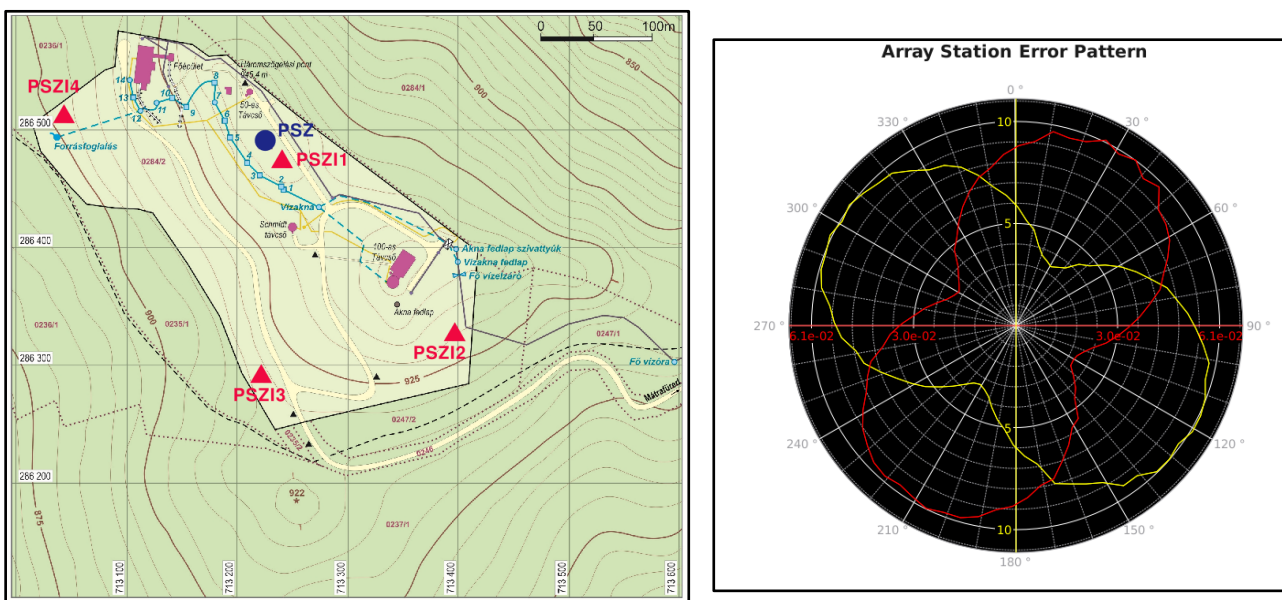
# The Hungarian National Infrasonic Network

## The Piskés-tető infrasonic array (PSZI)

The Hungarian National Infrasonic Network (HNIN, [doi:10.14470/UA114590](https://doi.org/10.14470/UA114590)) was established by the Kövesligethy Radó Seismological Observatory, Research Centre for Astronomy and Earth Sciences of the Hungarian Academy of Sciences, Budapest, Hungary with the deployment of the Piskés-tető (PSZI) infrasonic array in 2017 (Czanik and Bondár, 2017). The PSZI infrasonic array is registered at the International Registry of Seismographic Stations, and the HNIN has the FDSN network code HN (<https://geofon.gfz-potsdam.de/doi/network/HN>). The Geodetic and Geophysical Institute has exited the Research Centre for Astronomy and Earth Sciences (CSFK) and assumed the name of Institute of Earth Physics and Space Science (FI) on April 1, 2021. The Kövesligethy Radó Seismological Observatory, Institute of Earth Physics and Space Science is responsible for the operations, maintenance and providing data of the Hungarian seismological (HU) and infrasonic (HN) networks.

The Piskés-tető infrasonic array is located in Northern Hungary, in the Mátra Mountains, at approximately 930 m above sea level. The array consists of four elements and has an aperture of approximately 300 m. Each element of the array is equipped with a SeismoWave MB3d microbarometer with a built-in digitizer. The central element of the infrasonic array (PSZI1) is co-located with a permanent broadband seismological station, PSZ, jointly managed by the ELKH Kövesligethy Radó Seismological Observatory and the GFZ German Research Centre for Geosciences.

The site is covered with a temperate mixed forest with relatively dense undergrowth that helps to further reduce environmental noise. **Figure 1a** shows the elements of the array (red triangles) as well as the co-located seismic station, PSZ (blue circle). Note that the CSFK owns the site and the fence around the site basically determined the actual geometry and the aperture of the array. **Figure 1b** shows that the effect of somewhat suboptimal geometry is apparent in the error distribution of azimuth and velocity estimations.



**Figure 1.** Left: red triangles mark the elements of the PSZI array. The PSZ broadband seismological station is marked with a blue circle. Right: error distribution of the azimuth and velocity estimations.

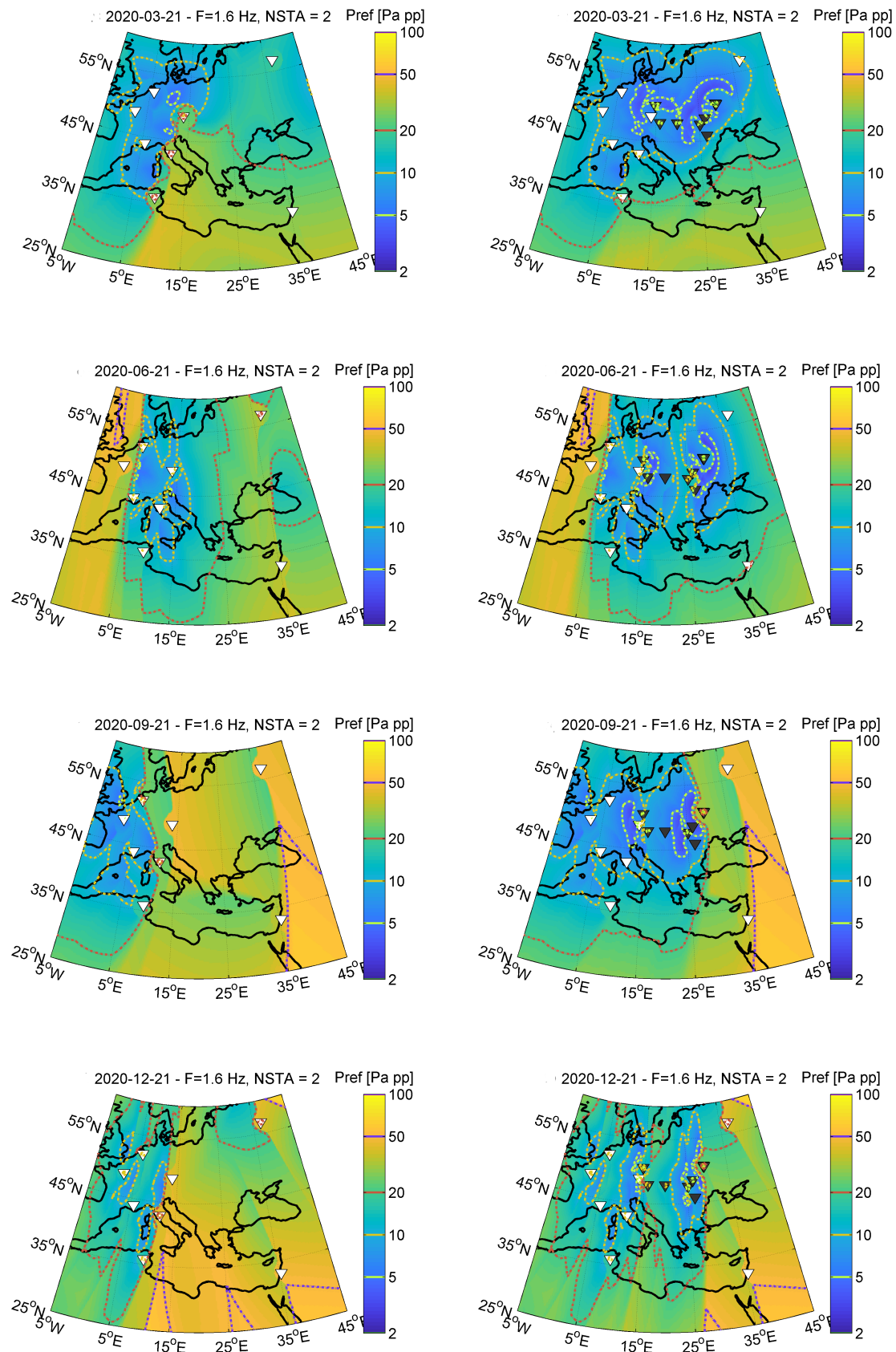
## Central and Eastern European Infrasond Network (CEEIN)

The Central and Eastern European Infrasond Network (CEEIN, Bondár et al., 2022; Šindelářová et al., 2018) was established in 2018 as part of the Atmospheric dynamics Research InfraStructure in Europe (ARISE, Blanc et al., 2018) network extension program (<http://arise-project.eu>) with the collaboration between the Zentralanstalt für Meteorologie und Geodynamik (ZAMG), Vienna, Austria, the Institute of Atmospheric Physics of the Czech Academy of Sciences (IAP), Prague, Czech Republic, the Research Centre for Astronomy and Earth Sciences of the Eötvös Loránd Research Network (CSFK), Budapest, Hungary, and the National Institute for Earth Physics (NIEP), Magurele, Romania. The Main Centre of Special Monitoring National Center for Control and Testing of Space Facilities, State Agency of Ukraine, joined CEEIN in 2019. Members of the CEEIN exchange data real time and collaborate in scientific research. **Table 1** shows the infrasond arrays contributing to CEEIN.

**Table 1. CEEIN stations**

Country	Net	Station code	Lat	Lon	Aperture (km)	Ondate	Offdate
Hungary	HN	PSZI	47.92	19.89	0.25	2017/05/25	-
Austria	OE	ISCO	47.92	16.29	0.36	2020/10/30	2021/08/12
Austria	OE	ISCO	47.92	16.29	0.1	2022/03/25	-
Czechia	C9	PVCI	50.53	14.57	0.2	2014/05/01	-
Czechia	C9	WBCI	50.25	12.44	6.0	2016/09/28.	
Romania	R1	BURARI	47.62	25.22	0.6	2016/07/28	2019/09/20
Romania	R1	BURARI	47.62	25.22	0.69	2019/09/21	-
Romania	R1	IPLOR	45.85	26.65	2.43	2009/05/28	2018/11/09
Romania	R1	IPLOR	45.85	26.65	0.49	2019/12/13	-
Romania	R1	I67RO	46.67	25.12	0.95	2016/09/27	2018/10/18
Ukraine	UD	MAAG1	50.70	29.23	0.16	2006/09/01	-
Ukraine	UD	MAAG2	48.56	26.46	0.16	2007/05/01	-
Ukraine	UD	GRDI	50.60	29.45	0.40	2020/07/01	-

Bondár et al. (2022) have published the first CEEIN seismo-acoustic bulletin for 2017-2020 that includes events (bolides, sonic booms, explosions, quarry blasts and earthquakes) recorded by at least two CEEIN arrays. Bondár et al. (2022) have shown that CEEIN arrays close the gap in infrasond station coverage in Central and Eastern Europe. **Figure 2** shows that they not only significantly reduce the event detection threshold of the European infrasond network in all seasons, but also add new detection capability in the Aegean region and Eastern Europe. The detection capability maps were produced with the simulation method by Le Pichon et al. (2012) that takes into consideration the effects of signal dominant frequency, fine scale atmospheric disturbances as well as stratospheric winds from the models of the European Center for Medium range Weather Forecasting ([www.ecmwf.int](http://www.ecmwf.int)).



**Figure 2. Detection capability *without* (left column) and *with* (right column) the CEEIN stations on 21 March, June, September and December 2020. The CEEIN stations are represented with dark grey triangles; IMS and other national infrasound stations are shown as white triangles.**

## Data and Resources

The Hungarian Seismo-Acoustic Bulletin was compiled by the Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, ELKH and the Kövesligethy Radó Seismological Observatory, Earth Physics and Space Science, ELKH. PSZI data were complemented with infrasound data from the Central and East European Infrasound Network (CEEIN), the Comprehensive Nuclear-Test-Ban Treaty Organization International Monitoring System infrasound stations, and seismic data from the permanent stations of the Hungarian National Seismological Network and stations in the Central and East European Earthquake Research Network (CE3RN) as well as data from other permanent and temporary networks in the region.

Networks contributing to the Central and East European Earthquake Infrasound Network (CEEIN) include the

- Czech Microbarograph Network, Institute of Atmospheric Physics, Czech Academy of Sciences, <https://doi.org/10.7914/SN/C9>
- Hungarian National Infrasound Network, ELKH FI Kövesligethy Radó Seismological Observatory, [doi:10.14470/UA114590](https://doi.org/10.14470/UA114590)
- Romanian Infrasound Network, National Institute for Earth Physics (NIEP), <https://doi.org/10.7914/SN/R1>
- Austrian Infrasound Network, Zentralanstalt für Meteorologie und Geodynamik (ZAMG), <https://doi.org/10.7914/SN/OE>
- Main Centre of Special Monitoring National Center for Control and Testing of Space Facilities State Agency of Ukraine, <https://doi.org/10.7914/SN/UD>.

Members of the Central and East European Earthquake Research Network (CE3RN, [www.ce3rn.eu](http://www.ce3rn.eu), [doi:10.7914/SN/C3](https://doi.org/10.7914/SN/C3)) include the

- Slovenian Environment Agency (ARSO, [doi:10.7914/SN/SL](https://doi.org/10.7914/SN/SL)), Slovenia
- Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS, [doi:10.7914/SN/OX](https://doi.org/10.7914/SN/OX)), Italy
- University of Trieste (UniTS, [doi:10.7914/SN/RF](https://doi.org/10.7914/SN/RF)), Italy
- Central Institute for Meteorology and Geodynamics (ZAMG, [doi:10.7914/SN/OE](https://doi.org/10.7914/SN/OE)), Austria
- University of Zagreb, Croatian Seismological Survey (CSS, [doi:10.7914/SN/CR](https://doi.org/10.7914/SN/CR)), Croatia
- ELKH FI Kövesligethy Radó Seismological Observatory, [doi:10.14470/UH028726](https://doi.org/10.14470/UH028726)), Hungary
- Institute of GeoSciences, Energy, Water and Environment (IGEWE, [doi:10.7914/SN/AC](https://doi.org/10.7914/SN/AC)), Albania
- Institute of Physics of the Earth, Masaryk University Brno (IPE, [doi:10.7914/SN/CZ](https://doi.org/10.7914/SN/CZ)), Czechia
- National Institute of Geophysics, Geodesy and Geography (NIGGG, [doi:10.7914/SN/BS](https://doi.org/10.7914/SN/BS)), Bulgaria
- National Institute for Earth Physics (NIEP, [doi:10.7914/SN/RO](https://doi.org/10.7914/SN/RO)), Romania
- Carpathian Branch of the Institute of Geophysics, National Academy of Sciences of Ukraine (IGPH), Ukraine
- National Network of Seismic Stations of Slovakia, Earth Science Institute of the Slovak Academy of Sciences (ESI SAS, [doi:10.14470/FX099882](https://doi.org/10.14470/FX099882))
- GeoRisk Earthquake Engineering Ltd (GeoRisk, [doi:10.7914/SN/HM](https://doi.org/10.7914/SN/HM)), Hungary
- Institute of Rock Structure and Mechanics, Czech Academy of Sciences (IRSM CAS, [doi:10.7914/SN/CZ](https://doi.org/10.7914/SN/CZ)), Czechia

Other permanent and temporary networks include:

- Comprehensive Nuclear-Test-Ban Treaty Organization, International Monitoring System (CTBTO IMS, [www.ctbto.org](http://www.ctbto.org))
- GEOFON Seismic Network, Deutsches GeoForschungsZentrum ([doi:10.14470/TR560404](https://doi.org/10.14470/TR560404))

- The Hungarian component of the AlpArray Seismic Network (AASN) temporary network (Grácz et al., 2018), [https://doi.org/10.12686/alparray/z3\\_2015](https://doi.org/10.12686/alparray/z3_2015)
- Pannonian-Carpathian-Alpine Seismic Experiment (PACASE), [https://doi.org/10.7914/SN/ZJ\\_2019](https://doi.org/10.7914/SN/ZJ_2019)

For data acquisition *SeisComp3* ([www.seiscomp3.org](http://www.seiscomp3.org)) and for infrasound data processing the *DTK-PMCC* (Cansi, 1995) are used. Both programs are found in the CTBTO NDC-in-a-Box software package. The seismo-acoustic and infrasound-only events are located with *iLoc* (Bondár et al., 2018), the successor of the International Seismological Centre (ISC) location algorithm (Bondár and Storchak, 2011; Bondár and McLaughlin, 2009). The *iLoc* locator, together with the RSTT global 3D velocity model (Myers et al., 2010, Begnaud et al., 2020, 2021) can be downloaded from the IRIS software repository, <https://seiscode.iris.washington.edu/projects/iloc>.

## Data availability

The PSZI infrasound waveforms are collected in real-time at the GEOFON European Integrated Data Archive (EIDA) node, <https://geofon.gfz-potsdam.de/doi/network/HN>.

The data availability can be checked at the GEOFON waveform archive, <https://geofon.gfz-potsdam.de/waveform/archive/data.php?ncode=HN>.

## Overview of Infrasound Detections

The PSZI array detects continuous and transient infrasound signals from several different sources. These sources include microbaroms, quarry blasts and accidental explosions, thunderstorms and bolides. **Figure 3** shows the dominant coherent noise sources at PSZI as a function of mean frequency and time, respectively for 2021 and 2022. Microbaroms are continuously detectable from the Atlantic Ocean during wintertime. The array detects continuous high frequency noise from the Mátra Power Plant located 20 km to the south-east (138°) from PSZI as well as from the Százhalombatta oil refinery. Since the Russian invasion of Ukraine in February 24, 2022, PSZI detect numerous signals of shelling, bombardment and missile attacks in the war in Ukraine as the difference between the 2021 and 2022 detections clearly shows. The difference between the 2021 and 2022 plots is the large number of detections between 60° and 90° that are associated with war activity in Ukraine.



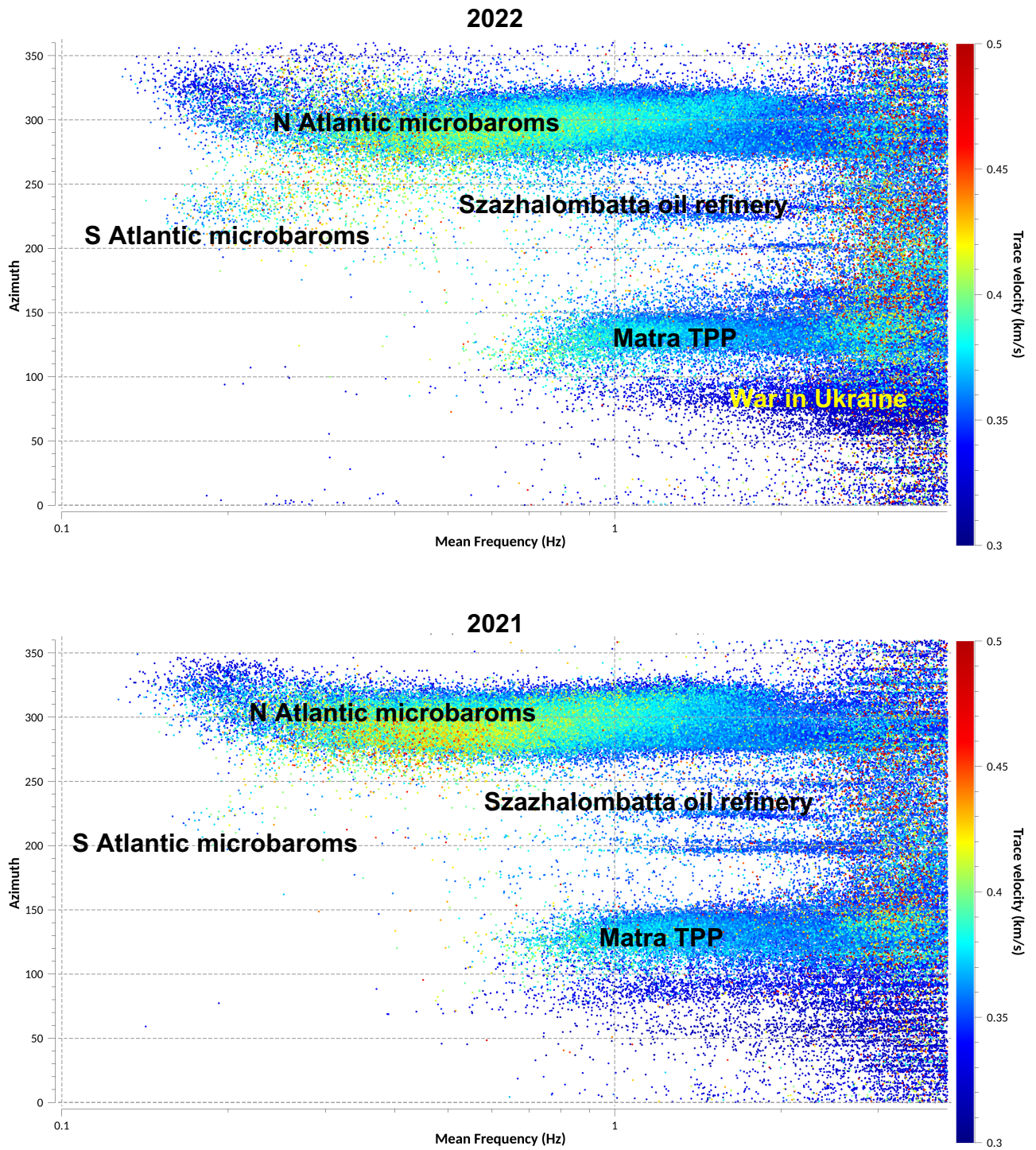


Figure 3. Coherent noise sources detected at PSZI for 2021 and 2022. Since the Russian invasion of Ukraine in February 24, 2022, PSZI routinely detects signals from the war in Ukraine.

Figure 4 shows the PSZI detection as a function of time and azimuth, color coded by trace velocity. During winter time the westerly North Atlantic microbaroms dominate the detections while during summer time signals coming from the East are more prominent.



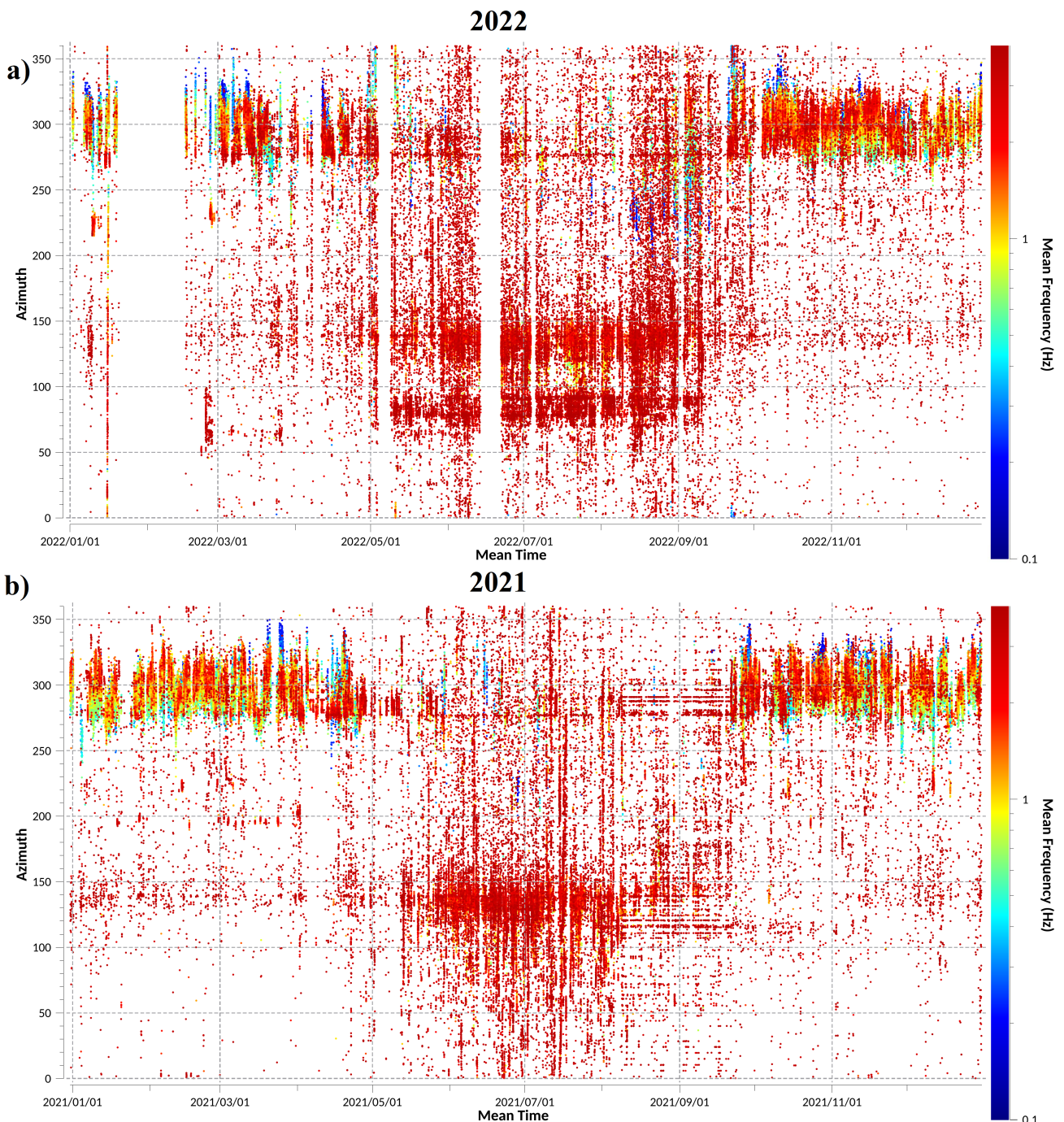


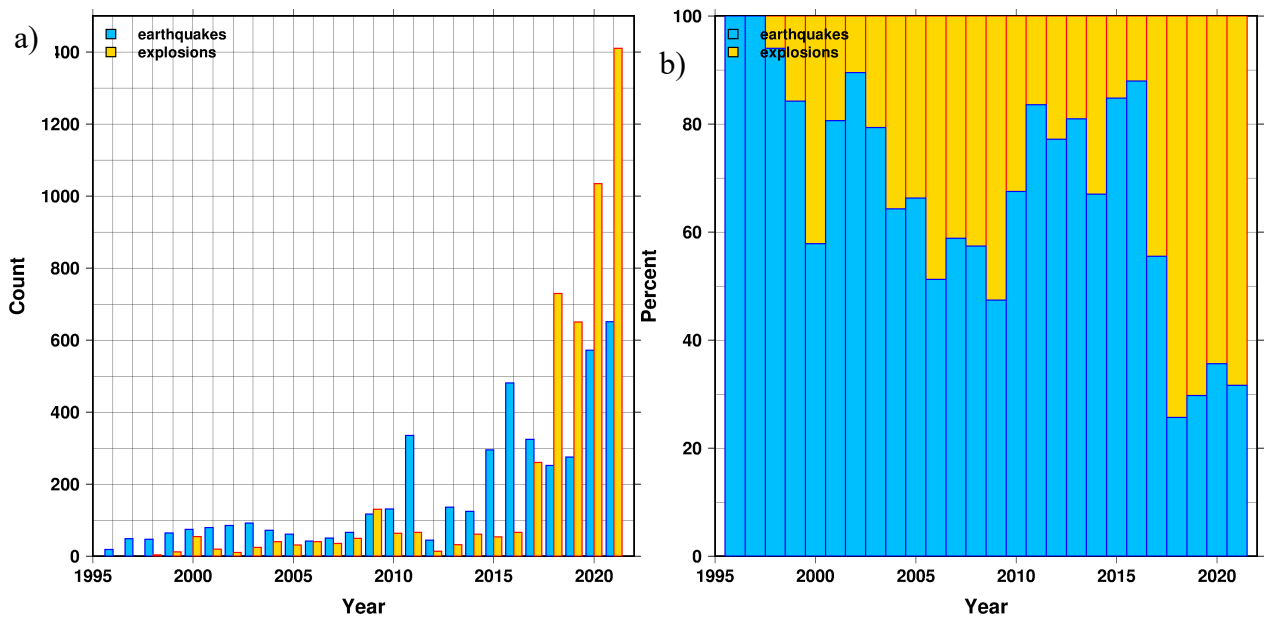
Figure 4. Coherent noise sources detected at PSZI for 2021 and 2022. Since the Russian invasion of Ukraine in February 24, 2022, PSZI routinely detects signals from the war in Ukraine.

## Seismo-Acoustic Events

### Quarry Blasts and Explosions

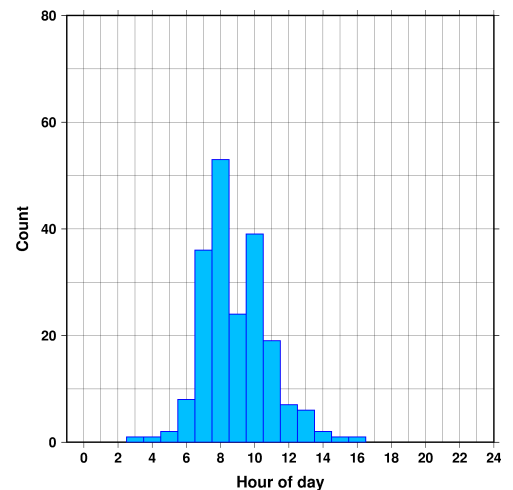
Anthropogenic events constitute some two-third of the recorded seismicity in the region. Hence, it is important to discriminate explosions from natural earthquakes in order to study natural seismicity and produce reliable seismic hazard estimates. **Figure 5** shows the annual number and relative percentages of earthquakes and explosions in the Hungarian earthquake catalogue between 1996 and 2021. Note that the Hungarian earthquake catalogue is typically published with a year delay, so

the earthquake catalogue is not yet available when the HSAB is published. Ever increasing number of events are identified as anthropogenic origin since the deployment of the PSZI array in 2017/05/25.



**Figure 5. a) Number of earthquakes (blue) and quarry blasts (yellow) and b) relative percentage of earthquakes and quarry blasts in the Hungarian earthquake catalogue between 1996 and 2021.**

The HSAB for year 2022 contains 199 quarry blasts from 79 quarries in Hungary, Austria, Croatia, Slovakia Romania and Ukraine as well as a Russian missile attack near Lviv, Ukraine. The magnitude range of the explosions is between ML 1.0-2.4. Many, but not all, quarries in Hungary regularly send confirmation of their explosions to the Kövesligethy Radó Seismological Observatory. These events serve as ground truth, and in the bulletin the author BUD\_GT indicates the GT coordinates, while the author ILOC stands for the seismo-acoustic location of the events. Of the 199 recorded quarry blasts 40 are confirmed ground truth events, and 159 events in the bulletin are labeled as suspected quarry blasts.



**Figure 6. Hour of day (UTC) of seismo-acoustic events recorded at PSZI in 2022.**

**Figure 6** shows the hour-of-day distribution of the quarry blasts that were recorded at PSZI. Most of the blasts occur between 8am and 12 pm, local time.

**Figure 7** shows the infrasound and seismic stations contributing to the Hungarian Seismo-Acoustic Bulletin in 2022 together with the quarries and the seismo-acoustic locations obtained with *iLoc*. Note that most seismo-acoustic locations are all within 5 km of the ground truth locations.

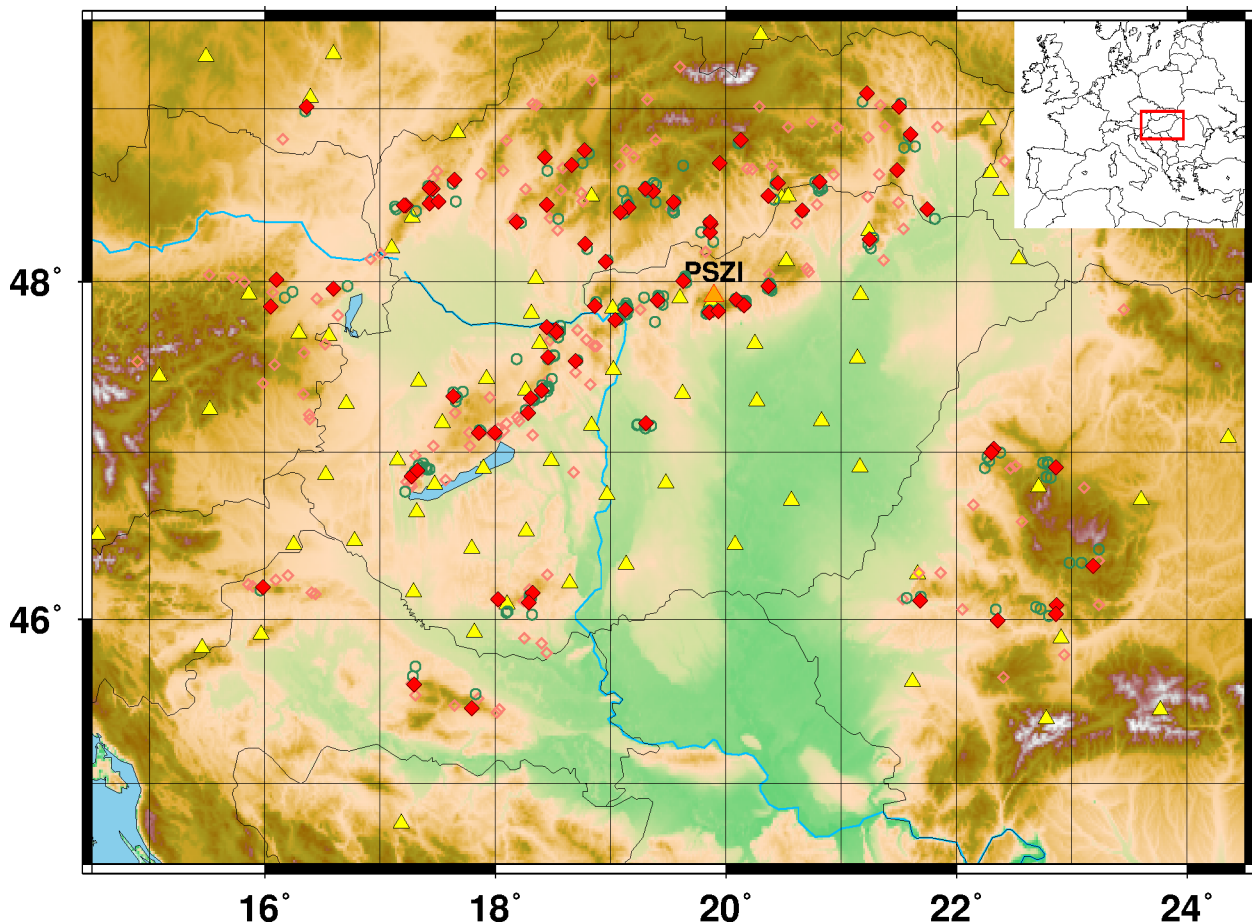


Figure 7. Infrasound (orange triangles) and seismic stations (yellow triangles) contributing to the Hungarian Seismo-Acoustic Bulletin in 2022. Known quarry and mine locations are shown as red diamonds, and the solid red diamonds indicate the quarries producing infrasound signals. Green circles denote the seismo-acoustic locations of quarry blasts. Only those events are shown that were detected at PSZI.

## Infrasound-only Events

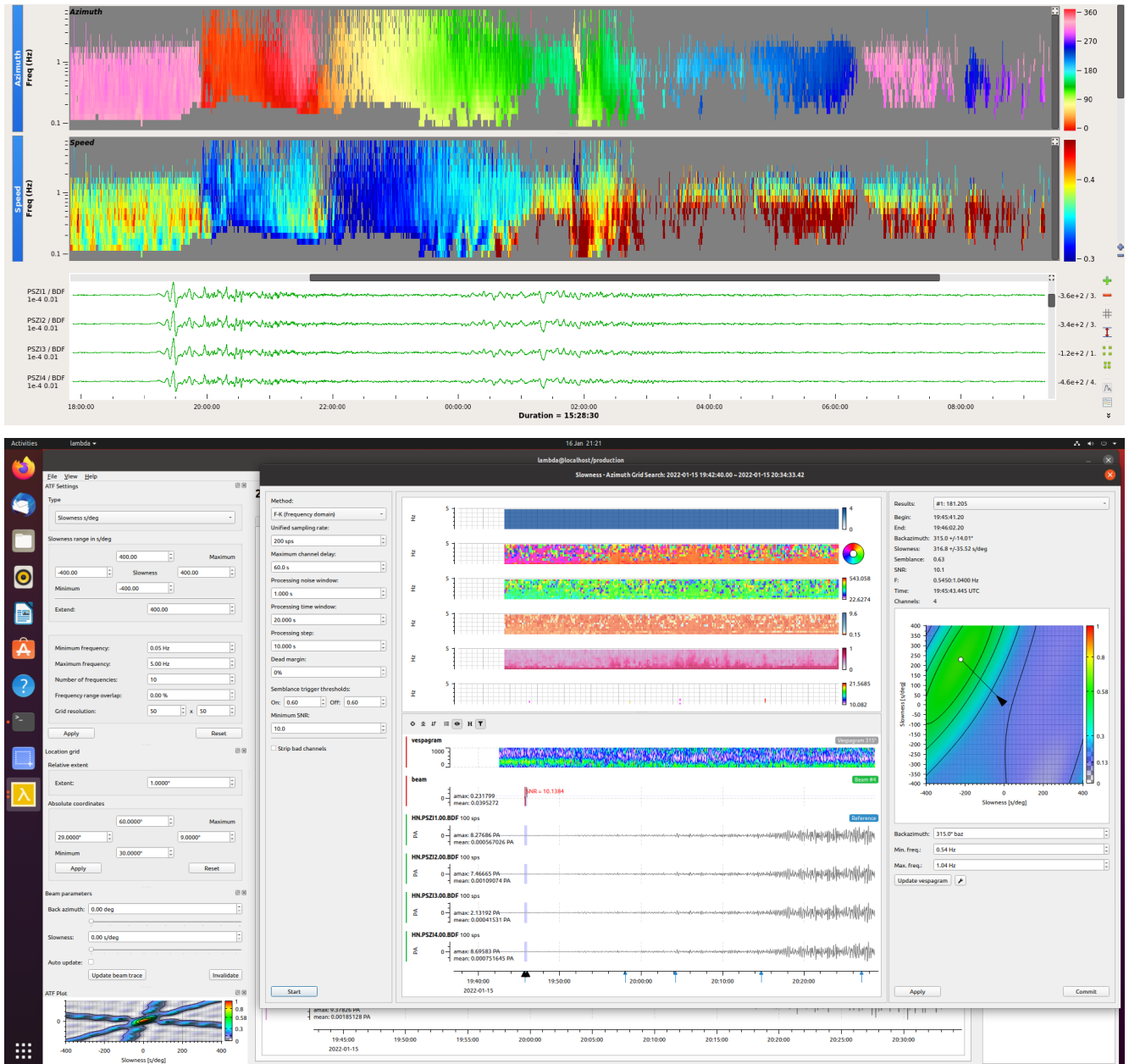
### Hunga Tonga-Hunga Ha'apai eruption

The huge eruption of the Hunga Tonga-Hunga Ha'apai volcano on 15 January, 2022 have been registered by seismic and infrasound networks worldwide. The estimated equivalent TNT yield of the eruption was 100-200 megatons. The infrasound waves originated from the eruption circumnavigated the earth several times, and they were recorded all over the world. Two large-amplitude waves around 19:15 and 01:15 were reported from most of the meteorological station barometers across Europe. They represent the pressure waves caused by the eruption, the first arrival from the north propagated along the shorter great circle path from Tonga to Europe while the second arrival from south travelled along the longer great circle paths. Both pressure waves were followed by infrasound signals. Infrasound back azimuths partly deviate (up to about 30 degrees) from the azimuth of the short and of the long great circle path. An extremely long signal propagation path should be taken into account (~16,500 km for the shorter path). If we consider signal propagation along the shorter great circle path from Hunga Tonga to central Europe, its path goes through regions with various wind regimes in the middle atmosphere - from subtropical latitudes of the southern hemisphere across the equator and the northern polar regions to observational points located in mid-latitudes of the northern hemisphere. Winds along this path can cause the observed deviations and fluctuations of back azimuths. Several papers discussed that the pressure wave corresponds to the Lamb wave propagating horizontally along the great circle path (Lin et



al., 2022; Matoza et al., 2022). Infrasound propagates along more complicated and longer path undergoing several refractions in the stratosphere or lower thermosphere (Evers and Haak, 2010) and is therefore observed later, approximately after 20 UT. The infrasound observed before 20 UT was generated by other sources. For example, the obtained azimuth probably corresponds to the detection of microbaroms ( $f=0.12-0.35$  Hz, Campus and Christie, 2010).

**Figure 8** shows the PSZI waveforms and PMCC detections of the eruption as well as the signal analysis in the SeisComp Lambda module for processing seismic and infrasound array data (Roessler et al. 2018).



**Figure 8.** Top: PSZI infrasound array detections of the Hunga Tonga-Hunga Ha’apai underwater volcano eruption. The PMCC detections are shown in time-frequency domain. The detections are color-coded by azimuth in the upper panel, whereas they are color-coded by trace velocity in the middle panel. The lower panel shows the waveforms filtered between 1.5-8 Hz. Bottom: F-k analysis with the SeisComp Lambda seismic and infrasound array processing module.

## Bolides

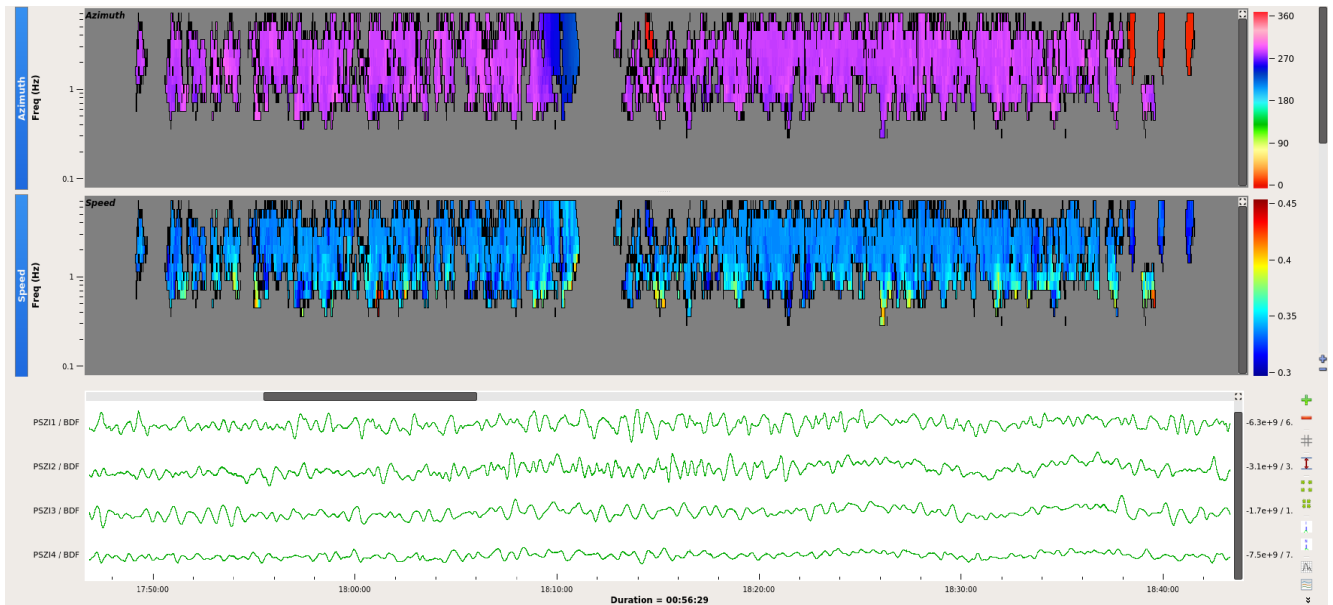
We detected three bolides at PSZI in 2022. **Table 2** shows the PMCC detection parameters.

**Table 2. PSZI bolide detections**

Arrival time	Azimuth [degree]	Trace velocity [km/s]
2022/03/03 00:31:41.34	150.5	0.335
2022/06/12 07:48:29.02	2.0	0.343
2022/07/26 19:25:06.87	215.1	0.367

## Tornado in Moravia, Czech Republic

On 24 June, 2022 in the evening, severe convective storms occurred, some of them were supercells. A supercell moved from Oberösterreich over the Breclav district, Hodonin district and to the NNE to Zlin region. At around 17:10-17:45 UTC a tornado of intensity F4 observed. **Figure 9** shows the PMCC record of the storm.



**Figure 9. Top: PSZI infrasound array record of the storm passing through Moravia. The detections are color-coded by azimuth in the upper panel, whereas they are color-coded by trace velocity in the middle panel. The lower panel shows the waveforms filtered between 1.5-8 Hz.**

## War in Ukraine

The Russian Federation began its invasion of Ukraine on February 24, 2022. On 24 February there was an inversion in the stratospheric winds and a duct developed that despite the reduced detection capability of events in the East of the CEEIN network during the winter months allowed us to detect the early stages of the bombardments. **Figure 10** shows the PSZI records of the Russian shelling of Ukraine on the first day of the invasion.

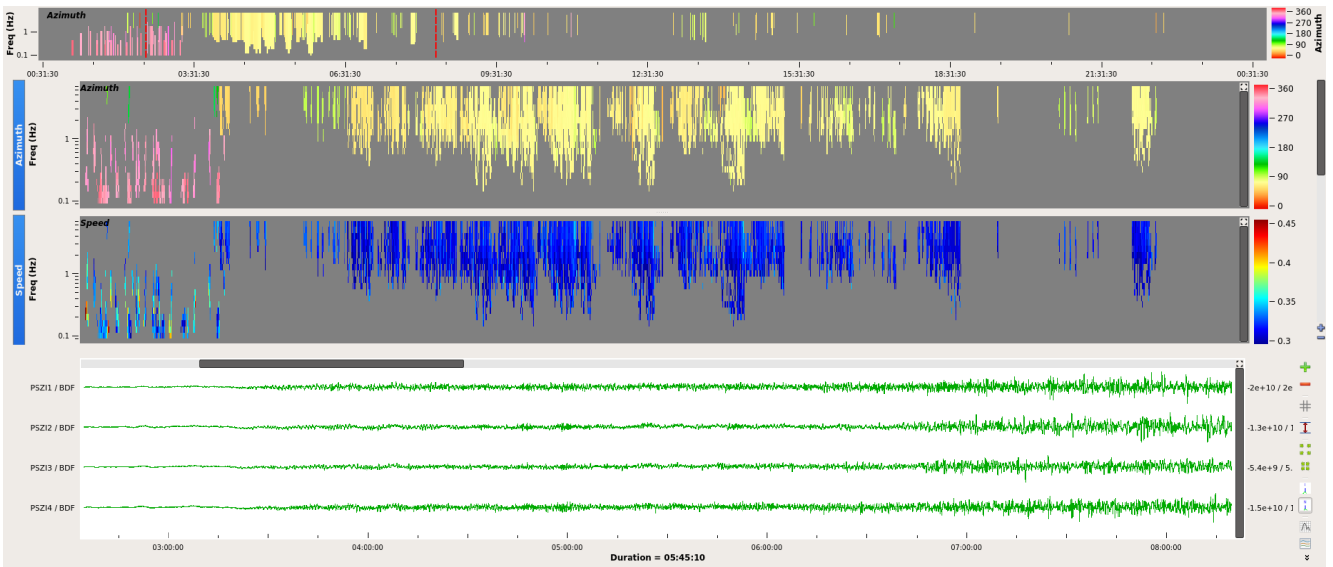


Figure 10. PSZI waveforms and PMCC detection recorded during the first 6 hours of the Russian invasion of Ukraine on February 24, 2022.

On March 18, 2022 04:30 UTC, Russian missile strikes hit the area near Lviv's airport, about 4 miles from the city center. The missile strikes were recorded by the Hungarian and Romanian infrasound arrays, as well as a few seismic stations in Poland, Slovakia and Hungary. Figure 11 shows the detections and location of the missile strike in the SeisComp Lambda array processing module (Weber et al., 2022).

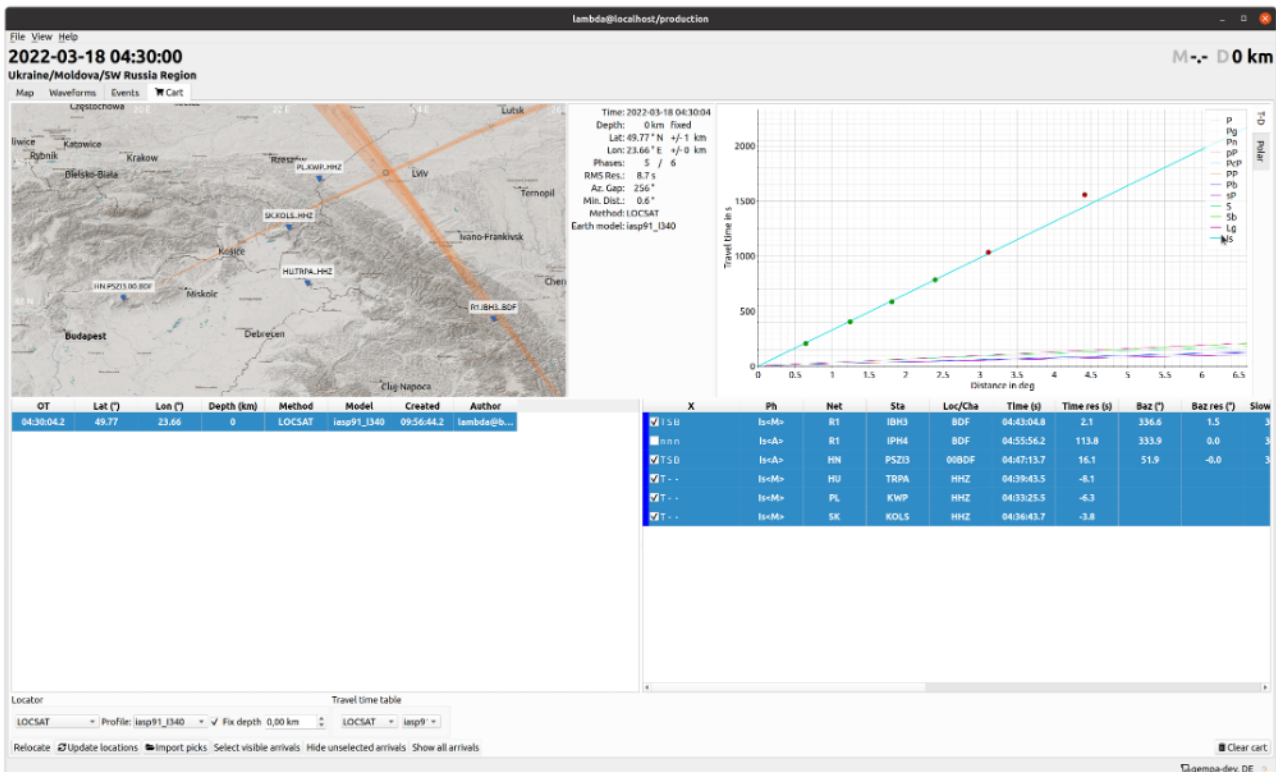
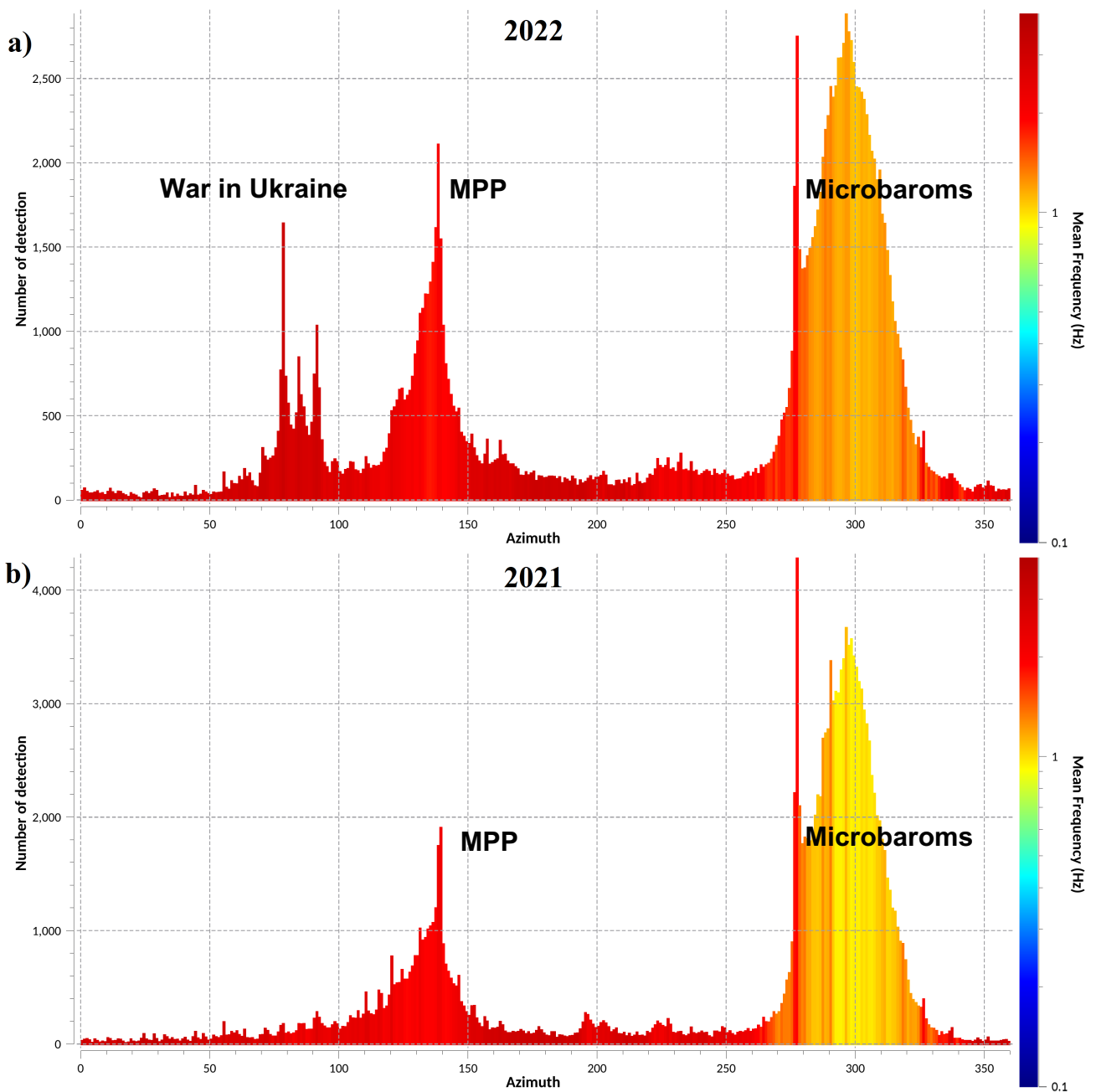


Figure 11. Location of the March 18, 2022 Russian missile attack near the Lviv airport with the SeisComp Lambda module.

Since the start of the war in Ukraine the typical distribution of detections as a function of azimuth has changed. **Figure 12** compares the distribution of PMCC detections on the time-azimuth diagram, color-coded by mean frequency in 2021 and 2022. In both diagrams similar signatures are present e.g., microbaroms from the Northern Atlantic between 270° and 350° in winter months, possible microbaroms from the Black Sea as well as detections from Mátra Power Plant between 120° and 150° in the summer. The main difference between the plots is the large number of detections between 60° and 90° azimuth, which corresponds to the direction of the invaded and bombed regions in Ukraine.



**Figure 12.** Distribution of the number of PMCC detections at PSZI as a function of azimuth. The large number of detections between azimuths 60° and 90° correspond to the war in Ukraine.

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Bondár I., T. Šindelářová, D. Ghica, U. Mitterbauer, A. Liashchuk, J. Baše, J. Chum, C. Czanik, C. Ionescu, C. Neagoe, M. Pásztor, A. Le Pichon (2022) Central and Eastern European Infrasound Network: Contribution to Infrasound Monitoring, *Geophys. J. Int.*, **230**, 565-579, <https://doi.org/10.1093/gji/ggac066>.

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# Hungarian Seismo-Acoustic Bulletin

The Hungarian Seismo-Acoustic Bulletin is presented in International Seismic Format (ISF2.0).

BEGIN IMS2.0

DATA\_TYPE BULLETIN IMS1.0:short with ISF2.0 extensions

Event bud2022dghi Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/16	16:16:03.64	0.29	0.33	48.7808	18.8066	4.1	2.9	31	0.0	0.0	19	0	142	0.29	1.32	sx	BUD	22570	BUD			
2022/02/16	16:16:01.88	1.47	0.93	48.7404	18.8114	5.4	5.0	38	0.0f		21	12	139	0.25	1.33	sx	ILOC	1	ILOC			182

(#PRIME)  
(locality : Remata Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.1	6 BUD	22570
M	1.9		6 BUD	22570
ML	1.9	0.1	8 ILOC	1

Sta	Dist	EvAz	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	176.2	Pg	16:16:08.811	1.7					T__		48.0		___ ML	0.7	22578	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.25	176.2	Lg	16:16:12.447	1.5					T__				___		22579	FDSN	SK	--	BUD	BUD	HHN	???	_
JAVC	0.76	279.4	Pn	16:16:19.120	-0.3					T__		113.6		___ ML	2.0	22581	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.76	279.4	Lg	16:16:27.632	-1.7					T__				___		22580	FDSN	CZ	--	BUD	BUD	HHN	???	_
A338A	0.79	203.0	Lg	16:16:30.115	-0.4					T__				___		22582	FDSN	Z3	00	BUD	BUD	HH2	???	_
HU10A	0.91	171.1	Lg	16:16:34.140	-0.5					T__				___		22583	FDSN	ZJ	00	BUD	BUD	HHN	???	_
SRO	0.99	199.9	Lg	16:16:36.473	-0.8					T__				___		22584	FDSN	SK	--	BUD	BUD	EHN	???	_
PSZI	1.09	138.3	I	16:22:20.186	-0.9	319.3	0.2	332.36	-15.5	TA_				___		1	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	1.09	138.3	Pg	16:16:25.200	0.4					T__		69.7		___ ML	2.0	22576	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	1.09	138.3	Lg	16:16:40.076	-0.9					T__				___		22575	FDSN	GE	--	BUD	BUD	HHN	???	_
ET1H	1.12	140.2	Pg	16:16:25.854	0.8					T__		43.6		___ ML	1.8	22577	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	1.12	140.2	Sn	16:16:40.564	-0.6					T__				___		22585	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	1.14	102.4	Pg	16:16:24.962	0.5					T__		126.8		___ ML	2.2	22573	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	1.14	102.4	Sn	16:16:40.582	-1.2					T__				___		22586	FDSN	SK	--	BUD	BUD	EHE	???	_
JOS	1.17	101.4	Pg	16:16:25.642	0.7					T__		49.0		___ ML	1.8	22571	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.17	101.4	Sn	16:16:41.510	-1.0					T__				___		22572	FDSN	ZJ	--	BUD	BUD	HHN	???	_
HU02A	1.30	117.8	Pg	16:16:27.976	-0.3					T__		49.2		___ ML	1.9	22574	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.30	117.8	Sn	16:16:45.827	-0.0					T__				___		22589	FDSN	ZJ	00	BUD	BUD	HHE	???	_
MORC	1.33	321.8	Pn	16:16:27.379	0.2					T__		68.8		___ ML	2.1	22588	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
MORC	1.33	321.8	Lg	16:16:44.817	-0.2					T__				___		22587	FDSN	CZ	--	BUD	BUD	HHN	???	_

STOP

Event bud2022drty Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/22	10:00:02.52	0.26	0.41	48.4351	17.2248	3.5	2.9	90	0.0	0.0	15	0	77	0.07	1.36	sx	BUD	24435	BUD			
2022/02/22	10:00:00.62	1.62	1.48	48.4202	17.1374	8.2	4.5	14	0.0f		17	10	82	0.10	1.91	sx	ILOC	2	ILOC			104

(#PRIME)  
(locality : Rohoznik Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.1	0.2	4 BUD	24435
M	2.1		4 BUD	24435
ML	2.1	0.1	5 ILOC	2

Sta	Dist	EvAz	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	116.5	Pg	10:00:03.731	0.4					T__				_c_	24436	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	0.10	116.5	Lg	10:00:04.414	-1.4					T__				---	24440	FDSN	SK	--	BUD	BUD	HHN	???	_	
JAVC	0.56	38.6	Pg	10:00:13.298	0.9					T__		180.9		--- ML	2.1	24437	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.56	38.6	Lg	10:00:18.975	-2.4					T__				---	24441	FDSN	CZ	--	BUD	BUD	HHN	???	_	
KRUC	0.81	322.9	Pn	10:00:19.536	0.9					T__		73.7		--- ML	1.8	24439	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
KRUC	0.81	322.9	Lg	10:00:29.219	1.1					T__				---	24442	FDSN	CZ	--	BUD	BUD	HHN	???	_	
RONA	0.92	218.4	Pn	10:00:20.926	0.7					T__		152.5		--- ML	2.2	24438	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
RONA	0.92	218.4	Sn	10:00:33.682	-1.0					T__				---	24444	FDSN	OE	--	BUD	BUD	HHN	???	_	
VRAC	0.96	338.2	Lg	10:00:33.390	0.5					T__				---	24443	FDSN	CZ	--	BUD	BUD	HHN	???	_	
CONA	0.99	240.5	Pn	10:00:22.560	1.2					T__		130.2		--- ML	2.2	24446	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	0.99	240.5	Sn	10:00:35.951	-0.6					T__				---	24445	FDSN	OE	--	BUD	BUD	HHN	???	_	
HU08A	1.12	151.6	Sn	10:00:38.146	-1.7					T__				---	24449	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
VYHS	1.13	85.6	Pn	10:00:22.707	-0.4					T__		22.3		--- ML	1.5	24447	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.13	85.6	Lg	10:00:36.902	-2.9					T__				---	24448	FDSN	SK	--	BUD	BUD	HHN	???	_	
MORC	1.38	10.9	Lg	10:00:45.170	-0.4					T__				---	24450	FDSN	CZ	--	BUD	BUD	HHN	???	_	
PSZI	1.91	104.2	I	10:12:00.900	2.2	285.1	-1.2	329.05	-80.0	TA_				---	2	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022dvng Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/24	11:09:05.35	0.31	0.56	48.5229	19.3621	4.4	3.0	11	0.0	0.0	15	0	107	0.35	1.27	sx	BUD	25310	BUD			
2022/02/24	11:09:02.92	1.57	1.51	48.5729	19.3697	5.4	3.7	156	0.0f		17	11	110	0.36	1.28	sx	ILOC	3	ILOC			170

(#PRIME)  
(locality : Viglas Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.2	4 BUD	25310
M	2.0		4 BUD	25310
ML	2.0	0.0	5 ILOC	3

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.36	257.7	Pg	11:09:11.590	1.1					T__		56.5		--- ML	1.1	25316	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.36	257.7	Lg	11:09:16.198	0.2					T__				---	25315	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU03A	0.69	167.0	Lg	11:09:25.637	-1.9					T__				---	25317	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.74	151.6	Lg	11:09:27.873	-2.1					T__				---	25318	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.74	151.7	I	11:13:12.641	2.5	333.7	1.6	347.26	14.1	TA_				---	3	FDSN	HN	--	BUD	BUD	BDF	???	_	
KECS	0.75	96.5	Pn	11:09:19.545	-0.1					T__		138.0		--- ML	2.1	25312	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.75	96.5	Lg	11:09:29.214	0.2					T__				---	25320	FDSN	SK	--	BUD	BUD	EHN	???	_	
ET1H	0.77	154.0	Lg	11:09:28.729	-1.8					T__				---	25319	FDSN	HU	--	BUD	BUD	HHN	???	_	
JOS	0.78	95.2	Pn	11:09:19.917	-0.2					T__		103.8		--- ML	2.0	25311	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.78	95.2	Lg	11:09:30.495	0.3					T__				---	25321	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.89	119.9	Pn	11:09:22.148	0.4					T__		94.5		--- ML	2.0	25313	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.89	119.9	Lg	11:09:33.553	-1.5					T__				---	25322	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.04	35.5	Sn	11:09:40.368	-0.6					T__				---	25323	FDSN	PL	--	BUD	BUD	BHN	???	_	
JAVC	1.16	284.9	Lg	11:09:43.180	-0.8					T__				---	25324	FDSN	CZ	--	BUD	BUD	HHN	???	_	

ABAH 1.28 101.8 Pg 11:09:30.909 3.0 T\_\_ 131.1 \_\_\_ ML 2.3 25314 FDSN HU -- BUD BUD HHZ HHZ \_  
 ABAH 1.28 101.8 Sn 11:09:45.454 -0.3 T\_\_ \_\_\_ 25325 FDSN HU -- BUD BUD HHN ??? \_

STOP  
 Event bud2022ecpx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/28	08:26:36.18	0.35	0.70	47.8389	19.9455	4.6	2.7	160	0.0	0.0	21	0	147	0.06	1.85	kx	BUD	26491	BUD			
2022/02/28	08:26:34.28			47.8285	19.9317				0.0							kx	BUD_GT	1	BUD			
2022/02/28	08:26:34.44	1.37	1.10	47.8391	19.9356	5.6	0.4	160	0.0f		23	13	147	0.06	1.85	kx	ILOC	4	ILOC			185

(#PRIME)  
 (locality : Gyöngyössolymos-II Hungary)  
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.3	7 BUD	26491
M	2.0		7 BUD	26491
ML	2.0	0.3	9 ILOC	4

Sta	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	312.8	Pg	08:26:36.146	-0.1					T__		6220.8		___	ML	2.3	26493	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.06	312.8	Lg	08:26:37.452	-0.5					T__				___		26506	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.08	340.2	I	08:27:02.771	1.4	162.3	2.1	333.41	-6.5	TA_				___		4	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.08	340.8	Pg	08:26:36.585	-0.3					T__		5889.1		__c_	ML	2.3	26492	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.08	340.8	Lg	08:26:38.884	-0.3					T__				___		26507	FDSN	GE	--	BUD	BUD	HHE	???	_	
HU03A	0.24	286.1	Pg	08:26:40.426	0.7					T__		442.2		___	ML	1.6	26494	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.24	286.1	Lg	08:26:44.157	0.4					T__				___		26508	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
HU02A	0.49	54.2	Pg	08:26:44.560	-0.3					T__		100.2		___	ML	1.7	26495	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.49	54.2	Lg	08:26:51.414	-1.4					T__				___		26509	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.74	29.5	Pn	08:26:51.146	0.2					T__		132.7		___	ML	2.0	26497	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.74	29.5	Lg	08:27:00.109	-0.5					T__				___		26496	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.77	31.4	Pg	08:26:50.487	0.6					T__		108.0		___	ML	2.0	26498	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.77	31.4	Lg	08:27:00.512	-1.1					T__				___		26499	FDSN	ZJ	--	BUD	BUD	HHE	???	_	
VYHS	0.99	312.1	Pn	08:26:54.731	0.1					T__		38.6		___	ML	1.6	26501	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.99	312.1	Lg	08:27:07.829	-1.0					T__				___		26500	FDSN	SK	--	BUD	BUD	HHN	???	_	
ABAH	0.99	61.9	Pn	08:26:55.170	0.9					T__		100.3		___	ML	2.1	26502	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.99	61.9	Sn	08:27:08.434	-1.7					T__				___		26504	FDSN	HU	--	BUD	BUD	HHN	???	_	
CSKK	1.23	247.8	Sn	08:27:15.883	-0.3					T__				___		26512	FDSN	HU	--	BUD	BUD	HHN	???	_	
NIE	1.60	8.6	Sn	08:27:26.946	1.2					T__				___		26505	FDSN	PL	--	BUD	BUD	BHN	???	_	
JAVC	1.82	304.9	Pg	08:27:09.951	-1.1					T__		188.6		___	ML	2.8	26503	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	1.82	304.9	Sn	08:27:33.299	1.3					T__				___		26510	FDSN	CZ	--	BUD	BUD	HHN	???	_	
MORH	1.85	209.0	Sn	08:27:33.450	2.9					T__				___		26511	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022ecpy Czechia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/28	08:28:40.29	0.26	0.56	49.0106	16.3196	3.8	2.9	129	0.0	0.0	15	0	89	0.07	1.52	sx	BUD	26579	BUD			
2022/02/28	08:28:39.53	1.63	0.82	48.9852	16.3502	8.9	4.5	23	0.0f		17	9	69	0.08	2.59	sx	ILOC	5	ILOC			117

(#PRIME)  
 (locality : Olbramovice Czechia)

Magnitude	Err	Nsta	Author	OrigID
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MLv 1.9 0.5 6 BUD 26579  
M 1.9 6 BUD 26579  
ML 2.1 0.1 6 ILOC 5

Sta	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	21.1	Pg	08:28:41.570	0.3					T__		555.0		_c_	ML	1.3	26582	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
KRUC	0.08	21.1	Lg	08:28:42.045	-0.6					T__						26585	FDSN	CZ	--	BUD	BUD	HHN	???	_	
VRAC	0.36	26.2	Pg	08:28:46.821	0.4					T__		40.8			ML	0.9	26592	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
VRAC	0.36	26.2	Lg	08:28:51.147	-0.7					T__						26586	FDSN	CZ	--	BUD	BUD	HHN	???	_	
MODS	0.87	134.5	Lg	08:29:09.049	-1.2					T__						26587	FDSN	SK	--	BUD	BUD	HHN	???	_	
CONA	1.11	197.3	Pn	08:29:01.939	-0.1					T__		92.3			ML	2.1	26580	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	1.11	197.3	Lg	08:29:16.426	0.8					T__						26588	FDSN	OE	--	BUD	BUD	HHN	???	_	
MORC	1.11	44.1	Pn	08:29:01.354	-0.5					T__		112.1			ML	2.2	26593	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
MORC	1.11	44.1	Lg	08:29:15.466	-0.2					T__						26583	FDSN	CZ	--	BUD	BUD	HHN	???	_	
RONA	1.29	181.6	Pg	08:29:05.121	0.2					T__		94.9			ML	2.2	26581	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
RONA	1.29	181.6	Lg	08:29:22.097	0.5					T__						26589	FDSN	OE	--	BUD	BUD	HHN	???	_	
CKRC	1.36	263.8	Pn	08:29:05.745	0.4					T__		244.6			ML	2.6	26594	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
CKRC	1.36	263.8	Lg	08:29:22.225	-1.4					T__						26584	FDSN	CZ	--	BUD	BUD	HHN	???	_	
CKRC	1.36	263.8	Sg	08:29:23.103	-0.5					T__						26590	FDSN	CZ	--	BUD	BUD	HHN	???	_	
PRU	1.55	311.1	Lg	08:29:30.407	1.6					T__						26591	FDSN	CZ	--	BUD	BUD	HHN	???	_	
PSZI	2.59	113.0	I	08:44:59.773	0.8	292.8	-2.9	335.60	-61.0	TA_						5	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022edah Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/02/28	13:42:07.34	0.32	0.42	47.8922	20.1113	4.3	2.7	156	0.0	0.0	16	0	105	0.15	1.53	sx	BUD	26928	BUD			
2022/02/28	13:42:04.95	1.41	1.23	47.8676	20.1549	5.1	1.0	106	0.0f		18	11	109	0.18	1.55	sx	ILOC	6	ILOC			214

(#PRIME)  
(locality : Kisdána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.1	3 BUD	26928
M	1.6		3 BUD	26928
ML	1.7	0.1	6 ILOC	6

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	286.3	Pg	13:42:09.951	0.5					T__		754.1			ML	1.7	26929	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	286.3	Lg	13:42:11.999	-1.1					T__						26934	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.18	286.1	I	13:43:05.346	1.5	104.2	-1.7	348.96	11.6	TA_						6	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.19	273.5	Pg	13:42:09.951	0.5					T__		592.6			ML	1.6	26931	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	273.5	Lg	13:42:11.853	-1.1					T__						26935	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU23A	0.24	164.4	Lg	13:42:15.911	1.2					T__						26936	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU02A	0.36	44.2	Lg	13:42:18.406	-0.4					T__						26938	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.38	275.7	Lg	13:42:18.175	-0.9					T__						26937	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.65	19.6	Lg	13:42:28.025	-0.1					T__						26939	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.68	22.1	Pn	13:42:19.887	-0.7					T__		84.0			ML	1.8	26941	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.68	22.1	Lg	13:42:29.033	0.1					T__						26940	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	0.84	59.1	Pn	13:42:22.902	0.1					T__		87.2			ML	1.9	26930	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.84	59.1	Sn	13:42:35.195	-2.0					T__						26942	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	1.08	305.9	Pg	13:42:27.585	0.7					T__		35.0			ML	1.6	26932	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.08	305.9	Lg	13:42:40.829	-1.8					T__						26943	FDSN	SK	--	BUD	BUD	HHN	???	_	
NIE	1.55	3.5	Pg	13:42:35.926	1.6					T__		75.4			ML	2.2	26933	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_

NIE 1.55 3.5 Sn 13:42:57.146 2.1 T\_\_ --- 26944 FDSN PL -- BUD BUD BHN ??? \_

STOP  
Event bud2022eeph Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/01	10:25:00.26	0.39	0.45	48.4742	17.5420	5.8	3.5	141	0.0	0.0	9	0	139	0.20	1.25	sx	BUD	27487	BUD			
2022/03/01	10:24:56.27	1.47	2.16	48.5697	17.6273	7.2	4.7	20	0.0f		11	7	113	0.29	1.65	sx	ILOC	7	ILOC			153

(#PRIME)  
(locality : Dolny-Lopasov Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.4	2 BUD	27487
M	1.8		2 BUD	27487

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JAVC	0.29	5.6	Pn	10:25:07.314	-0.5					T__		151.1		___	ML	1.3	27489	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.29	5.6	Lg	10:25:13.264	5.5					T__				___		27490	FDSN	CZ	--	BUD	BUD	HHN	???	_	
MODS	0.30	230.0	Pg	10:25:03.842	0.9					T__				___		27488	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	0.30	230.0	Lg	10:25:06.239	-1.9					T__				___		27491	FDSN	SK	--	BUD	BUD	HHN	???	_	
VYHS	0.81	94.9	Sn	10:25:28.062	-0.3					T__				___		27492	FDSN	SK	--	BUD	BUD	HHN	???	_	
KRUC	0.95	301.6	Sn	10:25:31.150	-0.5					T__				___		27493	FDSN	CZ	--	BUD	BUD	HHN	???	_	
RONA	1.25	226.2	Lg	10:25:37.417	0.4					T__				___		27494	FDSN	OE	--	BUD	BUD	HHN	???	_	
CONA	1.34	242.1	Pg	10:25:23.688	1.0					T__		83.9		___	ML	2.2	27496	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	1.34	242.1	Lg	10:25:40.630	0.7					T__				___		27495	FDSN	OE	--	BUD	BUD	HHN	???	_	
PSZI	1.65	112.5	I	10:35:05.199	0.4	299.8	5.7	329.88	-63.3	TA_				___		7	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022eggd Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/02	08:02:56.93	0.56	0.22	47.9826	20.3630	10.4	3.2	141	0.0	0.0	11	0	191	0.18	0.67	sx	BUD	27767	BUD			
2022/03/02	08:02:55.60	1.62	1.21	47.9890	20.3742	5.1	1.7	78	0.0f		13	7	190	0.17	0.66	sx	ILOC	8	ILOC			215

(#PRIME)  
(locality : Eger-III Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.0	0.1	3 BUD	27767
M	1.0		3 BUD	27767
ML	1.4	0.5	6 ILOC	8

Sta	Dist	EvAz	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	37.1	Pg	08:03:00.265	0.7					T__		160.3		___	ML	1.0	27768	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.17	37.1	Lg	08:03:02.533	-0.4					T__				___		27769	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.33	257.8	Pg	08:03:03.118	0.0					T__		80.8		___	ML	1.1	27774	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.33	257.8	Lg	08:03:07.070	-1.7					T__				___		27775	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.33	257.8	I	08:04:44.901	2.3	78.2	0.8	357.46	23.2	TA_				___		8	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.36	252.2	Pg	08:03:03.448	0.0					T__		59.2		___	ML	1.1	27772	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.36	252.2	Lg	08:03:07.765	-1.4					T__				___		27776	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.50	8.5	Pg	08:03:06.996	1.2					T__		107.1		___	ML	1.7	27770	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.50	8.5	Lg	08:03:12.740	-0.8					T__				___		27777	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.52	12.2	Pg	08:03:06.978	0.9					T__		102.2		___	ML	1.8	27771	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.52	12.2	Lg	08:03:13.564	-0.6					T__				___		27778	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

ABAH 0.66 61.7 Pg 08:03:09.649 0.8 T\_\_ 114.3 \_\_\_ ML 1.9 27773 FDSN HU -- BUD BUD HHZ HHZ \_

STOP  
Event bud2022eidv Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/03	09:09:58.00	0.61	0.54	47.8476	19.8376	11.5	3.3	150	0.0	0.0	10	0	182	0.04	1.17	sx	BUD	28378	BUD			
2022/03/03	09:09:55.37	2.09	0.75	47.8209	19.8440	5.7	0.5	18	0.0f		12	9	184	0.06	1.17	sx	ILOC	9	ILOC			210

(#PRIME)  
(locality : Gyöngyöstarján Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.0	2 BUD	28378
M	1.6		2 BUD	28378

Sta	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	17.5	Pg	09:09:57.975	0.8					T__		1617.4		_c_	ML	1.7	28380	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.06	17.5	Lg	09:09:58.776	-0.2					T__						28382	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.10	18.9	I	09:10:28.453	0.1	195.5	-3.5	332.73	-6.7	TA_					9	FDSN	HN	--	BUD	BUD	BDF	???	_		
PSZ	0.10	19.2	Pg	09:09:58.987	0.7					T__		1245.9			ML	1.7	28379	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.10	19.2	Lg	09:09:59.809	-1.0					T__						28383	FDSN	GE	--	BUD	BUD	HHN	???	_	
HU02A	0.55	56.4	Lg	09:10:15.743	-0.1					T__						28381	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU10A	0.56	272.8	Lg	09:10:15.471	-0.7					T__						28384	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.79	32.7	Lg	09:10:22.909	-0.3					T__						28385	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.82	34.3	Lg	09:10:24.479	0.3					T__						28386	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	1.05	62.6	Sn	09:10:31.173	-1.4					T__						28388	FDSN	HU	--	BUD	BUD	HHN	???	_	
CSKK	1.17	247.4	Sn	09:10:36.049	0.5					T__						28387	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022elvb Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/05	09:16:24.36	1.03	0.35	48.0068	19.6143	11.4	5.4	137	0.0	0.0	8	0	253	0.10	0.62	kx	BUD	29266	BUD			
2022/03/05	09:16:22.87			48.0061	19.6278				0.0							kx	BUD_GT	1	BUD			
2022/03/05	09:16:23.40	2.20	0.80	47.9961	19.6555	5.9	0.9	116	0.0f		10	5	235	0.10	0.60	kx	ILOC	10	ILOC			308

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.1	3 BUD	29266
M	1.4		3 BUD	29266
ML	1.3	0.1	4 ILOC	10

Sta	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	202.1	Pg	09:16:26.195	0.3					T__		567.4			ML	1.3	29270	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.10	202.1	Lg	09:16:27.439	-0.6					T__						29271	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	0.18	116.0	I	09:17:21.111	0.4	296.3	0.2	331.30	-6.2	TA_					10	FDSN	HN	--	BUD	BUD	BDF	???	_		
PSZ	0.18	115.7	Pg	09:16:27.951	0.2					T__		334.2			ML	1.3	29267	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	115.7	Lg	09:16:30.439	-0.9					T__						29272	FDSN	GE	--	BUD	BUD	HHN	???	_	
ET1H	0.19	128.8	Pg	09:16:28.298	0.5					T__		101.7			ML	0.8	29268	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	128.8	Lg	09:16:30.951	-0.2					T__						29273	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.60	77.5	Pg	09:16:36.932	1.0					T__		46.5			ML	1.5	29269	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_



HU02A 0.60 77.5 Lg 09:16:44.195 -1.3 T\_\_\_ --- 29274 FDSN ZJ 00 BUD BUD HHN ??? \_

STOP  
Event bud2022euzx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/10	08:58:19.46	0.95	0.36	48.2383	21.2304	10.7	4.3	130	0.0	0.0	9	0	242	0.06	0.98	kx	BUD	31146	BUD			
2022/03/10	08:58:17.39			48.2470	21.2460				0.0							kx	BUD_GT	1	BUD			
2022/03/10	08:58:17.48	1.98	1.00	48.2192	21.2306	5.6	4.7	93	0.0f		11	7	245	0.08	0.97	kx	ILOC	11	ILOC			308

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.0	2 BUD	31146
M	1.5		2 BUD	31146
ML	1.6	0.1	3 ILOC	11

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ABAH	0.08	4.5	Pg	08:58:20.190	0.6					T__		8097.6		___	ML	2.4	31147	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.08	4.5	Lg	08:58:21.268	-0.4					T__				---		31153	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.48	258.6	Pg	08:58:28.597	0.9					T__		75.3		___	ML	1.5	31150	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.48	258.6	Lg	08:58:34.757	-0.8					T__				---		31149	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.54	301.2	Pg	08:58:29.698	1.4					T__		61.7		---	ML	1.6	31148	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.54	301.2	Lg	08:58:36.326	-0.2					T__				---		31154	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.56	298.3	Lg	08:58:36.640	-0.8					T__				---		31155	FDSN	SK	--	BUD	BUD	EHN	???	_	
PSZ	0.95	251.9	Lg	08:58:50.245	-1.4					T__				---		31151	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.95	251.9	I	09:03:40.230	1.2	71.1	0.2	352.52	13.1	TA_				---		11	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.97	250.0	Lg	08:58:51.679	-0.4					T__				---		31152	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022evce Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/10	11:05:45.00	0.50	0.34	48.8214	20.1264	7.3	3.5	87	0.0	0.0	9	0	181	0.41	0.96	sx	BUD	31291	BUD			
2022/03/10	11:05:43.39	1.97	1.49	48.8020	20.1150	5.2	4.6	12	0.0f		11	8	180	0.40	0.94	sx	ILOC	12	ILOC			293

(#PRIME)  
(locality : Cervena-Skala Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.0	2 BUD	31291
M	1.4		2 BUD	31291

Sta	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	142.3	Lg	11:05:58.011	0.3					T__				---		31293	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.42	137.3	Pg	11:05:52.403	0.6					T__		85.1		._c_	ML	1.4	31292	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.42	137.3	Lg	11:05:58.588	0.5					T__				---		31294	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
NIE	0.63	11.1	Pg	11:05:56.753	1.5					T__		36.4		---	ML	1.4	31296	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	0.63	11.1	Lg	11:06:04.657	0.4					T__				---		31295	FDSN	PL	--	BUD	BUD	BHN	???	_	
HU02A	0.73	158.0	Lg	11:06:09.272	-0.7					T__				---		31297	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.90	189.5	Lg	11:06:14.976	-0.7					T__				---		31299	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.90	189.6	I	11:10:48.533	2.0	8.0	-1.4	357.12	19.7	TA_				---		12	FDSN	HN	--	BUD	BUD	BDF	???	_	
ABAH	0.90	123.7	Sn	11:06:14.292	-3.0					T__				---		31298	FDSN	HU	--	BUD	BUD	HHN	???	_	

ET1H 0.94 190.1 Lg 11:06:15.676 -0.9 T\_\_ --- 31300 FDSN HU -- BUD BUD HHN ??? \_

STOP  
Event bud2022ewsc Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/11	08:16:20.37	0.22	0.69	47.6999	18.4931	3.8	2.2	149	0.0	0.0	20	0	97	0.10	1.58	sx	BUD	31585	BUD			
2022/03/11	08:16:18.68	1.32	1.18	47.7067	18.5003	8.6	4.7	81	0.0f		21	14	97	0.10	1.58	sx	ILOC	14	ILOC			126

(#PRIME)  
(locality : Süttö Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.2	7 BUD	31585
M	1.9		7 BUD	31585
ML	1.9	0.2	7 ILOC	14

Sta	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	229.5	Pg	08:16:21.656	0.3					T__		2100.3		___	ML	1.9	31587	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU09A	0.10	229.5	Lg	08:16:23.016	-0.8					T__				___		31589	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
SRO	0.17	310.3	Pg	08:16:23.248	0.8					T__		2326.6		___	ML	2.1	31602	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
SRO	0.17	310.3	Lg	08:16:26.621	0.8					T__				___		31601	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU10A	0.38	68.2	Pg	08:16:28.460	1.7					T__		171.1		___	ML	1.6	31600	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.38	68.2	Lg	08:16:32.822	-0.4					T__				___		31588	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
CSKK	0.38	205.4	Pg	08:16:26.933	0.3					T__		169.3		___	ML	1.6	31586	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.38	205.4	Lg	08:16:32.553	-0.9					T__				___		31590	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.48	235.0	Lg	08:16:35.683	-0.9					T__				___		31603	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
VYHS	0.82	15.8	Lg	08:16:46.039	-1.4					T__				___		31591	FDSN	SK	--	BUD	BUD	HHN	???	_	
MPLH	0.84	230.9	Pn	08:16:37.360	0.6					T__		71.6		___	ML	1.8	31593	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.84	230.9	Lg	08:16:47.112	-1.1					T__				___		31592	FDSN	HU	--	BUD	BUD	HHN	???	_	
ET1H	0.94	78.9	Lg	08:16:50.890	-1.5					T__				___		31604	FDSN	HU	--	BUD	BUD	HHE	???	_	
PSZI	0.96	76.8	I	08:22:32.293	45.8	257.4	-0.4	328.66	-11.6	_A_				___		14	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.96	76.8	Lg	08:16:51.932	-1.6					T__				___		31605	FDSN	GE	--	BUD	BUD	HHE	???	_	
MODS	1.06	309.6	Pn	08:16:39.508	-0.5					T__				___		31595	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	1.06	309.6	Lg	08:16:54.393	-1.9					T__				___		31594	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU02A	1.42	72.3	Pg	08:16:46.721	-1.0					T__		76.8		___	ML	2.2	31597	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.42	72.3	Sn	08:17:07.560	2.1					T__				___		31596	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORH	1.50	176.2	Pn	08:16:46.217	0.7					T__		52.6		___	ML	2.1	31598	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
JOS	1.58	59.2	Sn	08:17:09.617	0.6					T__				___		31599	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022ewxp Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/11	11:03:35.09	0.94	0.51	47.8481	20.1498	14.3	3.5	163	0.0	0.0	9	0	221	0.19	0.86	sx	BUD	31813	BUD			
2022/03/11	11:03:33.36	1.75	0.98	47.8735	20.1697	5.3	1.0	103	0.0f		11	6	212	0.19	0.83	sx	ILOC	15	ILOC			228

(#PRIME)  
(locality : Kisnána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.1	3 BUD	31813
M	1.3		3 BUD	31813
ML	1.4	0.2	4 ILOC	15

Sta	Dist	EVaz	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	283.7	Pg	11:03:38.571	0.6					T__		425.3		___	ML	1.5	31814	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.19	283.7	Lg	11:03:40.675	-1.1					T__				___		31818	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.19	283.5	I	11:04:34.946	0.1	103.9	0.6	350.56	13.4	TA_				___		15	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.20	271.7	Pg	11:03:38.686	0.6					T__		271.6		___	ML	1.3	31815	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.20	271.7	Lg	11:03:40.791	-0.9					T__				___		31819	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.34	43.7	Pg	11:03:41.464	0.5					T__		78.4		___	ML	1.2	31816	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.34	43.7	Lg	11:03:46.340	-0.5					T__				___		31820	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.67	21.5	Pn	11:03:49.471	0.6					T__		66.1		___	ML	1.7	31817	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	21.5	Lg	11:03:57.222	0.2					T__				___		31821	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	0.83	59.1	Sn	11:04:03.332	-2.0					T__				___		31822	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022ewzs Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/11	12:07:27.15	0.61	0.26	47.5563	18.4377	13.0	4.1	105	0.0	0.0	7	0	196	0.09	0.98	kx	BUD	31938	BUD				
2022/03/11	12:07:25.84			47.5600	18.4573				0.0							kx	BUD_GT	1	BUD				
2022/03/11	12:07:25.75	2.09	0.95	47.5489	18.4554	21.4	4.4	71	0.0f		9	5	146	0.10	1.04	kx	ILOC	16	ILOC			262	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	4 BUD	31938
M	1.6		4 BUD	31938
ML	1.6	0.3	4 ILOC	16

Sta	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	331.2	Pg	12:07:28.720	0.4					T__		1502.9		___	ML	1.8	31939	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU09A	0.10	331.2	Lg	12:07:29.593	-1.2					T__				___		31940	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
CSKK	0.23	215.5	Pg	12:07:31.270	0.4					T__		286.4		___	ML	1.4	31941	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.23	215.5	Lg	12:07:34.257	-1.1					T__				___		31942	FDSN	HU	--	BUD	BUD	HHN	???	_	
SRO	0.28	340.1	Pg	12:07:32.397	0.6					T__		772.3		___	ML	2.0	31943	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
VYHS	0.98	15.0	Pn	12:07:46.205	0.3					T__		24.5		___	ML	1.4	31944	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.98	15.0	Lg	12:07:58.603	-1.4					T__				___		31945	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZI	1.04	68.6	I	12:14:17.469	54.7	248.1	-1.6	323.23	-21.1	_A_				___		16	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZI	1.04	68.6	I	12:14:45.966	83.2	248.6	-1.1	320.44	-23.9	_A_				___		17	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022fcib Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/03/14	10:01:16.70	0.32	0.49	48.5509	19.3116	4.9	3.0	11	0.0	0.0	17	0	110	0.32	1.31	sx	BUD	32492	BUD					
2022/03/14	10:01:15.10	1.53	1.47	48.5516	19.3060	5.4	3.7	151	0.0f		19	11	110	0.32	1.31	sx	ILOC	17	ILOC			166		

(#PRIME)  
(locality : Viglas Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.1	5 BUD	32492
M	1.7		5 BUD	32492
ML	1.7	0.1	8 ILOC	17

Sta	Dist	EvAz	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	259.7	Pg	10:01:22.676	1.0					T__		52.1		___ ML	0.9	32503	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.32	259.7	Lg	10:01:26.812	0.2					T__				___		32504	FDSN	SK	--	BUD	BUD	HHN	???	_
HU03A	0.68	163.0	Lg	10:01:38.279	-1.1					T__				___		32505	FDSN	ZJ	00	BUD	BUD	HHN	???	_
PSZ	0.75	147.9	Pg	10:01:30.910	-0.0					T__		52.1		___ ML	1.6	32499	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.75	147.9	Lg	10:01:40.681	-1.6					T__				___		32506	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.75	148.0	I	10:05:25.753	2.4	329.4	1.0	343.23	10.0	TA_				___		18	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.77	150.5	Pg	10:01:31.485	0.2					T__		43.5		___ ML	1.6	32507	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.77	150.5	Lg	10:01:41.470	-1.3					T__				___		32500	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.79	94.5	Pg	10:01:31.193	0.4					T__		138.3		___ ML	2.1	32496	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.79	94.5	Lg	10:01:42.117	-0.4					T__				___		32495	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.82	93.4	Pg	10:01:31.072	-0.3					T__		65.3		___ ML	1.8	32497	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.82	93.4	Lg	10:01:43.007	-0.7					T__				___		32498	FDSN	ZJ	--	BUD	BUD	HHN	???	_
HU02A	0.92	117.4	Pg	10:01:33.621	-0.4					T__		53.7		___ ML	1.7	32493	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.92	117.4	Sn	10:01:46.486	-3.2					T__				___		32494	FDSN	ZJ	00	BUD	BUD	HHN	???	_
NIE	1.09	36.7	Pg	10:01:37.582	2.0					T__		35.8		___ ML	1.7	32508	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
JAVC	1.13	286.5	Lg	10:01:53.264	-1.7					T__				___		32509	FDSN	CZ	--	BUD	BUD	HHN	???	_
ABAH	1.31	100.5	Pn	10:01:41.672	2.0					T__		68.8		___ ML	2.1	32502	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	1.31	100.5	Sn	10:01:59.271	0.4					T__				___		32501	FDSN	HU	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022feia Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/15	12:16:21.83	0.30	0.72	48.3578	18.1601	4.4	3.2	41	0.0	0.0	11	0	95	0.37	1.48	sx	BUD	33025	BUD				
2022/03/15	12:16:19.81	1.94	1.32	48.3420	18.2209	5.9	5.0	26	0.0f		13	8	94	0.34	1.50	sx	ILOC	18	ILOC				146
#PRIME)																							
(locality : Pohranice Slovakia)																							

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.4	3 BUD	33025
M	1.5		3 BUD	33025
ML	1.7	0.1	3 ILOC	18

Sta	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	0.34	164.9	Lg	12:16:32.444	-0.4					T__				___		33030	FDSN	Z3	00	BUD	BUD	HHZ	???	_
VYHS	0.44	69.4	Pg	12:16:30.874	2.0					T__		23.5		___ ML	0.9	33031	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.44	69.4	Lg	12:16:37.140	1.7					T__				___		33029	FDSN	SK	--	BUD	BUD	HHN	???	_
MODS	0.63	273.2	Pg	12:16:32.528	-0.3					T__				___		33026	FDSN	SK	--	BUD	BUD	HHZ	???	_
MODS	0.63	273.2	Lg	12:16:41.085	-1.7					T__				___		33032	FDSN	SK	--	BUD	BUD	HHN	???	_
JAVC	0.63	325.0	Pg	12:16:32.366	-0.6					T__		71.9		___ ML	1.7	33028	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.63	325.0	Lg	12:16:42.238	-0.8					T__				___		33027	FDSN	CZ	--	BUD	BUD	HHN	???	_
CSKK	0.98	178.4	Lg	12:16:54.877	-0.1					T__				___		33033	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZI	1.20	110.1	I	12:23:18.058	-2.3	296.8	5.4	335.19	-20.2	TA_				___		19	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	1.20	110.1	Pg	12:16:45.095	0.2					T__		41.2		___ ML	1.8	33035	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	1.20	110.1	Sn	12:17:01.642	-0.1					T__				___		33034	FDSN	GE	--	BUD	BUD	HHN	???	_
MORC	1.50	343.0	Lg	12:17:07.559	-1.1					T__				___		33036	FDSN	CZ	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022ffwi Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/03/16	08:38:41.78	0.52	0.48	47.9772	16.6573	8.7	3.8	129	0.0	0.0	7	0	175	0.37	1.10	sx	BUD	33241	BUD					

2022/03/16 08:38:39.88 3.65 0.57 47.9757 16.7139 27.8 9.8 97 0.0f 8 6 135 0.39 2.14 sx ILOC 19 ILOC 182  
 (#PRIME)  
 (locality : Steinbruch Austria)

Magnitude Err Nsta Author OrigID  
 MLv 1.7 0.0 1 BUD 33241  
 M 1.7 1 BUD 33241

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
RONA	0.39	225.7	Pg	08:38:48.246	0.3					T__						33244	FDSN	OE	--	BUD	BUD	HHZ	???	_
RONA	0.39	225.7	Lg	08:38:53.707	0.3					T__						33246	FDSN	OE	--	BUD	BUD	HHN	???	_
MODS	0.55	43.2	Lg	08:39:00.257	0.0					T__						33247	FDSN	SK	--	BUD	BUD	HHN	???	_
CONA	0.57	265.6	Pg	08:38:51.366	0.0					T__		84.0		ML	1.7	33242	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	0.57	265.6	Lg	08:38:59.134	0.1					T__						33243	FDSN	OE	--	BUD	BUD	HHN	???	_
ARSA	1.08	228.4	Sn	08:39:16.263	-1.2					T__						33245	FDSN	OE	--	BUD	BUD	HHN	???	_
KRUC	1.11	349.1	Lg	08:39:17.271	-0.2					T__						33248	FDSN	CZ	--	BUD	BUD	HHN	???	_
PSZI	2.14	90.4	I	08:52:55.398	46.8	270.5	-2.2	310.07	-102.6	_A_						20	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
 Event bud2022ffwn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/16	08:44:15.98	0.33	0.28	46.8985	17.3132	3.9	3.3	63	0.0	0.0	10	0	88	0.14	1.14	kx	BUD	33268	BUD			
2022/03/16	08:44:14.37			46.8902	17.3220				0.0							kx	BUD_GT	1	BUD			
2022/03/16	08:44:14.29	1.78	0.67	46.9037	17.3637	14.8	7.2	57	0.0f		12	9	95	0.12	2.00	kx	ILOC	20	ILOC			144

(#PRIME)  
 (locality : Uzsa Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 MLv 2.1 0.3 2 BUD 33268  
 M 2.1 2 BUD 33268

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BADH	0.12	142.7	Lg	08:44:20.030	0.2					T__						33270	FDSN	HU	--	BUD	BUD	HHN	???	_
A261A	0.16	288.2	Pg	08:44:18.147	0.1					T__		3660.3		ML	2.3	33271	FDSN	Z3	00	BUD	BUD	HHZ	HHZ	_
A261A	0.16	288.2	Lg	08:44:20.170	-0.9					T__						33272	FDSN	Z3	00	BUD	BUD	HHN	???	_
A263A	0.27	187.3	Lg	08:44:23.896	-0.6					T__						33273	FDSN	Z3	00	BUD	BUD	HHN	???	_
MPLH	0.29	24.2	Lg	08:44:25.673	-0.2					T__						33274	FDSN	HU	--	BUD	BUD	HHN	???	_
HU08A	0.65	35.7	Lg	08:44:37.901	-0.4					T__						33275	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KOGS	0.89	239.7	Lg	08:44:44.057	0.5					T__						33276	FDSN	SL	--	BUD	BUD	BHN	???	_
KOVH	0.96	147.8	Pn	08:44:34.630	0.8					T__		67.5		ML	1.9	33269	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.96	147.8	Sn	08:44:47.415	-1.3					T__						33277	FDSN	HU	--	BUD	BUD	HHN	???	_
MORH	1.12	127.5	Sn	08:44:52.729	0.1					T__						33278	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZI	2.00	58.5	I	08:57:50.495	64.2	236.6	-3.8	316.40	-95.2	_A_						21	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZI	2.00	58.5	I	08:59:06.845	140.6	236.5	-3.9	316.69	-94.9	_A_						22	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
 Event 19700219103925-00308 Ukraine

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/03/18	04:30:21.24	1.68		49.7995	23.7158				0.0							ks	GEMPA	1					
2022/03/18	04:30:27.01	6.91	0.23	49.7145	23.4419	15.4	5.6	132	0.0f		6	5	249	0.48	4.43	ks	ILOC	1	ILOC				275

(#PRIME)

(locality : Russian missile attack near Lviv)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KWP	0.48	260.4	Lg	04:30:43.523	0.1					T__					2	FDSN	IR	--	BUD	ISC	???	???	_	
KOLS	1.09	224.8	I	04:36:45.351	-0.3					T__					4	FDSN	IR	--	BUD	ISC	???	???	_	
TRPA	1.69	200.9	I	04:39:43.300	-70.9					---					4	FDSN	IR	--	BUD	ISC	???	???	_	
BURAR	2.41	150.1	I	04:43:26.509	-999	336.1	4.7	330.00	-75.4	_A_					3	FDSN	IR	--	BUD	ISC	???	???	_	
PSZI	2.95	233.9	I	04:47:25.088	-96.0	51.9	0.7	357.36	-21.2	_AS					4	FDSN	IR	--	BUD	ISC	???	???	_	
IPLOR	4.43	149.6	I	04:54:44.948	-999	333.6	1.7	326.07	-62.9	_A_					1	FDSN	IR	--	BUD	ISC	???	???	_	

STOP

Event bud2022fjqd Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/18	10:03:11.54	0.40	0.42	46.8626	17.2653	5.9	3.1	45	0.0	0.0	12	0	179	0.14	1.15	sx	BUD	34039	BUD			
2022/03/18	10:03:08.56	1.52	1.71	46.7647	17.2173	7.7	4.7	149	0.0f		14	8	188	0.18	2.15	sx	ILOC	21	ILOC			208

(#PRIME)

(locality : Várvölgy Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.1	3 BUD	34039
M	1.9		3 BUD	34039
ML	2.0	0.1	4 ILOC	21

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BADH	0.18	76.9	Lg	10:03:15.710	-0.3					T__						34042	FDSN	HU	--	BUD	BUD	HHN	???	_	
A261A	0.19	345.9	Pg	10:03:14.524	1.4					T__		9641.1		---	ML	2.8	34040	FDSN	Z3	00	BUD	BUD	HHZ	HHZ	_
A261A	0.19	345.9	Lg	10:03:15.930	-0.7					T__						34041	FDSN	Z3	00	BUD	BUD	HHE	???	_	
MPLH	0.46	28.4	Pg	10:03:18.117	-0.2					T__		284.2		---	ML	2.0	34044	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.46	28.4	Lg	10:03:22.911	-2.8					T__						34043	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOVH	0.91	137.6	Sn	10:03:43.039	1.3					T__						34047	FDSN	HU	--	BUD	BUD	HHN	???	_	
CSKK	0.93	49.6	Pn	10:03:28.313	0.5					T__		90.6		---	ML	2.0	34045	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.93	49.6	Lg	10:03:38.670	-3.9					T__						34046	FDSN	HU	--	BUD	BUD	HHN	???	_	
RONA	1.13	326.5	Pn	10:03:31.145	0.3					T__						34049	FDSN	OE	--	BUD	BUD	HHZ	???	_	
RONA	1.13	326.5	Lg	10:03:45.791	-0.1					T__						34048	FDSN	OE	--	BUD	BUD	HHN	???	_	
MORH	1.13	118.7	Pg	10:03:33.896	-0.2					T__		57.2		---	ML	1.9	34050	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.13	118.7	Lg	10:03:47.894	0.4					T__						34051	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	2.15	56.7	I	10:16:45.634	1.9	240.4	1.8	312.17	-100.3	TA_						23	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP

Event bud2022fljt Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/19	09:06:34.40	0.54	0.44	46.0990	18.3202	6.2	3.3	173	0.0	0.0	13	0	198	0.15	1.36	sx	BUD	34215	BUD			
2022/03/19	09:06:31.67	1.68	1.20	46.0243	18.3187	7.6	4.6	126	0.0f		15	11	231	0.17	2.18	sx	ILOC	22	ILOC			243

(#PRIME)

(locality : Pécs-Meszes Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.0	2 BUD	34215
M	1.5		2 BUD	34215

ML 1.6 0.1 3 ILOC 22

Sta	Dist	EvAz	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	292.9	Pg	09:06:36.837	1.2					T__		646.4		_c_	ML	1.6	34216	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.17	292.9	Lg	09:06:38.900	0.1					T__				---		34219	FDSN	HU	--	BUD	BUD	HHN	???	_	
MORH	0.30	49.7	Pg	09:06:38.799	0.7					T__		326.8		---	ML	1.6	34217	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	0.30	49.7	Lg	09:06:42.319	-0.9					T__				---		34220	FDSN	HU	--	BUD	BUD	HHN	???	_	
A266A	0.50	355.7	Pg	09:06:42.521	0.3					T__		301.3		---	ML	2.2	34218	FDSN	Z3	00	BUD	BUD	HHZ	HHZ	_
A266A	0.50	355.7	Lg	09:06:47.680	-2.5					T__				---		34221	FDSN	Z3	00	BUD	BUD	HHN	???	_	
A265A	0.54	318.0	Lg	09:06:49.795	-1.2					T__				---		34222	FDSN	Z3	00	BUD	BUD	HHN	???	_	
HU22A	0.64	61.4	Lg	09:06:54.505	-1.1					T__				---		34223	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BEHE	1.16	293.2	Sn	09:07:11.339	0.4					T__				---		34224	FDSN	HU	--	BUD	BUD	HHN	???	_	
A261A	1.23	319.4	Lg	09:07:13.342	-0.1					T__				---		34225	FDSN	Z3	00	BUD	BUD	HHN	???	_	
MPLH	1.27	335.2	Sn	09:07:13.010	-0.8					T__				---		34226	FDSN	HU	--	BUD	BUD	HHN	???	_	
CSKK	1.34	358.3	Sn	09:07:14.817	-1.1					T__				---		34227	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	1.43	349.2	Sn	09:07:17.549	-0.5					T__				---		34228	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	2.18	29.1	I	09:20:18.440	1.9	212.2	2.0	324.66	-87.5	TA_				---		24	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022fpew Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/21	11:11:02.16	0.49	0.40	47.8575	20.1730	6.7	3.2	145	0.0	0.0	12	0	174	0.20	1.10	sx	BUD	34838	BUD			
2022/03/21	11:11:00.89	1.66	0.88	47.8852	20.1420	5.2	0.9	101	0.0f		14	8	166	0.17	1.07	sx	ILOC	23	ILOC			221

(#PRIME)  
(locality : Kisdána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	4 BUD	34838
M	1.5		4 BUD	34838
ML	1.5	0.1	5 ILOC	23

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.17	281.4	Pg	11:11:05.967	0.9					T__		582.0		---	ML	1.5	34839	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.17	281.4	Lg	11:11:07.843	-0.7					T__				---		34846	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.17	281.2	I	11:11:55.582	-0.1	100.3	-0.7	345.49	7.8	TA_				---		25	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.18	268.2	Pg	11:11:06.048	0.8					T__		438.3		---	ML	1.4	34840	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.18	268.2	Lg	11:11:08.632	0.1					T__				---		34844	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.35	47.2	Pg	11:11:08.311	-0.2					T__		113.6		---	ML	1.3	34841	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.35	47.2	Lg	11:11:13.687	-0.9					T__				---		34845	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.64	20.9	Pg	11:11:14.719	0.9					T__		89.0		---	ML	1.8	34842	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.64	20.9	Lg	11:11:23.780	0.2					T__				---		34848	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU01A	0.65	213.3	Lg	11:11:22.802	-2.0					T__				---		34847	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.67	23.4	Pg	11:11:14.724	0.5					T__		58.1		---	ML	1.6	34843	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	23.4	Lg	11:11:24.374	-0.1					T__				---		34849	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
VYHS	1.07	305.4	Lg	11:11:37.256	-0.7					T__				---		34850	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022fpka Croatia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/21	13:46:26.26	0.29	0.32	46.1889	15.9068	4.3	3.0	114	0.0	0.0	13	0	106	0.28	1.74	sx	BUD	34991	BUD			
2022/03/21	13:46:25.65	1.48	0.65	46.1711	15.9621	12.8	9.5	97	0.0f		14	9	117	0.26	3.21	sx	ILOC	24	ILOC			164

(#PRIME)  
(locality : Ocura Croatia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	4 BUD	34991
M	1.7		4 BUD	34991
ML	1.9	0.1	5 ILOC	24

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PTJ	0.26	179.1	Pg	13:46:31.517	0.1					T__		212.5		___	ML	1.4 34993	FDSN	CR	--	BUD	BUD	BHZ	BHZ	_
PTJ	0.26	179.1	Lg	13:46:35.037	-0.7					T__				___		34996	FDSN	CR	--	BUD	BUD	BHN	???	_
KOGS	0.34	35.7	Pg	13:46:33.135	0.3					T__		424.1		___	ML	1.9 34992	FDSN	SL	--	BUD	BUD	BHZ	BHZ	_
KOGS	0.34	35.7	Lg	13:46:37.464	-0.3					T__				___		34997	FDSN	SL	--	BUD	BUD	BHN	???	_
CRES	0.49	225.8	Pg	13:46:35.482	0.2					T__		94.4		___	ML	1.6 34994	FDSN	SL	--	BUD	BUD	BHZ	BHZ	_
CRES	0.49	225.8	Lg	13:46:41.348	-1.1					T__				___		34998	FDSN	SL	--	BUD	BUD	BHN	???	_
BEHE	0.64	61.7	Lg	13:46:47.427	-0.5					T__				___		34999	FDSN	HU	--	BUD	BUD	HHN	???	_
OBKA	1.04	289.6	Pg	13:46:45.839	0.5					T__		105.2		___	ML	2.1 34995	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
OBKA	1.04	289.6	Lg	13:46:58.098	-1.1					T__				___		35000	FDSN	OE	--	BUD	BUD	HHN	???	_
ARSA	1.12	344.5	Pn	13:46:47.626	-0.6					T__		62.6		___	ML	1.9 35002	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
ARSA	1.12	344.5	Lg	13:47:01.625	0.2					T__				___		35001	FDSN	OE	--	BUD	BUD	HHN	???	_
RONA	1.55	8.4	Sn	13:47:14.094	-0.6					T__				___		35003	FDSN	OE	--	BUD	BUD	HHN	???	_
CONA	1.76	357.8	Sn	13:47:19.893	-0.3					T__				___		35004	FDSN	OE	--	BUD	BUD	HHN	???	_
PSZI	3.21	55.6	I	14:07:54.535	82.0	241.9	3.5	323.11	-48.7	A_				___		26	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022fqur Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/22	08:17:41.91	1.10	0.20	47.9416	20.4027	16.2	3.7	139	0.0	0.0	9	0	235	0.20	0.56	sx	BUD	35099	BUD			
2022/03/22	08:17:40.68	1.77	1.00	47.9577	20.3797	5.3	1.7	84	0.0f		11	6	226	0.19	0.55	sx	ILOC	25	ILOC			246

(#PRIME)  
(locality : Eger-III Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.1	2 BUD	35099
M	1.1		2 BUD	35099
ML	1.3	0.4	4 ILOC	25

Sta	Dist	EvAz	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	30.6	Pg	08:17:45.619	0.4					T__		185.2		___	ML	1.1 35100	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.19	30.6	Lg	08:17:47.865	-1.0					T__				___		35101	FDSN	ZJ	00	BUD	BUD	HHN	???	_
PSZ	0.33	263.3	Lg	08:17:52.390	-1.4					T__				___		35105	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.33	263.2	I	08:19:28.002	0.8	77.5	-5.4	346.18	11.9	TA_				___		27	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.35	257.2	Pg	08:17:48.751	0.3					T__		54.1		___	ML	1.0 35106	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.35	257.2	Lg	08:17:53.464	-0.7					T__				___		35108	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.53	7.6	Pg	08:17:52.813	1.4					T__		60.9		___	ML	1.6 35102	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.53	7.6	Lg	08:17:59.044	-0.6					T__				___		35107	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.55	11.2	Pg	08:17:52.775	1.0					T__		65.5		___	ML	1.6 35103	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.55	11.2	Lg	08:17:59.734	-0.5					T__				___		35104	FDSN	ZJ	--	BUD	BUD	HHE	???	_

STOP  
Event bud2022fqwb Hungary



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/22	08:59:48.44	0.27	0.60	47.1126	17.8407	3.8	2.8	85	0.0	0.0	14	0	99	0.21	1.57	sx	BUD	35163	BUD			
2022/03/22	08:59:46.52	1.57	0.55	47.1298	17.8625	14.3	6.7	62	0.0f		15	11	89	0.22	1.59	sx	ILOC	26	ILOC			111

(#PRIME)

(locality : Veszprém Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.3	3 BUD	35163
M	1.6		3 BUD	35163
ML	1.8	0.4	4 ILOC	26

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.22	280.5	Pg	08:59:51.807	0.2					T__		296.4		___	ML	1.4	35164	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.22	280.5	Lg	08:59:55.407	-0.4					T__				___		35167	FDSN	HU	--	BUD	BUD	HHN	???	_	
TIH	0.23	174.8	Pg	08:59:51.564	-0.1					T__		2106.6		___	ML	2.3	35165	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TIH	0.23	174.8	Lg	08:59:55.812	0.0					T__				___		35166	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.30	7.9	Lg	08:59:58.513	-0.2					T__				___		35168	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
CSKK	0.36	49.1	Lg	09:00:00.565	-0.1					T__				___		35169	FDSN	HU	--	BUD	BUD	HHN	???	_	
BADH	0.42	219.6	Lg	09:00:01.307	-0.3					T__				___		35170	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOVH	1.05	171.0	Pn	09:00:07.820	0.5					T__		63.0		___	ML	1.9	35176	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	1.05	171.0	Sn	09:00:22.253	-1.2					T__				___		35171	FDSN	HU	--	BUD	BUD	HHN	???	_	
MORH	1.06	149.3	Pn	09:00:07.959	0.6					T__		40.7		___	ML	1.7	35177	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.06	149.3	Lg	09:00:22.392	-0.8					T__				___		35172	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU10A	1.06	47.2	Sn	09:00:24.029	-0.2					T__				___		35173	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MODS	1.31	342.6	Sn	09:00:29.769	-0.7					T__				___		35174	FDSN	SK	--	BUD	BUD	HHN	???	_	
CONA	1.57	301.2	Lg	09:00:38.049	0.4					T__				___		35175	FDSN	OE	--	BUD	BUD	HHN	???	_	
PSZI	1.59	59.4	I	09:10:25.730	57.2	243.6	2.7	321.11	-67.1	_A_				___		28	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP

Event bud2022fqyn Croatia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/22	10:14:10.15	0.30	0.41	45.5965	17.2932	4.0	3.4	163	0.0	0.0	16	0	128	0.75	1.31	sx	BUD	35338	BUD			
2022/03/22	10:14:09.26	1.29	0.40	45.6544	17.2841	9.3	6.2	1	0.0f		17	10	125	0.72	2.89	sx	ILOC	28	ILOC			219

(#PRIME)

(locality : Dobra-Kuca Croatia)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.3	0.3	7 BUD	35338
M	2.3		7 BUD	35338
ML	2.1	0.1	9 ILOC	28

Sta	Dist	EvAz	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	52.4	Pg	10:14:24.416	0.4					T__		395.5		___	ML	2.5	35339	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.72	52.4	Lg	10:14:34.086	-0.3					T__				___		35344	FDSN	HU	--	BUD	BUD	HHN	???	_	
A265A	0.85	24.6	Pn	10:14:27.430	-0.0					T__		582.0		___	ML	2.7	35352	FDSN	Z3	00	BUD	BUD	HHZ	HHZ	_
BEHE	0.89	336.7	Pn	10:14:28.692	0.4					T__		332.4		___	ML	2.5	35353	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
BEHE	0.89	336.7	Sn	10:14:41.390	-0.7					T__				___		35346	FDSN	HU	--	BUD	BUD	HHE	???	_	
BLY	0.91	184.5	Pg	10:14:26.982	0.1					T__		98.3		___	ML	2.0	35351	FDSN	MN	--	BUD	BUD	HHZ	HHZ	_
BLY	0.91	184.5	Lg	10:14:37.939	-0.5					T__				___		35345	FDSN	MN	--	BUD	BUD	HHN	???	_	
PTJ	0.96	285.8	Pg	10:14:28.361	0.0					T__		116.6		___	ML	2.1	35343	FDSN	CR	--	BUD	BUD	BHZ	BHZ	_
PTJ	0.96	285.8	Lg	10:14:41.470	-0.4					T__				___		35342	FDSN	CR	--	BUD	BUD	BHN	???	_	
KOGS	1.07	318.2	Pn	10:14:31.205	0.4					T__		90.2		___	ML	2.1	35348	FDSN	SL	--	BUD	BUD	BHZ	BHZ	_

KOGS	1.07	318.2	Sn	10:14:46.437	0.2	T__										35347	FDSN	SL	--	BUD	BUD	BHN	???	_
MORH	1.10	58.9	Pn	10:14:30.627	-0.2	T__				69.8			---	ML	2.0	35341	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.10	58.9	Sn	10:14:46.648	-0.5	T__										35340	FDSN	HU	--	BUD	BUD	HHN	???	_
A266A	1.11	37.7	Pg	10:14:32.073	0.5	T__				324.7			---	ML	2.6	35354	FDSN	Z3	00	BUD	BUD	HHZ	HHZ	_
CRES	1.29	278.3	Pn	10:14:33.879	-0.3	T__				60.6			---	ML	2.0	35349	FDSN	SL	--	BUD	BUD	BHZ	BHZ	_
CRES	1.29	278.3	Sn	10:14:52.551	0.2	T__										35350	FDSN	SL	--	BUD	BUD	BHN	???	_
PSZI	2.89	37.4	I	10:34:00.184	101.5	220.4	1.1	332.86	-48.5	_A_						30	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022fqys Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/22	10:20:50.80	0.44	0.43	47.3691	18.3733	5.7	4.3	157	0.0	0.0	6	0	109	0.08	1.17	sx	BUD	35420	BUD			
2022/03/22	10:20:48.34	2.93	0.73	47.3926	18.4036	18.0	4.9	61	0.0f		8	6	110	0.10	1.19	sx	ILOC	29	ILOC			191

(#PRIME)  
(locality : Gánt Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.0	1 BUD	35420
M	1.4		1 BUD	35420

Sta	Dist	EvAz	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	253.2	Pg	10:20:51.829	0.8					T__		719.0		_c_	ML	1.4	35421	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.10	253.2	Lg	10:20:53.012	-0.6					T__						35422	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.33	277.0	Lg	10:21:00.176	-1.1					T__						35424	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	1.14	61.9	I	10:29:11.336	107.4	240.9	-2.1	318.20	-32.5	_A_						31	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZI	1.14	61.9	I	10:30:11.540	167.7	241.9	-1.1	334.18	-16.6	_A_						32	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.14	61.9	Sn	10:21:27.792	-0.6					T__						35425	FDSN	GE	--	BUD	BUD	HHE	???	_	
VYHS	1.14	14.6	Sn	10:21:28.818	0.4					T__						35423	FDSN	SK	--	BUD	BUD	HHN	???	_	
MORH	1.19	172.0	Sn	10:21:28.602	-0.2					T__						35426	FDSN	HU	--	BUD	BUD	HHE	???	_	

STOP  
Event bud2022fsrg Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/23	08:50:55.14	0.31	0.45	48.4672	17.4127	5.1	3.2	141	0.0	0.0	12	0	136	0.13	1.17	sx	BUD	35695	BUD			
2022/03/23	08:50:53.77	1.89	0.62	48.4692	17.4394	16.6	6.6	113	0.0f		14	7	117	0.14	1.73	sx	ILOC	30	ILOC			137

(#PRIME)  
(locality : Horne-Oresany Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.3	3 BUD	35695
M	1.5		3 BUD	35695
ML	1.7	0.3	4 ILOC	30

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.14	228.5	Pg	08:50:56.803	-0.5					T__				_c_		35696	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	0.14	228.5	Lg	08:50:59.049	-1.3					T__						35702	FDSN	SK	--	BUD	BUD	HHN	???	_	
JAVC	0.42	21.4	Pg	08:51:02.832	0.1					T__		108.3		---	ML	1.5	35697	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.42	21.4	Lg	08:51:08.921	-0.7					T__						35703	FDSN	CZ	--	BUD	BUD	HHN	???	_	
KRUC	0.91	311.0	Pg	08:51:12.097	0.9					T__		65.5		---	ML	1.8	35698	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
KRUC	0.91	311.0	Lg	08:51:24.436	-0.2					T__						35704	FDSN	CZ	--	BUD	BUD	HHN	???	_	
VYHS	0.93	87.9	Pn	08:51:13.674	0.2					T__		18.1		---	ML	1.3	35700	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_

VYHS	0.93	87.9	Lg	08:51:25.933	-0.1					T__							35705	FDSN	SK	--	BUD	BUD	HHN	???	_
RONA	1.09	225.3	Pg	08:51:15.050	-0.2					T__							35699	FDSN	OE	--	BUD	BUD	HHZ	???	_
RONA	1.09	225.3	Lg	08:51:30.141	0.7					T__							35706	FDSN	OE	--	BUD	BUD	HHN	???	_
CONA	1.19	243.4	Pg	08:51:17.073	-0.1					T__	55.7						35701	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	1.19	243.4	Lg	08:51:33.135	0.7					T__							35707	FDSN	OE	--	BUD	BUD	HHN	???	_
PSZI	1.73	107.7	I	09:02:40.080	62.9	290.8	1.3	328.40	-70.8	_A_							33	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZI	1.73	107.7	I	09:03:42.265	125.1	295.2	5.7	327.99	-71.2	_A_							34	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022fstz Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/23	10:13:13.23	0.30	0.54	48.5497	20.7707	3.9	3.0	162	0.0	0.0	15	0	87	0.16	1.29	sx	BUD	35906	BUD			
2022/03/23	10:13:11.18	1.53	0.80	48.5419	20.8079	5.2	4.3	43	0.0f		17	11	88	0.18	1.31	sx	ILOC	31	ILOC			158

(#PRIME)  
(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	4 BUD	35906
M	1.4		4 BUD	35906
ML	1.6	0.2	5 ILOC	31

Sta	Dist	EvAz	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	255.6	Pg	10:13:15.596	0.5					T__		201.1		___	ML	1.1	35907	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.18	255.6	Lg	10:13:18.368	0.2					T__				___		35911	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.22	254.8	Pg	10:13:16.385	0.6					T__		628.9		___	ML	1.7	35908	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.22	254.8	Lg	10:13:19.683	0.2					T__				___		35912	FDSN	SK	--	BUD	BUD	EHN	???	_	
ABAH	0.38	130.4	Lg	10:13:25.971	0.3					T__				___		35913	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.46	204.3	Pg	10:13:20.896	-0.1					T__		46.6		___	ML	1.2	35909	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.46	204.3	Lg	10:13:28.037	-0.4					T__				___		35914	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.87	224.7	Pn	10:13:30.222	0.4					T__		65.6		___	ML	1.8	35916	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.87	224.7	Lg	10:13:41.227	-1.5					T__				___		35915	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.87	224.7	I	10:18:06.963	1.2	41.4	-2.7	341.88	5.3	TA_				___		35	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.91	223.7	Lg	10:13:42.598	-1.0					T__				___		35917	FDSN	HU	--	BUD	BUD	HHN	???	_	
NIE	0.94	339.3	Pn	10:13:30.675	-0.1					T__		36.8		___	ML	1.6	35919	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	0.94	339.3	Lg	10:13:43.136	0.9					T__				___		35918	FDSN	PL	--	BUD	BUD	BHN	???	_	
KOLS	1.05	67.5	Sn	10:13:48.251	-1.1					T__				___		35920	FDSN	SK	--	BUD	BUD	HHN	???	_	
TRPA	1.23	109.0	Sn	10:13:53.000	-0.2					T__				___		35910	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	1.31	268.6	Sn	10:13:54.382	-1.1					T__				___		35921	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022fsvo Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/23	11:01:10.71	0.42	0.50	47.2996	17.6838	7.8	3.7	144	0.0	0.0	6	0	163	0.16	0.58	sx	BUD	35989	BUD			
2022/03/23	11:01:08.97	2.28	0.73	47.3259	17.6669	14.2	8.0	75	0.0f		7	5	141	0.18	1.62	sx	ILOC	32	ILOC			224

(#PRIME)  
(locality : Ugod Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.1	2 BUD	35989
M	1.3		2 BUD	35989

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MPLH	0.18	209.2	Pg	11:01:13.288	0.1					T__		316.7		___	ML	1.3	35991	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.18	209.2	Lg	11:01:15.958	-0.7					T__				___		35990	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.20	58.8	Pg	11:01:14.293	0.7					T__		358.5		___	ML	1.4	35995	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU08A	0.20	58.8	Lg	11:01:16.843	-0.8					T__				___		35994	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
EGYH	0.25	291.9	Lg	11:01:18.895	-0.0					T__				___		35993	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	0.58	56.9	Lg	11:01:29.917	-0.7					T__				___		35992	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	1.62	67.7	I	11:12:02.607	58.1	252.4	3.0	323.21	-67.6	_A_				___		36	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP

Event bud2022fuld Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/24	08:01:59.89	0.35	0.56	48.4833	19.5368	4.4	3.6	5	0.0	0.0	13	0	116	0.47	1.07	sx	BUD	36373	BUD			
2022/03/24	08:01:57.89	1.34	1.41	48.4379	19.5437	5.5	2.9	155	0.0f		15	8	118	0.47	1.10	sx	ILOC	33	ILOC			228

(#PRIME)  
(locality : Mýtna Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.2	5 BUD	36373
M	1.5		5 BUD	36373
ML	1.6	0.0	6 ILOC	33

Sta	Dist	EVaz	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	277.1	Pg	08:02:08.880	1.2					T__		30.2		___	ML	1.1	36380	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.47	277.1	Lg	08:02:14.737	-0.0					T__				___		36381	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZ	0.57	155.6	Pg	08:02:11.004	0.8					T__		59.6		___	ML	1.6	36377	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.57	155.6	Lg	08:02:18.975	-0.1					T__				___		36383	FDSN	GE	--	BUD	BUD	HHE	???	_	
PSZI	0.57	155.6	I	08:05:03.143	-1.8	333.5	-2.4	343.66	11.9	TA_				___		37	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.60	158.5	Pn	08:02:13.836	0.2					T__		45.2		___	ML	1.5	36379	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.60	158.5	Lg	08:02:20.512	0.8					T__				___		36378	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.63	85.5	Pg	08:02:11.874	1.4					T__		206.7		___	ML	2.2	36374	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.63	85.5	Lg	08:02:20.492	0.5					T__				___		36382	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.67	84.6	Pn	08:02:12.339	-2.2					T__		52.4		___	ML	1.6	36375	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	84.6	Lg	08:02:21.685	0.5					T__				___		36384	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.73	115.4	Pn	08:02:13.796	-0.6					T__		46.5		___	ML	1.6	36376	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.73	115.4	Lg	08:02:23.951	-0.4					T__				___		36385	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.10	26.6	Lg	08:02:34.052	-3.1					T__				___		36386	FDSN	PL	--	BUD	BUD	BHN	???	_	

STOP

Event bud2022fupd Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/24	10:02:17.31	0.30	0.90	48.2929	19.8623	3.6	3.4	145	0.0	0.0	13	0	107	0.38	1.56	sx	BUD	36549	BUD			
2022/03/24	10:02:15.50	1.57	0.76	48.2914	19.8520	5.3	1.9	175	0.0f		15	9	108	0.37	1.56	sx	ILOC	35	ILOC			133

(#PRIME)  
(locality : Bulhary Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.1	5 BUD	36549
M	1.8		5 BUD	36549
ML	1.8	0.1	5 ILOC	35

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.37	175.6	Pg	10:02:24.032	0.2					T__		225.6		___ ML	1.7	36553	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.37	175.6	Lg	10:02:30.020	-0.0					T__				___		36554	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.37	175.7	I	10:04:17.647	0.7	359.2	3.4	345.36	11.9	TA_				___		39	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.41	178.2	Lg	10:02:30.020	-0.9					T__				___		36555	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.46	65.3	Pg	10:02:25.185	0.3					T__		212.6		___ ML	1.9	36551	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.46	65.3	Lg	10:02:32.807	0.7					T__				___		36556	FDSN	SK	--	BUD	BUD	EHN	???	_
HU02A	0.48	110.4	Pg	10:02:25.509	-0.2					T__		116.1		___ ML	1.7	36552	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.48	110.4	Lg	10:02:32.969	-0.6					T__				___		36557	FDSN	ZJ	00	BUD	BUD	HHN	???	_
JOS	0.50	65.7	Pg	10:02:25.650	0.0					T__		123.6		___ ML	1.8	36550	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.50	65.7	Lg	10:02:33.698	0.4					T__				___		36558	FDSN	ZJ	--	BUD	BUD	HHN	???	_
VYHS	0.71	287.0	Lg	10:02:39.524	-0.8					T__				___		36559	FDSN	SK	--	BUD	BUD	HHN	???	_
NIE	1.17	14.5	Pn	10:02:38.553	0.3					T__		52.3		___ ML	1.9	36561	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.17	14.5	Sn	10:02:54.898	-1.5					T__				___		36560	FDSN	PL	--	BUD	BUD	BHN	???	_
JAVC	1.56	292.2	Sn	10:03:07.925	1.3					T__				___		36562	FDSN	CZ	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022fwfz Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/25	07:42:08.93	1.11	0.21	47.9549	20.3945	16.7	3.6	139	0.0	0.0	8	0	230	0.19	0.55	sx	BUD	36688	BUD			
2022/03/25	07:42:07.43	1.87	0.91	47.9629	20.3714	5.3	1.7	83	0.0f		10	6	223	0.19	0.54	sx	ILOC	36	ILOC			244

(#PRIME)  
(locality : Eger-III Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.2	3 BUD	36688
M	1.2		3 BUD	36688
ML	1.1	0.1	3 ILOC	36

Sta	Dist	EVaz	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	32.8	Pg	07:42:12.416	0.5					T__		198.8		___ ML	1.1	36689	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.19	32.8	Lg	07:42:14.589	-1.0					T__				___		36692	FDSN	ZJ	00	BUD	BUD	HHN	???	_
PSZ	0.32	262.3	Pg	07:42:15.910	1.1					T__		74.3		___ ML	1.1	36691	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.32	262.3	Lg	07:42:19.087	-1.3					T__				___		36693	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.32	262.2	I	07:43:52.503	0.2	78.5	-3.3	355.74	21.4	TA_				___		40	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.35	256.2	Lg	07:42:20.205	-0.5					T__				___		36694	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.53	8.3	Lg	07:42:25.855	-0.4					T__				___		36695	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.54	11.8	Pg	07:42:19.400	1.0					T__		50.2		___ ML	1.5	36690	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.54	11.8	Lg	07:42:26.448	-0.4					T__				___		36696	FDSN	ZJ	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022fwpo Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/25	12:32:04.21	0.34	0.48	47.8599	20.1576	4.4	3.0	158	0.0	0.0	16	0	111	0.19	1.56	sx	BUD	37032	BUD			
2022/03/25	12:32:02.35	1.37	0.99	47.8679	20.1617	5.1	1.0	105	0.0f		18	10	107	0.19	1.55	sx	ILOC	37	ILOC			214

(#PRIME)  
(locality : Kisnána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	5 BUD	37032
M	1.5		5 BUD	37032

ML 1.6 0.0 7 ILOC 37

Sta	Dist	EvAz	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	285.8	Pg	12:32:07.404	0.5					T__		693.9		___	ML	1.7 37034	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.19	285.8	Lg	12:32:10.143	-0.5					T__				___		37037	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.19	285.6	I	12:33:02.145	-0.5	103.9	-1.5	350.73	13.5	TA_				___		41	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.20	273.4	Pg	12:32:07.623	0.7					T__		576.3		___	ML	1.6 37035	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.20	273.4	Lg	12:32:10.216	-0.3					T__				___		37038	FDSN	HU	--	BUD	BUD	HHN	???	_
HU23A	0.24	165.4	Lg	12:32:11.304	-0.8					T__				___		37039	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU02A	0.35	43.7	Pg	12:32:10.460	0.4					T__		129.2		___	ML	1.4 37041	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.35	43.7	Lg	12:32:15.646	-0.5					T__				___		37040	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KECS	0.65	19.3	Pn	12:32:16.787	-0.8					T__		96.0		___	ML	1.8 37042	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.65	19.3	Lg	12:32:25.624	0.1					T__				___		37043	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.68	21.8	Pg	12:32:16.361	0.4					T__		57.6		___	ML	1.6 37045	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.68	21.8	Lg	12:32:26.440	0.2					T__				___		37044	FDSN	ZJ	--	BUD	BUD	HHN	???	_
ABAH	0.84	58.9	Pn	12:32:21.418	1.3					T__		87.5		___	ML	1.9 37033	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.84	58.9	Sn	12:32:31.533	-3.0					T__				___		37046	FDSN	HU	--	BUD	BUD	HHN	???	_
VYHS	1.09	305.7	Pg	12:32:24.686	0.4					T__		17.0		___	ML	1.3 37036	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.09	305.7	Lg	12:32:39.549	-0.6					T__				___		37047	FDSN	SK	--	BUD	BUD	HHN	???	_
NIE	1.55	3.3	Sn	12:32:53.278	0.8					T__				___		37048	FDSN	PL	--	BUD	BUD	BHN	???	_

STOP  
Event bud2022gdqd Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/29	08:46:53.36	0.24	0.44	47.8241	19.1310	3.8	2.2	170	0.0	0.0	18	0	88	0.08	1.42	sx	BUD	38304	BUD			
2022/03/29	08:46:51.15	1.52	1.00	47.8098	19.1388	4.8	2.7	76	0.0f		20	14	91	0.09	1.44	sx	ILOC	38	ILOC			130

(#PRIME)  
(locality : Sejce-Vác Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.1	3 BUD	38304
M	1.4		3 BUD	38304
ML	1.5	0.1	5 ILOC	38

Sta	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	293.7	Pg	08:46:54.257	0.8					T__		5644.4		___	ML	2.3 38305	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.09	293.7	Lg	08:46:55.115	-0.4					T__				___		38308	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU03A	0.32	73.0	Pg	08:46:59.605	1.4					T__		165.6		___	ML	1.4 38310	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.32	73.0	Lg	08:47:03.695	0.1					T__				___		38309	FDSN	ZJ	00	BUD	BUD	HHN	???	_
BUD	0.34	193.4	Lg	08:47:04.219	-0.2					T__				___		38311	FDSN	HU	--	BUD	BUD	HHN	???	_
ET1H	0.50	81.7	Pg	08:47:02.401	0.5					T__		63.4		___	ML	1.5 38306	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.50	81.7	Lg	08:47:09.503	-0.2					T__				___		38312	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZI	0.52	77.7	I	08:49:39.980	-0.9	261.0	2.7	320.34	-11.6	TA_				___		42	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.52	77.7	Lg	08:47:09.687	-1.2					T__				___		38313	FDSN	GE	--	BUD	BUD	HHN	???	_
SRO	0.56	270.7	Lg	08:47:11.138	-0.8					T__				___		38314	FDSN	SK	--	BUD	BUD	EHN	???	_
VYHS	0.71	343.6	Pg	08:47:06.564	0.8					T__		20.7		___	ML	1.2 38316	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.71	343.6	Lg	08:47:15.328	-1.0					T__				___		38315	FDSN	SK	--	BUD	BUD	HHN	???	_
CSKK	0.74	233.4	Lg	08:47:17.149	-1.3					T__				___		38317	FDSN	HU	--	BUD	BUD	HHN	???	_
HU23A	0.77	102.4	Lg	08:47:18.515	-0.7					T__				___		38318	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU08A	0.90	245.7	Lg	08:47:22.256	-1.2					T__				___		38319	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU02A	0.98	70.9	Pg	08:47:12.626	1.2					T__		87.7		___	ML	2.0 38307	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.98	70.9	Sn	08:47:25.079	-2.1					T__				___		38320	FDSN	ZJ	00	BUD	BUD	HHN	???	_

MPLH	1.26	240.0	Lg	08:47:34.279	0.0	T__	---	38321	FDSN	HU	--	BUD	BUD	HHN	???	_
JAVC	1.44	317.5	Sn	08:47:39.459	0.1	T__	---	38322	FDSN	CZ	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022gfgk Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/30	06:07:22.13	0.29	0.51	47.3090	18.3025	3.6	3.0	127	0.0	0.0	15	0	106	0.06	1.27	kx	BUD	38645	BUD			
2022/03/30	06:07:19.84			47.3167	18.3081				0.0							kx	BUD_GT	1	BUD			
2022/03/30	06:07:19.68	1.57	1.31	47.3255	18.3947	5.0	4.2	95	0.0f		17	12	110	0.10	1.29	kx	ILOC	39	ILOC			128

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	4 BUD	38645
M	1.6		4 BUD	38645
ML	1.6	0.2	4 ILOC	39

Sta	Dist	EVaz	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	292.5	Pg	06:07:22.281	-0.0					T__		1945.8		---	ML	1.9	38646	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.10	292.5	Lg	06:07:23.272	-1.6					T__				---		38647	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	0.31	358.5	Lg	06:07:32.488	0.3					T__				---		38649	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU08A	0.34	288.5	Lg	06:07:31.068	-1.8					T__				---		38648	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	0.60	255.4	Pg	06:07:32.383	0.3					T__		47.2		---	ML	1.5	38657	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.60	255.4	Lg	06:07:39.201	-2.1					T__				---		38650	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU10A	0.67	38.9	Lg	06:07:45.260	0.7					T__				---		38651	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORH	1.12	171.2	Lg	06:07:57.854	-0.5					T__				---		38658	FDSN	HU	--	BUD	BUD	HHN	???	_	
ET1H	1.14	60.5	Lg	06:08:00.923	0.5					T__				---		38652	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.17	59.1	I	06:14:07.679	-2.9	242.8	2.6	314.23	-39.3	TA_				---		43	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.18	59.1	Pg	06:07:44.474	0.1					T__		40.2		---	ML	1.8	38653	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	1.18	59.1	Sn	06:08:02.195	1.5					T__				---		38660	FDSN	GE	--	BUD	BUD	HHN	???	_	
VYHS	1.21	14.1	Pg	06:07:44.876	0.8					T__		18.9		---	ML	1.4	38654	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.21	14.1	Sn	06:08:02.193	0.8					T__				---		38655	FDSN	SK	--	BUD	BUD	HHN	???	_	
KOVH	1.25	189.4	Sn	06:08:02.111	0.3					T__				---		38659	FDSN	HU	--	BUD	BUD	HHN	???	_	
MODS	1.29	324.8	Sn	06:08:03.480	-0.0					T__				---		38656	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022gfkf Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/30	08:02:50.52	0.34	0.21	47.3862	18.4144	4.9	3.4	151	0.0	0.0	10	0	109	0.11	1.18	sx	BUD	38687	BUD			
2022/03/30	08:02:48.30	1.90	1.62	47.4300	18.4898	5.4	5.1	157	0.0f		12	8	111	0.17	1.22	sx	ILOC	40	ILOC			183

(#PRIME)  
(locality : Gánt Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	2 BUD	38687
M	1.5		2 BUD	38687
ML	1.6	0.2	3 ILOC	40

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.17	246.8	Pg	08:02:52.413	0.1					T__		750.9		---	ML	1.6	38688	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_

CSKK	0.17	246.8	Lg	08:02:53.364	-2.5	T__										38689	FDSN	HU	--	BUD	BUD	HHN	???	_
HU09A	0.22	340.8	Lg	08:02:58.326	0.8	T__										38691	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU08A	0.38	270.4	Lg	08:03:01.108	-2.0	T__										38692	FDSN	ZJ	00	BUD	BUD	HHN	???	_
ET1H	1.04	63.8	Pg	08:03:10.939	0.9	T__			28.4				ML	1.5	38690	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_	
ET1H	1.04	63.8	Sn	08:03:25.989	0.6	T__									38693	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.07	62.3	I	08:08:53.320	-3.1	247.2	3.9	319.38	-26.7	TA_					44	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.07	62.2	Pg	08:03:11.873	1.1	T__			53.2				ML	1.8	38695	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_	
PSZ	1.07	62.2	Lg	08:03:27.248	0.4	T__									38694	FDSN	GE	--	BUD	BUD	HHN	???	_	
VYHS	1.09	12.2	Sn	08:03:27.206	0.0	T__									38696	FDSN	SK	--	BUD	BUD	HHN	???	_	
MORH	1.22	175.0	Sn	08:03:28.611	-0.9	T__									38697	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022ghij Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/03/31	09:23:46.87	0.24	0.65	48.4076	19.1094	3.2	2.3	179	0.0	0.0	21	0	101	0.20	1.43	sx	BUD	39016	BUD			
2022/03/31	09:23:44.90	1.46	0.79	48.3975	19.1147	10.1	3.5	134	0.0f		22	16	99	0.21	1.42	sx	ILOC	43	ILOC			145

(#PRIME)  
(locality : Sasa Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	4 BUD	39016
M	1.6		4 BUD	39016
ML	1.7	0.1	6 ILOC	43

Sta	Dist	EvAz	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	297.6	Pg	09:23:49.628	0.2					T__		254.8			ML	1.3	39023	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.21	297.6	Lg	09:23:52.641	-0.2					T__						39024	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU10A	0.56	186.7	Pg	09:23:57.608	1.1					T__		175.4			ML	2.1	39026	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.56	186.7	Lg	09:24:05.423	-0.1					T__						39025	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.59	146.5	Lg	09:24:05.406	-0.9					T__						39027	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
A338A	0.64	233.4	Lg	09:24:07.246	-1.1					T__						39028	FDSN	Z3	00	BUD	BUD	HHZ	???	_	
PSZI	0.71	132.3	I	09:28:39.339	59.4	318.2	5.3	332.61	-0.1	A_						48	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.71	132.3	Lg	09:24:10.334	-0.5					T__						39021	FDSN	GE	--	BUD	BUD	HHN	???	_	
ET1H	0.73	135.4	Lg	09:24:10.845	-0.1					T__						39022	FDSN	HU	--	BUD	BUD	HHE	???	_	
KECS	0.92	84.1	Pn	09:24:03.688	-0.3					T__		123.2			ML	2.1	39019	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.92	84.1	Lg	09:24:16.835	0.0					T__						39018	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.95	83.6	Pg	09:24:03.724	-0.1					T__		49.0			ML	1.7	39020	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.95	83.6	Lg	09:24:18.295	0.3					T__						39029	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.98	105.8	Pg	09:24:05.806	0.7					T__		53.1			ML	1.8	39017	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.98	105.8	Sn	09:24:19.354	-1.7					T__						39030	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JAVC	1.06	296.3	Lg	09:24:22.084	-0.6					T__						39031	FDSN	CZ	--	BUD	BUD	HHN	???	_	
CSKK	1.18	209.4	Sn	09:24:25.644	-0.2					T__						39032	FDSN	HU	--	BUD	BUD	HHN	???	_	
MODS	1.22	269.6	Sn	09:24:26.276	-1.0					T__						39033	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU08A	1.26	220.1	Sn	09:24:26.501	-1.0					T__						39034	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.29	37.0	Pn	09:24:10.939	1.5					T__		26.5			ML	1.6	39036	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.29	37.0	Sn	09:24:28.541	-0.5					T__						39035	FDSN	PL	--	BUD	BUD	BHN	???	_	
ABAH	1.42	93.3	Sn	09:24:31.534	0.2					T__						39037	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022gsko Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/04/06 11:00:04.84 0.24 0.55 48.1259 18.9811 3.3 2.4 6 0.0 0.0 19 0 84 0.28 1.17 sx BUD 41306 BUD  
 2022/04/06 11:00:02.56 1.50 1.08 48.1241 18.9724 5.0 3.3 108 0.0f 21 14 83 0.28 1.16 sx ILOC 45 ILOC 119  
 (#PRIME)  
 (locality : Horne-Turovce Slovakia)

Magnitude Err Nsta Author OrigID  
 MLv 1.4 0.1 3 BUD 41306  
 M 1.4 3 BUD 41306  
 ML 1.4 0.1 6 ILOC 45

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU10A	0.28	173.6	Pg	11:00:09.750	1.1					T__		181.9		___ ML	1.3	41307	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.28	173.6	Lg	11:00:13.695	0.1					T__				___		41311	FDSN	ZJ	00	BUD	BUD	HHN	???	_
VYHS	0.38	346.2	Pg	11:00:11.773	1.3					T__		20.3		___ ML	0.7	41310	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.38	346.2	Lg	11:00:17.012	0.6					T__				___		41321	FDSN	SK	--	BUD	BUD	HHN	???	_
A338A	0.43	255.5	Lg	11:00:19.392	0.6					T__				___		41322	FDSN	Z3	00	BUD	BUD	HH2	???	_
HU03A	0.48	117.4	Lg	11:00:20.677	0.6					T__				___		41312	FDSN	ZJ	00	BUD	BUD	HHN	???	_
SRO	0.54	235.2	Lg	11:00:22.168	-0.5					T__				___		41323	FDSN	SK	--	BUD	BUD	EHN	???	_
ET1H	0.65	111.8	Pg	11:00:16.972	0.6					T__		30.3		___ ML	1.3	41308	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.65	111.8	Lg	11:00:25.832	-0.4					T__				___		41313	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZI	0.65	108.1	I	11:03:38.376	0.7	291.9	3.1	326.57	-5.5	TA_				___		50	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.65	108.1	Pg	11:00:17.053	0.5					T__		40.0		___ ML	1.5	41309	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.65	108.1	Lg	11:00:26.014	-0.7					T__				___		41324	FDSN	GE	--	BUD	BUD	HHN	???	_
CSKK	0.90	212.5	Lg	11:00:33.561	-1.5					T__				___		41314	FDSN	HU	--	BUD	BUD	HHN	???	_
HU02A	1.04	89.5	Sn	11:00:37.888	-2.2					T__				___		41325	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KECS	1.07	69.9	Sn	11:00:39.512	-1.2					T__				___		41315	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	1.11	69.8	Pg	11:00:24.588	0.1					T__		41.8		___ ML	1.7	41317	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.11	69.8	Sn	11:00:40.195	-1.4					T__				___		41316	FDSN	ZJ	--	BUD	BUD	HHN	???	_
JAVC	1.14	310.8	Pg	11:00:26.519	0.9					T__		86.0		___ ML	2.1	41318	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	1.14	310.8	Lg	11:00:42.227	-0.7					T__				___		41319	FDSN	CZ	--	BUD	BUD	HHN	???	_
MODS	1.16	283.1	Sn	11:00:41.583	-1.8					T__				___		41320	FDSN	SK	--	BUD	BUD	HHN	???	_

STOP  
 Event bud2022hbie Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/11	08:01:16.76	0.28	0.57	48.7274	18.4628	6.0	2.7	20	0.0	0.0	14	0	128	0.34	1.50	sx	BUD	43119	BUD			
2022/04/11	08:01:15.37	1.69	1.16	48.6434	18.4500	6.1	4.9	30	0.0f		16	9	124	0.30	1.48	sx	ILOC	46	ILOC			166

(#PRIME)  
 (locality : Horné-Vestenice Slovakia)

Magnitude Err Nsta Author OrigID  
 MLv 2.1 0.1 4 BUD 43119  
 M 2.1 4 BUD 43119  
 ML 2.1 0.1 5 ILOC 46

Sta	Dist	EvAz	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	120.1	Pg	08:01:22.842	1.3					T__		31.2		___ ML	0.6	43125	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.30	120.1	Lg	08:01:27.790	1.6					T__				___		43124	FDSN	SK	--	BUD	BUD	HHN	???	_
JAVC	0.56	293.0	Pg	08:01:27.005	-0.0					T__		148.4		___ ML	2.0	43126	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.56	293.0	Lg	08:01:34.856	-1.1					T__				___		43127	FDSN	CZ	--	BUD	BUD	HHN	???	_
MODS	0.83	251.3	Pg	08:01:32.270	0.1					T__				___		43129	FDSN	SK	--	BUD	BUD	HHZ	???	_
MODS	0.83	251.3	Lg	08:01:44.650	-0.2					T__				___		43128	FDSN	SK	--	BUD	BUD	HHE	???	_

PSZI	1.21	126.4	I	08:08:17.424	-2.0	306.7	-0.8	336.18	-19.9	TA_	---	---	---	51	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.21	126.4	Sn	08:01:57.263	-0.2					T__	---	---	---	43132	FDSN	GE	--	BUD	BUD	HHN	???	_	
MORC	1.28	332.7	Pg	08:01:38.807	-0.4					T__	76.6	---	ML	2.1	43130	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
MORC	1.28	332.7	Lg	08:01:55.715	-1.3					T__	---	---	---	43131	FDSN	CZ	--	BUD	BUD	HHN	???	_	
KECS	1.36	96.0	Pg	08:01:42.178	-0.1					T__	96.7	---	ML	2.2	43122	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	1.36	96.0	Sn	08:01:59.561	-1.3					T__	---	---	---	43121	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	1.40	95.3	Pg	08:01:43.274	0.4					T__	59.9	---	ML	2.1	43120	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.40	95.3	Sn	08:02:00.693	-1.0					T__	---	---	---	43133	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	1.48	109.9	Sn	08:02:05.623	1.7					T__	---	---	---	43123	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

STOP  
Event bud2022hdb Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/12	07:01:12.57	0.22	0.62	47.3726	18.3789	2.7	2.2	137	0.0	0.0	23	0	108	0.08	1.95	sx	BUD	43548	BUD			
2022/04/12	07:01:09.86	1.44	1.34	47.3794	18.4412	5.2	4.6	150	0.0f		25	21	110	0.12	1.99	sx	ILOC	47	ILOC			114

(#PRIME)  
(locality : Gánt Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.2	3 BUD	43548
M	2.0		3 BUD	43548
ML	2.0	0.3	3 ILOC	47

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.12	262.5	Pg	07:01:13.294	0.3					T__		4500.9		---	ML	2.3	43549	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.12	262.5	Lg	07:01:14.609	-1.3					T__				---		43550	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	0.26	351.3	Lg	07:01:21.730	1.2					T__				---		43551	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU08A	0.36	278.6	Lg	07:01:22.832	-0.8					T__				---		43552	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
A267A	0.43	176.3	Lg	07:01:26.716	0.5					T__				---		43553	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
SRO	0.44	348.8	Lg	07:01:26.474	-0.3					T__				---		43571	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU10A	0.61	39.8	Lg	07:01:32.785	0.2					T__				---		43555	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	0.65	251.5	Lg	07:01:31.895	-1.1					T__				---		43554	FDSN	HU	--	BUD	BUD	HHN	???	_	
A266A	0.86	188.1	Lg	07:01:40.149	0.4					T__				---		43556	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	1.09	62.1	Pg	07:01:33.837	1.2					T__		48.1		---	ML	1.8	43558	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	1.09	62.1	Lg	07:01:48.807	0.1					T__				---		43557	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.12	60.7	I	07:07:38.788	-0.2	242.7	0.9	335.24	-14.4	TA_				---		52	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.12	60.7	Pg	07:01:34.403	0.9					T__		69.9		---	ML	2.0	43559	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	1.12	60.7	Sn	07:01:49.697	0.2					T__				---		43560	FDSN	GE	--	BUD	BUD	HHN	???	_	
VYHS	1.15	13.2	Sn	07:01:51.396	1.3					T__				---		43562	FDSN	SK	--	BUD	BUD	HHN	???	_	
MORH	1.17	173.1	Sn	07:01:49.778	-0.2					T__				---		43561	FDSN	HU	--	BUD	BUD	HHN	???	_	
MODS	1.27	322.2	Sn	07:01:51.881	-1.2					T__				---		43563	FDSN	SK	--	BUD	BUD	HHN	???	_	
KOVH	1.31	190.4	Sn	07:01:53.338	-0.1					T__				---		43564	FDSN	HU	--	BUD	BUD	HHN	???	_	
RONA	1.49	283.2	Sn	07:01:57.950	0.1					T__				---		43565	FDSN	OE	--	BUD	BUD	HHN	???	_	
JAVC	1.57	341.1	Sn	07:02:03.453	2.3					T__				---		43566	FDSN	CZ	--	BUD	BUD	HHN	???	_	
HU02A	1.59	61.4	Lg	07:02:04.828	-3.5					T__				---		43567	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	1.80	50.9	Lg	07:02:12.273	-2.5					T__				---		43569	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
CONA	1.83	288.4	Lg	07:02:10.978	1.9					T__				---		43568	FDSN	OE	--	BUD	BUD	HHN	???	_	
ARSA	1.99	267.4	Lg	07:02:11.949	-1.1					T__				---		43570	FDSN	OE	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022hdfu Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/12	09:05:26.39	0.78	0.57	48.4864	20.4185	11.5	3.5	147	0.0	0.0	10	0	231	0.04	0.71	sx	BUD	43797	BUD			
2022/04/12	09:05:25.01	1.77	1.13	48.4783	20.4159	5.2	3.4	28	0.0f		12	6	225	0.05	0.70	sx	ILOC	48	ILOC			231

(#PRIME)  
(locality : Coltovo Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.4	5 BUD	43797
M	1.2		5 BUD	43797
ML	1.1	0.4	5 ILOC	48

Sta	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	0.05	84.0	Pg	09:05:26.889	0.6					T__		131.3		___	ML	0.5	43798	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.05	84.0	Lg	09:05:27.454	0.1					T__				___		43804	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.08	77.9	Pg	09:05:27.415	0.5					T__		382.0		___	ML	1.1	43799	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.08	77.9	Lg	09:05:29.207	0.6					T__				___		43805	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.36	168.4	Pg	09:05:33.600	0.7					T__		35.7		___	ML	0.9	43800	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.36	168.4	Lg	09:05:37.332	-1.6					T__				___		43806	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.66	212.1	Pg	09:05:39.365	0.3					T__		59.8		___	ML	1.6	43802	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.66	212.1	Lg	09:05:48.675	-0.6					T__				___		43801	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.66	212.1	I	09:09:05.591	2.4	31.5	-0.2	356.49	24.3	TA_				___		53	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.70	211.5	Pg	09:05:39.365	-0.4					T__		42.1		___	ML	1.5	43807	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.70	211.5	Lg	09:05:49.320	-0.9					T__				___		43803	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022hdhm Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/12	09:55:46.17	0.47	0.22	48.6857	19.6478	4.8	4.0	149	0.0	0.0	12	0	139	0.57	1.13	sx	BUD	43841	BUD			
2022/04/12	09:55:44.23	1.71	1.01	48.6711	19.6282	5.6	3.9	164	0.0f		14	9	138	0.56	1.14	sx	ILOC	49	ILOC			221

(#PRIME)  
(locality : Tisovec Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.1	3 BUD	43841
M	1.9		3 BUD	43841
ML	1.9	0.2	4 ILOC	49

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.56	251.7	Lg	09:56:04.361	0.6					T__				___		43849	FDSN	SK	--	BUD	BUD	HHN	???	_	
KECS	0.60	108.0	Pg	09:55:57.501	1.3					T__		153.2		___	ML	2.0	43842	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.60	108.0	Lg	09:56:05.138	-0.1					T__				___		43843	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.63	105.8	Pg	09:55:57.714	0.9					T__		121.5		___	ML	1.9	43844	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.63	105.8	Lg	09:56:06.008	-0.3					T__				___		43850	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
PSZ	0.77	166.6	Pn	09:56:01.367	-0.2					T__		71.2		___	ML	1.8	43847	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.77	166.6	Lg	09:56:11.562	-0.8					T__				___		43851	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.77	166.7	I	10:00:04.467	1.9	348.3	1.4	336.29	2.5	TA_				___		55	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.81	168.3	Lg	09:56:12.815	-0.3					T__				___		43848	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.81	132.3	Pn	09:56:01.416	-0.5					T__		38.2		___	ML	1.5	43845	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.81	132.3	Lg	09:56:12.097	-1.4					T__				___		43846	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	0.87	30.3	Lg	09:56:13.892	0.9					T__				___		43852	FDSN	PL	--	BUD	BUD	BHN	???	_	
ABAH	1.14	108.7	Sn	09:56:22.753	-1.0					T__				___		43853	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022hdqs Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/12	14:36:03.50	0.46	0.38	47.1423	19.3629	23.4	3.4	122	0.0	0.0	9	0	183	0.81	1.37	sx	BUD	44046	BUD			
2022/04/12	14:36:01.88	1.70	1.14	47.1560	19.3514	11.0	4.4	24	0.0f		10	6	181	0.80	1.37	sx	ILOC	50	ILOC			193

(#PRIME)  
(locality : Dabas Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.3	5 BUD	44046
M	1.8		5 BUD	44046
ML	1.8	0.0	5 ILOC	50

Sta	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	0.80	25.8	Pg	14:36:19.294	0.3					T__		34.3		___ ML	1.5	44047	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.80	25.8	Lg	14:36:29.692	-1.4					T__				___		44053	FDSN	HU	--	BUD	BUD	HHE	???	_
PSZI	0.85	25.5	I	14:41:54.693	68.4	207.2	1.3	322.19	-13.5	_A_				___		56	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.85	25.6	Pg	14:36:20.038	0.1					T__		70.6		_c_ ML	1.8	44054	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
A266A	0.98	230.2	Pg	14:36:21.456	-0.0					T__		212.7		___ ML	2.4	44048	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A266A	0.98	230.2	Lg	14:36:33.290	-2.3					T__				___		44055	FDSN	ZJ	00	BUD	BUD	HHN	???	_
MORH	1.06	207.6	Pn	14:36:22.771	0.1					T__		30.4		___ ML	1.6	44049	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.06	207.6	Lg	14:36:38.065	-0.4					T__				___		44050	FDSN	HU	--	BUD	BUD	HHN	???	_
KOVH	1.37	219.4	Pn	14:36:28.238	1.1					T__		36.5		___ ML	1.8	44051	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	1.37	219.4	Sn	14:36:47.131	0.4					T__				___		44052	FDSN	HU	--	BUD	BUD	HHE	???	_

STOP  
Event bud2022hfni Croatia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/13	15:09:37.35	1.75	0.53	45.4819	17.8316	19.6	4.6	159	0.0	0.0	6	0	245	0.63	1.70	sx	BUD	44386	BUD			
2022/04/13	15:09:36.68	2.41	0.44	45.5429	17.8291	12.7	5.1	124	0.0f		8	6	240	0.58	2.77	sx	ILOC	51	ILOC			250

(#PRIME)  
(locality : Podgorje Croatia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.0	1 BUD	44386
M	1.4		1 BUD	44386

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.58	19.1	Pg	15:09:48.772	-0.0					T__		33.0		___ ML	1.3	44387	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.58	19.1	Lg	15:09:57.185	-0.1					T__				___		44391	FDSN	HU	--	BUD	BUD	HHN	???	_
MORH	0.88	40.0	Lg	15:10:08.192	0.4					T__				___		44388	FDSN	HU	--	BUD	BUD	HHN	???	_
BEHE	1.18	322.0	Lg	15:10:16.937	0.5					T__				___		44392	FDSN	HU	--	BUD	BUD	HHN	???	_
PTJ	1.35	286.3	Sn	15:10:20.905	-0.6					T__				___		44389	FDSN	CR	--	BUD	BUD	BHN	???	_
CRES	1.69	280.5	Lg	15:10:33.040	-0.4					T__				___		44390	FDSN	SL	--	BUD	BUD	BHN	???	_
PSZI	2.77	30.1	I	15:27:01.688	-0.2	210.7	-0.9	320.16	-67.0	TA_				___		57	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022hqcy Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/19	10:24:34.75	0.19	0.89	47.9518	20.0819	2.5	2.0	147	0.0	0.0	31	0	62	0.13	2.00	kx	BUD	46160	BUD			

2022/04/19 10:24:32.12 47.8987 20.0893 0.0 kx BUD\_GT 1 BUD  
 2022/04/19 10:24:32.09 1.10 1.82 47.8918 20.0947 4.4 0.7 101 0.0f 33 23 58 0.14 1.95 kx ILOC 52 ILOC 95  
 (#PRIME)  
 (locality : Recsk Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 MLv 2.1 0.2 8 BUD 46160  
 M 2.1 8 BUD 46160  
 ML 2.1 0.2 10 ILOC 52

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.14	281.3	Pg	10:24:35.696	0.0					T__		3187.5		___	ML	2.2	46161	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.14	281.3	Lg	10:24:38.563	-0.1					T__				___		46162	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.14	281.0	I	10:25:16.323	-0.1	97.8	-3.1	348.95	10.5	TA_				___		58	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.15	265.3	Pg	10:24:35.934	0.2					T__		1384.9		___	ML	1.9	46164	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.15	265.3	Lg	10:24:39.001	0.3					T__				___		46163	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU23A	0.27	157.5	Lg	10:24:46.396	3.3					T__				___		46166	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.33	272.3	Lg	10:24:45.721	1.0					T__				___		46165	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
HU02A	0.37	51.2	Pg	10:24:39.604	-0.5					T__		402.8		___	ML	1.9	46167	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.37	51.2	Lg	10:24:45.849	-0.6					T__				___		46174	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BSZH	0.60	168.8	Lg	10:24:55.348	0.6					T__				___		46177	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU01A	0.63	210.6	Lg	10:24:56.564	0.9					T__				___		46183	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.65	23.7	Lg	10:24:53.718	-1.3					T__				___		46175	FDSN	SK	--	BUD	BUD	EHE	???	_	
JOS	0.67	26.0	Pg	10:24:46.141	0.5					T__		125.6		___	ML	2.0	46182	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	26.0	Lg	10:24:54.157	-1.7					T__				___		46176	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU10A	0.73	266.7	Lg	10:24:58.058	-0.7					T__				___		46184	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU05A	0.78	115.4	Pn	10:24:49.559	0.6					T__		280.3		___	ML	2.4	46179	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU05A	0.78	115.4	Sn	10:25:01.099	-1.4					T__				___		46178	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BUD	0.83	241.0	Lg	10:25:02.459	0.0					T__				___		46185	FDSN	HU	--	BUD	BUD	HHN	???	_	
ABAH	0.87	61.8	Pn	10:24:51.911	1.6					T__		125.3		___	ML	2.1	46186	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.87	61.8	Sn	10:25:02.556	-2.3					T__				___		46180	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	1.04	306.1	Pg	10:24:53.097	0.1					T__		22.0		___	ML	1.4	46169	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.04	306.1	Lg	10:25:06.609	-1.5					T__				___		46168	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU04A	1.16	201.5	Lg	10:25:13.402	-0.2					T__				___		46171	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU09A	1.18	258.3	Lg	10:25:14.205	-0.4					T__				___		46170	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU06A	1.22	164.6	Lg	10:25:15.578	-1.9					T__				___		46187	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.53	5.0	Sn	10:25:22.860	1.1					T__				___		46181	FDSN	PL	--	BUD	BUD	BHN	???	_	
HU08A	1.54	253.4	Sn	10:25:22.408	1.2					T__				___		46188	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	1.88	248.3	Pg	10:25:09.259	-1.4					T__		58.4		___	ML	2.3	46190	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
JAVC	1.88	301.8	Pg	10:25:07.924	-1.9					T__		58.0		___	ML	2.3	46172	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	1.88	301.8	Sn	10:25:35.130	4.0					T__				___		46189	FDSN	CZ	--	BUD	BUD	HHN	???	_	
MORH	1.95	211.1	Pg	10:25:10.626	-2.4					T__		32.1		___	ML	2.1	46173	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.95	211.1	Sn	10:25:36.226	5.7					T__				___		46191	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022hrtm Hungary

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/04/20 07:54:02.68 0.28 0.48 46.9073 17.3393 3.3 2.9 75 0.0 0.0 13 0 57 0.14 1.06 sx BUD 46765 BUD  
 2022/04/20 07:54:00.86 1.63 0.89 46.9300 17.3749 12.2 7.6 59 0.0f 14 12 54 0.14 1.98 sx ILOC 53 ILOC 90  
 (#PRIME)  
 (locality : Uzsa Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 2.2 0.3 2 BUD 46765  
 M 2.2 2 BUD 46765

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BADH	0.14	151.7	Pg	07:54:04.904	0.6					T__		2074.7		___	ML	2.0	46766	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
BADH	0.14	151.7	Lg	07:54:06.863	-0.1					T__				___		46773	FDSN	HU	--	BUD	BUD	HHN	???	_	
A261A	0.16	278.2	Pg	07:54:05.163	0.5					T__		5593.2		___	ML	2.5	46772	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A261A	0.16	278.2	Lg	07:54:06.539	-1.1					T__				___		46771	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	0.27	25.0	Lg	07:54:11.475	-0.1					T__				___		46774	FDSN	HU	--	BUD	BUD	HHN	???	_	
A263A	0.29	188.1	Lg	07:54:10.993	-0.9					T__				___		46767	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
TIH	0.36	94.6	Lg	07:54:14.792	0.5					T__				___		46775	FDSN	HU	--	BUD	BUD	HHN	???	_	
EGYH	0.49	356.6	Lg	07:54:19.688	0.8					T__				___		46776	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.63	36.5	Lg	07:54:23.572	-0.4					T__				___		46777	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KOGS	0.91	238.5	Lg	07:54:31.303	0.6					T__				___		46768	FDSN	SL	--	BUD	BUD	BHN	???	_	
KOVH	0.98	149.0	Sn	07:54:34.091	-1.7					T__				___		46778	FDSN	HU	--	BUD	BUD	HHE	???	_	
HU09A	0.99	43.7	Sn	07:54:35.190	-1.3					T__				___		46770	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
RONA	1.06	316.8	Sn	07:54:37.695	-0.3					T__				___		46769	FDSN	OE	--	BUD	BUD	HHN	???	_	
PSZI	1.98	59.1	I	08:07:09.679	45.0	243.8	2.9	320.68	-90.4	_A_				___		59	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
 Event bud2022hxfl Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/23	07:37:57.84	0.48	0.92	46.1245	18.3052	5.8	3.5	168	0.0	0.0	9	0	185	0.15	1.17	sx	BUD	47626	BUD			
2022/04/23	07:37:55.92	1.67	0.66	46.1298	18.3098	8.2	4.4	127	0.0f		11	8	183	0.15	2.09	sx	ILOC	54	ILOC			239

(#PRIME)  
 (locality : Vasas Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.4 0.2 2 BUD 47626  
 M 1.4 2 BUD 47626

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	254.2	Pg	07:37:59.580	-0.0					T__		631.8		___	ML	1.5	47627	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.15	254.2	Lg	07:38:02.884	0.3					T__				___		47628	FDSN	HU	--	BUD	BUD	HHN	???	_	
MORH	0.25	69.7	Pg	07:38:01.716	0.3					T__		179.1		___	ML	1.2	47630	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	0.25	69.7	Lg	07:38:05.769	-0.1					T__				___		47633	FDSN	HU	--	BUD	BUD	HHN	???	_	
A266A	0.40	355.5	Lg	07:38:10.334	-0.6					T__				___		47631	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
A265A	0.46	309.8	Lg	07:38:13.621	0.9					T__				___		47629	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
HU22A	0.60	70.5	Lg	07:38:18.222	-0.3					T__				___		47632	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
A267A	0.83	8.2	Lg	07:38:25.692	-0.4					T__				___		47634	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	1.17	333.3	Sn	07:38:34.351	-1.3					T__				___		47635	FDSN	HU	--	BUD	BUD	HHE	???	_	
PSZI	2.09	30.6	I	07:51:06.689	0.5	212.6	0.8	325.09	-87.7	TA_				___		60	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
 Event bud2022icub Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/26	08:41:47.74	0.34	0.58	47.8979	19.3895	6.4	2.8	173	0.0	0.0	10	0	152	0.26	1.49	sx	BUD	48350	BUD			
2022/04/26	08:41:44.56	1.99	2.13	47.7661	19.3815	5.3	2.0	65	0.0f		12	9	180	0.26	1.54	sx	ILOC	55	ILOC			217

(#PRIME)

(locality : Bercel Hungary)

Magnitude Err Nsta Author OrigID  
MLv 1.6 0.3 2 BUD 48350  
M 1.6 2 BUD 48350

Sta	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	0.26	288.1	Pg	08:41:52.001	1.8					T__		667.1		___	ML	1.8	48353	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.26	288.1	Lg	08:41:55.530	0.7					T__				___		48359	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.35	70.9	Pg	08:41:53.189	0.9					T__		168.0		___	ML	1.5	48351	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.35	70.9	Lg	08:41:57.337	-0.6					T__				___		48354	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.38	66.0	I	08:43:49.726	3.1	245.0	-1.4	319.49	-14.0	TA_				___		61	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.38	66.0	Lg	08:41:59.149	-0.3					T__				___		48360	FDSN	GE	--	BUD	BUD	HHN	???	_	
VYHS	0.81	333.6	Lg	08:42:09.727	-3.4					T__				___		48355	FDSN	SK	--	BUD	BUD	HHZ	???	_	
HU02A	0.85	64.7	Lg	08:42:13.407	-2.0					T__				___		48356	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU08A	1.04	251.8	Sn	08:42:23.528	1.8					T__				___		48358	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	1.07	46.3	Sn	08:42:19.602	-2.6					T__				___		48357	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
MODS	1.54	294.1	Sn	08:42:35.426	0.9					T__				___		48352	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022iemp Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/27	07:11:29.31	0.24	0.44	47.6496	18.4856	3.4	2.4	158	0.0	0.0	18	0	61	0.07	1.62	sx	BUD	48573	BUD			
2022/04/27	07:11:27.85	1.48	2.16	47.6747	18.5444	4.8	4.6	87	0.0f		20	14	61	0.12	1.57	sx	ILOC	56	ILOC			105

(#PRIME)

(locality : Bersekbánya-II Hungary)

Magnitude Err Nsta Author OrigID  
MLv 1.8 0.2 4 BUD 48573  
M 1.8 4 BUD 48573  
ML 1.8 0.1 5 ILOC 56

Sta	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	251.8	Pg	07:11:30.566	-0.1					T__		3399.6		___	ML	2.2	48574	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU09A	0.12	251.8	Lg	07:11:31.598	-1.7					T__				___		48584	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
SRO	0.21	311.7	Pg	07:11:32.225	-0.3					T__		3960.9		___	ML	2.5	48575	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
SRO	0.21	311.7	Lg	07:11:35.765	-0.8					T__				___		48585	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU10A	0.36	61.8	Pg	07:11:37.509	1.9					T__		221.2		___	ML	1.7	48588	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.36	61.8	Lg	07:11:42.121	0.2					T__				___		48587	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
CSKK	0.37	211.8	Pg	07:11:35.889	0.3					T__		244.9		___	ML	1.7	48581	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.37	211.8	Lg	07:11:39.652	-2.5					T__				___		48580	FDSN	HU	--	BUD	BUD	HHN	???	_	
BUD	0.38	120.3	Lg	07:11:41.563	-1.0					T__				___		48586	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.49	240.1	Lg	07:11:43.289	-2.7					T__				___		48589	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
VYHS	0.84	13.3	Lg	07:11:57.592	0.2					T__				___		48576	FDSN	SK	--	BUD	BUD	HHN	???	_	
ET1H	0.92	76.6	Lg	07:12:00.591	-0.2					T__				___		48590	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.94	74.5	I	07:16:41.981	-5.8	261.2	5.7	325.76	-13.5	TA_				___		62	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.94	74.5	Lg	07:12:01.713	-0.3					T__				___		48591	FDSN	GE	--	BUD	BUD	HHN	???	_	
MODS	1.10	309.9	Lg	07:12:03.823	-3.1					T__				___		48577	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU02A	1.41	70.7	Pn	07:11:55.327	1.5					T__		31.7		___	ML	1.8	48579	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.41	70.7	Sn	07:12:16.810	2.6					T__				___		48582	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORH	1.46	177.3	Sn	07:12:14.180	-0.9					T__				___		48578	FDSN	HU	--	BUD	BUD	HHN	???	_	
JOS	1.57	57.7	Sn	07:12:19.986	2.1					T__				___		48583	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022iidz Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/29	07:23:03.16	0.86	0.15	46.1272	18.0198	12.4	4.6	151	0.0	0.0	6	0	225	0.07	0.44	sx	BUD	49731	BUD			
2022/04/29	07:23:02.68	1.68	0.83	46.0440	18.1039	8.5	4.3	125	0.0f		9	4	172	0.04	2.24	sx	ILOC	57	ILOC			291

(#PRIME)  
(locality : Bükkösd-I Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.1	2 BUD	49731
M	1.2		2 BUD	49731
ML	1.3	0.3	3 ILOC	57

Sta	Dist	EvAz	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	356.4	Pg	07:23:04.283	-0.0					T__		693.4		___	ML	1.3	49732	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.04	356.4	Lg	07:23:04.790	-1.1					T__				___		49735	FDSN	HU	--	BUD	BUD	HHN	???	_	
A273A	0.24	237.6	Pg	07:23:08.501	0.5					T__		706.3		___	ML	1.8	49733	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A273A	0.24	237.6	Lg	07:23:11.496	-0.3					T__				___		49736	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORH	0.41	65.3	Pg	07:23:11.697	0.3					T__		41.9		___	ML	1.1	49734	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	0.41	65.3	Lg	07:23:17.221	-0.9					T__				___		49737	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	2.24	32.5	I	07:37:11.935	1.2	216.0	2.2	323.28	-87.8	TA_				___		64	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022iifh Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/04/29	08:03:10.99	0.21	0.90	47.8907	19.4257	3.7	1.9	165	0.0	0.0	24	0	74	0.12	1.64	kx	BUD	49780	BUD			
2022/04/29	08:03:08.60			47.8920	19.4049				0.0							kx	BUD_GT	1	BUD			
2022/04/29	08:03:09.00	1.26	1.27	47.8670	19.4473	3.7	1.6	81	0.0f		26	18	79	0.11	1.65	kx	ILOC	58	ILOC			150

(#PRIME)  
(locality : Bercel Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	6 BUD	49780
M	1.7		6 BUD	49780
ML	1.7	0.3	7 ILOC	58

Sta	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	70.2	Pg	08:03:12.926	1.2					T__		1609.6		___	ML	1.8	49789	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.11	70.2	Lg	08:03:14.281	0.3					T__				___		49791	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
ET1H	0.29	87.4	Pg	08:03:15.048	-0.4					T__		111.3		___	ML	1.1	49792	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.29	87.4	Lg	08:03:20.148	-0.1					T__				___		49788	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU10A	0.29	265.8	Lg	08:03:19.434	-1.0					T__				___		49793	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	0.30	80.2	I	08:04:47.238	-0.1	261.2	0.7	355.90	21.2	TA_				___		65	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.31	80.1	Pg	08:03:15.556	-0.4					T__		192.7		___	ML	1.4	49787	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.31	80.1	Lg	08:03:20.795	-0.5					T__				___		49786	FDSN	GE	--	BUD	BUD	HHN	???	_	
HU01A	0.54	167.3	Lg	08:03:28.893	-0.3					T__				___		49794	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
VYHS	0.75	327.1	Pg	08:03:24.881	0.6					T__		20.4		___	ML	1.2	49790	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.75	327.1	Lg	08:03:34.470	-0.9					T__				___		49796	FDSN	SK	--	BUD	BUD	HHN	???	_	
A338A	0.75	281.8	Lg	08:03:34.108	-2.5					T__				___		49795	FDSN	Z3	00	BUD	BUD	HH2	???	_	



HU09A	0.75	252.8	Lg	08:03:34.152	-2.5	T__										49797	FDSN	ZJ	00	BUD	BUD	HHN	???	_		
HU02A	0.77	70.2	Pn	08:03:25.974	-0.1	T__					56.0					ML	1.7	49785	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.77	70.2	Lg	08:03:37.383	0.3	T__											49784	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.93	48.0	Pn	08:03:30.020	1.8	T__					104.2					ML	2.0	49781	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.93	48.0	Lg	08:03:41.469	-0.0	T__											49799	FDSN	SK	--	BUD	BUD	EHN	???	_	
CSKK	0.95	238.3	Lg	08:03:42.684	-0.6	T__											49798	FDSN	HU	--	BUD	BUD	HHN	???	_	
JOS	0.96	48.9	Pg	08:03:28.159	-0.0	T__					68.4					ML	1.9	49782	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.96	48.9	Sn	08:03:41.591	-2.6	T__											49783	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU08A	1.12	247.6	Sn	08:03:46.342	-1.8	T__											49800	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ABAH	1.28	69.7	Sn	08:03:53.395	1.7	T__											49801	FDSN	HU	--	BUD	BUD	HHN	???	_	
MPLH	1.47	242.4	Lg	08:04:00.756	1.8	T__											49802	FDSN	HU	--	BUD	BUD	HHN	???	_	
MODS	1.54	290.0	Sn	08:03:59.648	0.6	T__											49803	FDSN	SK	--	BUD	BUD	HHN	???	_	
NIE	1.65	19.7	Sn	08:04:02.507	0.6	T__											49804	FDSN	PL	--	BUD	BUD	BHN	???	_	

STOP

Event bud2022ipkw Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/03	06:49:25.76	0.36	0.83	48.2504	19.8640	4.7	3.1	137	0.0	0.0	13	0	130	0.33	0.92	sx	BUD	51248	BUD				
2022/05/03	06:49:24.20	1.63	0.55	48.2323	19.8895	5.2	1.6	178	0.0f		15	9	126	0.31	0.90	sx	ILOC	59	ILOC				206

(#PRIME)  
(locality : Bulhary Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	5 BUD	51248
M	1.5		5 BUD	51248
ML	1.5	0.2	5 ILOC	59

Sta	Dist	EVaz	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	179.4	Pg	06:49:31.223	-0.1					T__		193.1			ML	1.5	51249	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.31	179.4	Lg	06:49:36.719	-0.0					T__						51250	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.31	179.5	I	06:51:06.192	0.3	359.6	0.1	352.92	18.4	TA_						66	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.35	182.0	Pg	06:49:31.698	-0.3					T__		103.4			ML	1.3	51252	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.35	182.0	Lg	06:49:37.650	0.0					T__						51251	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU03A	0.38	210.7	Lg	06:49:38.928	0.5					T__						51253	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
HU02A	0.44	104.3	Pg	06:49:33.670	0.1					T__		66.4			ML	1.3	51255	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.44	104.3	Lg	06:49:40.681	-0.2					T__						51254	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.47	57.5	Pg	06:49:34.327	0.6					T__		134.4			ML	1.7	51256	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.47	57.5	Lg	06:49:41.448	0.4					T__						51260	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.51	58.4	Pg	06:49:34.528	0.1					T__		72.3			ML	1.6	51257	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.51	58.4	Lg	06:49:42.891	0.7					T__						51258	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
VYHS	0.75	290.8	Lg	06:49:49.597	-0.9					T__						51259	FDSN	SK	--	BUD	BUD	HHN	???	_	
ABAH	0.90	85.4	Lg	06:49:56.041	-1.2					T__						51261	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022jcfv Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2022/05/10	07:01:50.73	0.30	0.69	47.9266	19.4425	5.5	2.7	2	0.0	0.0	15	0	146	0.11	1.51	sx	BUD	53774	BUD					
2022/05/10	07:01:48.52	1.62	0.87	47.9208	19.4114	5.1	1.7	90	0.0f		17	12	150	0.13	1.49	sx	ILOC	60	ILOC					156

(#PRIME)  
(locality : Bercel Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	4 BUD	53774
M	1.8		4 BUD	53774
ML	1.7	0.2	6 ILOC	60

Sta	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	97.6	Pg	07:01:52.312	0.7					T__		2069.4		___	ML	2.0	53779	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.13	97.6	Lg	07:01:54.357	0.2					T__				___		53778	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
HU10A	0.27	254.2	Lg	07:02:00.547	1.1					T__				___		53780	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.31	97.5	Pg	07:01:55.672	0.2					T__		89.9		___	ML	1.1	53782	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.31	97.5	Lg	07:02:00.401	-0.2					T__				___		53781	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.32	90.3	I	07:03:34.493	1.1	272.3	1.6	320.35	-14.0	TA_				___		67	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.32	90.3	Pg	07:01:55.909	0.0					T__		169.2		___	ML	1.4	53775	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.32	90.3	Lg	07:02:00.401	-1.1					T__				___		53783	FDSN	GE	--	BUD	BUD	HHE	???	_	
VYHS	0.69	326.4	Lg	07:02:12.423	-0.5					T__				___		53784	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU09A	0.75	248.2	Lg	07:02:14.915	-1.1					T__				___		53785	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU02A	0.77	74.5	Pg	07:02:04.236	-0.4					T__		57.5		___	ML	1.7	53776	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.77	74.5	Lg	07:02:15.447	-1.3					T__				___		53787	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.91	51.5	Lg	07:02:19.646	-0.8					T__				___		53777	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.95	52.3	Pn	07:02:08.070	0.1					T__		42.3		___	ML	1.7	53786	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
ABAH	1.28	72.3	Pg	07:02:14.479	0.8					T__		54.2		___	ML	1.9	53788	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
JAVC	1.49	309.6	Sn	07:02:39.375	1.3					T__				___		53789	FDSN	CZ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022jegy Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Enr	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/11	07:50:37.26	0.24	0.61	47.9184	19.4465	4.5	2.4	165	0.0	0.0	18	0	115	0.10	1.14	kx	BUD	54291	BUD			
2022/05/11	07:50:35.00			47.8920	19.4049				0.0							kx	BUD_GT	1	BUD			
2022/05/11	07:50:35.24	1.38	0.78	47.9133	19.4185	4.8	1.7	89	0.0f		20	12	115	0.12	1.12	kx	ILOC	64	ILOC			155

(#PRIME)  
(locality : Bercel Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	5 BUD	54291
M	1.6		5 BUD	54291
ML	1.7	0.3	8 ILOC	64

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.12	94.4	Pg	07:50:39.163	0.9					T__		1398.5		___	ML	1.8	54293	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.12	94.4	Lg	07:50:40.316	-0.4					T__				___		54300	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
HU10A	0.28	255.9	Pg	07:50:42.886	1.6					T__		839.0		___	ML	2.0	54292	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.28	255.9	Lg	07:50:46.486	0.3					T__				___		54301	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
ET1H	0.31	96.2	Pg	07:50:41.773	-0.3					T__		110.6		___	ML	1.2	54294	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.31	96.2	Lg	07:50:46.911	-0.3					T__				___		54302	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.32	89.0	I	07:52:20.167	1.7	265.4	-4.0	327.09	-7.3	TA_				___		72	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.32	88.9	Pg	07:50:42.258	-0.3					T__		163.1		___	ML	1.4	54295	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.32	88.9	Lg	07:50:47.235	-0.8					T__				___		54296	FDSN	GE	--	BUD	BUD	HHN	???	_	
BUD	0.51	211.9	Lg	07:50:53.779	-0.6					T__				___		54303	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	0.70	326.4	Pn	07:50:51.420	-0.0					T__		26.3		___	ML	1.3	54299	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.70	326.4	Lg	07:50:59.502	-0.4					T__				___		54298	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU09A	0.75	248.9	Lg	07:51:02.031	-0.7					T__				___		54304	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

HU02A	0.77	73.9	Pg	07:50:50.349	-1.0	T__	63.3	___	ML	1.7	54297	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
KECS	0.91	51.0	Pn	07:50:54.655	0.4	T__	106.4	___	ML	2.0	54306	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.91	51.0	Lg	07:51:06.484	-0.7	T__		___			54305	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.95	51.7	Pn	07:50:55.050	0.4	T__	47.6	___	ML	1.7	54307	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.95	51.7	Lg	07:51:07.835	-0.6	T__		___			54308	FDSN	ZJ	--	BUD	BUD	HHN	???	_
HU08A	1.12	245.0	Sn	07:51:14.486	0.1	T__		___			54309	FDSN	ZJ	00	BUD	BUD	HHN	???	_

STOP  
Event bud2022jhvp Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/13	08:40:55.26	0.52	0.41	47.8326	19.1158	8.9	3.4	4	0.0	0.0	10	0	196	0.07	1.16	sx	BUD	55481	BUD			
2022/05/13	08:40:53.68	1.93	0.98	47.8544	19.1457	5.3	2.7	82	0.0f		12	7	177	0.09	1.13	sx	ILOC	66	ILOC			255

(#PRIME)  
(locality : Sejce-Vác Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.1	3 BUD	55481
M	1.4		3 BUD	55481
ML	1.4	0.1	4 ILOC	66

Sta	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	263.9	Pg	08:40:56.485	0.6					T__		587.4		___	ML	1.3	55484	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.09	263.9	Lg	08:40:57.051	-0.9					T__				___		55485	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.49	86.8	Pg	08:41:04.607	0.4					T__		48.6		___	ML	1.3	55487	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.49	86.8	Lg	08:41:11.801	-0.1					T__				___		55486	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.51	82.5	I	08:43:39.380	0.1	261.1	-2.0	322.57	-9.5	TA_				___		74	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.51	82.5	Lg	08:41:11.973	-1.0					T__				___		55488	FDSN	GE	--	BUD	BUD	HHN	???	_	
VYHS	0.67	342.2	Lg	08:41:17.274	-0.2					T__				___		55489	FDSN	SK	--	BUD	BUD	HHE	???	_	
HU02A	0.96	73.4	Pg	08:41:15.016	1.4					T__		29.7		___	ML	1.5	55483	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.96	73.4	Sn	08:41:27.323	-2.0					T__				___		55490	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	1.13	55.0	Pg	08:41:16.342	0.2					T__		48.0		___	ML	1.8	55482	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.13	55.0	Sn	08:41:32.592	-0.5					T__				___		55491	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022jzxt Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/23	06:13:38.34	0.35	0.80	47.6710	18.4444	4.8	3.8	163	0.0	0.0	10	0	124	0.05	1.05	sx	BUD	58794	BUD			
2022/05/23	06:13:36.19	1.78	1.75	47.7104	18.5586	5.2	4.7	75	0.0f		12	8	131	0.14	1.09	sx	ILOC	67	ILOC			160

(#PRIME)  
(locality : Bersekbánya-II Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	2 BUD	58794
M	1.6		2 BUD	58794
ML	1.8	0.4	4 ILOC	67

Sta	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	239.0	Pg	06:13:39.022	-0.5					T__		2005.6		___	ML	2.0	58795	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU09A	0.14	239.0	Lg	06:13:40.311	-2.2					T__				___		58802	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
SRO	0.19	302.0	Pg	06:13:40.883	0.3					T__		2149.4		___	ML	2.2	58796	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
SRO	0.19	302.0	Lg	06:13:42.936	-1.5					T__				___		58803	FDSN	SK	--	BUD	BUD	EHN	???	_	

CSKK	0.40	210.3	Pg	06:13:44.463	-0.1					T__	149.4	___	ML	1.6	58797	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.81	13.2	Pn	06:13:56.857	3.0					T__	10.5	___	ML	1.0	58804	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.90	78.7	Sn	06:14:09.935	-0.2					T__		___			58798	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZI	0.92	76.5	I	06:18:46.841	-2.4	258.3	0.8	328.53	-9.9	TA_		___			75	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.92	76.5	Sn	06:14:10.753	-0.4					T__		___			58799	FDSN	GE	--	BUD	BUD	HHE	???	_
MODS	1.09	308.1	Pg	06:13:57.612	-0.6					T__		___			58801	FDSN	SK	--	BUD	BUD	HHZ	???	_
MODS	1.09	308.1	Lg	06:14:12.460	-2.3					T__		___			58800	FDSN	SK	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022kagz Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/23	10:53:29.16	0.58	0.57	46.3890	23.2502	8.1	4.1	58	0.0	0.0	10	0	201	0.55	1.36	sx	BUD	58925	BUD			
2022/05/23	10:53:27.14	2.11	0.82	46.4183	23.2310	12.6	4.8	38	0.0f		12	6	202	0.52	2.73	sx	ILOC	68	ILOC			240

(#PRIME)  
(locality : Rosia-Poieni Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.1	5 BUD	58925
M	1.6		5 BUD	58925
ML	1.6	0.1	5 ILOC	68

Sta	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	0.52	316.4	Pn	10:53:40.053	-1.7					T__		55.0		___	ML	1.5	58926	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.52	316.4	Lg	10:53:47.134	0.9					T__				___		58932	FDSN	RO	--	BUD	BUD	HHN	???	_	
LOT	1.04	158.6	Pn	10:53:48.125	-0.6					T__		46.6		___	ML	1.7	58931	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
LOT	1.04	158.6	Lg	10:54:02.528	0.3					T__				___		58933	FDSN	RO	--	BUD	BUD	HHN	???	_	
GZR	1.07	197.4	Pn	10:53:48.894	-0.1					T__		35.7		___	ML	1.6	58928	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	1.07	197.4	Lg	10:54:03.337	0.8					T__				___		58934	FDSN	RO	--	BUD	BUD	HHN	???	_	
SIRR	1.10	262.7	Pn	10:53:48.894	-0.0					T__		26.8		___	ML	1.5	58927	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
SIRR	1.10	262.7	Sn	10:54:04.875	-0.9					T__				___		58935	FDSN	RO	--	BUD	BUD	HHN	???	_	
BZS	1.38	235.1	Pg	10:53:53.668	-0.2					T__		38.5		___	ML	1.9	58930	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
BZS	1.38	235.1	Sn	10:54:12.845	0.3					T__				___		58929	FDSN	RO	--	BUD	BUD	HHN	???	_	
PSZI	2.73	304.6	I	11:10:36.804	-0.4	120.9	-1.3	326.33	-63.0	TA_				___		76	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022kbvv Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/24	07:31:19.56	0.34	0.65	47.3457	18.3867	4.1	3.3	141	0.0	0.0	10	0	109	0.09	1.27	sx	BUD	59144	BUD			
2022/05/24	07:31:16.56	2.04	1.19	47.3788	18.4631	5.6	5.0	154	0.0f		12	10	112	0.14	1.31	sx	ILOC	69	ILOC			129

(#PRIME)  
(locality : Gánt Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.0	1 BUD	59144
M	1.7		1 BUD	59144

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.14	263.6	Pg	07:31:19.674	-0.3					T__		1426.7		_c_	ML	1.8	59145	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.14	263.6	Lg	07:31:21.637	-1.5					T__				___		59146	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	0.27	348.2	Lg	07:31:28.594	1.2					T__				___		59147	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU08A	0.37	278.4	Lg	07:31:30.321	-0.5					T__				___		59150	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

MPLH	0.66	252.0	Lg	07:31:39.563	-0.6					T__						59151	FDSN	HU	--	BUD	BUD	HHN	???	_
ET1H	1.08	61.8	Lg	07:31:56.410	1.4					T__						59152	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZI	1.11	60.3	I	07:37:38.375	-2.3	245.6	4.2	320.90	-27.8	TA_						77	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	1.11	60.3	Lg	07:31:57.151	0.6					T__						59148	FDSN	GE	--	BUD	BUD	HHN	???	_
VYHS	1.14	12.5	Sn	07:31:57.603	0.8					T__						59154	FDSN	SK	--	BUD	BUD	HHN	???	_
MORH	1.17	173.9	Sn	07:31:56.532	-0.0					T__						59153	FDSN	HU	--	BUD	BUD	HHE	???	_
KOVH	1.31	191.1	Sn	07:31:59.926	-0.2					T__						59149	FDSN	HU	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022kbbx Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/24	08:18:37.90	0.33	1.12	48.5321	17.4929	5.0	3.0	124	0.0	0.0	12	0	125	0.21	1.25	sx	BUD	59176	BUD			
2022/05/24	08:18:33.88	1.42	1.01	48.4661	17.6562	7.2	4.7	16	0.0f		14	9	121	0.27	1.59	sx	ILOC	70	ILOC			142

(#PRIME)  
(locality : Trstin Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	2 BUD	59176
M	1.5		2 BUD	59176

Sta	Dist	EvAz	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	250.0	Pg	08:18:39.312	-0.5					T__						59177	FDSN	SK	--	BUD	BUD	HHZ	???	_
MODS	0.27	250.0	Lg	08:18:43.895	-0.7					T__						59178	FDSN	SK	--	BUD	BUD	HHE	???	_
JAVC	0.39	1.4	Pg	08:18:43.091	0.8					T__		175.7		ML	1.6	59180	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.39	1.4	Lg	08:18:48.971	0.1					T__						59183	FDSN	CZ	--	BUD	BUD	HHN	???	_
ZST	0.46	234.0	Pn	08:18:47.474	-0.2					T__						59179	FDSN	SK	--	BUD	BUD	HHZ	???	_
ZST	0.46	234.0	Lg	08:18:52.404	1.7					T__						59184	FDSN	SK	--	BUD	BUD	HHN	???	_
VYHS	0.79	87.5	Sn	08:19:07.273	1.8					T__						59187	FDSN	SK	--	BUD	BUD	HHN	???	_
KRUC	1.03	306.0	Pn	08:18:55.409	0.5					T__		25.3		ML	1.5	59186	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
KRUC	1.03	306.0	Lg	08:19:07.241	-1.4					T__						59185	FDSN	CZ	--	BUD	BUD	HHN	???	_
RONA	1.19	230.4	Sn	08:19:15.593	0.7					T__						59181	FDSN	OE	--	BUD	BUD	HHN	???	_
MORC	1.31	356.8	Sn	08:19:18.354	-0.4					T__						59188	FDSN	CZ	--	BUD	BUD	HHN	???	_
CONA	1.32	246.5	Lg	08:19:17.419	0.7					T__						59182	FDSN	OE	--	BUD	BUD	HHN	???	_
PSZI	1.59	109.3	I	08:28:18.717	-0.6	294.3	3.3	339.08	-49.8	TA_						78	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022kbbx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/24	09:35:26.27	0.31	0.77	47.5504	18.4452	4.8	3.0	112	0.0	0.0	12	0	105	0.10	1.34	kx	BUD	59302	BUD				
2022/05/24	09:35:24.20			47.5600	18.4573				0.0								kx	BUD_GT	1	BUD			
2022/05/24	09:35:24.25	1.63	1.41	47.5683	18.5090	5.1	4.9	103	0.0f		14	9	107	0.11	1.36	kx	ILOC	71	ILOC			150	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	4 BUD	59302
M	1.5		4 BUD	59302
ML	1.6	0.0	5 ILOC	71

Sta	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	309.4	Pg	09:35:27.553	0.5	T__	2483.3	___	ML	2.0	59303	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_	
HU09A	0.11	309.4	Lg	09:35:29.357	-0.3	T__		___			59313	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
CSKK	0.27	219.5	Pg	09:35:30.091	0.0	T__	399.4	___	ML	1.6	59304	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_	
CSKK	0.27	219.5	Lg	09:35:33.510	-1.6	T__		___			59306	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU10A	0.44	51.0	Lg	09:35:41.802	0.7	T__		___			59314	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	0.77	239.2	Pg	09:35:39.036	-0.8	T__	52.7	___	ML	1.6	59307	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_	
MPLH	0.77	239.2	Lg	09:35:49.900	-1.4	T__		___			59308	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	0.95	13.2	Pn	09:35:43.822	-0.2	T__	19.6	___	ML	1.3	59305	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_	
VYHS	0.95	13.2	Lg	09:35:57.734	0.2	T__		___			59309	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZI	1.00	69.0	I	09:41:02.605	-2.9	254.3	4.3	336.32	-5.7	TA_										
PSZ	1.00	69.0	Pg	09:35:47.469	2.1	T__	28.4	___	ML	1.5	59310	FDSN	GE	--	BUD	BUD	BDF	???	_	
MODS	1.16	314.7	Sn	09:36:03.729	-1.0	T__		___			59311	FDSN	SK	--	BUD	BUD	HHE	???	_	
MORH	1.36	176.1	Sn	09:36:10.142	1.2	T__		___			59312	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022kdta Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/25	08:22:10.17	0.91	0.79	47.8052	20.1330	11.2	3.5	161	0.0	0.0	13	0	245	0.19	1.11	sx	BUD	59548	BUD			
2022/05/25	08:22:10.06	1.63	0.71	47.8956	20.0844	5.1	0.7	100	0.0f		15	8	211	0.13	1.03	sx	ILOC	73	ILOC			236

(#PRIME)  
(locality : Recsk Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	5 BUD	59548
M	1.5		5 BUD	59548
ML	1.4	0.0	6 ILOC	73

Sta	Dist	EVaz	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	280.2	Pg	08:22:13.563	0.1					T__		1294.6		___	ML	1.8	59549	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.13	280.2	Lg	08:22:16.031	-0.4					T__				___		59550	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.13	279.9	I	08:22:51.810	-0.1	94.4	-5.4	347.83	9.1	TA_				___		83	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.14	263.5	Pg	08:22:13.583	-0.0					T__		469.8		___	ML	1.4	59551	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.14	263.5	Lg	08:22:15.991	-0.5					T__				___		59560	FDSN	HU	--	BUD	BUD	HHE	???	_	
HU03A	0.33	271.6	Pg	08:22:17.741	0.6					T__		154.4		___	ML	1.4	59552	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.33	271.6	Lg	08:22:23.081	0.6					T__				___		59553	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU02A	0.37	52.4	Pg	08:22:17.478	-0.7					T__		127.0		___	ML	1.4	59555	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.37	52.4	Lg	08:22:24.052	-0.5					T__				___		59554	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
KECS	0.65	24.4	Lg	08:22:33.681	0.7					T__				___		59556	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.67	26.7	Pg	08:22:23.465	-0.1					T__		49.0		___	ML	1.6	59557	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	26.7	Lg	08:22:34.086	0.2					T__				___		59561	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
VYHS	1.03	306.1	Pg	08:22:31.861	1.0					T__		14.3		___	ML	1.2	59558	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.03	306.1	Lg	08:22:44.160	-1.7					T__				___		59559	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022kjdw Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/28	07:32:20.63	0.52	0.48	46.1259	18.3010	9.2	4.3	155	0.0	0.0	5	0	185	0.14	0.42	sx	BUD	60456	BUD			
2022/05/28	07:32:19.25	1.85	0.45	46.1419	18.2933	14.3	8.4	5	0.0f		6	4	175	0.14	2.09	sx	ILOC	75	ILOC			283

(#PRIME)  
(locality : Vasas Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.4 0.2 2 BUD 60456  
 M 1.4 2 BUD 60456

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.14	248.3	Pg	07:32:22.970	0.2					T__		660.9		___	ML	1.5	60458	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.14	248.3	Lg	07:32:25.270	-0.4					T__				___		60459	FDSN	HU	--	BUD	BUD	HHN	???	_	
MORH	0.25	73.2	Pg	07:32:25.124	0.2					T__		200.1		___	ML	1.3	60461	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	0.25	73.2	Lg	07:32:28.849	-0.6					T__				___		60460	FDSN	HU	--	BUD	BUD	HHN	???	_	
A266A	0.38	357.1	Lg	07:32:33.670	-0.1					T__				___		60457	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	2.09	31.1	I	07:43:51.288	-96.4	212.5	0.3	322.24	-90.5	_A_				___		85	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
 Event bud2022kmwh Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/30	08:15:01.47	0.34	0.38	47.1046	17.9373	4.4	3.4	77	0.0	0.0	9	0	94	0.21	1.02	sx	BUD	60837	BUD			
2022/05/30	08:14:59.46	2.08	1.24	47.1072	18.0078	16.4	6.9	58	0.0f		10	8	80	0.22	1.51	sx	ILOC	76	ILOC			149

(#PRIME)  
 (locality : Királyszentistván Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.1 0.0 1 BUD 60837  
 M 1.1 1 BUD 60837

Sta	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	200.8	Pg	08:15:04.984	0.5					T__		953.3		___	ML	1.9	60838	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TIH	0.22	200.8	Lg	08:15:07.632	-0.8					T__				___		60841	FDSN	HU	--	BUD	BUD	HHN	???	_	
CSKK	0.31	33.8	Lg	08:15:11.813	-0.2					T__				___		60839	FDSN	HU	--	BUD	BUD	HHN	???	_	
MPLH	0.33	281.3	Pg	08:15:07.723	1.2					T__		104.4		___	ML	1.2	60846	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.33	281.3	Lg	08:15:09.695	-2.4					T__				___		60845	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.33	350.0	Lg	08:15:11.525	-1.0					T__				___		60842	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
A267A	0.36	116.2	Lg	08:15:13.455	-0.0					T__				___		60843	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
MORH	0.99	153.6	Sn	08:15:34.659	-0.3					T__				___		60844	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOVH	1.02	176.4	Sn	08:15:34.345	-1.3					T__				___		60840	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.51	56.9	I	08:23:12.943	-58.0	237.5	-0.8	316.93	-65.2	_A_				___		86	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
 Event bud2022kmzr Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/30	09:58:04.66	0.47	0.53	47.8722	18.8465	5.0	4.2	153	0.0	0.0	9	0	127	0.12	1.13	sx	BUD	60943	BUD			
2022/05/30	09:58:02.48	2.19	0.97	47.8838	18.8695	5.7	3.6	87	0.0f		11	8	125	0.11	1.15	sx	ILOC	77	ILOC			214

(#PRIME)  
 (locality : Márianosztra Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.7 0.1 2 BUD 60943  
 M 1.7 2 BUD 60943

Sta	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	111.0	Pg	09:58:06.226	1.1					T__		1365.3		___	ML	1.7	60944	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.11	111.0	Lg	09:58:08.828	1.3					T__				___		60945	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

BUD	0.41	165.3	Lg	09:58:17.406	-1.0					T__						60948	FDSN	HU	--	BUD	BUD	HHN	???	_
HU03A	0.49	87.4	Lg	09:58:20.559	-0.1					T__						60949	FDSN	ZJ	00	BUD	BUD	HHN	???	_
VYHS	0.61	357.9	Lg	09:58:24.728	0.6					T__						60950	FDSN	SK	--	BUD	BUD	HHN	???	_
ET1H	0.67	90.0	Lg	09:58:27.306	0.3					T__						60946	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZI	0.69	86.8	I	10:01:50.307	-0.6	268.3	0.8	319.34	-13.1	TA_						87	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.69	86.7	Pn	09:58:18.255	-0.4					T__	51.5		ML	1.6	60947	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_	
PSZ	0.69	86.7	Lg	09:58:26.559	-1.4					T__						60951	FDSN	GE	--	BUD	BUD	HHN	???	_
MPLH	1.15	232.1	Lg	09:58:41.079	-0.9					T__						60952	FDSN	HU	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022kosn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/05/31	08:37:27.37	0.28	0.72	47.3546	18.3795	3.3	2.8	127	0.0	0.0	14	0	108	0.08	1.28	sx	BUD	61248	BUD			
2022/05/31	08:37:24.42	1.74	1.57	47.3855	18.4572	5.4	4.8	150	0.0f		16	13	111	0.14	1.32	sx	ILOC	79	ILOC			115

(#PRIME)  
(locality : Gánt Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.1	2 BUD	61248
M	1.8		2 BUD	61248

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.14	260.5	Pg	08:37:27.151	-0.6					T__		2194.3			ML	2.0	61249	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.14	260.5	Lg	08:37:28.913	-2.0					T__						61252	FDSN	HU	--	BUD	BUD	HHE	???	_	
HU09A	0.26	348.7	Lg	08:37:36.299	1.3					T__						61250	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU08A	0.37	277.4	Lg	08:37:37.594	-1.0					T__						61253	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
A267A	0.44	177.8	Lg	08:37:39.508	-1.5					T__						61254	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
HU10A	0.60	39.3	Lg	08:37:48.481	1.7					T__						61256	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	0.66	251.3	Lg	08:37:47.273	-0.7					T__						61255	FDSN	HU	--	BUD	BUD	HHN	???	_	
ET1H	1.08	62.2	Lg	08:38:04.236	1.4					T__						61251	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.11	60.7	I	08:43:44.728	-3.9	244.6	2.8	322.16	-26.6	TA_						89	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.11	60.7	Pg	08:37:48.259	0.5					T__		39.6			ML	1.7	61259	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	1.11	60.7	Lg	08:38:05.039	0.6					T__						61258	FDSN	GE	--	BUD	BUD	HHE	???	_	
VYHS	1.14	12.8	Sn	08:38:05.323	0.8					T__						61260	FDSN	SK	--	BUD	BUD	HHN	???	_	
MORH	1.18	173.7	Sn	08:38:04.346	-0.3					T__						61257	FDSN	HU	--	BUD	BUD	HHE	???	_	
MODS	1.27	321.7	Lg	08:38:08.903	-0.3					T__						61261	FDSN	SK	--	BUD	BUD	HHN	???	_	
KOVH	1.32	190.9	Sn	08:38:09.202	1.0					T__						61262	FDSN	HU	--	BUD	BUD	HHE	???	_	

STOP  
Event bud2022kowm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/05/31	10:36:57.93	0.44	0.66	47.5673	18.3455	12.8	3.7	112	0.0	0.0	7	0	183	0.08	0.98	kx	BUD	61326	BUD				
2022/05/31	10:36:55.88			47.5600	18.4573				0.0								kx	BUD_GT	1	BUD			
2022/05/31	10:36:55.94	2.06	1.71	47.5696	18.5077	5.3	5.1	81	0.0f		9	5	150	0.11	1.00	kx	ILOC	80	ILOC			240	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.1	2 BUD	61326
M	1.2		2 BUD	61326



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
ML	1.4	0.4	3	ILOC	80																				
HU09A	0.11	309.2	Pg	10:36:58.393	-0.3					T__		1768.5		---	ML	1.9	61327	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU09A	0.11	309.2	Lg	10:36:59.534	-1.7					T__				---		61328	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
CSKK	0.27	219.2	Pg	10:37:01.722	-0.0					T__		211.7		---	ML	1.4	61329	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.27	219.2	Lg	10:37:04.780	-2.0					T__				---		61332	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU10A	0.44	51.2	Lg	10:37:14.792	2.0					T__				---		61330	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
VYHS	0.95	13.3	Pn	10:37:16.852	1.2					T__		12.5		---	ML	1.1	61333	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.95	13.3	Sn	10:37:30.903	-0.5					T__				---		61331	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZI	1.00	69.1	I	10:42:35.206	-2.1	252.7	2.6	323.74	-18.3	TA_				---		90	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP

Event bud2022kqre Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/01	10:12:06.58	0.39	0.49	48.8434	21.6129	6.9	3.3	170	0.0	0.0	11	0	133	0.44	1.03	sx	BUD	61791	BUD			
2022/06/01	10:12:04.67	1.77	1.46	48.7839	21.6401	12.0	7.1	43	0.0f		12	7	123	0.44	1.45	sx	ILOC	1	ILOC			190

(#PRIME)  
(locality : Vechec Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	4 BUD	61791
M	1.6		4 BUD	61791
ML	1.7	0.0	5 ILOC	1

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOLS	0.44	70.1	Pn	10:12:14.842	-3.5					T__				---		61794	FDSN	SK	--	BUD	BUD	HHZ	???	_	
KOLS	0.44	70.1	Lg	10:12:20.449	-0.3					T__				---		61797	FDSN	SK	--	BUD	BUD	HHN	???	_	
JOS	0.78	248.9	Pn	10:12:21.271	-0.6					T__		47.9		---	ML	1.6	61798	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.78	248.9	Lg	10:12:32.375	0.4					T__				---		61799	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.82	249.0	Pn	10:12:23.045	0.7					T__		91.8		---	ML	1.9	61793	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.82	249.0	Lg	10:12:33.047	-0.2					T__				---		61800	FDSN	SK	--	BUD	BUD	EHN	???	_	
TRPA	0.89	137.2	Pn	10:12:24.220	0.9					T__		49.7		---	ML	1.7	61795	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TRPA	0.89	137.2	Sn	10:12:37.887	-1.0					T__				---		61801	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.99	228.7	Pg	10:12:25.560	0.5					T__		45.7		---	ML	1.7	61792	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.99	228.7	Sn	10:12:39.475	-1.9					T__				---		61802	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.09	306.3	Pn	10:12:27.045	0.7					T__		19.1		---	ML	1.4	61796	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
PSZI	1.45	234.0	I	10:21:54.886	64.7	52.2	-0.5	337.37	-39.5	A_				---		91	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP

Event bud2022ksma Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/02	09:53:14.09	1.16	0.40	47.7641	19.0722	14.7	4.0	26	0.0	0.0	10	0	258	0.09	0.75	sx	BUD	62225	BUD			
2022/06/02	09:53:13.34	1.83	0.47	47.8290	19.1277	5.3	2.7	78	0.0f		12	6	198	0.08	0.69	sx	ILOC	81	ILOC			259

(#PRIME)  
(locality : Sejce-Vác Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.2	5 BUD	62225
M	1.1		5 BUD	62225
ML	1.0	0.1	5 ILOC	81

Sta	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	282.5	Pg	09:53:15.869	0.5					T__		818.2		___	ML	1.4	62227	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.08	282.5	Lg	09:53:16.663	-0.6					T__				___		62228	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.33	76.6	Pg	09:53:20.848	0.4					T__		55.3		___	ML	1.0	62229	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.33	76.6	Lg	09:53:25.537	-0.3					T__				___		62230	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
ET1H	0.50	84.0	Pg	09:53:24.731	0.5					T__		16.4		___	ML	0.9	62232	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.50	84.0	Lg	09:53:31.739	-0.3					T__				___		62231	FDSN	HU	--	BUD	BUD	HHE	???	_	
PSZI	0.52	79.9	I	09:56:03.923	-0.4	263.4	2.9	322.33	-9.6	TA_				___		92	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.52	79.9	Pg	09:53:25.184	0.4					T__		27.1		___	ML	1.2	62233	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.52	79.9	Lg	09:53:33.133	-0.0					T__				___		62234	FDSN	GE	--	BUD	BUD	HHN	???	_	
VYHS	0.69	343.8	Pn	09:53:28.789	-0.7					T__		12.9		___	ML	1.0	62226	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.69	343.8	Lg	09:53:37.689	-0.1					T__				___		62235	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022kuev Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/03	08:30:40.01	0.20	0.75	48.2179	18.8083	2.6	2.2	146	0.0	0.0	26	0	38	0.28	1.77	sx	BUD	62601	BUD				
2022/06/03	08:30:37.89	1.30	0.99	48.1914	18.7959	4.9	3.8	112	0.0f	28	22	38	0.30	1.79	sx	ILOC	82	ILOC				69	

(#PRIME)  
(locality : Hontianske-Trstany Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	6 BUD	62601
M	1.8		6 BUD	62601
ML	1.8	0.2	8 ILOC	82

Sta	Dist	EvAz	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	5.1	Pg	08:30:44.342	0.0					T__		212.8		___	ML	1.5	62609	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.30	5.1	Lg	08:30:50.330	1.3					T__				___		62608	FDSN	SK	--	BUD	BUD	HHN	???	_	
A338A	0.35	239.5	Lg	08:30:52.434	1.3					T__				___		62604	FDSN	Z3	00	BUD	BUD	HH2	???	_	
HU10A	0.38	156.6	Lg	08:30:53.486	1.2					T__				___		62602	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
SRO	0.50	220.8	Lg	08:30:56.341	-0.2					T__				___		62610	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU03A	0.61	117.8	Lg	08:31:00.606	0.6					T__				___		62603	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU09A	0.62	206.8	Lg	08:31:00.073	-0.7					T__				___		62611	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BUD	0.72	167.7	Lg	08:31:04.672	0.2					T__				___		62612	FDSN	HU	--	BUD	BUD	HHE	???	_	
PSZI	0.79	110.0	I	08:35:00.776	0.5	291.8	1.0	329.57	-4.5	TA_				___		93	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.79	109.9	Pg	08:30:54.457	-0.1					T__		63.0		___	ML	1.7	62606	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.79	109.9	Lg	08:31:05.785	-0.8					T__				___		62607	FDSN	GE	--	BUD	BUD	HHN	???	_	
ET1H	0.79	113.0	Pg	08:30:53.809	-0.6					T__		39.3		___	ML	1.5	62605	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.90	203.7	Lg	08:31:10.067	-0.5					T__				___		62613	FDSN	HU	--	BUD	BUD	HHE	???	_	
HU08A	0.96	218.0	Lg	08:31:12.077	0.1					T__				___		62614	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JAVC	1.00	312.2	Pg	08:30:58.227	-0.1					T__		117.3		___	ML	2.1	62616	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	1.00	312.2	Lg	08:31:12.307	-1.4					T__				___		62615	FDSN	CZ	--	BUD	BUD	HHN	???	_	
MODS	1.03	280.8	Lg	08:31:13.441	-1.0					T__				___		62617	FDSN	SK	--	BUD	BUD	HHN	???	_	
ZST	1.13	270.9	Lg	08:31:16.258	-1.2					T__				___		62618	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU02A	1.16	92.8	Pg	08:31:01.627	-0.0					T__		52.0		___	ML	1.9	62620	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
KECS	1.16	74.9	Sn	08:31:16.865	-1.5					T__				___		62619	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	1.20	74.7	Pn	08:31:00.951	0.0					T__		46.4		___	ML	1.8	62621	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.20	74.7	Sn	08:31:17.782	-1.5					T__				___		62622	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
EGYH	1.25	232.4	Lg	08:31:21.088	0.3					T__				___		62623	FDSN	HU	--	BUD	BUD	HHN	???	_	
MPLH	1.33	220.2	Lg	08:31:22.821	-0.3					T__				___		62624	FDSN	HU	--	BUD	BUD	HHN	???	_	

NIE	1.58	38.4	Pg	08:31:08.386	0.7	T__					15.7	___	ML	1.6	62626	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.58	38.4	Lg	08:31:31.690	-2.0	T__						---			62627	FDSN	PL	--	BUD	BUD	BHN	???	_
MORC	1.79	333.0	Pn	08:31:11.484	2.0	T__					33.0	---	ML	2.0	62625	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_

STOP  
Event bud2022kukf Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/03	11:14:06.69	0.35	0.74	46.3063	23.1558	4.6	3.7	78	0.0	0.0	11	0	107	0.57	1.26	sx	BUD	62804	BUD			
2022/06/03	11:14:05.47	1.76	1.27	46.3391	23.0808	10.1	4.7	41	0.0f		13	7	102	0.52	2.69	sx	ILOC	83	ILOC			180

(#PRIME)  
(locality : Rosia-Poieni Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	5 BUD	62804
M	1.5		5 BUD	62804
ML	1.5	0.1	5 ILOC	83

Sta	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	0.52	330.7	Pg	11:14:16.871	0.8					T__		39.0		___	ML	1.3	62805	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.52	330.7	Lg	11:14:24.639	-0.0					T__				---		62806	FDSN	RO	--	BUD	BUD	HHN	???	_	
GZR	0.97	192.8	Pn	11:14:25.286	-0.5					T__		33.9		___	ML	1.6	62812	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	0.97	192.8	Lg	11:14:38.597	1.1					T__				---		62813	FDSN	RO	--	BUD	BUD	HHN	???	_	
SIRR	0.99	266.4	Pn	11:14:26.904	1.2					T__		22.1		---	ML	1.4	62808	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
SIRR	0.99	266.4	Sn	11:14:40.256	-1.1					T__				---		62807	FDSN	RO	--	BUD	BUD	HHN	???	_	
LOT	1.01	151.4	Pg	11:14:23.991	-0.9					T__		44.5		---	ML	1.7	62815	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
LOT	1.01	151.4	Lg	11:14:37.019	-2.6					T__				---		62814	FDSN	RO	--	BUD	BUD	HHE	???	_	
ARCR	1.15	49.1	Lg	11:14:44.221	-0.3					T__				---		62809	FDSN	RO	--	BUD	BUD	HHE	???	_	
BZS	1.25	235.2	Pg	11:14:30.546	0.8					T__		20.4		---	ML	1.5	62811	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
BZS	1.25	235.2	Sn	11:14:46.486	-1.2					T__				---		62810	FDSN	RO	--	BUD	BUD	HHN	???	_	
PSZI	2.69	307.1	I	11:31:00.420	-1.3	126.2	1.4	319.85	-71.5	TA_				---		94	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022lbsy Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/07	11:35:42.62	0.46	0.42	46.1083	21.6779	7.1	3.7	86	0.0	0.0	8	0	173	0.16	1.61	sx	BUD	63885	BUD			
2022/06/07	11:35:41.33	1.85	1.08	46.1360	21.6899	9.8	4.3	59	0.0f		10	6	140	0.13	2.17	sx	ILOC	84	ILOC			192

(#PRIME)  
(locality : Lipova Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.3	3 BUD	63885
M	1.3		3 BUD	63885
ML	1.1	0.0	3 ILOC	84

Sta	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	350.9	Pg	11:35:45.616	1.0					T__		276.8		___	ML	1.1	63886	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
SIRR	0.13	350.9	Lg	11:35:47.480	0.1					T__				---		63888	FDSN	RO	--	BUD	BUD	HHN	???	_	
BZS	0.52	185.7	Pg	11:35:51.819	0.2					T__		22.6		___	ML	1.1	63887	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
BZS	0.52	185.7	Lg	11:35:58.565	-0.7					T__				---		63889	FDSN	RO	--	BUD	BUD	HHN	???	_	
DRGR	0.96	46.7	Sn	11:36:14.531	-2.5					T__				---		63890	FDSN	RO	--	BUD	BUD	HHN	???	_	
GZR	1.06	133.9	Pg	11:36:01.717	0.1					T__		32.8		___	ML	1.6	63892	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_

GZR	1.06	133.9	Lg	11:36:16.768	0.4					T__						63891	FDSN	RO	--	BUD	BUD	HHN	???	_
LOT	1.61	114.6	Sn	11:36:33.243	0.2					T__						63893	FDSN	RO	--	BUD	BUD	HHE	???	_
PSZI	2.17	326.1	I	11:49:20.023	-0.5	143.4	-1.4	323.59	-88.8	TA_						95	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud20221doc Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/08	11:25:57.45	0.69	0.89	47.8683	20.1529	10.2	2.7	159	0.0	0.0	15	0	209	0.18	1.08	sx	BUD	64283	BUD				
2022/06/08	11:25:55.53	1.56	0.51	47.8743	20.1507	5.1	0.9	104	0.0f		17	10	208	0.18	1.08	sx	ILOC	85	ILOC			222	

(#PRIME)  
(locality : Kismána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	5 BUD	64283
M	1.7		5 BUD	64283
ML	1.6	0.2	6 ILOC	85

Sta	Dist	EvAz	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	284.4	Pg	11:26:00.384	0.5					T__		1030.8		___	ML	1.8	64284	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	284.4	Lg	11:26:03.135	-0.4					T__				___		64285	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.18	284.2	I	11:26:52.849	-0.1	104.8	0.7	329.81	-7.7	TA_				___		96	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.19	271.6	Pg	11:26:00.262	0.3					T__		753.3		___	ML	1.7	64286	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	271.6	Lg	11:26:03.378	-0.0					T__				___		64298	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.35	45.2	Pg	11:26:03.449	0.2					T__		155.1		___	ML	1.5	64287	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.35	45.2	Lg	11:26:08.809	-0.5					T__				___		64290	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.37	274.8	Lg	11:26:10.093	0.5					T__				___		64291	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.65	20.1	Pg	11:26:09.164	0.5					T__		97.7		___	ML	1.9	64289	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.65	20.1	Lg	11:26:18.732	0.2					T__				___		64292	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.67	22.6	Pg	11:26:09.153	0.1					T__		42.3		___	ML	1.5	64288	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	22.6	Lg	11:26:19.470	0.1					T__				___		64293	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU10A	0.76	268.2	Lg	11:26:22.990	-0.5					T__				___		64294	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
ABAH	0.84	59.6	Sn	11:26:26.669	-1.1					T__				___		64295	FDSN	HU	--	BUD	BUD	HHE	???	_	
VYHS	1.08	305.7	Pg	11:26:17.372	0.1					T__		12.6		___	ML	1.2	64297	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.08	305.7	Lg	11:26:32.099	-0.9					T__				___		64296	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud20221fna Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/09	13:09:17.99	1.54	0.45	47.8364	20.1862	19.7	4.4	155	0.0	0.0	6	0	243	0.21	0.70	sx	BUD	64709	BUD				
2022/06/09	13:09:16.83	2.29	0.54	47.8806	20.1603	5.6	1.0	102	0.0f		8	5	224	0.18	0.67	sx	ILOC	86	ILOC			247	

(#PRIME)  
(locality : Kismána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	0.6	0.2	2 BUD	64709
M	0.6		2 BUD	64709

Sta	Dist	EvAz	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	282.0	Pg	13:09:21.819	0.5					T__		62.5		___	ML	0.6	64710	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	282.0	Lg	13:09:24.287	-0.7					T__				___		64712	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.18	281.8	I	13:10:15.447	-0.4	104.1	2.5	333.53	-3.8	TA_				___		97	FDSN	HN	--	BUD	BUD	BDF	???	_	

ET1H	0.19	269.7	Pg	13:09:21.909	0.5	T__	36.9	___	ML	0.4	64711	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	269.7	Lg	13:09:25.053	0.1	T__		___			64713	FDSN	HU	--	BUD	BUD	HHN	???	_
HU02A	0.34	45.2	Lg	13:09:29.942	-0.4	T__		___			64714	FDSN	ZJ	00	BUD	BUD	HHN	???	_
JOS	0.67	22.3	Lg	13:09:39.947	-0.4	T__		___			64715	FDSN	ZJ	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022lhcd Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/10	09:55:46.74	0.43	0.79	47.8873	16.0742	5.0	4.4	54	0.0	0.0	7	0	131	0.15	1.19	sx	BUD	64915	BUD			
2022/06/10	09:55:44.40	2.86	2.01	47.9418	16.2393	23.0	4.6	178	0.0f		8	6	98	0.25	2.46	sx	ILOC	87	ILOC			182

(#PRIME)  
(locality : Rohrbach Austria)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.0	1 BUD	64915
M	1.1		1 BUD	64915

Sta	Dist	EvAz	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	171.0	Pg	09:55:50.431	0.9					T__						64919	FDSN	OE	--	BUD	BUD	HHZ	???	_	
RONA	0.25	171.0	Lg	09:55:54.234	1.1					T__						64918	FDSN	OE	--	BUD	BUD	HHN	???	_	
CONA	0.25	267.1	Pg	09:55:48.691	-1.0					T__	241.4			___	ML	1.4	64916	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	0.25	267.1	Lg	09:55:51.139	-2.1					T__						64917	FDSN	OE	--	BUD	BUD	HHN	???	_	
ARSA	0.84	215.3	Lg	09:56:11.652	0.3					T__						64920	FDSN	OE	--	BUD	BUD	HHN	???	_	
A019A	0.92	237.9	Lg	09:56:12.153	-2.0					T__						64921	FDSN	Z3	00	BUD	BUD	HH2	???	_	
KRUC	1.13	5.2	Sn	09:56:25.790	2.6					T__						64922	FDSN	CZ	--	BUD	BUD	HHN	???	_	
PSZI	2.46	89.2	I	10:11:13.678	-1.3	261.9	-10.0	323.63	-79.6	T__						98	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022mcwu Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/22	08:12:28.06	0.31	0.76	48.7728	18.7533	4.0	3.1	36	0.0	0.0	18	0	140	0.28	1.45	sx	BUD	69075	BUD			
2022/06/22	08:12:27.05	1.45	1.52	48.6852	18.7567	5.3	5.0	38	0.0f		20	15	134	0.20	1.37	sx	ILOC	88	ILOC			174

(#PRIME)  
(locality : Podhradie Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.1	6 BUD	69075
M	1.8		6 BUD	69075
ML	1.8	0.1	7 ILOC	88

Sta	Dist	EvAz	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	164.6	Pg	08:12:31.994	0.7					T__		119.9		___	ML	0.9	69081	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.20	164.6	Lg	08:12:36.667	2.2					T__						69084	FDSN	SK	--	BUD	BUD	HHN	???	_	
JAVC	0.74	284.0	Lg	08:12:51.449	-2.3					T__						69085	FDSN	CZ	--	BUD	BUD	HHN	???	_	
HU10A	0.86	168.1	Lg	08:12:58.432	0.3					T__						69082	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
SRO	0.92	198.9	Sn	08:13:01.217	-0.3					T__						69086	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU03A	0.96	143.9	Sn	08:13:02.188	-0.3					T__						69093	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MODS	1.03	253.0	Lg	08:13:02.059	-1.4					T__						69087	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU09A	1.08	193.6	Sn	08:13:05.423	0.0					T__						69089	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	1.08	134.9	I	08:18:36.188	-4.0	318.6	2.8	331.09	-15.8	TA_						99	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.08	134.9	Pn	08:12:49.076	0.4					T__		54.8		___	ML	1.8	69079	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_

ET1H	1.10	136.9	Pg	08:12:51.422	1.5	T__	27.6	___	ML	1.6	69077	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	1.10	136.9	Lg	08:13:04.935	-0.9	T__		___			69088	FDSN	HU	--	BUD	BUD	HHE	???	_
KECS	1.17	99.3	Pg	08:12:51.584	1.5	T__	70.1	___	ML	2.0	69076	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	1.17	99.3	Sn	08:13:06.554	-1.1	T__		___			69090	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	1.20	98.4	Pn	08:12:50.188	0.0	T__	43.8	___	ML	1.8	69080	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
HU02A	1.31	114.9	Pn	08:12:51.859	0.1	T__	28.1	___	ML	1.7	69078	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
MORC	1.35	324.4	Pg	08:12:51.091	-1.1	T__	40.0	___	ML	1.9	69083	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
MORC	1.35	324.4	Lg	08:13:09.297	-1.6	T__		___			69091	FDSN	CZ	--	BUD	BUD	HHN	???	_
HU08A	1.37	204.3	Lg	08:13:15.580	0.6	T__		___			69092	FDSN	ZJ	00	BUD	BUD	HHN	???	_

STOP  
Event bud2022mewb Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/23	10:07:14.34	0.89	0.81	47.8470	20.1624	12.6	3.4	164	0.0	0.0	10	0	221	0.19	1.10	sx	BUD	69590	BUD			
2022/06/23	10:07:12.79	1.79	0.92	47.8777	20.1588	5.3	1.0	103	0.0f		12	7	210	0.18	1.08	sx	ILOC	89	ILOC			225

(#PRIME)  
(locality : Kisdána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	4 BUD	69590
M	1.5		4 BUD	69590
ML	1.4	0.1	4 ILOC	89

Sta	Dist	EvAz	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	283.0	Pg	10:07:17.810	0.5					T__		640.5		___	ML	1.6	69591	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	283.0	Lg	10:07:21.030	0.1					T__				___		69592	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.18	282.8	I	10:08:11.343	-0.3	103.3	0.7	337.33	-0.1	TA_				___		100	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.19	270.5	Pg	10:07:17.835	0.5					T__		411.0		___	ML	1.5	69594	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	270.5	Lg	10:07:21.184	0.3					T__				___		69593	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.35	45.0	Pg	10:07:20.581	0.2					T__		131.8		___	ML	1.4	69595	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.35	45.0	Lg	10:07:26.407	0.0					T__				___		69596	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.67	22.2	Pg	10:07:26.663	0.5					T__		30.3		___	ML	1.4	69597	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	22.2	Lg	10:07:36.672	0.2					T__				___		69600	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	0.84	59.6	Sn	10:07:42.809	-2.1					T__				___		69599	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	1.08	305.4	Lg	10:07:48.768	-1.5					T__				___		69598	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022mgmm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/24	07:32:36.53	1.08	0.72	47.8081	19.8058	12.1	3.8	175	0.0	0.0	11	0	242	0.08	1.08	sx	BUD	69839	BUD			
2022/06/24	07:32:35.09	2.06	0.82	47.8235	19.8589	5.8	0.5	13	0.0f		13	9	232	0.06	1.04	sx	ILOC	1	ILOC			252

(#PRIME)  
(locality : Gyöngyöstarján Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.1	2 BUD	69839
M	1.7		2 BUD	69839
ML	1.6	0.2	3 ILOC	90

Sta	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	8.5	Pg	07:32:37.139	0.3					T__		1850.1		___	ML	1.7	69841	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_

ET1H	0.06	8.5	Lg	07:32:38.070	-0.4					T__						69844	FDSN	HU	--	BUD	BUD	HHN	???	_		
PSZI	0.10	13.8	I	07:33:06.241	-0.1	197.6	3.7	312.34	-27.2	TA_						103	FDSN	HN	--	BUD	BUD	BDF	???	_		
PSZ	0.10	14.1	Pg	07:32:38.097	0.2					T__	1058.9					ML	1.6	69840	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.10	14.1	Lg	07:32:39.303	-1.0					T__							69845	FDSN	GE	--	BUD	BUD	HHN	???	_	
HU03A	0.19	294.8	Pg	07:32:40.024	0.5					T__	286.5					ML	1.3	69846	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.19	294.8	Lg	07:32:41.886	-1.1					T__							69847	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU02A	0.54	56.0	Lg	07:32:54.811	-0.5					T__							69848	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.78	32.2	Lg	07:33:03.615	1.0					T__							69842	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.81	33.9	Lg	07:33:04.345	0.7					T__							69843	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
VYHS	0.96	314.8	Lg	07:33:07.120	-1.4					T__							69849	FDSN	SK	--	BUD	BUD	HHN	???	_	
ABAH	1.04	62.4	Sn	07:33:12.447	0.4					T__							69850	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022mgph Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/24	08:58:48.21	0.25	1.77	48.3556	21.8471	4.3	2.7	174	0.0	0.0	17	0	106	0.40	1.67	sx	BUD	70075	BUD				
2022/06/24	08:58:46.64	1.30	1.64	48.3644	21.8118	6.4	5.3	173	0.0f		18	11	108	0.39	1.69	sx	ILOC	91	ILOC				136

(#PRIME)

(locality : Ladmovce Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	7 BUD	70075
M	1.7		7 BUD	70075
ML	1.7	0.1	7 ILOC	91

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
ABAH	0.39	260.1	Pg	08:58:57.241	2.6					T__		58.6		ML	1.1	70081	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.39	260.1	Lg	08:59:04.014	2.5					T__					70079	FDSN	HU	--	BUD	BUD	HHN	???	_	
UZH	0.42	50.0	Lg	08:59:01.257	-1.0					T__					70090	FDSN	UA	--	BUD	BUD	BHN	???	_	
TRPA	0.54	115.4	Pn	08:58:59.656	-1.9					T__		67.1		ML	1.6	70091	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TRPA	0.54	115.4	Lg	08:59:07.782	1.1					T__					70086	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOLS	0.65	28.1	Pg	08:58:59.253	0.1					T__					70080	FDSN	SK	--	BUD	BUD	HHZ	???	_	
KOLS	0.65	28.1	Lg	08:59:08.496	-1.3					T__					70083	FDSN	SK	--	BUD	BUD	HHN	???	_	
JOS	0.86	279.3	Pn	08:59:06.026	1.3					T__		44.0		ML	1.6	70078	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.86	279.3	Lg	08:59:15.170	-1.4					T__					70087	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.89	278.2	Pn	08:59:06.188	1.0					T__		99.5		ML	2.0	70077	FDSN	SK	--	BUD	BUD	EHE	EHZ	_
KECS	0.89	278.2	Lg	08:59:16.647	-1.1					T__					70088	FDSN	SK	--	BUD	BUD	EHE	???	_	
HU02A	0.89	254.7	Pn	08:59:06.030	0.7					T__		45.5		ML	1.7	70076	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.89	254.7	Lg	08:59:17.017	-1.8					T__					70089	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
MEZ	1.14	81.8	Pg	08:59:08.398	-0.3					T__					70092	FDSN	UA	--	BUD	BUD	BHZ	???	_	
PSZ	1.36	251.5	Pg	08:59:14.898	-0.1					T__		41.5		ML	1.9	70084	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZI	1.36	251.5	I	09:08:12.330	78.5	70.0	-0.1	342.20	-26.7	TA_					105	FDSN	HN	--	BUD	BUD	BDF	???	_	
DRGR	1.69	158.5	Pn	08:59:14.160	-2.5					T__		50.9		ML	2.1	70085	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	1.69	158.5	Sn	08:59:38.192	-2.1					T__					70082	FDSN	RO	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022mnyt Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/06/28	09:42:40.27	0.31	0.81	48.4273	19.1423	4.8	3.2	1	0.0	0.0	14	0	109	0.21	1.26	sx	BUD	71634	BUD				
2022/06/28	09:42:38.44	1.55	1.35	48.4352	19.1500	5.5	3.6	138	0.0f		16	9	111	0.22	1.24	sx	ILOC	93	ILOC				174

(#PRIME)

(locality : Sasa Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.1	5 BUD	71634
M	1.4		5 BUD	71634
ML	1.4	0.2	7 ILOC	93

Sta	Dist	EvAz	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	285.9	Pg	09:42:43.415	0.3					T__		79.5		___	ML	0.8	71641	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.22	285.9	Lg	09:42:46.712	0.1					T__				___		71640	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZI	0.72	135.9	I	09:46:38.390	1.6	318.1	1.7	330.54	-2.3	TA_				___		107	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.72	135.8	Pg	09:42:54.089	0.4					T__		29.4		___	ML	1.4	71638	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.72	135.8	Lg	09:43:04.447	-0.3					T__				___		71639	FDSN	GE	--	BUD	BUD	HHN	???	_	
ET1H	0.74	138.8	Pn	09:42:55.002	-0.0					T__		19.1		___	ML	1.2	71642	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
SRO	0.84	222.3	Lg	09:43:07.143	-1.7					T__				___		71645	FDSN	SK	--	BUD	BUD	EHN	???	_	
KECS	0.89	86.4	Pn	09:42:56.682	-0.5					T__		95.8		___	ML	2.0	71643	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.89	86.4	Lg	09:43:08.496	-0.9					T__				___		71646	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.93	85.7	Pg	09:42:56.965	0.2					T__		28.6		___	ML	1.5	71635	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.93	85.7	Lg	09:43:10.276	-0.4					T__				___		71647	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.97	108.3	Pg	09:42:58.624	0.2					T__		27.0		___	ML	1.5	71637	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.97	108.3	Sn	09:43:11.166	-3.1					T__				___		71636	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.24	37.2	Pn	09:43:05.023	2.6					T__		11.2		___	ML	1.2	71644	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.24	37.2	Sn	09:43:21.611	0.1					T__				___		71648	FDSN	PL	--	BUD	BUD	BHN	???	_	

STOP

Event bud2022mprm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/29	08:17:33.89	1.20	0.37	47.9302	20.4065	17.0	3.7	140	0.0	0.0	9	0	239	0.21	0.57	kx	BUD	72030	BUD			
2022/06/29	08:17:33.18			47.9760	20.3693				0.0							kx	BUD_GT	1	BUD			
2022/06/29	08:17:32.96	1.77	1.07	47.9633	20.3725	5.2	1.7	83	0.0f		11	6	223	0.19	0.54	kx	ILOC	94	ILOC			244

(#PRIME)

(locality : Eger-III Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	4 BUD	72030
M	1.4		4 BUD	72030
ML	1.4	0.2	4 ILOC	94

Sta	Dist	EvAz	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	32.7	Pg	08:17:37.705	0.3					T__		318.8		___	ML	1.3	72031	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.19	32.7	Lg	08:17:40.150	-0.9					T__				___		72037	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.32	262.2	Pg	08:17:41.496	1.2					T__		76.3		___	ML	1.1	72034	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.32	262.2	Lg	08:17:44.339	-1.6					T__				___		72038	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.33	262.1	I	08:19:19.153	1.1	77.8	-4.0	345.37	11.0	TA_				___		108	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.35	256.2	Lg	08:17:44.883	-1.4					T__				___		72039	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.53	8.2	Pg	08:17:44.451	0.8					T__		77.4		___	ML	1.7	72033	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.53	8.2	Lg	08:17:51.872	0.1					T__				___		72035	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.54	11.8	Pg	08:17:44.598	0.7					T__		39.7		___	ML	1.4	72032	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.54	11.8	Lg	08:17:52.065	-0.3					T__				___		72036	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP



Event bud2022mpwz Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/29	11:05:22.94	0.40	0.65	47.1439	19.2504	7.6	4.2	130	0.0	0.0	10	0	156	0.29	1.38	sx	BUD	72173	BUD			
2022/06/29	11:05:21.45	1.53	1.38	47.1578	19.2953	12.7	4.4	26	0.0f		11	9	159	0.31	1.37	sx	ILOC	95	ILOC			177

(#PRIME)

(locality : Dabas Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.3	6 BUD	72173
M	1.8		6 BUD	72173
ML	1.9	0.2	8 ILOC	95

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A271A	0.31	269.6	Pg	11:05:29.304	0.9					T__		427.7		___	ML	1.8	72181	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A271A	0.31	269.6	Lg	11:05:30.982	-3.1					T__				___		72180	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU10A	0.71	344.8	Pn	11:05:38.100	0.5					T__		148.9		___	ML	2.1	72182	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.77	15.3	Pn	11:05:38.779	0.4					T__		134.0		___	ML	2.1	72174	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
ET1H	0.82	28.2	Pg	11:05:38.677	-0.2					T__		41.0		___	ML	1.6	72175	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
HU22A	0.84	187.8	Pn	11:05:38.965	-0.1					T__		363.1		___	ML	2.5	72183	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
PSZI	0.86	27.8	I	11:11:10.737	59.1	209.3	1.0	315.61	-20.6	_A_				___		109	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.86	27.9	Pg	11:05:39.745	-0.1					T__		140.5		_c_	ML	2.1	72176	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.86	27.9	Lg	11:05:51.237	-1.8					T__				___		72177	FDSN	GE	--	BUD	BUD	HHE	???	_	
MORH	1.04	205.7	Pn	11:05:42.135	0.2					T__		22.4		___	ML	1.4	72178	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.37	347.1	Pn	11:05:47.728	0.8					T__		10.4		___	ML	1.3	72179	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_

STOP

Event bud2022mree Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/30	03:51:14.72	0.44	0.58	46.9056	22.8481	4.8	4.6	120	0.0	0.0	10	0	119	0.15	1.59	sx	BUD	72252	BUD			
2022/06/30	03:51:12.86	2.04	0.78	46.9405	22.7882	9.5	4.5	29	0.0f		12	8	119	0.16	2.20	sx	ILOC	96	ILOC			174

(#PRIME)

(locality : Poieni Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.1	2 BUD	72252
M	1.2		2 BUD	72252
ML	1.3	0.2	3 ILOC	96

Sta	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	199.6	Pg	03:51:17.090	0.7					T__		252.7		___	ML	1.1	72253	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.16	199.6	Lg	03:51:18.606	-0.7					T__				___		72257	FDSN	RO	--	BUD	BUD	HHN	???	_	
CJR	0.60	111.9	Lg	03:51:32.884	-1.2					T__				___		72254	FDSN	RO	--	BUD	BUD	HHN	???	_	
SIRR	1.03	229.5	Pn	03:51:34.390	0.9					T__		15.5		___	ML	1.3	72259	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
SIRR	1.03	229.5	Sn	03:51:49.071	-0.7					T__				___		72258	FDSN	RO	--	BUD	BUD	HHE	???	_	
TRPA	1.20	352.0	Sn	03:51:54.155	-0.2					T__				___		72260	FDSN	HU	--	BUD	BUD	HHE	???	_	
GZR	1.55	180.3	Pg	03:51:42.744	0.6					T__		23.9		___	ML	1.7	72256	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	1.55	180.3	Sn	03:52:02.684	-0.1					T__				___		72255	FDSN	RO	--	BUD	BUD	HHN	???	_	
BZS	1.55	212.0	Sn	03:52:03.172	0.8					T__				___		72261	FDSN	RO	--	BUD	BUD	HHN	???	_	
LOT	1.64	155.1	Sn	03:52:05.585	-0.0					T__				___		72262	FDSN	RO	--	BUD	BUD	HHN	???	_	
PSZI	2.20	297.5	I	04:05:02.899	-0.8	119.6	4.2	317.83	-94.1	TA_				___		110	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022mrji Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/06/30	06:27:11.38	2.71	0.69	47.0020	22.9516	24.4	13.9	18	0.0	0.0	5	0	313	0.27	1.66	sx	BUD	72302	BUD			
2022/06/30	06:27:12.81	3.21	0.81	46.9362	22.7473	11.3	4.6	32	0.0f		7	5	241	0.15	2.17	sx	ILOC	97	ILOC			310

(#PRIME)  
(locality : Poieni Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.0	1 BUD	72302
M	1.5		1 BUD	72302

Sta	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	189.8	Pg	06:27:16.033	-0.1					T__		285.9		___ ML	1.2	72303	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.15	189.8	Lg	06:27:18.525	-0.4					T__				___		72304	FDSN	RO	--	BUD	BUD	HHN	???	_
SIRR	1.00	228.7	Sn	06:27:49.338	0.2					T__				___		72305	FDSN	RO	--	BUD	BUD	HHE	???	_
BZS	1.54	211.1	Sn	06:28:03.372	1.5					T__				___		72307	FDSN	RO	--	BUD	BUD	HHE	???	_
GZR	1.54	179.2	Sn	06:28:02.254	-0.4					T__				___		72306	FDSN	RO	--	BUD	BUD	HHE	???	_
PSZI	2.17	297.9	I	06:40:54.627	-0.2	113.4	-2.4	308.64	-103.7	TA_				___		111	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022mtot Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/01	11:27:34.23	2.60	0.12	47.1024	22.2847	24.8	8.3	164	0.0	0.0	4	0	289	0.43	1.74	sx	BUD	72810	BUD			
2022/07/01	11:27:35.27	2.64	1.90	46.9459	22.2828	9.6	4.5	31	0.0f		6	4	175	0.33	1.89	sx	ILOC	98	ILOC			264

(#PRIME)  
(locality : Tetchea Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.0	1 BUD	72810
M	1.5		1 BUD	72810

Sta	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	117.5	Pg	11:27:42.507	0.4					T__		99.3		___ ML	1.2	72811	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.33	117.5	Lg	11:27:47.510	-0.3					T__				___		72813	FDSN	RO	--	BUD	BUD	HHN	???	_
SIRR	0.80	212.6	Sn	11:28:04.528	-2.1					T__				___		72812	FDSN	RO	--	BUD	BUD	HHN	???	_
GZR	1.59	167.4	Sn	11:28:28.573	2.5					T__				___		72814	FDSN	RO	--	BUD	BUD	HHN	???	_
PSZI	1.89	301.8	I	11:39:25.044	0.3	118.3	-1.8	311.79	-96.4	TA_				___		112	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022mtou Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/01	11:29:03.76	0.52	0.51	46.9815	22.2714	6.4	4.6	44	0.0	0.0	7	0	167	0.36	1.64	sx	BUD	72831	BUD			
2022/07/01	11:29:02.89	2.04	1.49	46.9038	22.2422	9.0	4.5	32	0.0f		9	6	152	0.34	1.89	sx	ILOC	1	ILOC			209

(#PRIME)  
(locality : Tetchea Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	2 BUD	72831
M	1.5		2 BUD	72831

Sta	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	109.1	Pg	11:29:09.986	0.0					T__		131.1		_c_	ML	1.4	72832	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.34	109.1	Lg	11:29:15.660	-0.1					T__						72833	FDSN	RO	--	BUD	BUD	HHN	???	_	
SIRR	0.75	212.5	Lg	11:29:31.093	1.5					T__						72834	FDSN	RO	--	BUD	BUD	HHN	???	_	
BZS	1.36	198.9	Pg	11:29:30.954	1.8					T__		17.6			ML	1.5	72836	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
BZS	1.36	198.9	Sn	11:29:48.809	1.2					T__						72835	FDSN	RO	--	BUD	BUD	HHE	???	_	
GZR	1.56	166.0	Sn	11:29:54.276	1.4					T__						72837	FDSN	RO	--	BUD	BUD	HHN	???	_	
HU02A	1.69	317.0	Sn	11:29:57.529	2.1					T__						72838	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
PSZI	1.89	303.3	I	11:40:52.238	0.1	116.8	-4.8	305.86	-102.3	TA_						114	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022nciq Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	06:36:03.78	0.68	0.22	46.0261	22.9650	8.8	4.0	80	0.0	0.0	8	0	204	0.15	1.01	sx	BUD	73874	BUD			
2022/07/06	06:36:02.86	1.99	1.78	46.0725	22.6910	11.4	4.6	48	0.0f		10	6	140	0.24	2.66	sx	ILOC	100	ILOC			186

(#PRIME)  
(locality : Criscior Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.1	3 BUD	73874
M	1.4		3 BUD	73874
ML	1.5	0.3	3 ILOC	100

Sta	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	141.9	Pg	06:36:06.594	-0.8					T__		567.3		___	ML	1.7	73875	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DEV	0.24	141.9	Lg	06:36:08.323	-2.5					T__						73878	FDSN	RO	--	BUD	BUD	HHN	???	_	
GZR	0.68	174.9	Pg	06:36:15.900	-0.0					T__		37.3		___	ML	1.5	73876	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	0.68	174.9	Lg	06:36:24.514	-1.1					T__						73879	FDSN	RO	--	BUD	BUD	HHN	???	_	
DRGR	0.72	1.1	Lg	06:36:29.117	0.1					T__						73880	FDSN	RO	--	BUD	BUD	HHN	???	_	
SIRR	0.74	285.6	Pn	06:36:21.807	2.2					T__		21.9		___	ML	1.3	73877	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
SIRR	0.74	285.6	Sn	06:36:34.113	1.3					T__						73881	FDSN	RO	--	BUD	BUD	HHE	???	_	
BZS	0.88	239.1	Sn	06:36:36.241	0.2					T__						73882	FDSN	RO	--	BUD	BUD	HHE	???	_	
PSZI	2.66	315.0	I	06:52:45.540	-2.8	132.5	-0.4	318.66	-74.2	TA_						117	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022nckr Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	07:37:34.57	0.27	0.57	48.3064	19.8992	3.5	3.1	164	0.0	0.0	14	0	82	0.39	1.58	sx	BUD	73948	BUD			
2022/07/06	07:37:32.77	1.49	0.97	48.2862	19.8616	5.3	1.9	176	0.0f		16	10	81	0.37	1.56	sx	ILOC	101	ILOC			132

(#PRIME)  
(locality : Bulhary Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	5 BUD	73948
M	1.5		5 BUD	73948
ML	1.5	0.1	6 ILOC	101

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.37	176.6	Pg	07:37:41.065	0.1					T__		146.0		___	ML	1.5	73949	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.37	176.6	Lg	07:37:47.134	-0.0					T__						73950	FDSN	GE	--	BUD	BUD	HHN	???	_	

PSZI	0.37	176.7	I	07:39:32.452	0.1	357.4	0.7	339.94	6.4	TA_	---	---	---	118	FDSN	HN	--	BUD	BUD	BDF	???	_		
ET1H	0.41	179.1	Lg	07:37:48.368	0.3					T__	---	---	---	73955	FDSN	HU	--	BUD	BUD	HHN	???	_		
KECS	0.46	64.4	Pg	07:37:42.602	0.5					T__	---	191.9	---	ML	1.9	73952	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
HU02A	0.47	110.1	Pg	07:37:42.805	-0.0					T__	---	78.3	---	ML	1.5	73951	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.47	110.1	Lg	07:37:48.894	-1.7					T__	---		---		73957	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.50	64.8	Pg	07:37:42.886	0.1					T__	---	82.8	---	ML	1.6	73953	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.50	64.8	Lg	07:37:50.512	0.0					T__	---		---		73956	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
VYHS	0.71	287.3	Pn	07:37:49.116	-0.0					T__	---	10.6	---	ML	0.9	73954	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.71	287.3	Lg	07:37:57.653	-0.2					T__	---		---		73962	FDSN	SK	--	BUD	BUD	HHE	???	_	
HU10A	0.72	232.3	Lg	07:37:59.148	0.1					T__	---		---		73958	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.17	14.2	Pn	07:37:56.074	0.5					T__	---	13.5	---	ML	1.3	73959	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.17	14.2	Sn	07:38:11.529	-2.2					T__	---		---		73960	FDSN	PL	--	BUD	BUD	BHN	???	_	
JAVC	1.56	292.3	Sn	07:38:26.107	2.0					T__	---		---		73961	FDSN	CZ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022nclr Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/06	08:08:07.48	0.34	0.80	47.5456	18.7163	5.0	2.8	169	0.0	0.0	13	0	133	0.22	1.35	sx	BUD	74041	BUD			
2022/07/06	08:08:04.81	1.70	0.59	47.5402	18.7091	5.3	4.5	55	0.0f		15	11	135	0.22	1.36	sx	ILOC	102	ILOC			173

(#PRIME)  
(locality : Mány Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.2	4 BUD	74041
M	1.5		4 BUD	74041
ML	1.6	0.2	4 ILOC	102

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BUD	0.22	104.7	Lg	08:08:14.474	0.3					T__						74043	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	0.24	294.1	Lg	08:08:15.361	0.6					T__						74052	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
CSKK	0.35	240.0	Lg	08:08:19.194	0.5					T__						74053	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU10A	0.37	34.3	Lg	08:08:20.340	1.2					T__						74042	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU08A	0.54	258.7	Lg	08:08:24.858	-0.1					T__						74054	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.86	66.2	Pg	08:08:22.161	-0.7					T__		32.6		---	ML	1.5	74045	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.86	66.2	Lg	08:08:35.188	-0.4					T__						74044	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.88	64.3	I	08:13:03.618	0.3	247.9	2.8	318.78	-18.2	TA_						119	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.89	64.3	Pn	08:08:23.486	-0.1					T__		53.7		---	ML	1.7	74047	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.96	5.1	Pn	08:08:24.629	0.0					T__		13.6		---	ML	1.2	74046	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.96	5.1	Lg	08:08:38.142	-0.2					T__						74048	FDSN	SK	--	BUD	BUD	HHE	???	_	
MODS	1.27	311.4	Sn	08:08:47.925	-0.3					T__						74049	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU02A	1.36	63.9	Pg	08:08:32.180	-0.4					T__		23.0		---	ML	1.6	74051	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.36	63.9	Sn	08:08:50.872	1.0					T__						74050	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

STOP  
Event bud2022nehg Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/07	08:10:00.40	0.29	0.70	48.4271	18.4658	3.8	3.0	171	0.0	0.0	16	0	98	0.26	1.63	sx	BUD	74473	BUD			
2022/07/07	08:09:59.25	1.60	1.23	48.3646	18.5447	5.3	4.9	123	0.0f		18	14	80	0.23	1.65	sx	ILOC	104	ILOC			108

(#PRIME)  
(locality : Hostie Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.1	4 BUD	74473
M	1.7		4 BUD	74473
ML	1.7	0.1	5 ILOC	104

Sta	Dist	EvAz	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	56.2	Pg	08:10:04.713	0.5					T__		77.2		___	ML	0.8	74479	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.23	56.2	Lg	08:10:08.597	0.6					T__				___		74480	FDSN	SK	--	BUD	BUD	HHN	???	_	
A338A	0.37	200.3	Lg	08:10:13.712	0.3					T__				___		74481	FDSN	Z3	00	BUD	BUD	HH2	???	_	
SRO	0.57	195.8	Lg	08:10:21.060	0.7					T__				___		74482	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU10A	0.61	148.4	Lg	08:10:21.766	0.1					T__				___		74476	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JAVC	0.76	310.8	Pg	08:10:13.639	-1.3					T__		87.1		___	ML	1.9	74483	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
MODS	0.85	271.1	Pg	08:10:16.493	0.1					T__				___		74484	FDSN	SK	--	BUD	BUD	HHZ	???	_	
PSZI	1.01	115.8	I	08:15:42.110	-2.3	296.3	-0.5	339.39	-3.2	TA_				___		121	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.01	115.8	Pg	08:10:20.738	0.3					T__		44.8		___	ML	1.7	74486	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	1.01	115.8	Sn	08:10:35.905	-0.5					T__				___		74485	FDSN	GE	--	BUD	BUD	HHE	???	_	
ET1H	1.01	118.2	Pn	08:10:19.096	-0.7					T__		28.6		___	ML	1.5	74474	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KECS	1.30	84.0	Sn	08:10:43.490	0.4					T__				___		74487	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	1.33	83.6	Pg	08:10:27.430	1.9					T__		35.1		___	ML	1.8	74478	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.33	83.6	Sn	08:10:44.180	0.2					T__				___		74477	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	1.35	99.6	Sn	08:10:45.475	1.0					T__				___		74475	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORC	1.56	335.4	Lg	08:10:46.883	-3.0					T__				___		74488	FDSN	CZ	--	BUD	BUD	HHN	???	_	
RONA	1.65	247.0	Lg	08:10:53.019	0.1					T__				___		74489	FDSN	OE	--	BUD	BUD	HHE	???	_	

STOP  
Event bud2022nemy Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/07	11:02:42.48	0.94	0.37	46.3216	23.1654	11.5	5.7	89	0.0	0.0	7	0	229	0.57	1.28	sx	BUD	74757	BUD			
2022/07/07	11:02:43.10	2.24	0.39	46.3377	22.9764	9.3	4.8	36	0.0f		9	5	210	0.49	2.63	sx	ILOC	105	ILOC			255

(#PRIME)  
(locality : Rosia-Poieni Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	3 BUD	74757
M	1.5		3 BUD	74757
ML	1.5	0.3	4 ILOC	105

Sta	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	0.49	338.1	Pg	11:02:53.000	-0.1					T__		34.4		___	ML	1.2	74758	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.49	338.1	Lg	11:03:00.950	-0.3					T__				___		74759	FDSN	RO	--	BUD	BUD	HHN	???	_	
SIRR	0.92	266.1	Pg	11:03:01.901	0.2					T__		28.0		___	ML	1.5	74761	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
SIRR	0.92	266.1	Lg	11:03:16.223	-0.3					T__				___		74760	FDSN	RO	--	BUD	BUD	HHN	???	_	
GZR	0.95	188.5	Pg	11:03:01.416	0.1					T__		108.0		___	ML	2.1	74762	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
BZS	1.19	233.2	Pn	11:03:06.675	0.5					T__		25.0		___	ML	1.6	74763	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
BZS	1.19	233.2	Sn	11:03:23.372	-0.5					T__				___		74764	FDSN	RO	--	BUD	BUD	HHN	???	_	
PSZI	2.63	308.0	I	11:19:18.972	0.5	125.4	-0.4	338.58	-55.8	TA_				___		122	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022nggv Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/08	10:13:48.97	2.60	0.26	47.1044	22.2678	24.9	8.3	163	0.0	0.0	4	0	289	0.44	1.75	sx	BUD	75152	BUD			

2022/07/08 10:13:49.55 2.65 2.03 46.9715 22.2661 9.5 4.5 31 0.0f 6 4 179 0.35 1.87 sx ILOC 106 ILOC 269  
 (#PRIME)  
 (locality : Tetchea Romania)

Magnitude Err Nsta Author OrigID  
 MLv 1.7 0.0 1 BUD 75152  
 M 1.7 1 BUD 75152

Sta	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	120.4	Pg	10:13:57.443	0.6					T__		163.8		___ ML	1.5	75153	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.35	120.4	Lg	10:14:02.428	-0.4					T__				___		75154	FDSN	RO	--	BUD	BUD	HHN	???	_
SIRR	0.82	210.9	Sn	10:14:19.044	-2.3					T__				___		75155	FDSN	RO	--	BUD	BUD	HHE	???	_
GZR	1.62	167.1	Sn	10:14:43.657	2.6					T__				___		75156	FDSN	RO	--	BUD	BUD	HHE	???	_
PSZI	1.87	301.3	I	10:25:29.742	0.2	117.3	-2.3	322.19	-84.9	TA_				___		123	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
 Event bud2022npep Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/13	07:20:07.25	0.76	0.83	47.8207	20.1763	10.0	3.0	165	0.0	0.0	14	0	226	0.21	1.12	sx	BUD	76284	BUD			
2022/07/13	07:20:05.71	1.43	0.90	47.8707	20.1662	5.1	1.0	104	0.0f		16	9	213	0.19	1.09	sx	ILOC	108	ILOC			228

(#PRIME)  
 (locality : Kisdána Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.6 0.2 6 BUD 76284  
 M 1.6 6 BUD 76284  
 ML 1.5 0.2 6 ILOC 108

Sta	Dist	EvAz	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	284.7	Pg	07:20:10.852	0.5					T__		630.6		___ ML	1.6	76285	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.19	284.7	Lg	07:20:13.725	-0.3					T__				___		76289	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.19	284.5	I	07:21:06.400	-0.3	105.0	0.7	346.66	9.4	TA_				___		126	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.20	272.5	Pg	07:20:11.115	0.8					T__		393.7		___ ML	1.4	76286	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.20	272.5	Lg	07:20:13.745	-0.2					T__				___		76290	FDSN	HU	--	BUD	BUD	HHN	???	_
HU02A	0.35	43.6	Pg	07:20:13.189	-0.2					T__		105.2		___ ML	1.3	76287	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.35	43.6	Lg	07:20:19.501	0.2					T__				___		76288	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU03A	0.38	275.2	Lg	07:20:20.992	0.9					T__				___		76291	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KECS	0.65	19.1	Pn	07:20:19.909	-1.0					T__		71.8		___ ML	1.7	76293	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.65	19.1	Lg	07:20:29.781	1.1					T__				___		76292	FDSN	SK	--	BUD	BUD	EHE	???	_
JOS	0.67	21.6	Pn	07:20:19.693	-1.5					T__		28.7		___ ML	1.3	76294	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	21.6	Lg	07:20:30.293	0.8					T__				___		76295	FDSN	ZJ	--	BUD	BUD	HHN	???	_
ABAH	0.84	59.0	Pn	07:20:24.487	1.0					T__		57.0		___ ML	1.7	76297	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.84	59.0	Sn	07:20:36.301	-1.5					T__				___		76296	FDSN	HU	--	BUD	BUD	HHE	???	_
VYHS	1.09	305.5	Lg	07:20:43.217	-0.3					T__				___		76298	FDSN	SK	--	BUD	BUD	HHN	???	_

STOP  
 Event bud2022nqvw Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/14	05:40:38.27	2.14	0.21	46.9512	22.9509	21.3	10.6	9	0.0	0.0	6	0	311	0.23	1.61	sx	BUD	76486	BUD			
2022/07/14	05:40:39.57	3.02	2.21	46.8479	22.8149	11.4	4.7	32	0.0f		8	5	241	0.09	2.26	sx	ILOC	109	ILOC			306

(#PRIME)

(locality : Poieni Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.4	2 BUD	76486
M	1.5		2 BUD	76486

Sta	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	231.7	Pg	05:40:42.872	1.1					T__		186.5		_c_ ML	0.8	76487	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.09	231.7	Lg	05:40:44.799	1.0					T__						76489	FDSN	RO	--	BUD	BUD	HHN	???	_
SIRR	0.99	234.4	Lg	05:41:14.537	-4.4					T__						76490	FDSN	RO	--	BUD	BUD	HHN	???	_
GZR	1.46	181.1	Pg	05:41:07.997	0.8					T__		26.3		___ ML	1.7	76488	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	1.46	181.1	Sn	05:41:27.480	0.2					T__						76491	FDSN	RO	--	BUD	BUD	HHN	???	_
BZS	1.49	214.5	Sn	05:41:28.933	1.5					T__						76492	FDSN	RO	--	BUD	BUD	HHN	???	_
PSZI	2.26	299.4	I	05:54:54.137	0.5	116.4	-0.9	308.36	-102.3	TA_						127	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP

Event bud2022nraq Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/14	07:35:56.36	0.29	0.69	48.5733	19.3590	4.6	2.7	16	0.0	0.0	17	0	139	0.36	1.69	sx	BUD	76598	BUD			
2022/07/14	07:35:54.58	1.47	0.73	48.5273	19.3483	5.4	3.5	153	0.0f		19	11	134	0.34	1.72	sx	ILOC	110	ILOC			164

(#PRIME)

(locality : Viglas Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.1	5 BUD	76598
M	1.8		5 BUD	76598
ML	1.8	0.1	7 ILOC	110

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.34	264.6	Lg	07:36:06.975	0.0					T__						76605	FDSN	SK	--	BUD	BUD	HHN	???	_
PSZ	0.71	148.9	Pn	07:36:11.124	0.1					T__		43.4		___ ML	1.5	76608	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.71	148.9	Lg	07:36:20.765	0.2					T__						76607	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.71	148.9	I	07:39:49.852	-0.4	331.3	2.0	334.80	2.1	TA_						128	FDSN	HN	--	BUD	BUD	BDF	???	_
HU10A	0.72	198.0	Lg	07:36:20.370	-0.4					T__						76606	FDSN	ZJ	00	BUD	BUD	HHN	???	_
ET1H	0.74	151.5	Pn	07:36:11.521	0.3					T__		26.7		___ ML	1.3	76609	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.74	151.5	Lg	07:36:21.892	0.9					T__						76610	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.76	92.9	Pg	07:36:09.860	0.2					T__		179.2		___ ML	2.2	76602	FDSN	SK	--	BUD	BUD	EHE	EHZ	_
KECS	0.76	92.9	Lg	07:36:20.632	-0.4					T__						76601	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.79	91.8	Pg	07:36:10.371	0.1					T__		67.1		___ ML	1.8	76599	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.79	91.8	Lg	07:36:21.692	-0.5					T__						76600	FDSN	ZJ	--	BUD	BUD	HHN	???	_
HU02A	0.88	116.9	Pg	07:36:12.909	0.1					T__		57.7		___ ML	1.8	76611	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.88	116.9	Lg	07:36:24.905	-1.5					T__						76603	FDSN	ZJ	00	BUD	BUD	HHN	???	_
JAVC	1.16	287.3	Pn	07:36:17.832	0.3					T__		47.5		___ ML	1.8	76613	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	1.16	287.3	Lg	07:36:34.046	-1.5					T__						76612	FDSN	CZ	--	BUD	BUD	HHN	???	_
ABAH	1.28	99.7	Pg	07:36:19.902	0.2					T__		43.4		___ ML	1.8	76604	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	1.28	99.7	Sn	07:36:38.983	1.4					T__						76614	FDSN	HU	--	BUD	BUD	HHN	???	_
MORC	1.72	317.2	Sn	07:36:49.679	-0.1					T__						76615	FDSN	CZ	--	BUD	BUD	HHN	???	_

STOP

Event bud2022nrbc Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/07/14 08:18:44.88 0.65 0.50 47.8205 19.1018 9.7 3.2 9 0.0 0.0 14 0 210 0.06 1.17 sx BUD 76655 BUD  
 2022/07/14 08:18:43.56 1.71 0.72 47.8387 19.1477 5.3 2.7 79 0.0f 16 9 189 0.09 1.14 sx ILOC 111 ILOC 257  
 (#PRIME)  
 (locality : Sejce-Vác Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.5 0.2 5 BUD 76655  
 M 1.5 5 BUD 76655  
 ML 1.5 0.3 6 ILOC 111

Sta	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	274.3	Pg	08:18:45.903	0.1					T__		2492.1		___	ML	1.9	76656	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.09	274.3	Lg	08:18:47.072	-0.8					T__				___		76657	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.31	77.8	Pg	08:18:50.961	0.6					T__		112.1		___	ML	1.2	76658	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.31	77.8	Lg	08:18:55.727	0.2					T__				___		76659	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.49	85.0	Lg	08:19:01.960	0.2					T__				___		76660	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.51	80.8	I	08:21:28.976	-0.5	262.4	1.1	322.82	-9.2	TA_				___		129	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.51	80.7	Lg	08:19:02.461	-0.4					T__				___		76661	FDSN	GE	--	BUD	BUD	HHN	???	_	
VYHS	0.69	342.5	Pg	08:18:58.212	0.6					T__		17.2		___	ML	1.1	76663	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.69	342.5	Lg	08:19:06.977	-0.9					T__				___		76662	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU02A	0.97	72.4	Pg	08:19:03.978	0.4					T__		24.4		___	ML	1.4	76664	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.97	72.4	Sn	08:19:17.563	-1.7					T__				___		76665	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	1.10	53.8	Pg	08:19:05.589	0.1					T__		163.6		___	ML	2.3	76667	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	1.10	53.8	Sn	08:19:21.877	-0.4					T__				___		76666	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	1.14	54.3	Pg	08:19:06.970	0.8					T__		26.9		___	ML	1.6	76668	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.14	54.3	Sn	08:19:22.819	-0.3					T__				___		76669	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022oade Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/19	07:06:35.27	0.32	0.88	48.5307	19.3146	4.0	3.0	6	0.0	0.0	14	0	108	0.32	1.14	sx	BUD	78359	BUD			
2022/07/19	07:06:33.02	1.63	0.67	48.5236	19.3190	5.3	3.6	151	0.0f		16	11	107	0.32	1.14	sx	ILOC	114	ILOC			163

(#PRIME)  
 (locality : Viglas Slovakia)

Magnitude Err Nsta Author OrigID  
 MLv 1.5 0.1 2 BUD 78359  
 M 1.5 2 BUD 78359  
 ML 1.5 0.4 4 ILOC 114

Sta	Dist	EvAz	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	264.9	Pg	07:06:40.316	0.6					T__		27.3		___	ML	0.6	78366	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.32	264.9	Lg	07:06:44.872	0.2					T__				___		78367	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU03A	0.65	163.1	Lg	07:06:57.419	1.1					T__				___		78368	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU10A	0.71	196.6	Lg	07:06:58.054	-0.8					T__				___		78369	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.72	147.4	Lg	07:06:58.810	-0.4					T__				___		78370	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.72	147.4	I	07:10:31.069	-0.1	325.3	-2.5	330.96	-1.8	TA_				___		132	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.74	150.0	Lg	07:06:58.721	-1.0					T__				___		78364	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.78	92.6	Pn	07:06:49.303	-0.8					T__		102.2		___	ML	1.9	78372	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.78	92.6	Lg	07:07:00.186	0.0					T__				___		78371	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.81	91.5	Pg	07:06:49.446	0.3					T__		43.3		___	ML	1.6	78360	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.81	91.5	Lg	07:07:00.986	-0.3					T__				___		78361	FDSN	ZJ	--	BUD	BUD	HHN	???	_	



HU02A	0.90	116.1	Pn	07:06:52.951	1.0	T__	24.5	___	ML	1.4	78363	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.90	116.1	Lg	07:07:05.733	0.3	T__		---			78362	FDSN	ZJ	00	BUD	BUD	HHN	???	_
NIE	1.10	35.5	Lg	07:07:11.941	-0.5	T__		---			78365	FDSN	PL	--	BUD	BUD	BHN	???	_
JAVC	1.14	287.7	Lg	07:07:12.977	-0.5	T__		---			78373	FDSN	CZ	--	BUD	BUD	HHE	???	_

STOP  
Event bud2022occn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/20	09:03:11.64	0.50	0.44	48.0114	20.3684	9.9	3.1	139	0.0	0.0	11	0	184	0.15	0.65	kx	BUD	78962	BUD			
2022/07/20	09:03:09.66			47.9760	20.3693				0.0							kx	BUD_GT	1	BUD			
2022/07/20	09:03:09.76	1.56	1.02	47.9889	20.3779	5.1	1.7	78	0.0f		13	7	190	0.17	0.65	kx	ILOC	115	ILOC			215

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.3	6 BUD	78962
M	1.1		6 BUD	78962
ML	1.2	0.3	6 ILOC	115

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.17	36.4	Pg	09:03:13.904	0.2					T__		284.3		___	ML	1.2	78963	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.17	36.4	Lg	09:03:15.586	-1.5					T__				---		78969	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.33	257.9	Pg	09:03:18.391	1.1					T__		43.9		___	ML	0.9	78966	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.33	257.9	Lg	09:03:21.495	-1.5					T__				---		78970	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.33	257.9	I	09:04:57.004	-0.5	77.9	0.4	344.87	10.7	TA_				---		133	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.36	252.3	Pg	09:03:18.195	0.6					T__		19.5		___	ML	0.6	78964	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.36	252.3	Lg	09:03:23.190	-0.2					T__				---		78967	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.50	8.2	Pg	09:03:21.121	1.2					T__		115.0		___	ML	1.8	78965	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.50	8.2	Lg	09:03:27.049	-0.6					T__				---		78971	FDSN	SK	--	BUD	BUD	EHE	???	_	
JOS	0.52	12.0	Pg	09:03:21.315	1.1					T__		23.2		___	ML	1.1	78968	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.52	12.0	Lg	09:03:27.291	-1.0					T__				---		78972	FDSN	ZJ	--	BUD	BUD	HHE	???	_	
ABAH	0.65	61.6	Pn	09:03:24.943	0.0					T__		39.7		___	ML	1.5	78973	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_

STOP  
Event bud2022odvq Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/21	07:50:46.69	0.28	0.88	48.2629	21.2218	4.3	2.5	153	0.0	0.0	20	0	128	0.04	1.30	kx	BUD	79437	BUD			
2022/07/21	07:50:44.22			48.2470	21.2460				0.0							kx	BUD_GT	1	BUD			
2022/07/21	07:50:43.71	1.23	2.79	48.1964	21.2547	4.6	3.6	4	0.0f		22	12	136	0.10	1.38	kx	ILOC	1	ILOC			188

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	6 BUD	79437
M	1.8		6 BUD	79437
ML	1.8	0.2	8 ILOC	1

Sta	Dist	EVaz	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	354.3	Pg	07:50:46.451	0.2					T__		23852.8		___	ML	3.0	79438	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_

ABAH	0.10	354.3	Lg	07:50:48.058	-0.6	T__										79439	FDSN	HU	--	BUD	BUD	HHN	???	_			
HU02A	0.49	261.6	Pg	07:50:55.051	0.8	T__				75.0						---	ML	1.5	79442	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.49	261.6	Lg	07:51:02.574	0.3	T__										---		79443	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.56	302.4	Pg	07:50:55.782	0.8	T__				96.0						---	ML	1.8	79441	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.56	302.4	Lg	07:51:02.793	-0.9	T__										---		79440	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.59	299.5	Pg	07:50:56.329	0.8	T__				147.2						---	ML	2.0	79445	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.59	299.5	Lg	07:51:03.341	-1.2	T__										---		79444	FDSN	SK	--	BUD	BUD	EHN	???	_	
TRPA	0.86	93.9	Pn	07:51:03.012	1.1	T__				117.2						---	ML	2.0	79446	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TRPA	0.86	93.9	Lg	07:51:15.867	1.0	T__										---		79447	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU23A	0.88	230.8	Lg	07:51:16.552	1.2	T__										---		79452	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.95	253.5	Pg	07:51:04.765	0.9	T__				56.2						---	ML	1.8	79449	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.95	253.5	Lg	07:51:18.013	-0.1	T__										---		79453	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.95	253.5	I	07:55:56.980	-11.6	70.6	-1.9	347.52	7.7	TA_						---		134	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.98	251.6	Pg	07:51:05.203	1.0	T__				43.0						---	ML	1.7	79450	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.98	251.6	Sn	07:51:19.327	-0.1	T__										---		79455	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOLS	1.00	42.2	Pn	07:51:05.057	1.0	T__										---		79448	FDSN	SK	--	BUD	BUD	HHZ	???	_	
KOLS	1.00	42.2	Sn	07:51:19.327	-1.5	T__										---		79454	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU03A	1.15	255.8	Lg	07:51:24.294	0.0	T__										---		79456	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.38	333.0	Pn	07:51:09.001	-0.4	T__				26.0						---	ML	1.7	79451	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.38	333.0	Sn	07:51:29.845	0.1	T__										---		79457	FDSN	PL	--	BUD	BUD	BHN	???	_	

STOP

Event bud2022odwb Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/21	08:02:41.03	0.56	0.44	48.7704	20.8554	6.0	4.3	69	0.0	0.0	11	0	180	0.35	1.37	sx	BUD	79520	BUD			
2022/07/21	08:02:44.15	1.95	1.19	48.5290	20.8083	5.7	4.3	37	0.0f		12	8	219	0.18	1.31	sx	ILOC	116	ILOC			295

(#PRIME)

(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.1	2 BUD	79520
M	1.7		2 BUD	79520
ML	1.3	0.3	3 ILOC	116

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	259.6	Pg	08:02:47.903	-0.1					T__		337.6			ML	1.3	79521	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.18	259.6	Lg	08:02:51.646	0.6					T__						79522	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.22	258.1	Pg	08:02:48.409	-0.3					T__		1383.3			ML	2.1	79524	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.22	258.1	Lg	08:02:52.554	0.2					T__						79523	FDSN	SK	--	BUD	BUD	EHN	???	_	
ABAH	0.37	128.9	Pg	08:02:51.951	0.1					T__		60.6			ML	1.1	79526	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.37	128.9	Lg	08:02:58.140	-0.2					T__						79527	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.45	205.0	Lg	08:03:02.109	1.1					T__						79525	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.86	225.3	Lg	08:03:15.601	0.2					T__						79529	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.87	225.3	I	08:07:34.664	-0.8	44.2	-0.5	348.66	12.4	TA_						135	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.90	224.3	Lg	08:03:16.757	0.5					T__						79530	FDSN	HU	--	BUD	BUD	HHN	???	_	
NIE	0.95	339.6	Lg	08:03:04.285	-11.3					T__						79528	FDSN	PL	--	BUD	BUD	BHN	???	_	
VYHS	1.31	269.2	Sn	08:03:25.267	-3.2					T__						79531	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022ofom Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/07/22 06:29:23.50 0.42 0.33 48.4206 19.5186 6.1 3.6 12 0.0 0.0 8 0 163 0.46 0.74 sx BUD 79925 BUD  
 2022/07/22 06:29:21.86 2.11 0.98 48.4125 19.5387 5.6 2.8 155 0.0f 10 7 162 0.47 0.72 sx ILOC 117 ILOC 285  
 (#PRIME)  
 (locality : Mýtna Slovakia)

Magnitude Err Nsta Author OrigID  
 MLv 1.4 0.0 1 BUD 79925  
 M 1.4 1 BUD 79925

Sta	Dist	EvAz	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	280.2	Pg	06:29:32.217	0.6					T__		17.2		___	ML	0.9	79932	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.47	280.2	Lg	06:29:38.133	-0.6					T__				___		79931	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZ	0.55	154.2	Lg	06:29:41.478	-0.9					T__				___		79928	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.55	154.2	I	06:32:22.595	1.0	335.3	0.8	329.69	-2.2	TA_				___		136	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.58	157.2	Lg	06:29:42.545	-0.4					T__				___		79929	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.63	83.2	Lg	06:29:44.711	0.5					T__				___		79927	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.67	82.5	Pg	06:29:36.354	1.1					T__		35.4		___	ML	1.4	79926	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	82.5	Lg	06:29:45.411	-0.0					T__				___		79930	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.72	113.4	Lg	06:29:46.501	-1.6					T__				___		79933	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022oftp Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/22	09:04:55.62	0.33	0.83	48.8407	21.6244	4.8	3.1	173	0.0	0.0	16	0	133	0.44	1.88	sx	BUD	80112	BUD			
2022/07/22	09:04:53.69	1.58	1.52	48.8420	21.5849	10.7	4.9	41	0.0f		17	10	133	0.46	1.86	sx	ILOC	118	ILOC			193

(#PRIME)  
 (locality : Vechec Slovakia)

Magnitude Err Nsta Author OrigID  
 MLv 2.1 0.1 5 BUD 80112  
 M 2.1 5 BUD 80112  
 ML 2.0 0.1 6 ILOC 118

Sta	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	78.4	Pg	09:05:02.994	0.3					T__				___		80126	FDSN	SK	--	BUD	BUD	HHZ	???	_	
KOLS	0.46	78.4	Lg	09:05:10.590	0.2					T__				___		80125	FDSN	SK	--	BUD	BUD	HHN	???	_	
ABAH	0.59	202.9	Pn	09:05:07.194	-2.2					T__		141.9		___	ML	2.0	80120	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.59	202.9	Lg	09:05:15.045	-0.4					T__				___		80119	FDSN	HU	--	BUD	BUD	HHN	???	_	
JOS	0.77	243.8	Pn	09:05:10.626	-0.1					T__		122.4		___	ML	2.0	80117	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.77	243.8	Lg	09:05:20.450	-0.2					T__				___		80118	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.81	244.2	Pn	09:05:11.503	0.2					T__		258.8		___	ML	2.4	80116	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.81	244.2	Lg	09:05:22.970	1.1					T__				___		80115	FDSN	SK	--	BUD	BUD	EHN	???	_	
TRPA	0.95	137.9	Pg	09:05:12.197	0.0					T__		106.9		___	ML	2.1	80123	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TRPA	0.95	137.9	Lg	09:05:26.804	-1.3					T__				___		80124	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	1.01	224.8	Pn	09:05:13.977	-0.1					T__		123.7		___	ML	2.2	80113	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.01	224.8	Sn	09:05:28.521	-2.2					T__				___		80114	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
NIE	1.02	304.8	Pn	09:05:15.556	1.0					T__		29.8		___	ML	1.5	80122	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.02	304.8	Lg	09:05:29.141	-1.8					T__				___		80121	FDSN	PL	--	BUD	BUD	BHN	???	_	
PSZI	1.46	231.3	I	09:14:32.717	50.9	48.4	-1.6	358.80	-18.6	_A_				___		137	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	1.49	230.5	Sn	09:05:44.304	2.2					T__				___		80128	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	1.86	260.2	Sn	09:05:54.850	3.2					T__				___		80127	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022olcr Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/25	07:21:21.09	0.25	1.04	47.9212	20.0747	3.4	0.4	177	0.0	0.0	22	0	93	0.12	1.01	sx	BUD	81059	BUD			
2022/07/25	07:21:18.69	1.34	1.12	47.8995	20.0835	2.6	0.6	98	0.0f		25	17	94	0.13	1.02	sx	ILOC	119	ILOC			147

(#PRIME)  
(locality : Kisdána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.1	5 BUD	81059
M	1.6		5 BUD	81059
ML	1.7	0.1	6 ILOC	119

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZI2	0.13	277.8	I	07:22:00.409	0.8					T__						81064	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.13	278.5	Pg	07:21:21.582	-0.5					T__	1398.1			---	ML	1.8	81060	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.13	278.5	Lg	07:21:23.956	-1.0					T__				---		81065	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.13	278.3	I	07:21:59.974	-0.2	98.1	-0.0	347.64	8.9	TA_				---		138	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZI	0.13	278.3	I	07:22:37.574	37.4	98.1	-0.0	347.55	8.8	_A_				---		139	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZI1	0.13	278.3	I	07:22:01.098	0.9					T__				---		81066	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZI3	0.13	277.7	I	07:22:01.173	1.0					T__				---		81067	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZI4	0.13	278.3	I	07:22:01.862	1.1					T__				---		81068	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.14	262.0	Pg	07:21:21.874	-0.4					T__	478.8			---	ML	1.4	81061	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.14	262.0	Lg	07:21:24.175	-0.9					T__				---		81069	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU23A	0.28	156.7	Lg	07:21:31.976	2.0					T__				---		81071	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.33	270.9	Lg	07:21:31.344	0.2					T__				---		81070	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU02A	0.37	52.9	Pg	07:21:25.852	-0.9					T__	191.2			---	ML	1.6	81073	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.37	52.9	Lg	07:21:32.836	-0.3					T__				---		81072	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU01A	0.64	209.6	Lg	07:21:43.424	1.1					T__				---		81074	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.64	24.6	Pn	07:21:34.100	0.3					T__	169.4			---	ML	2.1	81076	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.64	24.6	Lg	07:21:41.403	-0.1					T__				---		81075	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.67	26.9	Pn	07:21:34.329	0.2					T__	50.8			---	ML	1.6	81077	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	26.9	Lg	07:21:42.874	0.5					T__				---		81078	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU10A	0.72	266.1	Lg	07:21:43.339	-1.8					T__				---		81079	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BUD	0.83	240.2	Lg	07:21:47.641	-1.3					T__				---		81080	FDSN	HU	--	BUD	BUD	HHN	???	_	
ABAH	0.87	62.5	Pn	07:21:39.001	2.1					T__	57.4			---	ML	1.7	81063	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.87	62.5	Sn	07:21:49.227	-2.3					T__				---		81062	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	1.02	305.9	Lg	07:21:53.659	-0.7					T__				---		81081	FDSN	SK	--	BUD	BUD	HHE	???	_	

STOP  
Event bud2022oldk Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/25	07:43:22.16	0.26	0.80	48.5331	19.2956	3.7	2.8	10	0.0	0.0	20	0	78	0.31	1.70	sx	BUD	81129	BUD			
2022/07/25	07:43:20.51	1.35	0.83	48.5218	19.3164	5.2	3.5	151	0.0f		22	12	77	0.32	1.71	sx	ILOC	120	ILOC			133

(#PRIME)  
(locality : Viglas Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	8 BUD	81129
M	1.8		8 BUD	81129
ML	1.8	0.1	10 ILOC	120

Sta	Dist	EvAz	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	265.2	Pg	07:43:27.480	0.3					T__		56.1		___	ML	0.9	81141	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.32	265.2	Lg	07:43:31.935	-0.2					T__				___		81140	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU10A	0.71	196.5	Pn	07:43:36.069	-0.6					T__		108.1		___	ML	1.9	81143	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.71	196.5	Lg	07:43:45.272	-1.0					T__				___		81142	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.72	147.2	Pg	07:43:35.939	0.2					T__		69.2		___	ML	1.7	81148	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.72	147.2	Lg	07:43:46.073	-0.6					T__				___		81149	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.72	147.2	I	07:47:19.662	1.2	328.0	0.4	332.14	-0.6	TA_				___		140	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.74	149.8	Pn	07:43:38.034	0.8					T__		39.1		___	ML	1.5	81137	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.74	149.8	Lg	07:43:46.762	-0.4					T__				___		81144	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.78	92.4	Pg	07:43:36.135	0.1					T__		138.7		___	ML	2.1	81133	FDSN	SK	--	BUD	BUD	EHE	EHZ	_
KECS	0.78	92.4	Lg	07:43:47.200	-0.5					T__				___		81132	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.81	91.4	Pg	07:43:36.628	-0.0					T__		61.4		___	ML	1.7	81130	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.81	91.4	Lg	07:43:48.277	-0.6					T__				___		81131	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.90	115.9	Pg	07:43:38.764	-0.3					T__		67.9		___	ML	1.8	81134	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.90	115.9	Lg	07:43:51.801	-1.1					T__				___		81135	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.11	35.5	Pn	07:43:44.461	1.9					T__		18.6		___	ML	1.4	81138	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.11	35.5	Lg	07:43:59.397	-0.6					T__				___		81139	FDSN	PL	--	BUD	BUD	BHN	???	_	
JAVC	1.14	287.8	Pg	07:43:43.462	-0.2					T__		54.1		___	ML	1.9	81145	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
ABAH	1.30	99.3	Pg	07:43:46.725	0.7					T__		58.0		___	ML	2.0	81136	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	1.30	99.3	Sn	07:44:04.802	0.8					T__				___		81146	FDSN	HU	--	BUD	BUD	HHN	???	_	
MORC	1.71	317.8	Sn	07:44:14.100	-1.4					T__				___		81147	FDSN	CZ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022olib Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/25	10:03:35.30	0.41	0.77	47.8450	20.1307	4.8	0.4	21	0.0	0.0	14	0	236	0.17	0.71	sx	BUD	81268	BUD			
2022/07/25	10:03:33.45	1.71	0.67	47.8609	20.1521	2.7	1.0	108	0.0f		16	11	231	0.18	0.69	sx	ILOC	121	ILOC			253

(#PRIME)  
(locality : Kisdána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.0	4 BUD	81268
M	1.4		4 BUD	81268
ML	1.4	0.0	4 ILOC	121

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZI2	0.18	288.0	I	10:04:32.355	0.6					T__				___		81271	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.18	288.4	Pg	10:03:38.088	0.1					T__		385.0		___	ML	1.4	81269	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	288.4	Lg	10:03:41.028	-0.6					T__				___		81274	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI3	0.18	287.8	I	10:04:32.209	-0.1					T__				___		81270	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZI	0.18	288.2	I	10:04:31.541	-0.8	102.7	-5.3	347.65	10.3	TA_				___		141	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZI1	0.18	288.2	I	10:04:32.562	0.2					T__				___		81275	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZI4	0.19	288.2	I	10:04:33.325	0.3					T__				___		81276	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.19	275.6	Pg	10:03:38.088	0.2					T__		358.3		___	ML	1.4	81272	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	275.6	Lg	10:03:40.782	-0.6					T__				___		81277	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.36	43.6	Pg	10:03:41.046	-0.3					T__		90.2		___	ML	1.3	81273	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.36	43.6	Lg	10:03:46.634	-0.9					T__				___		81278	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.37	276.8	Lg	10:03:47.798	0.2					T__				___		81279	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.66	19.6	Lg	10:03:57.842	1.0					T__				___		81280	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.69	22.0	Pn	10:03:48.853	-0.3					T__		33.0		___	ML	1.4	81281	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_

JOS 0.69 22.0 Lg 10:03:59.005 1.3 T\_\_ --- 81282 FDSN ZJ -- BUD BUD HHN ??? \_

STOP  
Event bud2022omzm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/26	08:00:03.44	1.07	0.36	47.7157	18.9387	11.1	5.2	28	0.0	0.0	13	0	279	0.14	1.33	sx	BUD	81505	BUD			
2022/07/26	08:00:04.86	1.77	0.96	47.8611	19.1308	5.1	2.7	83	0.0f		15	9	170	0.08	1.14	sx	ILOC	122	ILOC			255

(#PRIME)  
(locality : Dunabogdány Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.4	5 BUD	81505
M	1.6		5 BUD	81505
ML	1.4	0.1	5 ILOC	122

Sta	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	258.1	Pg	08:00:06.375	-0.6					T__		1446.6		___	ML	1.7	81506	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.08	258.1	Lg	08:00:07.595	-1.3					T__				___		81507	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.32	82.1	Lg	08:00:18.934	1.9					T__				___		81508	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
ET1H	0.50	87.7	Lg	08:00:23.867	0.5					T__				___		81509	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.52	83.4	I	08:02:52.177	-1.4	262.2	-1.8	323.34	-8.6	TA_				___		142	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.52	83.4	Lg	08:00:24.782	0.3					T__				___		81510	FDSN	GE	--	BUD	BUD	HHN	???	_	
VYHS	0.66	342.8	Pg	08:00:17.968	-0.5					T__		14.2		___	ML	1.0	81512	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.66	342.8	Lg	08:00:28.443	0.1					T__				___		81511	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU02A	0.97	73.9	Pg	08:00:25.087	0.2					T__		23.9		___	ML	1.4	81513	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.97	73.9	Sn	08:00:39.934	-0.8					T__				___		81514	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
KECS	1.10	55.0	Pg	08:00:27.629	0.9					T__		130.8		___	ML	2.2	81516	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	1.10	55.0	Lg	08:00:45.324	-0.7					T__				___		81515	FDSN	SK	--	BUD	BUD	EHE	???	_	
JOS	1.14	55.5	Pg	08:00:28.239	0.8					T__		16.3		___	ML	1.3	81517	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.14	55.5	Sn	08:00:45.019	0.6					T__				___		81518	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022oneu Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/26	10:41:04.63	0.50	0.37	47.8462	19.1085	8.7	3.5	1	0.0	0.0	6	0	183	0.06	0.67	sx	BUD	81600	BUD			
2022/07/26	10:41:02.88	2.53	4.72	47.9096	19.2862	5.3	2.1	88	0.0f		8	6	156	0.19	0.66	sx	ILOC	123	ILOC			238

(#PRIME)  
(locality : Sejce-Vác Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.0	1 BUD	81600
M	1.8		1 BUD	81600

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.19	250.4	Pg	10:41:05.532	-1.7					T__		1971.2		___	ML	2.1	81601	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.19	250.4	Lg	10:41:06.275	-4.6					T__				___		81602	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.21	91.5	Lg	10:41:15.647	4.3					T__				___		81603	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.39	94.2	Lg	10:41:20.608	2.8					T__				___		81604	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.41	88.6	I	10:43:08.091	-7.4	273.0	3.9	320.54	-12.5	TA_				___		143	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.41	88.5	Lg	10:41:21.380	2.6					T__				___		81605	FDSN	GE	--	BUD	BUD	HHN	???	_	
VYHS	0.66	332.9	Lg	10:41:26.121	-0.0					T__				___		81606	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022ooqq Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/27	05:48:26.39	0.58	0.23	46.0334	22.9031	9.5	4.4	86	0.0	0.0	6	0	191	0.15	0.98	sx	BUD	81695	BUD			
2022/07/27	05:48:24.73	2.33	0.67	46.0612	22.7264	11.6	4.6	48	0.0f		8	5	146	0.22	2.69	sx	ILOC	124	ILOC			190

(#PRIME)  
(locality : Baita Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.1	2 BUD	81695
M	1.3		2 BUD	81695

Sta	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	145.2	Pg	05:48:29.068	0.2					T__		493.1		___	ML	1.6	81696	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DEV	0.22	145.2	Lg	05:48:30.858	-1.1					T__				___		81698	FDSN	RO	--	BUD	BUD	HHN	???	_	
GZR	0.67	177.0	Pg	05:48:38.527	1.0					T__		25.1		___	ML	1.3	81697	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	0.67	177.0	Lg	05:48:47.181	0.1					T__				___		81699	FDSN	RO	--	BUD	BUD	HHN	???	_	
DRGR	0.73	359.2	Lg	05:48:51.269	-0.0					T__				___		81700	FDSN	RO	--	BUD	BUD	HHN	???	_	
BZS	0.89	240.6	Sn	05:48:57.921	-0.4					T__				___		81701	FDSN	RO	--	BUD	BUD	HHE	???	_	
PSZI	2.69	314.8	I	06:05:19.392	-0.2	133.6	0.9	316.25	-75.3	TA_				___		144	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022oqnp Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/28	06:33:17.00	0.24	0.89	47.8791	19.4304	4.2	2.1	165	0.0	0.0	22	0	125	0.12	2.12	kx	BUD	82078	BUD			
2022/07/28	06:33:14.84			47.8920	19.4049				0.0							kx	BUD_GT	1	BUD			
2022/07/28	06:33:15.08	1.40	1.05	47.8789	19.4214	4.7	1.7	82	0.0f		24	16	124	0.12	2.11	kx	ILOC	125	ILOC			156

(#PRIME)  
(locality : Bercel Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.2	5 BUD	82078
M	1.9		5 BUD	82078
ML	1.8	0.3	7 ILOC	125

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.12	78.2	Pg	06:33:17.967	-0.1					T__		1548.3		___	ML	1.8	82080	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.12	78.2	Lg	06:33:20.833	0.3					T__				___		82088	FDSN	ZJ	00	BUD	BUD	HHZ	???	_	
HU10A	0.27	263.1	Pg	06:33:21.107	0.0					T__		1143.1		___	ML	2.1	82079	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.27	263.1	Lg	06:33:25.690	-0.2					T__				___		82089	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.30	89.8	Pg	06:33:21.180	-0.7					T__		136.0		___	ML	1.3	82082	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.30	89.8	Lg	06:33:26.512	-0.4					T__				___		82081	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.32	82.8	I	06:35:00.262	1.8	266.5	3.3	321.02	-13.4	TA_				___		145	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.32	82.7	Pg	06:33:21.710	-0.7					T__		261.9		___	ML	1.6	82083	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.32	82.7	Lg	06:33:27.370	-0.6					T__				___		82084	FDSN	GE	--	BUD	BUD	HHN	???	_	
BUD	0.48	214.3	Lg	06:33:32.632	-0.6					T__				___		82090	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	0.73	327.7	Pg	06:33:31.059	1.1					T__		30.3		___	ML	1.4	82085	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.73	327.7	Lg	06:33:40.298	-0.5					T__				___		82092	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU09A	0.74	251.5	Lg	06:33:41.827	-0.4					T__				___		82091	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

HU02A	0.78	71.4	Lg	06:33:42.714	-0.8	T__										82093	FDSN	ZJ	00	BUD	BUD	HHN	???	_			
KECS	0.93	49.3	Pg	06:33:33.852	0.1	T__					171.5					---	ML	2.3	82095	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.93	49.3	Lg	06:33:47.510	-0.3	T__										---		82094	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.97	50.1	Pg	06:33:34.637	0.3	T__					62.4					---	ML	1.8	82086	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.97	50.1	Sn	06:33:48.186	-2.3	T__										---		82096	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU08A	1.11	246.7	Sn	06:33:53.877	-0.0	T__										---		82097	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ABAH	1.29	70.4	Sn	06:33:59.518	1.4	T__										---		82098	FDSN	HU	--	BUD	BUD	HHN	???	_	
JAVC	1.52	310.7	Sn	06:34:07.157	1.7	T__										---		82087	FDSN	CZ	--	BUD	BUD	HHN	???	_	
NIE	1.65	20.4	Sn	06:34:09.135	1.3	T__										---		82099	FDSN	PL	--	BUD	BUD	BHN	???	_	
RONA	2.11	266.3	Sn	06:34:20.737	2.1	T__										---		82100	FDSN	OE	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022oqrf Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/28	08:22:43.15	0.49	0.51	48.9520	21.3100	6.7	5.2	171	0.0	0.0	8	0	145	0.64	1.16	sx	BUD	82199	BUD				
2022/07/28	08:22:40.47	1.88	0.57	49.0390	21.1837	16.1	6.6	39	0.0f		9	7	154	0.69	1.41	sx	ILOC	126	ILOC				238

(#PRIME)  
(locality : Hubošovce Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.0	2 BUD	82199
M	1.4		2 BUD	82199
ML	1.7	0.4	4 ILOC	126

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L			
JOS	0.69	218.3	Pn	08:22:57.315	-0.2					T__		37.6			---	ML	1.5	82202	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_	
JOS	0.69	218.3	Lg	08:23:04.583	0.1					T__						---		82204	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
NIE	0.69	303.6	Sn	08:23:09.012	0.1					T__						---		82203	FDSN	PL	--	BUD	BUD	BHN	???	_	
KECS	0.72	220.0	Pn	08:22:56.979	-1.0					T__		131.7				---	ML	2.0	82205	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.72	220.0	Lg	08:23:05.890	0.3					T__						---		82206	FDSN	SK	--	BUD	BUD	EHN	???	_	
KOLS	0.73	98.0	Pg	08:22:54.698	0.3					T__						---		82201	FDSN	SK	--	BUD	BUD	HHZ	???	_	
HU02A	1.02	205.7	Pg	08:23:02.045	0.8					T__		24.7				---	ML	1.5	82200	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
TRPA	1.28	134.8	Pg	08:23:05.437	0.4					T__		58.1				---	ML	2.0	82207	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
PSZI	1.41	217.9	I	08:32:25.063	75.5	40.0	3.1	337.89	-35.5	_A_						---		146	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022oqul Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/07/28	09:59:57.20	0.29	0.85	48.7261	21.4544	4.5	2.9	170	0.0	0.0	15	0	115	0.45	1.38	sx	BUD	82422	BUD				
2022/07/28	09:59:53.10	1.12	1.25	48.7743	21.5470	9.2	6.4	34	0.0f		16	9	122	0.51	1.40	sx	ILOC	127	ILOC				183

(#PRIME)  
(locality : Slanec Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.1	4 BUD	82422
M	1.4		4 BUD	82422
ML	1.6	0.1	6 ILOC	127

Sta	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	0.51	71.4	Pn	10:00:09.348	1.8					T__						---		82430	FDSN	SK	--	BUD	BUD	HHZ	???	_
KOLS	0.51	71.4	Sn	10:00:16.305	-0.7					T__						---		82432	FDSN	SK	--	BUD	BUD	HHN	???	_



ABAH	0.52	203.2	Pn	10:00:06.317	-1.5	T__	75.5	___	ML	1.6	82423	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.52	203.2	Lg	10:00:12.635	0.2	T__		___			82424	FDSN	HU	--	BUD	BUD	HHN	???	_
JOS	0.72	247.7	Pn	10:00:08.691	-0.7	T__	42.8	___	ML	1.5	82425	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.72	247.7	Lg	10:00:18.350	0.0	T__		___			82433	FDSN	ZJ	--	BUD	BUD	HHN	???	_
KECS	0.76	247.9	Pn	10:00:09.969	0.0	T__	100.4	___	ML	1.9	82427	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.76	247.9	Lg	10:00:19.482	-0.1	T__		___			82434	FDSN	SK	--	BUD	BUD	EHN	???	_
TRPA	0.92	133.9	Pn	10:00:14.132	1.9	T__	69.6	___	ML	1.9	82429	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TRPA	0.92	133.9	Lg	10:00:26.183	-0.7	T__		___			82428	FDSN	HU	--	BUD	BUD	HHN	???	_
HU02A	0.94	226.6	Pn	10:00:13.402	0.8	T__	40.9	___	ML	1.6	82426	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.94	226.6	Sn	10:00:25.690	-2.9	T__		___			82435	FDSN	ZJ	00	BUD	BUD	HHN	???	_
NIE	1.04	308.6	Pn	10:00:15.200	1.0	T__	14.1	___	ML	1.2	82431	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.04	308.6	Sn	10:00:30.903	-0.5	T__		___			82436	FDSN	PL	--	BUD	BUD	BHN	???	_
MEZ	1.33	100.6	Lg	10:00:41.801	0.3	T__		___			82437	FDSN	UA	--	BUD	BUD	BHN	???	_
PSZI	1.40	232.8	I	10:09:01.038	45.5	___	55.4	___			147	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022osnx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/07/29	08:58:01.73	0.24	0.93	48.2504	21.2681	3.5	2.4	4	0.0	0.0	19	0	76	0.05	2.00		kx BUD	83739	BUD			
2022/07/29	08:58:00.14			48.2470	21.2460				0.0								kx BUD_GT	1	BUD			
2022/07/29	08:57:59.93	1.27	1.53	48.2562	21.2802	5.9	4.3	66	0.0f		20	13	77	0.05	2.01		kx ILOC	128	ILOC			113

(#PRIME)  
(locality : Tálya Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	5 BUD	83739
M	1.7		5 BUD	83739
ML	1.7	0.2	6 ILOC	128

Sta	Dist	EvAz	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	325.9	Pg	08:58:01.880	0.4					T__	15509.4			_c_	ML	2.6	83740	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.05	325.9	Lg	08:58:02.674	-0.4					T__						83744	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.52	255.4	Pg	08:58:10.645	-0.3					T__	60.7			___	ML	1.5	83743	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.52	255.4	Lg	08:58:18.359	-1.1					T__						83745	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.55	296.2	Pg	08:58:11.247	0.3					T__	65.2			___	ML	1.6	83742	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.55	296.2	Lg	08:58:18.259	-1.1					T__						83741	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.58	293.5	Pg	08:58:11.850	0.3					T__	153.5			___	ML	2.0	83747	FDSN	SK	--	BUD	BUD	EHE	EHZ	_
KECS	0.58	293.5	Lg	08:58:20.176	-0.2					T__						83746	FDSN	SK	--	BUD	BUD	EHE	???	_	
TRPA	0.85	98.0	Pn	08:58:17.960	-0.0					T__	69.5			___	ML	1.8	83748	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TRPA	0.85	98.0	Lg	08:58:31.107	0.1					T__						83749	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOLS	0.95	43.8	Pn	08:58:20.784	1.3					T__						83752	FDSN	SK	--	BUD	BUD	HHZ	???	_	
KOLS	0.95	43.8	Lg	08:58:32.397	-2.6					T__						83751	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZ	0.99	250.5	Lg	08:58:34.945	-0.6					T__						83750	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.99	250.5	I	09:04:51.732	73.7	69.8	0.3	334.19	-7.4	_A_						148	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	1.02	248.8	Pn	08:58:20.449	0.2					T__	32.4			___	ML	1.6	83753	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	1.02	248.8	Lg	08:58:35.787	-0.3					T__						83754	FDSN	HU	--	BUD	BUD	HHN	???	_	
MEZ	1.51	79.3	Sn	08:58:51.807	2.1					T__						83755	FDSN	UA	--	BUD	BUD	BHN	???	_	
VYHS	1.65	279.2	Sn	08:58:54.033	1.8					T__						83756	FDSN	SK	--	BUD	BUD	HHN	???	_	
DRGR	1.76	146.0	Sn	08:58:57.967	3.1					T__						83757	FDSN	RO	--	BUD	BUD	HHN	???	_	
SIRR	2.01	172.5	Lg	08:59:06.413	-3.3					T__						83758	FDSN	RO	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022oxxe Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/01	07:20:29.32	0.74	0.41	46.0224	22.9100	8.6	4.3	27	0.0	0.0	8	0	207	0.14	0.98	sx	BUD	84370	BUD			
2022/08/01	07:20:28.39	2.46	1.41	46.0198	22.8010	12.2	4.3	41	0.0f		10	6	175	0.15	2.75	sx	ILOC	129	ILOC			202

(#PRIME)  
(locality : Baita Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.1	3 BUD	84370
M	2.0		3 BUD	84370
ML	2.1	0.1	3 ILOC	129

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
DEV	0.15	152.4	Pg	07:20:31.679	0.4					T__		2518.7		___	ML	2.1	84372	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DEV	0.15	152.4	Lg	07:20:33.135	-0.4					T__				___			84371	FDSN	RO	--	BUD	BUD	HHN	???	_
GZR	0.63	181.6	Pg	07:20:41.227	0.8					T__		91.0		___	ML	1.8	84373	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	0.63	181.6	Lg	07:20:49.318	-0.0					T__				___			84374	FDSN	RO	--	BUD	BUD	HHN	???	_
SIRR	0.83	287.7	Lg	07:20:58.243	-1.9					T__				___			84378	FDSN	RO	--	BUD	BUD	HHE	???	_
LOT	0.89	129.8	Pg	07:20:45.111	-0.3					T__		124.5		___	ML	2.1	84377	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
LOT	0.89	129.8	Lg	07:20:56.844	-1.6					T__				___			84376	FDSN	RO	--	BUD	BUD	HHN	???	_
BZS	0.92	244.5	Lg	07:21:01.537	2.2					T__				___			84375	FDSN	RO	--	BUD	BUD	HHN	???	_
PSZI	2.75	314.7	I	07:37:49.001	1.5	137.2	4.6	312.39	-75.6	TA_				___			149	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022oyek Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/01	10:59:13.47	0.73	0.12	48.0048	19.6376	9.8	4.3	128	0.0	0.0	7	0	216	0.10	0.78	kx	BUD	84567	BUD			
2022/08/01	10:59:11.54			48.0061	19.6278				0.0							kx	BUD_GT	1	BUD			
2022/08/01	10:59:11.65	2.14	0.86	48.0207	19.6442	5.9	1.0	121	0.0f		9	5	216	0.12	0.76	kx	ILOC	130	ILOC			289

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.1	3 BUD	84567
M	1.2		3 BUD	84567
ML	1.2	0.0	3 ILOC	130

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU03A	0.12	194.4	Pg	10:59:15.513	0.9					T__		361.2		___	ML	1.2	84571	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.12	194.4	Lg	10:59:16.308	-0.7					T__				___			84572	FDSN	ZJ	00	BUD	BUD	HHN	???	_
PSZI	0.20	121.5	I	11:00:15.410	0.5	296.6	-5.0	330.24	-6.8	TA_				___			150	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.20	121.2	Pg	10:59:17.154	0.7					T__		229.3		___	ML	1.2	84568	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.20	121.2	Lg	10:59:19.264	-1.0					T__				___			84573	FDSN	GE	--	BUD	BUD	HHE	???	_
HU02A	0.60	79.9	Lg	10:59:32.674	-1.2					T__				___			84569	FDSN	ZJ	00	BUD	BUD	HHN	???	_
JOS	0.76	51.2	Pn	10:59:28.375	-0.1					T__		21.5		___	ML	1.3	84574	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.76	51.2	Lg	10:59:38.587	0.1					T__				___			84570	FDSN	ZJ	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022pbog Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/03	07:21:52.23	0.34	1.01	47.8571	19.8254	4.7	2.8	155	0.0	0.0	16	0	130	0.08	1.60	sx	BUD	85242	BUD			
2022/08/03	07:21:49.94	1.51	0.91	47.8350	19.8559	5.1	0.5	16	0.0f		18	11	135	0.09	1.61	sx	ILOC	132	ILOC			208

(#PRIME)

(locality : Gyöngyöstarján Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	5 BUD	85242
M	1.7		5 BUD	85242
ML	1.8	0.2	6 ILOC	132

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZI	0.09	17.0	I	07:22:18.591	0.8	197.5	0.5	313.51	-26.3	TA_					152	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.09	17.3	Pg	07:21:51.918	-0.6					T__		2508.6		ML	1.9	85243	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.09	17.3	Lg	07:21:54.608	-0.2					T__					85244	FDSN	GE	--	BUD	BUD	HHE	???	_	
HU03A	0.19	291.9	Pg	07:21:54.315	0.1					T__		503.0		ML	1.5	85246	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.19	291.9	Lg	07:21:58.037	0.5					T__					85245	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU01A	0.52	198.1	Lg	07:22:09.831	0.4					T__					85249	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
HU02A	0.53	57.2	Pg	07:22:00.586	-0.7					T__		40.8		ML	1.4	85247	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.53	57.2	Lg	07:22:10.984	1.0					T__					85256	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU10A	0.56	271.3	Lg	07:22:09.750	-1.2					T__					85248	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.77	32.8	Pn	07:22:07.302	0.4					T__		133.6		ML	2.1	85251	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.77	32.8	Lg	07:22:17.194	0.0					T__					85250	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.80	34.4	Pn	07:22:07.221	-0.1					T__		53.7		ML	1.7	85253	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.80	34.4	Lg	07:22:17.923	-0.3					T__					85252	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
VYHS	0.95	314.4	Lg	07:22:21.099	-2.0					T__					85254	FDSN	SK	--	BUD	BUD	HHN	???	_	
ABAH	1.04	63.1	Pn	07:22:12.178	1.7					T__		73.1		ML	1.9	85255	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	1.04	63.1	Sn	07:22:25.974	-0.8					T__					85257	FDSN	HU	--	BUD	BUD	HHN	???	_	
NIE	1.61	10.4	Lg	07:22:45.318	-0.6					T__					85258	FDSN	PL	--	BUD	BUD	BHN	???	_	

STOP

Event bud2022pdmd Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/04	08:34:36.73	0.25	0.46	48.4958	19.3669	3.7	2.6	9	0.0	0.0	18	0	76	0.35	1.75	sx	BUD	85770	BUD			
2022/08/04	08:34:34.81	1.38	0.85	48.4626	19.3915	5.1	3.2	152	0.0f		20	13	73	0.37	1.79	sx	ILOC	133	ILOC			129

(#PRIME)

(locality : Stozok Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	6 BUD	85770
M	1.7		6 BUD	85770
ML	1.6	0.2	7 ILOC	133

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
VYHS	0.37	275.1	Pg	08:34:43.247	0.7					T__		47.5		ML	1.0	85780	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.37	275.1	Lg	08:34:48.122	-0.0					T__					85781	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU03A	0.58	165.9	Lg	08:34:56.583	0.9					T__					85782	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.64	148.1	Pg	08:34:49.153	0.6					T__		53.5		ML	1.6	85778	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.64	148.1	Lg	08:34:58.447	0.0					T__					85777	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.64	148.2	I	08:38:05.414	-0.5	326.5	-2.0	336.48	4.5	TA_					153	FDSN	HN	--	BUD	BUD	BDF	???	_	
HU10A	0.67	202.1	Lg	08:34:58.545	-0.7					T__					85783	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

KECS	0.73	88.0	Pn	08:34:50.961	-0.3	T__	135.9	___	ML	2.0	85774	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.73	88.0	Lg	08:35:00.858	0.6	T__		___			85773	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.76	87.1	Pn	08:34:51.016	-0.7	T__	64.3	___	ML	1.7	85771	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.76	87.1	Lg	08:35:01.953	0.4	T__		___			85772	FDSN	ZJ	--	BUD	BUD	HHN	???	_
HU02A	0.83	113.8	Pn	08:34:52.970	0.2	T__	42.5	___	ML	1.6	85775	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.83	113.8	Lg	08:35:04.181	-0.6	T__		___			85776	FDSN	ZJ	00	BUD	BUD	HHN	???	_
NIE	1.13	31.7	Pn	08:34:58.265	1.1	T__	16.1	___	ML	1.3	85779	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.13	31.7	Lg	08:35:12.690	-2.2	T__		___			85784	FDSN	PL	--	BUD	BUD	BHN	???	_
JAVC	1.21	289.8	Pn	08:34:58.802	0.3	T__	36.3	___	ML	1.7	85785	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
ABAH	1.24	97.0	Lg	08:35:17.773	-0.4	T__		___			85786	FDSN	HU	--	BUD	BUD	HHN	???	_
MODS	1.41	267.2	Sn	08:35:21.917	0.1	T__		___			85787	FDSN	SK	--	BUD	BUD	HHN	???	_
MORC	1.79	318.0	Sn	08:35:30.322	-1.4	T__		___			85788	FDSN	CZ	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022pffm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/05	07:29:30.49	0.59	0.64	47.9643	20.3605	9.1	3.9	148	0.0	0.0	9	0	201	0.19	0.68	sx	BUD	86169	BUD			
2022/08/05	07:29:29.08	1.73	0.65	47.9806	20.3665	5.1	1.7	79	0.0f		11	6	197	0.18	0.66	sx	ILOC	134	ILOC			222

(#PRIME)  
(locality : Eger-III Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.1	4 BUD	86169
M	1.2		4 BUD	86169
ML	1.1	0.1	4 ILOC	134

Sta	Dist	EvAz	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	36.8	Pg	07:29:33.158	-0.1					T__		199.5		___	ML	1.1	86170	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.18	36.8	Lg	07:29:36.317	-0.5					T__				___		86176	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.32	259.1	Pg	07:29:36.819	0.4					T__		54.3		___	ML	0.9	86172	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.32	259.1	Lg	07:29:40.654	-1.3					T__				___		86177	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.32	259.0	I	07:31:14.404	0.6	77.9	-0.8	344.77	10.4	TA_				___		154	FDSN	HN	--	BUD	BUD	BDF	???	_	
KECS	0.51	9.0	Lg	07:29:47.396	0.1					T__				___		86178	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.53	12.6	Pg	07:29:40.191	0.4					T__		25.6		___	ML	1.2	86171	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.53	12.6	Lg	07:29:48.060	0.1					T__				___		86173	FDSN	ZJ	--	BUD	BUD	HHE	???	_	
ABAH	0.66	61.3	Pg	07:29:43.150	0.7					T__		26.4		___	ML	1.3	86175	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.66	61.3	Lg	07:29:53.230	-0.4					T__				___		86174	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022pfij Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/05	08:56:04.54	0.54	0.47	46.8950	22.8604	7.3	4.8	91	0.0	0.0	8	0	165	0.15	1.58	sx	BUD	86233	BUD			
2022/08/05	08:56:03.26	2.58	1.24	46.9231	22.7923	10.2	4.6	32	0.0f		10	7	162	0.14	2.21	sx	ILOC	135	ILOC			217

(#PRIME)  
(locality : Poieni Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.3	2 BUD	86233
M	1.6		2 BUD	86233

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
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DRGR	0.14	203.0	Pg	08:56:07.457	1.0	T__						436.9	___	ML	1.3	86234	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.14	203.0	Lg	08:56:09.593	0.4	T__							___			86235	FDSN	RO	--	BUD	BUD	HHN	???	_
SIRR	1.02	230.4	Sn	08:56:37.508	-2.4	T__							___			86236	FDSN	RO	--	BUD	BUD	HHE	???	_
TRPA	1.22	352.0	Sn	08:56:44.728	-0.5	T__							___			86237	FDSN	HU	--	BUD	BUD	HHE	???	_
GZR	1.53	180.4	Pg	08:56:33.135	0.9	T__						27.2	___	ML	1.8	86239	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	1.53	180.4	Sn	08:56:52.254	-0.5	T__							___			86238	FDSN	RO	--	BUD	BUD	HHE	???	_
BZS	1.54	212.4	Sn	08:56:52.152	-0.3	T__							___			86240	FDSN	RO	--	BUD	BUD	HHN	???	_
LOT	1.62	154.9	Sn	08:56:54.084	-1.5	T__							___			86241	FDSN	RO	--	BUD	BUD	HHN	???	_
PSZI	2.21	297.9	I	09:09:58.400	0.2	120.1	4.3	315.64	-96.1	TA_			___			155	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022pkqw Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/08	06:55:04.23	1.40	0.54	46.9525	22.9124	14.5	10.7	176	0.0	0.0	7	0	311	0.21	1.60	sx	BUD	86738	BUD			
2022/08/08	06:55:05.51	2.64	0.89	46.8526	22.7761	10.6	4.7	33	0.0f		9	5	240	0.08	2.23	sx	ILOC	136	ILOC			306

(#PRIME)  
(locality : Poieni Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.1	2 BUD	86738
M	1.4		2 BUD	86738
ML	1.3	0.2	3 ILOC	136

Sta	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	216.2	Pg	06:55:07.484	0.1	T__						421.2	___	ML	1.1	86739	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.08	216.2	Lg	06:55:09.932	0.7	T__							___			86742	FDSN	RO	--	BUD	BUD	HHN	???	_
SIRR	0.97	233.2	Pn	06:55:25.475	0.2	T__						16.6	___	ML	1.3	86744	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
SIRR	0.97	233.2	Sn	06:55:40.465	-0.4	T__							___			86743	FDSN	RO	--	BUD	BUD	HHN	???	_
GZR	1.46	180.0	Pn	06:55:32.933	0.3	T__						20.1	___	ML	1.6	86741	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	1.46	180.0	Sn	06:55:53.283	0.0	T__							___			86745	FDSN	RO	--	BUD	BUD	HHN	???	_
BZS	1.48	213.5	Lg	06:55:56.641	-2.0	T__							___			86740	FDSN	RO	--	BUD	BUD	HHN	???	_
PSZI	2.23	299.6	I	07:09:09.823	0.0	111.9	-5.6	326.41	-84.9	TA_			___			156	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022pkrd Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/08	07:03:24.31	0.31	0.84	47.7326	18.4898	4.2	2.9	147	0.0	0.0	11	0	124	0.12	1.42	sx	BUD	86770	BUD			
2022/08/08	07:03:21.42	1.96	1.60	47.7440	18.5616	5.0	4.6	87	0.0f		13	10	129	0.16	1.37	sx	ILOC	137	ILOC			150

(#PRIME)  
(locality : Bersekbánya-I Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.1	2 BUD	86770
M	1.8		2 BUD	86770

Sta	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	0.16	229.0	Pg	07:03:25.139	0.0	T__						1397.9	___	ML	1.9	86771	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU09A	0.16	229.0	Lg	07:03:27.294	-1.2	T__							___			86776	FDSN	ZJ	00	BUD	BUD	HHN	???	_
SRO	0.18	292.6	Pg	07:03:25.903	0.4	T__						1440.8	___	ML	2.0	86772	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
SRO	0.18	292.6	Lg	07:03:28.209	-0.9	T__							___			86773	FDSN	SK	--	BUD	BUD	EHN	???	_
HU10A	0.32	71.6	Lg	07:03:36.639	2.5	T__							___			86774	FDSN	ZJ	00	BUD	BUD	HHN	???	_

CSKK	0.43	208.3	Lg	07:03:37.710	-0.3	T__	---	86775	FDSN	HU	--	BUD	BUD	HHN	???	_				
HU08A	0.53	234.3	Lg	07:03:40.804	-0.3	T__	---	86777	FDSN	ZJ	00	BUD	BUD	HHE	???	_				
VYHS	0.77	13.7	Sn	07:03:50.585	-2.0	T__	---	86778	FDSN	SK	--	BUD	BUD	HHN	???	_				
PSZI	0.91	78.5	I	07:08:28.393	-2.6	257.0	-2.5	323.96	-14.1	TA_	---	157	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.91	78.5	Lg	07:03:54.927	0.3	T__	---	86779	FDSN	GE	--	BUD	BUD	HHN	???	_				
MODS	1.07	306.7	Lg	07:03:58.372	-1.0	T__	---	86780	FDSN	SK	--	BUD	BUD	HHN	???	_				
HU02A	1.37	73.3	Sn	07:04:09.247	2.2	T__	---	86781	FDSN	ZJ	00	BUD	BUD	HHN	???	_				

STOP  
Event bud2022pmtm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/09	10:30:41.09	1.27	0.30	48.0097	19.5675	13.8	4.8	119	0.0	0.0	7	0	244	0.11	1.16	kx	BUD	87364	BUD			
2022/08/09	10:30:39.93			48.0061	19.6278				0.0							kx	BUD_GT	1	BUD			
2022/08/09	10:30:39.96	2.38	0.48	48.0113	19.6331	6.0	1.0	118	0.0f		9	6	219	0.11	1.11	kx	ILOC	138	ILOC			292

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	2 BUD	87364
M	1.5		2 BUD	87364

Sta	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	191.8	Pg	10:30:43.081	0.4					T__		594.5		___	ML	1.4	87367	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.11	191.8	Lg	10:30:44.424	-0.5					T__				___		87366	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	0.20	118.0	I	10:31:44.056	0.2	298.0	-0.2	326.05	-11.0	TA_				___		158	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.20	117.8	Pg	10:30:45.283	0.5					T__		414.6		___	ML	1.5	87365	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.20	117.8	Lg	10:30:48.032	-0.6					T__				___		87368	FDSN	GE	--	BUD	BUD	HHN	???	_	
HU02A	0.61	79.2	Lg	10:31:01.989	-0.5					T__				___		87369	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.78	51.0	Lg	10:31:07.297	0.1					T__				___		87370	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	1.11	74.6	Sn	10:31:18.451	-0.3					T__				___		87371	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022popm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/10	10:45:14.92	0.74	0.67	47.8086	20.1811	9.7	3.3	165	0.0	0.0	14	0	228	0.22	1.13	sx	BUD	88038	BUD			
2022/08/10	10:45:14.04	1.47	0.87	47.8694	20.1584	5.2	1.0	105	0.0f		16	8	216	0.18	1.08	sx	ILOC	139	ILOC			231

(#PRIME)  
(locality : Kishána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	7 BUD	88038
M	1.6		7 BUD	88038
ML	1.4	0.1	7 ILOC	139

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	285.5	Pg	10:45:19.165	0.6					T__		837.4		___	ML	1.7	88040	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	285.5	Lg	10:45:22.269	0.0					T__				___		88039	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.18	285.3	I	10:46:12.646	-0.8	104.0	-1.1	343.12	5.8	TA_				___		159	FDSN	HN	--	BUD	BUD	BDF	???	_	
HU02A	0.35	44.1	Pg	10:45:21.910	0.1					T__		146.2		___	ML	1.4	88041	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.35	44.1	Lg	10:45:27.241	-0.6					T__				___		88046	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

HU03A	0.38	275.4	Pg	10:45:22.965	0.8	T__	117.2	___	ML	1.4	88050	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.38	275.4	Lg	10:45:28.069	-0.2	T__		___			88049	FDSN	ZJ	00	BUD	BUD	HHZ	???	_
KECS	0.65	19.5	Pg	10:45:27.863	0.7	T__	151.9	___	ML	2.0	88047	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.65	19.5	Lg	10:45:38.219	1.1	T__		___			88051	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.68	22.0	Pg	10:45:27.479	-0.1	T__	31.2	___	ML	1.4	88042	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.68	22.0	Lg	10:45:37.987	0.0	T__		___			88052	FDSN	ZJ	--	BUD	BUD	HHN	???	_
ABAH	0.84	59.1	Pn	10:45:31.518	-0.3	T__	50.5	___	ML	1.7	88043	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.84	59.1	Sn	10:45:44.008	-2.2	T__		___			88048	FDSN	HU	--	BUD	BUD	HHN	???	_
VYHS	1.08	305.7	Pg	10:45:36.325	0.4	T__	10.8	___	ML	1.1	88044	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.08	305.7	Lg	10:45:50.640	-1.1	T__		___			88045	FDSN	SK	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022poqa Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/10	11:01:47.70	0.31	0.72	45.9624	22.3510	4.3	3.4	31	0.0	0.0	11	0	84	0.39	1.12	sx	BUD	88089	BUD			
2022/08/10	11:01:45.85	1.60	1.15	46.0565	22.3380	6.8	4.2	56	0.0f		13	7	94	0.43	2.50	sx	ILOC	140	ILOC			154

(#PRIME)  
(locality : Zam Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.4	5 BUD	88089
M	1.7		5 BUD	88089
ML	1.6	0.2	5 ILOC	140

Sta	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	0.43	113.5	Lg	11:02:00.491	0.4					T__				___		88090	FDSN	RO	--	BUD	BUD	HHE	???	_	
SIRR	0.52	294.4	Pg	11:01:57.847	1.2					T__		39.3		___	ML	1.3	88095	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
SIRR	0.52	294.4	Lg	11:02:05.779	0.9					T__				___		88096	FDSN	RO	--	BUD	BUD	HHN	???	_	
BZS	0.67	229.2	Pg	11:01:58.864	-0.1					T__		34.8		___	ML	1.4	88094	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
BZS	0.67	229.2	Lg	11:02:08.016	-0.6					T__				___		88093	FDSN	RO	--	BUD	BUD	HHN	???	_	
GZR	0.73	155.0	Pg	11:01:59.474	-0.4					T__		104.0		___	ML	1.9	88091	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	0.73	155.0	Lg	11:02:09.033	-1.2					T__				___		88092	FDSN	RO	--	BUD	BUD	HHN	???	_	
DRGR	0.78	19.2	Pn	11:02:03.745	0.5					T__		42.2		___	ML	1.6	88098	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.78	19.2	Lg	11:02:16.762	-0.1					T__				___		88097	FDSN	RO	--	BUD	BUD	HHN	???	_	
LOT	1.17	120.8	Pg	11:02:08.147	-0.1					T__		276.4		___	ML	2.6	88099	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
LOT	1.17	120.8	Lg	11:02:23.198	-2.1					T__				___		88100	FDSN	RO	--	BUD	BUD	HHN	???	_	
PSZI	2.50	318.9	I	11:17:31.418	-2.1	139.4	2.2	343.69	-57.3	TA_				___		160	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022pqdo Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/11	07:00:33.78	0.32	0.58	48.3278	19.8533	4.4	3.2	161	0.0	0.0	13	0	91	0.41	1.13	sx	BUD	88308	BUD			
2022/08/11	07:00:32.28	1.54	0.71	48.2875	19.8592	5.3	1.9	175	0.0f		15	9	87	0.37	1.17	sx	ILOC	141	ILOC			169

(#PRIME)  
(locality : Velke-Dravce Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.1	4 BUD	88308
M	1.7		4 BUD	88308
ML	1.6	0.1	6 ILOC	141

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.37	176.3	Pg	07:00:40.903	0.4					T__		173.2		___ ML	1.6	88309	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.37	176.3	Lg	07:00:46.759	0.1					T__				___		88315	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.37	176.4	I	07:02:31.547	-0.8	358.0	1.5	347.25	13.7	TA_				___		161	FDSN	HN	--	BUD	BUD	BDF	???	_
HU03A	0.42	204.5	Lg	07:00:48.662	0.8					T__				___		88317	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KECS	0.46	64.6	Pg	07:00:42.056	0.4					T__		182.4		___ ML	1.8	88312	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.46	64.6	Lg	07:00:47.680	-1.1					T__				___		88316	FDSN	SK	--	BUD	BUD	EHN	???	_
HU02A	0.48	110.1	Pg	07:00:42.481	0.1					T__		85.6		___ ML	1.6	88311	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.48	110.1	Lg	07:00:49.703	-0.4					T__				___		88310	FDSN	ZJ	00	BUD	BUD	HHN	???	_
JOS	0.50	65.1	Pg	07:00:42.542	0.2					T__		85.9		___ ML	1.6	88313	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.50	65.1	Lg	07:00:49.055	-1.0					T__				___		88318	FDSN	ZJ	--	BUD	BUD	HHN	???	_
VYHS	0.71	287.2	Pg	07:00:47.275	0.5					T__		14.5		___ ML	1.1	88314	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.71	287.2	Lg	07:00:56.227	-1.0					T__				___		88319	FDSN	SK	--	BUD	BUD	HHN	???	_
ABAH	0.92	89.0	Lg	07:01:04.935	-0.5					T__				___		88320	FDSN	HU	--	BUD	BUD	HHE	???	_
NIE	1.17	14.3	Pn	07:00:55.834	0.7					T__		15.3		___ ML	1.3	88321	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_

STOP  
Event bud2022psdr Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/12	09:19:56.62	0.39	0.52	46.0840	21.6532	6.6	3.3	78	0.0	0.0	11	0	156	0.18	1.61	sx	BUD	88907	BUD			
2022/08/12	09:19:54.61	1.65	0.94	46.1251	21.5641	9.4	4.3	61	0.0f		13	7	152	0.16	2.13	sx	ILOC	142	ILOC			197

(#PRIME)  
(locality : Lipova Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.2	0.4	5 BUD	88907
M	2.2		5 BUD	88907
ML	2.4	0.0	5 ILOC	142

Sta	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	25.0	Pg	09:19:59.099	0.8					T__		1059.0		___ ML	1.8	88908	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
SIRR	0.16	25.0	Lg	09:20:01.539	0.1					T__				___		88909	FDSN	RO	--	BUD	BUD	HHN	???	_
BZS	0.51	175.9	Pg	09:20:05.353	0.6					T__		81.5		_c_ ML	1.6	88910	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
BZS	0.51	175.9	Lg	09:20:11.508	-0.6					T__				___		88911	FDSN	RO	--	BUD	BUD	HHN	???	_
HU24A	0.83	340.5	Sn	09:20:26.356	-0.0					T__				___		88912	FDSN	ZJ	00	BUD	BUD	HHN	???	_
DRGR	1.04	49.5	Pg	09:20:16.031	0.8					T__		211.9		___ ML	2.4	88916	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	1.04	49.5	Sn	09:20:30.119	-1.9					T__				___		88915	FDSN	RO	--	BUD	BUD	HHN	???	_
GZR	1.12	130.3	Pn	09:20:16.898	-0.1					T__		198.0		___ ML	2.4	88914	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	1.12	130.3	Lg	09:20:30.627	-0.9					T__				___		88913	FDSN	RO	--	BUD	BUD	HHN	???	_
LOT	1.69	112.9	Pn	09:20:25.437	0.3					T__		167.6		___ ML	2.7	88917	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
LOT	1.69	112.9	Sn	09:20:46.895	-1.3					T__				___		88918	FDSN	RO	--	BUD	BUD	HHN	???	_
PSZI	2.13	328.1	I	09:33:18.025	-0.8	144.8	-2.1	319.59	-93.1	TA_				___		162	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022qddx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/18	09:57:23.17	1.14	0.34	47.8041	20.1862	14.2	4.1	164	0.0	0.0	10	0	254	0.23	1.14	sx	BUD	91129	BUD			
2022/08/18	09:57:23.07	1.76	0.82	47.8898	20.1525	5.3	0.9	99	0.0f		12	7	219	0.18	1.07	sx	ILOC	143	ILOC			243

(#PRIME)  
(locality : Kiszána Hungary)



Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	5 BUD	91129
M	1.6		5 BUD	91129
ML	1.5	0.1	5 ILOC	143

Sta	Dist	EvAz	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	279.4	Pg	09:57:27.863	0.4					T__		563.0		___	ML	1.5	91132	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	279.4	Lg	09:57:29.877	-1.1					T__				___		91137	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.18	279.2	I	09:58:20.897	1.0	104.3	5.2	338.80	1.3	TA_				___		163	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.19	266.9	Pg	09:57:27.863	0.3					T__		430.4		___	ML	1.5	91133	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	266.9	Lg	09:57:30.139	-0.9					T__				___		91138	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.34	46.9	Pg	09:57:30.876	0.3					T__		112.1		___	ML	1.3	91130	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.34	46.9	Lg	09:57:35.574	-0.9					T__				___		91139	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.63	20.4	Pg	09:57:36.013	0.2					T__		87.9		___	ML	1.8	91134	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
JOS	0.66	23.0	Pg	09:57:37.066	0.8					T__		28.8		___	ML	1.3	91131	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.66	23.0	Lg	09:57:47.035	0.6					T__				___		91135	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
VYHS	1.07	305.0	Lg	09:57:59.351	-0.9					T__				___		91136	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022qfdb Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/19	11:48:00.84	1.63	0.29	47.0789	22.3929	22.4	5.6	20	0.0	0.0	5	0	243	0.36	1.71	sx	BUD	91540	BUD			
2022/08/19	11:48:00.42	2.43	2.25	46.9958	22.3759	10.0	4.5	30	0.0f		7	4	191	0.31	1.92	sx	ILOC	144	ILOC			230

(#PRIME)  
(locality : Subpiatra Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.3	2 BUD	91540
M	1.7		2 BUD	91540

Sta	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	131.5	Pg	11:48:07.486	0.7					T__		149.7		___	ML	1.3	91542	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
DRGR	0.31	131.5	Lg	11:48:12.069	0.0					T__				___		91541	FDSN	RO	--	BUD	BUD	HHN	???	_	
HU24A	0.84	264.6	Sn	11:48:28.521	-3.8					T__				___		91543	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
GZR	1.63	170.0	Pg	11:48:31.880	0.6					T__		27.3		___	ML	1.8	91544	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_
GZR	1.63	170.0	Sn	11:48:53.901	1.7					T__				___		91545	FDSN	RO	--	BUD	BUD	HHN	???	_	
PSZI	1.92	299.6	I	12:00:03.347	1.4	119.1	1.3	320.84	-88.5	TA_				___		164	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022qmdm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/23	07:57:49.05	0.42	0.65	47.9884	19.5967	4.5	4.0	89	0.0	0.0	11	0	136	0.08	1.14	kx	BUD	92314	BUD			
2022/08/23	07:57:47.33			48.0061	19.6278				0.0								kx	BUD_GT	1	BUD		
2022/08/23	07:57:47.34	1.91	0.72	48.0089	19.6302	5.6	1.0	117	0.0f		13	9	121	0.11	1.12	kx	ILOC	146	ILOC			218

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.2	4 BUD	92314
M	1.2		4 BUD	92314

ML 1.3 0.2 4 ILOC 146

Sta	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	191.0	Pg	07:57:50.651	0.6					T__		398.6		___	ML	1.2	92318	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.11	191.0	Lg	07:57:51.929	-0.3					T__				___		92320	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	0.20	117.1	I	07:58:51.206	-0.2	297.6	0.3	329.89	-7.1	TA_				___		166	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.20	116.9	Pg	07:57:52.349	0.2					T__		340.3		___	ML	1.4	92315	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.20	116.9	Lg	07:57:55.307	-0.7					T__				___		92321	FDSN	GE	--	BUD	BUD	HHN	???	_	
ET1H	0.21	128.6	Pg	07:57:52.477	0.3					T__		110.6		___	ML	0.9	92317	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.21	128.6	Lg	07:57:55.909	0.1					T__				___		92316	FDSN	HU	--	BUD	BUD	HHE	???	_	
HU02A	0.61	79.0	Pg	07:58:01.095	0.9					T__		39.7		___	ML	1.4	92319	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
VYHS	0.72	312.7	Lg	07:58:12.080	-0.6					T__				___		92322	FDSN	SK	--	BUD	BUD	HHN	???	_	
KECS	0.74	50.0	Lg	07:58:13.369	-0.1					T__				___		92323	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.78	50.9	Sn	07:58:16.457	-1.6					T__				___		92324	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	1.12	74.5	Sn	07:58:25.711	-0.5					T__				___		92325	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022qny Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/24	07:46:27.29	0.24	0.92	47.8420	20.1434	3.3	2.4	159	0.0	0.0	22	0	92	0.18	2.24	kx	BUD	92958	BUD			
2022/08/24	07:46:26.08			47.8987	20.0893				0.0							kx	BUD_GT	1	BUD			
2022/08/24	07:46:25.27	1.27	2.16	47.8863	20.0953	4.7	0.7	103	0.0f		24	14	90	0.14	2.26	kx	ILOC	147	ILOC			149

(#PRIME)  
(locality : Recsk Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.1	6 BUD	92958
M	2.0		6 BUD	92958
ML	2.0	0.1	8 ILOC	147

Sta	Dist	EvAz	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	283.4	Pg	07:46:29.872	1.0					T__		2120.5		___	ML	2.0	92959	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.14	283.4	Lg	07:46:32.629	0.7					T__				___		92960	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.14	283.2	I	07:47:08.324	-1.8	98.0	-5.0	346.94	8.5	TA_				___		167	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.15	267.4	Pg	07:46:30.073	1.1					T__		1580.1		___	ML	1.9	92961	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.15	267.4	Lg	07:46:32.939	1.1					T__				___		92965	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU03A	0.33	273.2	Pg	07:46:34.437	1.9					T__		312.4		___	ML	1.7	92962	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.33	273.2	Lg	07:46:39.567	1.6					T__				___		92963	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU02A	0.37	50.6	Pg	07:46:33.998	0.6					T__		332.5		___	ML	1.9	92964	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.37	50.6	Lg	07:46:40.316	0.6					T__				___		92966	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.65	23.5	Lg	07:46:49.806	1.4					T__				___		92979	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.68	25.8	Pn	07:46:40.463	-0.4					T__		131.7		___	ML	2.0	92967	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.68	25.8	Lg	07:46:49.680	0.4					T__				___		92980	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	0.87	61.5	Pg	07:46:41.873	-0.7					T__		118.4		___	ML	2.1	92969	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.87	61.5	Sn	07:46:56.261	-1.9					T__				___		92968	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	1.04	306.3	Pg	07:46:47.872	1.6					T__		23.8		___	ML	1.5	92970	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.04	306.3	Lg	07:47:00.800	-0.6					T__				___		92971	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU09A	1.18	258.5	Lg	07:47:07.504	-0.3					T__				___		92972	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.54	5.0	Lg	07:47:18.327	-2.3					T__				___		92973	FDSN	PL	--	BUD	BUD	BHN	???	_	
MORH	1.94	211.2	Lg	07:47:30.558	-3.9					T__				___		92974	FDSN	HU	--	BUD	BUD	HHN	???	_	
DRGR	2.09	120.7	Pn	07:47:02.077	1.3					T__		40.1		___	ML	2.3	92977	FDSN	RO	--	BUD	BUD	HHZ	HHZ	_

DRGR	2.09	120.7	Sn	07:47:29.246	1.6	T__	---	92976	FDSN	RO	--	BUD	BUD	HHN	???	_
DRGR	2.09	120.7	Lg	07:47:34.140	-5.6	T__	---	92975	FDSN	RO	--	BUD	BUD	HHN	???	_
KOVH	2.26	217.9	Lg	07:47:41.361	-4.3	T__	---	92978	FDSN	HU	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022qpyi Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/25	09:53:57.84	0.57	0.52	48.9804	21.3912	5.9	5.7	88	0.0	0.0	9	0	152	0.58	1.03	sx	BUD	93847	BUD			
2022/08/25	09:53:54.29	1.42	1.98	49.0266	21.5165	7.2	4.6	140	0.0f		11	7	163	0.51	1.55	sx	ILOC	148	ILOC			257

(#PRIME)  
(locality : Hanusovce Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.3	3 BUD	93847
M	1.7		3 BUD	93847
ML	1.7	0.0	3 ILOC	148

Sta	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	0.51	100.3	Pn	09:54:09.275	0.5					T__						93854	FDSN	SK	--	BUD	BUD	HHZ	???	_	
ABAH	0.75	194.2	Lg	09:54:20.033	-1.6					T__						93853	FDSN	HU	--	BUD	BUD	HHN	???	_	
JOS	0.84	231.0	Pn	09:54:12.489	0.2					T__		50.1		---	ML	1.7	93848	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.84	231.0	Lg	09:54:22.678	-0.6					T__						93856	FDSN	ZJ	--	BUD	BUD	HHE	???	_	
KECS	0.87	231.8	Pn	09:54:13.146	0.4					T__		127.0		---	ML	2.1	93849	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.87	231.8	Lg	09:54:22.897	-1.6					T__						93855	FDSN	SK	--	BUD	BUD	EHN	???	_	
NIE	0.89	296.6	Lg	09:54:24.394	0.7					T__						93852	FDSN	PL	--	BUD	BUD	BHN	???	_	
HU02A	1.12	216.4	Pn	09:54:17.017	0.7					T__		32.5		---	ML	1.6	93850	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.12	216.4	Sn	09:54:30.237	-3.9					T__						93851	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	1.55	224.8	I	10:03:23.463	3.1	40.6	-3.0	338.46	-46.6	TA_						168	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022qzlf Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/30	14:37:50.10	0.43	0.21	48.0724	19.6134	4.8	4.2	52	0.0	0.0	9	0	126	0.17	0.75	kx	BUD	95507	BUD			
2022/08/30	14:37:49.09			48.0061	19.6278				0.0								kx	BUD_GT	1	BUD		
2022/08/30	14:37:48.98	2.10	1.40	48.0309	19.6425	5.6	1.1	123	0.0f		11	7	118	0.13	0.76	kx	ILOC	149	ILOC			219

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.3	3 BUD	95507
M	1.3		3 BUD	95507
ML	1.3	0.2	3 ILOC	149

Sta	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	192.7	Pg	14:37:53.134	1.0					T__		417.4		---	ML	1.3	95508	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.13	192.7	Lg	14:37:55.080	0.4					T__						95510	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	0.20	123.7	I	14:38:52.902	-1.4	298.9	-5.0	325.85	-11.1	TA_						169	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.20	123.5	Pg	14:37:54.852	1.0					T__		350.2		---	ML	1.4	95512	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.20	123.5	Lg	14:37:57.340	-0.4					T__						95513	FDSN	GE	--	BUD	BUD	HHE	???	_	
ET1H	0.22	134.6	Pg	14:37:54.978	1.0					T__		82.0		---	ML	0.8	95509	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_

ET1H	0.22	134.6	Lg	14:37:58.426	0.6	T__	---	95511	FDSN	HU	--	BUD	BUD	HHN	???	_
HU02A	0.60	80.9	Lg	14:38:09.723	-1.5	T__	---	95514	FDSN	ZJ	00	BUD	BUD	HHN	???	_
VYHS	0.71	311.0	Lg	14:38:11.667	-2.3	T__	---	95515	FDSN	SK	--	BUD	BUD	HHE	???	_
JOS	0.76	51.8	Lg	14:38:14.069	-1.6	T__	---	95516	FDSN	ZJ	--	BUD	BUD	HHE	???	_

STOP  
Event bud2022rasn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/31	07:27:57.10	0.42	0.55	47.9576	20.3545	7.2	3.0	129	0.0	0.0	11	0	157	0.20	0.55	kx	BUD	95647	BUD			
2022/08/31	07:27:55.60			47.9760	20.3693				0.0							kx	BUD_GT	1	BUD			
2022/08/31	07:27:55.50	1.65	1.03	47.9603	20.3638	5.2	1.7	83	0.0f		13	7	159	0.19	0.55	kx	ILOC	150	ILOC			222

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.3	5 BUD	95647
M	1.1		5 BUD	95647
ML	1.1	0.0	5 ILOC	150

Sta	Dist	EVaz	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	33.7	Pg	07:28:00.262	0.2					T__		183.5		---	ML	1.1	95648	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.19	33.7	Lg	07:28:03.115	-0.7					T__				---		95651	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.32	262.6	Pg	07:28:03.064	0.3					T__		60.7		---	ML	1.0	95654	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.32	262.6	Lg	07:28:06.617	-1.6					T__				---		95653	FDSN	GE	--	BUD	BUD	HHE	???	_	
PSZI	0.32	262.5	I	07:29:40.150	1.5	77.1	-5.1	348.54	14.1	TA_				---		170	FDSN	HN	--	BUD	BUD	BDF	???	_	
HU23A	0.33	193.5	Lg	07:28:07.719	-0.7					T__				---		95655	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
ET1H	0.34	256.4	Pg	07:28:03.505	0.5					T__		22.6		---	ML	0.6	95656	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.34	256.4	Lg	07:28:07.416	-1.2					T__				---		95657	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.53	8.8	Pg	07:28:07.082	0.9					T__		103.9		---	ML	1.8	95650	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.53	8.8	Lg	07:28:15.447	1.0					T__				---		95652	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.55	12.3	Pg	07:28:07.302	0.7					T__		18.9		---	ML	1.1	95649	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.55	12.3	Lg	07:28:14.412	-0.6					T__				---		95658	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022ratq Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/08/31	08:01:58.96	0.39	0.78	48.4299	19.1358	7.6	3.5	18	0.0	0.0	10	0	157	0.21	0.98	sx	BUD	95689	BUD			
2022/08/31	08:01:57.01	1.83	1.00	48.4468	19.1581	5.5	3.7	139	0.0f		12	7	163	0.22	0.97	sx	ILOC	151	ILOC			306

(#PRIME)  
(locality : Sasa Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.5	3 BUD	95689
M	1.2		3 BUD	95689
ML	1.5	0.5	4 ILOC	151

Sta	Dist	EVaz	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	282.5	Pg	08:02:02.548	0.8					T__		50.6		---	ML	0.6	95693	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.22	282.5	Lg	08:02:06.018	0.8					T__				---		95694	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZI	0.72	136.8	I	08:05:58.808	1.8	312.1	-5.3	332.18	-0.7	TA_				---		171	FDSN	HN	--	BUD	BUD	BDF	???	_	

PSZ	0.72	136.7	Pg	08:02:12.569	0.2	T__									31.0	___	ML	1.4	95695	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.72	136.7	Lg	08:02:22.390	-1.1	T__													95696	FDSN	GE	--	BUD	BUD	HHN	???	_
ET1H	0.74	139.7	Lg	08:02:21.916	-1.7	T__													95697	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.88	87.1	Pn	08:02:15.718	0.1	T__													95691	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.88	87.1	Lg	08:02:27.977	0.2	T__													95698	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.92	86.4	Pn	08:02:16.062	-0.1	T__													95690	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.92	86.4	Lg	08:02:29.130	0.1	T__													95699	FDSN	ZJ	--	BUD	BUD	HHN	???	_
HU02A	0.97	109.1	Sn	08:02:32.407	-0.4	T__													95692	FDSN	ZJ	00	BUD	BUD	HHN	???	_

STOP  
Event bud2022rcpx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/09/01	08:24:36.12	0.28	0.97	47.8536	19.1345	5.6	2.2	169	0.0	0.0	16	0	156	0.08	1.14	sx	BUD	96157	BUD				
2022/09/01	08:24:33.32	1.61	0.83	47.8116	19.1230	4.9	2.8	76	0.0f		18	13	163	0.08	1.17	sx	ILOC	152	ILOC				169

(#PRIME)  
(locality : Sejce-Vác Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	4 BUD	96157
M	1.4		4 BUD	96157
ML	1.4	0.3	4 ILOC	152

Sta	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	295.6	Pg	08:24:36.039	0.6					T__		2278.7		___	ML	1.9	96173	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.08	295.6	Lg	08:24:37.484	0.1					T__				___		96168	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.33	73.8	Lg	08:24:46.819	0.8					T__				___		96167	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.51	82.1	Pg	08:24:43.634	-0.6					T__		41.1		___	ML	1.3	96158	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.51	82.1	Lg	08:24:52.009	-0.2					T__				___		96169	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	0.53	251.2	Lg	08:24:54.173	1.0					T__				___		96161	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	0.53	78.1	I	08:27:28.232	1.8	261.6	2.9	336.73	4.8	TA_				___		172	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.53	78.1	Lg	08:24:52.414	-1.0					T__				___		96159	FDSN	GE	--	BUD	BUD	HHN	???	_	
SRO	0.55	270.5	Lg	08:24:54.071	0.4					T__				___		96162	FDSN	SK	--	BUD	BUD	EHN	???	_	
A338A	0.56	291.7	Lg	08:24:53.809	-0.3					T__				___		96170	FDSN	Z3	00	BUD	BUD	HHZ	???	_	
VYHS	0.71	344.4	Pg	08:24:47.700	-0.1					T__		17.6		___	ML	1.1	96160	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.71	344.4	Lg	08:24:58.503	0.2					T__				___		96163	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU08A	0.90	245.3	Sn	08:25:07.427	0.4					T__				___		96171	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU02A	0.99	71.2	Pg	08:24:54.464	0.7					T__		27.7		___	ML	1.5	96172	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.99	71.2	Sn	08:25:08.381	-1.2					T__				___		96164	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	1.13	53.1	Sn	08:25:11.628	-1.2					T__				___		96165	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	1.17	53.7	Sn	08:25:13.239	-0.4					T__				___		96166	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022rctz Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2022/09/01	10:28:37.68	0.44	0.68	47.8501	19.0914	7.2	3.2	178	0.0	0.0	12	0	177	0.05	1.16	kx	BUD	96279	BUD						
2022/09/01	10:28:35.85			47.8355	19.1270				0.0								kx	BUD_GT	1	BUD					
2022/09/01	10:28:35.55	1.70	0.89	47.8487	19.1078	5.3	2.8	81	0.0f		14	9	180	0.06	1.16	kx	ILOC	153	ILOC					258	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.4	3 BUD	96279
M	1.4		3 BUD	96279
ML	1.6	0.5	4 ILOC	153

Sta	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	266.7	Pg	10:28:37.848	0.6					T__		2581.1		___	ML	1.9	96280	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.06	266.7	Lg	10:28:39.598	0.6					T__				___		96281	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.34	80.4	Lg	10:28:48.267	-0.1					T__				___		96282	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.52	86.3	Lg	10:28:54.765	0.1					T__				___		96285	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.53	82.3	I	10:31:30.714	0.7	265.8	3.0	316.84	-15.1	TA_				___		173	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.53	82.2	Lg	10:28:55.534	-0.2					T__				___		96286	FDSN	GE	--	BUD	BUD	HHE	???	_	
VYHS	0.67	344.4	Pn	10:28:50.684	-0.7					T__		12.9		___	ML	1.0	96284	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.67	344.4	Lg	10:28:58.948	-0.3					T__				___		96283	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU02A	0.99	73.4	Sn	10:29:09.622	-2.2					T__				___		96287	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	1.12	54.9	Pg	10:28:59.163	1.3					T__		94.0		___	ML	2.1	96289	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	1.12	54.9	Sn	10:29:14.457	-0.2					T__				___		96288	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	1.16	55.4	Pn	10:28:57.963	0.0					T__		18.8		___	ML	1.4	96290	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.16	55.4	Sn	10:29:15.360	-0.2					T__				___		96291	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022seaf Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/16	08:17:47.91	0.40	0.80	47.9045	19.1082	9.9	2.9	153	0.0	0.0	15	0	181	0.08	1.29	sx	BUD	101367	BUD			
2022/09/16	08:17:46.14	1.67	0.81	47.8749	19.1324	5.2	2.7	86	0.0f		17	9	166	0.08	1.29	sx	ILOC	154	ILOC			178

(#PRIME)  
(locality : Sejce-Vác Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	7 BUD	101367
M	1.6		7 BUD	101367
ML	1.5	0.2	7 ILOC	154

Sta	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	248.8	Pg	08:17:48.660	0.4					T__		2644.1		___	ML	2.0	101368	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.08	248.8	Lg	08:17:50.167	-0.1					T__				___		101378	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.32	84.6	Pg	08:17:53.474	0.4					T__		120.7		___	ML	1.3	101370	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.32	84.6	Lg	08:17:58.815	0.6					T__				___		101369	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.50	89.2	Pg	08:17:57.574	0.7					T__		48.1		___	ML	1.4	101379	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.50	89.2	Lg	08:18:04.398	-0.2					T__				___		101371	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.51	84.9	I	08:20:35.081	1.1	260.9	-4.6	323.52	-8.5	TA_				___		174	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.51	84.9	Pg	08:17:56.873	-0.5					T__		49.0		___	ML	1.4	101372	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.51	84.9	Lg	08:18:05.167	-0.5					T__				___		101373	FDSN	GE	--	BUD	BUD	HHN	???	_	
HU02A	0.97	74.7	Pg	08:18:06.283	0.2					T__		28.1		___	ML	1.5	101380	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.97	74.7	Sn	08:18:19.813	-2.1					T__				___		101374	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	1.09	55.6	Pg	08:18:07.842	-0.0					T__		84.1		___	ML	2.0	101377	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	1.09	55.6	Sn	08:18:23.822	-0.8					T__				___		101381	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	1.13	56.1	Pg	08:18:08.565	0.1					T__		32.0		___	ML	1.6	101375	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.13	56.1	Sn	08:18:25.125	-0.3					T__				___		101382	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
MPLH	1.29	237.4	Lg	08:18:31.384	1.2					T__				___		101376	FDSN	HU	--	BUD	BUD	HHE	???	_	

STOP

Event bud2022secj Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/16	09:22:51.21	0.57	0.76	47.9788	20.3767	9.9	3.1	143	0.0	0.0	10	0	192	0.17	0.66	kx	BUD	101481	BUD			
2022/09/16	09:22:49.40			47.9760	20.3693				0.0							kx	BUD_GT	1	BUD			
2022/09/16	09:22:49.39	1.69	0.43	47.9810	20.3820	5.0	1.8	80	0.0f		12	7	192	0.17	0.66	kx	ILOC	155	ILOC			219

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.2	4 BUD	101481
M	1.1		4 BUD	101481
ML	1.1	0.2	4 ILOC	155

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU02A	0.17	34.1	Pg	09:22:53.506	0.0					T__		270.7		___	ML	1.2	101482	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.17	34.1	Lg	09:22:56.722	-0.2					T__				___			101483	FDSN	ZJ	00	BUD	BUD	HHN	???	_
PSZ	0.33	259.4	Pg	09:22:57.855	0.9					T__		64.4		___	ML	1.0	101486	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.33	259.4	Lg	09:23:02.002	-0.7					T__				___			101489	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.33	259.3	I	09:24:37.555	0.0	79.5	0.6	360.87	26.7	TA_				___			175	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.36	253.7	Pg	09:22:57.066	-0.2					T__		33.1		___	ML	0.8	101487	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.36	253.7	Lg	09:23:02.771	-0.3					T__				___			101488	FDSN	HU	--	BUD	BUD	HHN	???	_
KECS	0.51	7.8	Lg	09:23:07.714	0.2					T__				___			101490	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.53	11.5	Pg	09:23:00.303	0.3					T__		34.3		___	ML	1.3	101485	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.53	11.5	Lg	09:23:08.031	-0.1					T__				___			101484	FDSN	ZJ	--	BUD	BUD	HHE	???	_
ABAH	0.66	60.9	Lg	09:23:13.307	-0.3					T__				___			101491	FDSN	HU	--	BUD	BUD	HHN	???	_

STOP

Event bud2022sljd Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/20	08:44:55.39	0.30	0.88	48.5533	20.8088	4.0	3.0	146	0.0	0.0	17	0	92	0.19	1.31	sx	BUD	102671	BUD			
2022/09/20	08:44:53.45	1.52	0.90	48.5385	20.8308	5.2	4.4	47	0.0f		19	12	94	0.20	1.33	sx	ILOC	156	ILOC			158

(#PRIME)  
(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	5 BUD	102671
M	1.4		5 BUD	102671
ML	1.4	0.2	6 ILOC	156

Sta	Dist	EvAz	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	257.7	Pg	08:44:57.461	-0.2					T__		384.2		___	ML	1.4	102672	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.20	257.7	Lg	08:45:01.296	0.4					T__				___			102686	FDSN	ZJ	--	BUD	BUD	HHN	???	_
KECS	0.24	256.6	Pg	08:44:58.009	-0.4					T__		1202.1		___	ML	2.0	102673	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.24	256.6	Lg	08:45:02.063	-0.1					T__				___			102685	FDSN	SK	--	BUD	BUD	EHN	???	_
HU02A	0.46	206.2	Pg	08:45:03.085	-0.2					T__		39.5		___	ML	1.2	102674	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.46	206.2	Lg	08:45:11.448	0.6					T__				___			102687	FDSN	ZJ	00	BUD	BUD	HHN	???	_
PSZ	0.88	225.6	Lg	08:45:23.901	-1.4					T__				___			102675	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.88	225.6	I	08:49:52.764	1.6	44.1	-0.8	348.77	11.9	TA_				___			176	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.92	224.6	Pg	08:45:13.018	0.3					T__		27.7		___	ML	1.5	102676	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.92	224.6	Lg	08:45:25.836	-0.3					T__				___			102688	FDSN	HU	--	BUD	BUD	HHN	???	_

NIE	0.95	338.5	Pn	08:45:14.114	0.9	T__						16.2	___	ML	1.2	102677	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	0.95	338.5	Lg	08:45:25.362	0.5	T__										102678	FDSN	PL	--	BUD	BUD	BHN	???	_
HU23A	0.98	203.6	Sn	08:45:27.971	-0.9	T__										102680	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KOLS	1.03	67.0	Sn	08:45:29.943	-1.4	T__										102681	FDSN	SK	--	BUD	BUD	HHN	???	_
HU03A	1.04	232.8	Lg	08:45:29.213	-1.0	T__										102682	FDSN	ZJ	00	BUD	BUD	HHN	???	_
TRPA	1.21	109.1	Pg	08:45:18.058	1.3	T__						36.0	___	ML	1.7	102679	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TRPA	1.21	109.1	Sn	08:45:34.179	-0.9	T__										102683	FDSN	HU	--	BUD	BUD	HHN	???	_
VYHS	1.33	268.8	Sn	08:45:37.758	-0.4	T__										102684	FDSN	SK	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022slng Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/20	10:50:35.84	1.19	0.47	48.3362	19.8679	14.2	4.1	130	0.0	0.0	8	0	250	0.42	0.49	sx	BUD	102794	BUD			
2022/09/20	10:50:31.52	1.37	1.93	48.2894	19.7830	5.7	2.0	167	0.0f		10	6	255	0.38	0.54	sx	ILOC	157	ILOC			258
(#PRIME)																						
(locality : Husina Slovakia)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	3 BUD	102794
M	1.5		3 BUD	102794
ML	1.5	0.0	3 ILOC	157

Sta	Dist	EvAz	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	168.6	Pn	10:50:44.114	-0.1					T__		153.6		___	ML	1.5	102795	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.38	168.6	Lg	10:50:48.533	2.3					T__				___		102798	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.38	168.7	I	10:52:31.454	-2.9	343.9	-4.9	279.56	-53.9	TA_				___		177	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.41	171.8	Pn	10:50:44.808	0.1					T__		81.6		___	ML	1.4	102796	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.41	171.8	Lg	10:50:50.249	3.2					T__				___		102800	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.51	67.2	Lg	10:50:50.212	0.7					T__				___		102799	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU02A	0.52	108.4	Pn	10:50:45.611	-0.6					T__		62.0		___	ML	1.5	102797	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.52	108.4	Lg	10:50:51.491	0.4					T__				___		102801	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.54	67.4	Lg	10:50:49.811	-1.0					T__				___		102802	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022sneq Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/21	08:44:51.86	0.24	0.81	48.4273	17.2355	3.3	2.6	85	0.0	0.0	18	0	77	0.06	1.37	sx	BUD	103103	BUD			
2022/09/21	08:44:49.36	1.53	1.24	48.4366	17.1285	8.2	4.5	13	0.0f		20	12	82	0.12	1.92	sx	ILOC	158	ILOC			105
(#PRIME)																						
(locality : Solosnica-II Slovakia)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.3	5 BUD	103103
M	1.5		5 BUD	103103
ML	1.5	0.1	5 ILOC	158

Sta	Dist	EvAz	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	122.4	Pg	08:44:51.260	-1.1					T__				_c_		103104	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	0.12	122.4	Lg	08:44:53.769	-1.2					T__				___		103105	FDSN	SK	--	BUD	BUD	HHN	???	_	
ZST	0.24	184.1	Lg	08:44:58.785	-0.2					T__				___		103119	FDSN	SK	--	BUD	BUD	HHN	???	_	
JAVC	0.56	40.2	Pg	08:45:01.416	0.5					T__		234.4		___	ML	2.2	103106	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_



JAVC	0.56	40.2	Lg	08:45:08.315	-1.5	T__										103120	FDSN	CZ	--	BUD	BUD	HHN	???	_	
KRUC	0.79	322.5	Pn	08:45:08.202	1.0	T__				34.6			---	ML	1.5	103117	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_	
KRUC	0.79	322.5	Sn	08:45:20.067	-0.6	T__										103107	FDSN	CZ	--	BUD	BUD	HHN	???	_	
RONA	0.92	217.4	Pn	08:45:08.643	-0.5	T__										103121	FDSN	OE	--	BUD	BUD	HHZ	???	_	
RONA	0.92	217.4	Sn	08:45:23.263	-0.4	T__										103109	FDSN	OE	--	BUD	BUD	HHN	???	_	
VRAC	0.94	338.2	Pn	08:45:10.114	0.9	T__				10.4				---	ML	1.0	103108	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
VRAC	0.94	338.2	Sn	08:45:23.910	-0.5	T__										103110	FDSN	CZ	--	BUD	BUD	HHN	???	_	
CONA	0.99	239.5	Pn	08:45:12.356	2.2	T__				32.1				---	ML	1.6	103112	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	0.99	239.5	Sn	08:45:26.355	0.9	T__										103111	FDSN	OE	--	BUD	BUD	HHN	???	_	
VYHS	1.14	86.5	Pg	08:45:12.539	0.3	T__				12.8				---	ML	1.2	103113	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.14	86.5	Lg	08:45:26.861	-1.8	T__										103114	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU08A	1.14	151.7	Sn	08:45:27.923	-1.1	T__										103115	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU09A	1.16	133.0	Sn	08:45:28.048	-1.7	T__										103116	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORC	1.37	11.3	Sn	08:45:34.326	-1.1	T__										103118	FDSN	CZ	--	BUD	BUD	HHE	???	_	
PSZI	1.92	104.6	I	08:56:53.462	2.0	281.6	-5.1	326.03	-83.4	TA_						178	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022snid Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/21	10:31:39.67	0.29	1.28	46.8937	17.3343	3.8	3.1	74	0.0	0.0	13	0	89	0.13	1.13	kx	BUD	103340	BUD			
2022/09/21	10:31:38.38			46.8902	17.3220				0.0							kx	BUD_GT	1	BUD			
2022/09/21	10:31:38.32	1.54	1.16	46.8957	17.4069	12.5	4.9	59	0.0f		14	9	90	0.10	1.97	kx	ILOC	159	ILOC			137

(#PRIME)  
(locality : Uza Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.1	3 BUD	103340
M	1.8		3 BUD	103340
ML	1.8	0.0	5 ILOC	159

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L		
BADH	0.10	153.4	Pg	10:31:41.420	0.5					T__		1669.8		---	ML	1.8	103346	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_	
BADH	0.10	153.4	Lg	10:31:44.537	1.4					T__						103347	FDSN	HU	--	BUD	BUD	HHN	???	_		
A261A	0.19	287.7	Pg	10:31:41.663	-1.0					T__		6151.5			---	ML	2.6	103345	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A261A	0.19	287.7	Lg	10:31:43.933	-2.1					T__						103344	FDSN	ZJ	00	BUD	BUD	HHN	???	_		
A263A	0.26	194.0	Pg	10:31:45.596	1.5					T__		1544.7			---	ML	2.2	103343	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A263A	0.26	194.0	Lg	10:31:49.925	1.5					T__						103342	FDSN	ZJ	00	BUD	BUD	HHN	???	_		
MPLH	0.29	18.2	Pg	10:31:44.666	-0.1					T__		488.4			---	ML	1.8	103341	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.29	18.2	Lg	10:31:50.282	0.5					T__						103348	FDSN	HU	--	BUD	BUD	HHN	???	_		
HU08A	0.64	33.2	Lg	10:32:02.581	0.6					T__						103349	FDSN	ZJ	00	BUD	BUD	HHN	???	_		
KOGS	0.91	241.1	Lg	10:32:07.841	-0.4					T__						103350	FDSN	SL	--	BUD	BUD	BHE	???	_		
KOVH	0.94	149.1	Pg	10:31:56.675	-0.6					T__		43.3			---	ML	1.7	103352	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.94	149.1	Lg	10:32:09.055	-1.1					T__						103351	FDSN	HU	--	BUD	BUD	HHN	???	_		
MORH	1.09	128.1	Sn	10:32:15.285	-0.7					T__						103353	FDSN	HU	--	BUD	BUD	HHN	???	_		
PSZI	1.97	57.9	I	10:44:43.385	41.6	241.9	2.2	321.93	-89.2	_A_						179	FDSN	HN	--	BUD	BUD	BDF	???	_		

STOP  
Event bud2022snlk Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/21	12:10:18.64	0.83	0.61	47.7739	20.1832	10.9	3.1	167	0.0	0.0	15	0	222	0.24	1.15	sx	BUD	103473	BUD			

2022/09/21 12:10:17.53 1.43 0.97 47.8689 20.1642 5.1 1.0 105 0.0f 17 10 209 0.19 1.09 sx ILOC 160 ILOC 225  
 (#PRIME)  
 (locality : Kisdána Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.7 0.1 7 BUD 103473  
 M 1.7 7 BUD 103473  
 ML 1.6 0.2 7 ILOC 160

Sta	Dist	EvAz	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	285.4	Pg	12:10:23.187	1.1					T__		747.2		___	ML	1.7	103474	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.19	285.4	Lg	12:10:26.040	0.2					T__				___		103475	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.19	285.2	I	12:11:17.842	-0.4	103.0	-2.0	348.08	10.8	TA_				___		180	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.20	273.1	Pg	12:10:23.091	0.9					T__		566.9		___	ML	1.6	103476	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.20	273.1	Lg	12:10:25.640	-0.1					T__				___		103481	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.35	43.6	Pg	12:10:25.498	0.3					T__		152.4		___	ML	1.5	103477	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.35	43.6	Lg	12:10:31.769	0.5					T__				___		103483	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.38	275.5	Lg	12:10:31.752	-0.1					T__				___		103482	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.65	19.2	Pn	12:10:32.346	-0.4					T__		111.3		___	ML	1.9	103478	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
JOS	0.68	21.7	Pn	12:10:32.103	-1.0					T__		40.2		___	ML	1.5	103480	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.68	21.7	Sn	12:10:43.513	-2.2					T__				___		103479	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU10A	0.77	268.7	Lg	12:10:44.758	-1.1					T__				___		103484	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ABAH	0.84	58.9	Pn	12:10:36.231	0.9					T__		62.4		___	ML	1.8	103486	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.84	58.9	Sn	12:10:48.126	-1.5					T__				___		103485	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	1.09	305.6	Pg	12:10:40.247	0.7					T__		16.9		___	ML	1.3	103487	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.09	305.6	Sn	12:10:56.025	-0.0					T__				___		103488	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022spau Hungary

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/09/22 09:05:30.89 0.21 0.93 47.7094 18.5479 3.1 2.3 147 0.0 0.0 23 0 65 0.13 1.65 sx BUD 103948 BUD  
 2022/09/22 09:05:29.00 1.26 1.16 47.7114 18.5571 8.5 4.4 79 0.0f 24 15 65 0.14 1.65 sx ILOC 161 ILOC 110  
 (#PRIME)  
 (locality : Bersekbánya-I Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.9 0.2 6 BUD 103948  
 M 1.9 6 BUD 103948  
 ML 1.9 0.1 8 ILOC 161

Sta	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	238.4	Pg	09:05:32.538	0.2					T__		3416.4		___	ML	2.2	103949	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU09A	0.14	238.4	Lg	09:05:34.491	-0.8					T__				___		103961	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
SRO	0.19	301.9	Pg	09:05:34.747	1.4					T__		4578.7		___	ML	2.5	103950	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
SRO	0.19	301.9	Lg	09:05:37.321	0.2					T__				___		103962	FDSN	SK	--	BUD	BUD	EHN	???	_	
BUD	0.39	125.6	Lg	09:05:44.759	0.6					T__				___		103963	FDSN	HU	--	BUD	BUD	HHN	???	_	
CSKK	0.40	210.1	Pg	09:05:38.107	0.7					T__		302.4		___	ML	1.9	103951	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.40	210.1	Lg	09:05:42.818	-1.7					T__				___		103964	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.51	237.1	Pg	09:05:38.837	-0.7					T__		105.9		___	ML	1.7	103953	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU08A	0.51	237.1	Lg	09:05:47.967	-0.1					T__				___		103952	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
VYHS	0.81	13.3	Pn	09:05:46.250	-0.5					T__		19.3		___	ML	1.2	103955	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.81	13.3	Lg	09:05:56.877	-0.4					T__				___		103965	FDSN	SK	--	BUD	BUD	HHN	???	_	

MPLH	0.88	232.3	Lg	09:06:00.346	0.8					T__						103954	FDSN	HU	--	BUD	BUD	HHN	???	_		
ET1H	0.90	78.8	Lg	09:06:00.127	-1.2					T__						103956	FDSN	HU	--	BUD	BUD	HHN	???	_		
PSZI	0.92	76.6	I	09:11:18.036	35.7	259.0	1.4	318.34	-20.2	_A_						181	FDSN	HN	--	BUD	BUD	BDF	???	_		
PSZ	0.92	76.6	Pn	09:05:49.391	1.0					T__	87.7					ML	2.0	103958	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.92	76.6	Lg	09:06:00.566	-2.0					T__							103957	FDSN	GE	--	BUD	BUD	HHN	???	_	
MODS	1.08	308.1	Pg	09:05:51.071	0.1					T__							103960	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	1.08	308.1	Lg	09:06:05.824	-1.7					T__							103959	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU02A	1.39	72.0	Pg	09:05:57.154	-0.2					T__	46.3					ML	1.9	103967	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.39	72.0	Sn	09:06:15.413	0.5					T__							103966	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORH	1.50	177.7	Pn	09:05:57.458	1.6					T__	27.8					ML	1.8	103969	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.50	177.7	Sn	09:06:16.083	-1.1					T__							103968	FDSN	HU	--	BUD	BUD	HHN	???	_	
JOS	1.54	58.7	Sn	09:06:18.813	0.4					T__							103970	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KOVH	1.65	191.1	Lg	09:06:26.346	-2.6					T__							103971	FDSN	HU	--	BUD	BUD	HHE	???	_	

STOP  
Event bud2022spcu Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/22	10:06:03.94	0.42	0.58	47.9902	19.6030	4.3	4.0	109	0.0	0.0	11	0	133	0.09	1.14	kx	BUD	104085	BUD			
2022/09/22	10:06:02.23			48.0061	19.6278				0.0							kx	BUD_GT	1	BUD			
2022/09/22	10:06:02.21	1.96	0.36	48.0082	19.6277	5.6	1.1	116	0.0f		13	9	122	0.11	1.12	kx	ILOC	162	ILOC			219

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	3 BUD	104085
M	1.5		3 BUD	104085
ML	1.4	0.0	3 ILOC	162

Sta	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	190.2	Pg	10:06:05.258	0.4					T__		631.4			ML	1.4	104089	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.11	190.2	Lg	10:06:07.011	-0.0					T__						104090	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	0.20	116.7	I	10:07:06.906	0.3	297.3	0.4	335.73	-1.2	TA_						182	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.20	116.5	Pg	10:06:07.267	0.2					T__		526.7			ML	1.6	104087	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.20	116.5	Lg	10:06:10.115	-0.8					T__						104086	FDSN	GE	--	BUD	BUD	HHN	???	_	
ET1H	0.21	128.2	Pg	10:06:07.011	-0.0					T__		339.3			ML	1.4	104088	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.21	128.2	Lg	10:06:10.572	-0.2					T__						104091	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.61	78.9	Lg	10:06:24.454	-0.4					T__						104092	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
VYHS	0.72	312.9	Lg	10:06:27.194	-0.3					T__						104093	FDSN	SK	--	BUD	BUD	HHN	???	_	
KECS	0.74	50.0	Lg	10:06:28.716	0.3					T__						104094	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.78	51.0	Lg	10:06:29.670	0.1					T__						104095	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	1.12	74.5	Sn	10:06:41.176	0.1					T__						104096	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022sqtd Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/23	07:28:46.94	0.39	0.95	48.5798	20.7904	6.2	2.7	165	0.0	0.0	15	0	162	0.19	1.30	sx	BUD	104585	BUD			
2022/09/23	07:28:45.45	1.55	1.23	48.5521	20.8025	5.3	4.3	27	0.0f		17	11	159	0.18	1.31	sx	ILOC	163	ILOC			201

(#PRIME)  
(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	3 BUD	104585
M	1.4		3 BUD	104585
ML	1.5	0.5	4 ILOC	163

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.18	252.2	Pg	07:28:49.236	-0.1					T__		208.9		___	ML	1.1	104586	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.18	252.2	Lg	07:28:53.043	0.7					T__				___		104587	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.22	252.0	Pg	07:28:49.747	-0.3					T__		679.5		___	ML	1.7	104589	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.22	252.0	Lg	07:28:54.001	0.3					T__				___		104588	FDSN	SK	--	BUD	BUD	EHN	???	_	
ABAH	0.39	131.2	Pg	07:28:53.572	0.1					T__		86.6		___	ML	1.3	104591	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.39	131.2	Lg	07:28:59.525	-0.7					T__				___		104597	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.47	203.4	Lg	07:29:02.702	-0.3					T__				___		104590	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.88	224.1	Lg	07:29:16.396	-0.7					T__				___		104598	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.88	224.1	I	07:33:42.964	1.1	44.2	0.8	348.32	11.6	TA_				___		183	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.92	223.1	Lg	07:29:18.259	0.2					T__				___		104592	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU03A	1.03	231.6	Lg	07:29:20.633	-1.3					T__				___		104599	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KOLS	1.05	68.0	Pn	07:29:08.837	2.3					T__				___		104594	FDSN	SK	--	BUD	BUD	HHZ	???	_	
KOLS	1.05	68.0	Sn	07:29:20.888	-2.7					T__				___		104593	FDSN	SK	--	BUD	BUD	HHE	???	_	
TRPA	1.23	109.4	Pg	07:29:09.786	0.6					T__		102.1		___	ML	2.2	104595	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TRPA	1.23	109.4	Sn	07:29:27.023	-0.6					T__				___		104596	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	1.31	268.2	Sn	07:29:28.082	-1.6					T__				___		104600	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022szwr Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/28	07:30:15.84	0.24	0.82	48.4154	17.2590	3.7	2.7	99	0.0	0.0	18	0	75	0.04	1.65	sx	BUD	106265	BUD			
2022/09/28	07:30:14.60	1.74	0.64	48.4098	17.3112	16.2	6.8	108	0.0f		19	11	73	0.04	1.80	sx	ILOC	164	ILOC			106

(#PRIME)  
(locality : Solosnica-II Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.1	5 BUD	106265
M	1.9		5 BUD	106265
ML	1.8	0.1	6 ILOC	164

Sta	Dist	EVaz	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	211.9	Pg	07:30:15.885	-0.3					T__				__c_		106266	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	0.04	211.9	Lg	07:30:17.127	-0.6					T__				___		106267	FDSN	SK	--	BUD	BUD	HHN	???	_	
JAVC	0.51	27.8	Pg	07:30:25.818	0.5					T__		187.1		___	ML	2.0	106268	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.51	27.8	Lg	07:30:33.213	-0.3					T__				___		106275	FDSN	CZ	--	BUD	BUD	HHN	???	_	
KRUC	0.89	317.4	Pg	07:30:32.282	0.6					T__		49.1		___	ML	1.7	106269	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
KRUC	0.89	317.4	Lg	07:30:44.662	-0.2					T__				___		106270	FDSN	CZ	--	BUD	BUD	HHN	???	_	
RONA	0.98	224.2	Pg	07:30:34.217	0.1					T__				___		106271	FDSN	OE	--	BUD	BUD	HHZ	???	_	
RONA	0.98	224.2	Lg	07:30:47.108	0.1					T__				___		106276	FDSN	OE	--	BUD	BUD	HHN	???	_	
VRAC	1.02	332.5	Pg	07:30:32.282	-1.6					T__		12.7		___	ML	1.2	106274	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
VRAC	1.02	332.5	Lg	07:30:48.752	-0.0					T__				___		106277	FDSN	CZ	--	BUD	BUD	HHN	???	_	
VYHS	1.02	84.7	Lg	07:30:50.151	0.3					T__				___		106278	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU08A	1.06	156.9	Lg	07:30:50.920	-1.1					T__				___		106279	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
CONA	1.08	244.1	Pg	07:30:35.678	-0.3					T__		51.2		___	ML	1.8	106272	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	1.08	244.1	Lg	07:30:50.468	0.5					T__				___		106273	FDSN	OE	--	BUD	BUD	HHN	???	_	
MORC	1.38	6.3	Pg	07:30:40.214	0.0					T__		38.2		___	ML	1.8	106281	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_

MORC	1.38	6.3	Lg	07:30:59.861	0.5					T__						106280	FDSN	CZ	--	BUD	BUD	HHN	???	_		
ARSA	1.67	226.7	Pn	07:30:45.759	1.0					T__	44.1				---	ML	2.1	106283	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
ARSA	1.67	226.7	Lg	07:31:07.524	-0.3					T__					---		106282	FDSN	OE	--	BUD	BUD	HHN	???	_	
PSZI	1.80	104.9	I	07:40:23.932	-61.4	290.3	3.4	320.70	-82.6	_A_					---		184	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022tbtb Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/29	07:56:34.63	0.30	0.73	48.5349	17.4490	4.3	3.1	133	0.0	0.0	13	0	123	0.20	1.50	sx	BUD	106843	BUD			
2022/09/29	07:56:32.88	1.78	0.77	48.5376	17.4508	17.3	7.6	115	0.0f		14	9	105	0.20	1.75	sx	ILOC	165	ILOC			122

(#PRIME)  
(locality : Bukova Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	3 BUD	106843
M	1.4		3 BUD	106843
ML	1.5	0.3	3 ILOC	165

Sta	Dist	EvAz	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	215.2	Pg	07:56:37.102	-0.4					T__						106844	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	0.20	215.2	Lg	07:56:39.622	-1.7					T__						106850	FDSN	SK	--	BUD	BUD	HHN	???	_	
JAVC	0.35	24.3	Pg	07:56:40.353	-0.1					T__	157.6			---	ML	1.5	106845	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.35	24.3	Lg	07:56:45.502	-1.0					T__						106851	FDSN	CZ	--	BUD	BUD	HHN	???	_	
KRUC	0.87	307.3	Lg	07:57:03.048	0.5					T__						106852	FDSN	CZ	--	BUD	BUD	HHN	???	_	
VYHS	0.92	92.2	Pn	07:56:52.769	0.3					T__	13.1			---	ML	1.1	106849	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.92	92.2	Lg	07:57:05.003	0.1					T__						106853	FDSN	SK	--	BUD	BUD	HHN	???	_	
RONA	1.14	223.1	Pn	07:56:56.457	0.8					T__						106846	FDSN	OE	--	BUD	BUD	HHZ	???	_	
RONA	1.14	223.1	Sn	07:57:12.124	-0.5					T__						106854	FDSN	OE	--	BUD	BUD	HHN	???	_	
CONA	1.22	240.7	Pg	07:56:57.370	0.4					T__	33.0			---	ML	1.7	106848	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	1.22	240.7	Sn	07:57:14.607	-0.2					T__						106847	FDSN	OE	--	BUD	BUD	HHN	???	_	
MORC	1.24	2.7	Sn	07:57:14.898	-1.0					T__						106855	FDSN	CZ	--	BUD	BUD	HHN	???	_	
TREC	1.50	301.1	Sn	07:57:21.801	0.2					T__						106856	FDSN	CZ	--	BUD	BUD	HHN	???	_	
PSZI	1.75	109.9	I	08:08:10.627	48.1	291.9	0.2	318.16	-82.0	_A_						185	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022tbtb Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/09/29	08:06:48.79	0.29	0.76	47.8712	16.0273	4.0	3.1	72	0.0	0.0	12	0	88	0.13	1.49	sx	BUD	106908	BUD			
2022/09/29	08:06:46.83	1.88	1.21	47.9101	16.1726	9.7	4.6	178	0.0f		14	10	69	0.21	2.50	sx	ILOC	166	ILOC			108

(#PRIME)  
(locality : Durnbachtal Austria)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	2 BUD	106908
M	1.4		2 BUD	106908

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CONA	0.21	275.1	Pg	08:06:50.541	-0.7					T__		363.5		---	ML	1.4	106909	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	0.21	275.1	Lg	08:06:52.623	-1.7					T__						106910	FDSN	OE	--	BUD	BUD	HHN	???	_	
RONA	0.23	158.3	Pg	08:06:52.294	0.7					T__						106912	FDSN	OE	--	BUD	BUD	HHZ	???	_	
RONA	0.23	158.3	Lg	08:06:56.311	1.3					T__						106911	FDSN	OE	--	BUD	BUD	HHN	???	_	

ARSA	0.79	213.9	Pn	08:07:03.761	-1.0	T__						47.4	___	ML	1.6	106913	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
ARSA	0.79	213.9	Lg	08:07:11.320	-0.8	T__							___			106919	FDSN	OE	--	BUD	BUD	HHN	???	_
MODS	0.87	57.5	Sn	08:07:21.436	1.7	T__							___			106914	FDSN	SK	--	BUD	BUD	HHN	???	_
A262A	1.07	166.9	Sn	08:07:24.494	0.7	T__							___			106920	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KRUC	1.16	7.2	Sn	08:07:27.790	1.4	T__							___			106915	FDSN	CZ	--	BUD	BUD	HHN	???	_
VRAC	1.43	11.1	Lg	08:07:34.729	-0.0	T__							___			106918	FDSN	CZ	--	BUD	BUD	HHN	???	_
TREC	1.46	342.1	Lg	08:07:35.605	1.3	T__							___			106917	FDSN	CZ	--	BUD	BUD	HHN	???	_
CKRC	1.54	306.9	Sn	08:07:35.459	-0.5	T__							___			106916	FDSN	CZ	--	BUD	BUD	HHN	???	_
PSZI	2.50	88.4	I	08:22:32.928	-1.4	277.0	5.8	319.56	-81.5	TA_			___			186	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022tkvt Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/04	07:31:59.93	1.03	0.69	46.1031	18.0767	12.9	5.2	153	0.0	0.0	4	0	211	0.02	0.41	sx	BUD	109621	BUD			
2022/10/04	07:31:57.87	2.41	1.93	46.0370	18.0948	10.6	4.6	124	0.0f		6	4	173	0.05	2.25	sx	ILOC	167	ILOC			299

(#PRIME)  
(locality : Bükkösd-I Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.0	1 BUD	109621
M	1.3		1 BUD	109621

Sta	Dist	EVaz	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	3.9	Pg	07:31:59.306	-0.3					T__		885.0		___	ML	1.4	109622	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.05	3.9	Lg	07:32:00.429	-0.9					T__				___		109624	FDSN	HU	--	BUD	BUD	HHN	???	_	
A273A	0.23	238.3	Lg	07:32:08.682	2.0					T__				___		109625	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORH	0.42	64.8	Lg	07:32:13.137	-0.5					T__				___		109623	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	2.25	32.6	I	07:46:11.885	2.4	215.0	1.1	322.38	-88.5	TA_				___		187	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022tlco Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/04	10:57:58.05	0.36	0.45	48.4593	19.5507	4.6	3.6	9	0.0	0.0	12	0	114	0.48	2.02	sx	BUD	109734	BUD			
2022/10/04	10:57:56.43	1.79	1.19	48.4665	19.5635	5.6	3.0	158	0.0f		14	9	113	0.48	2.02	sx	ILOC	168	ILOC			226

(#PRIME)  
(locality : Mýtka Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.3	3 BUD	109734
M	1.6		3 BUD	109734
ML	1.4	0.4	4 ILOC	168

Sta	Dist	EVaz	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	273.5	Pg	10:58:06.709	0.3					T__		13.0		___	ML	0.8	109742	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.48	273.5	Lg	10:58:13.464	-0.2					T__				___		109741	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZ	0.59	157.9	Lg	10:58:17.408	-1.0					T__				___		109743	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.59	158.0	I	11:01:11.738	1.0	339.1	0.9	326.74	-5.1	TA_				___		188	FDSN	HN	--	BUD	BUD	BDF	???	_	
KECS	0.61	88.1	Pg	10:58:09.567	0.8					T__		119.2		___	ML	1.9	109738	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.61	88.1	Lg	10:58:18.295	0.3					T__				___		109737	FDSN	SK	--	BUD	BUD	EHN	???	_	
ET1H	0.62	160.6	Lg	10:58:17.957	-1.0					T__				___		109744	FDSN	HU	--	BUD	BUD	HHN	???	_	
JOS	0.65	87.1	Pg	10:58:09.933	0.5					T__		42.2		___	ML	1.5	109735	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_

JOS	0.65	87.1	Lg	10:58:19.281	0.0	T__										109736	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.73	117.9	Pg	10:58:11.795	0.2	T__					29.1				ML	1.4	109739	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.73	117.9	Lg	10:58:21.253	-1.7	T__										109740	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.07	26.7	Sn	10:58:33.586	-1.4	T__										109745	FDSN	PL	--	BUD	BUD	BHN	???	_	
TRPA	2.02	98.5	Sn	10:58:59.826	2.5	T__										109746	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022tmsx Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/05	08:21:35.62	0.37	0.61	48.5654	20.4203	4.1	3.5	31	0.0	0.0	15	0	120	0.09	1.06	sx	BUD	110115	BUD			
2022/10/05	08:21:33.82	1.56	1.22	48.5693	20.4289	5.4	3.7	28	0.0f		17	10	122	0.09	1.06	sx	ILOC	169	ILOC			210

(#PRIME)  
(locality : Slavec Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	6 BUD	110115
M	1.4		6 BUD	110115
ML	1.4	0.2	6 ILOC	169

Sta	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	156.3	Pg	08:21:36.568	0.6					T__		1408.6			ML	1.7	110127	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.09	156.3	Lg	08:21:38.047	0.3					T__						110128	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.10	135.0	Pg	08:21:36.938	0.8					T__		495.9			ML	1.3	110116	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.10	135.0	Lg	08:21:38.322	0.3					T__						110129	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.45	171.8	Pg	08:21:44.360	0.9					T__		38.6			ML	1.1	110117	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.45	171.8	Lg	08:21:50.109	-0.7					T__						110130	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ABAH	0.61	116.5	Lg	08:21:56.046	-0.1					T__						110118	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZ	0.74	208.9	Pn	08:21:50.240	-0.4					T__		40.4			ML	1.5	110120	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.74	208.9	Lg	08:21:59.662	-1.2					T__						110119	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.74	209.0	I	08:25:44.493	3.3	31.0	2.4	351.96	18.7	TA_						189	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.78	208.6	Pg	08:21:49.217	-1.1					T__		31.8			ML	1.4	110121	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.78	208.6	Lg	08:22:00.684	-1.2					T__						110122	FDSN	HU	--	BUD	BUD	HHN	???	_	
NIE	0.85	354.3	Lg	08:22:03.606	1.5					T__						110124	FDSN	PL	--	BUD	BUD	BHN	???	_	
HU03A	0.87	220.1	Lg	08:22:03.825	-0.8					T__						110123	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
VYHS	1.06	266.5	Pg	08:21:55.426	0.2					T__		13.2			ML	1.2	110125	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	1.06	266.5	Lg	08:22:09.887	-0.6					T__						110126	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022tmtz Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/05	08:54:59.84	0.63	0.71	47.9596	20.4028	10.1	3.2	143	0.0	0.0	11	0	198	0.18	0.65	kx	BUD	110164	BUD				
2022/10/05	08:54:58.42			47.9760	20.3693				0.0								kx	BUD_GT	1	BUD			
2022/10/05	08:54:58.19	1.62	0.48	47.9649	20.3894	5.0	1.8	83	0.0f		13	7	196	0.18	0.66	kx	ILOC	170	ILOC			226	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.2	4 BUD	110164
M	1.1		4 BUD	110164
ML	1.2	0.3	5 ILOC	170

Sta	Dist	EvAz	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	30.0	Pg	08:55:02.592	0.1					T__		239.0		___	ML	1.2	110165	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.18	30.0	Lg	08:55:05.678	-0.4					T__				___		110171	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.34	262.2	Pg	08:55:05.934	0.2					T__		46.1		___	ML	0.9	110169	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.34	262.2	Lg	08:55:11.229	-0.3					T__				___		110168	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.34	262.2	I	08:56:46.305	-0.8	78.6	-3.2	347.77	13.6	TA_				___		190	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.36	256.4	Pg	08:55:06.445	0.4					T__		32.4		___	ML	0.8	110170	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.36	256.4	Lg	08:55:12.014	0.1					T__				___		110172	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.52	7.0	Pg	08:55:09.586	0.8					T__		100.9		___	ML	1.8	110166	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.52	7.0	Lg	08:55:16.871	0.0					T__				___		110173	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.54	10.6	Pg	08:55:09.166	0.1					T__		35.8		___	ML	1.4	110167	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.54	10.6	Lg	08:55:17.236	-0.2					T__				___		110174	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	0.66	59.5	Lg	08:55:21.802	-0.8					T__				___		110175	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022tork Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/06	09:52:31.39	1.44	0.41	48.6646	20.5758	21.7	5.2	132	0.0	0.0	6	0	237	0.17	1.15	sx	BUD	110528	BUD			
2022/10/06	09:52:30.23	2.47	0.39	48.5759	20.7733	5.9	4.6	41	0.0f		8	5	185	0.17	1.05	sx	ILOC	171	ILOC			315

(#PRIME)  
(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.4	2 BUD	110528
M	1.1		2 BUD	110528

Sta	Dist	EvAz	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	242.8	Pg	09:52:34.455	0.5					T__		109.0		___	ML	0.8	110531	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.17	242.8	Lg	09:52:36.664	-0.2					T__				___		110532	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.21	244.2	Pg	09:52:34.957	0.3					T__		308.8		___	ML	1.4	110529	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.21	244.2	Lg	09:52:37.632	-0.5					T__				___		110530	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU02A	0.48	200.1	Lg	09:52:48.087	-0.2					T__				___		110533	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	0.88	222.1	I	09:57:28.414	0.3	44.2	2.8	348.57	11.7	TA_				___		191	FDSN	HN	--	BUD	BUD	BDF	???	_	
KOLS	1.05	69.6	Sn	09:53:08.610	-0.0					T__				___		110534	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022tosv Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/06	10:35:49.61	0.45	1.00	47.5540	18.4407	6.4	3.1	120	0.0	0.0	9	0	159	0.09	0.98	kx	BUD	110555	BUD			
2022/10/06	10:35:47.50			47.5600	18.4573				0.0							kx	BUD_GT	1	BUD			
2022/10/06	10:35:47.41	2.10	0.92	47.5502	18.4592	5.3	5.0	113	0.0f		11	8	147	0.10	1.04	kx	ILOC	172	ILOC			170

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.3	2 BUD	110555
M	1.6		2 BUD	110555

Sta	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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HU09A	0.10	329.6	Pg	10:35:50.578	0.6	T__	1754.2	___	ML	1.8	110556	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_			
HU09A	0.10	329.6	Lg	10:35:51.536	-1.0	T__		___			110558	FDSN	ZJ	00	BUD	BUD	HHN	???	_			
CSKK	0.23	215.8	Pg	10:35:52.878	0.3	T__	246.1	___	ML	1.3	110557	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_			
CSKK	0.23	215.8	Lg	10:35:55.955	-1.1	T__		___			110559	FDSN	HU	--	BUD	BUD	HHN	???	_			
SRO	0.28	339.5	Lg	10:35:59.015	0.3	T__		___			110560	FDSN	SK	--	BUD	BUD	EHN	???	_			
HU08A	0.38	252.1	Lg	10:36:01.549	-0.5	T__		___			110561	FDSN	ZJ	00	BUD	BUD	HHN	???	_			
HU10A	0.48	51.8	Lg	10:36:06.369	0.8	T__		___			110562	FDSN	ZJ	00	BUD	BUD	HHN	???	_			
MPLH	0.73	239.0	Lg	10:36:14.139	0.9	T__		___			110563	FDSN	HU	--	BUD	BUD	HHN	???	_			
VYHS	0.98	14.9	Lg	10:36:20.093	-1.5	T__		___			110564	FDSN	SK	--	BUD	BUD	HHN	???	_			
PSZI	1.04	68.7	I	10:41:43.276	-0.1	244.7	-5.0	318.07	-26.1	TA_		___		192	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022tvxl Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/10	08:52:47.43	1.54	0.97	47.7838	19.8646	14.7	4.7	174	0.0	0.0	9	0	251	0.10	0.99		sx BUD	111488	BUD				
2022/10/10	08:52:46.26	2.37	0.44	47.8226	19.8650	6.0	0.5	11	0.0f		11	8	238	0.06	0.96		sx ILOC	173	ILOC				260

(#PRIME)  
(locality : Gyöngyöslymos Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.1	2 BUD	111488
M	1.7		2 BUD	111488

Sta	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	4.3	Pg	08:52:47.948	-0.1					T__		1414.9		_c_	ML	1.6	111494	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.06	4.3	Lg	08:52:49.044	-0.6					T__						111495	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.10	11.4	I	08:53:17.944	0.4	196.0	4.6	317.33	-22.2	TA_						193	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.10	11.7	Pg	08:52:48.825	-0.2					T__		856.7		___	ML	1.5	111490	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.10	11.7	Lg	08:52:51.673	0.2					T__						111489	FDSN	GE	--	BUD	BUD	HHN	???	_	
HU03A	0.20	294.6	Lg	08:52:55.106	0.8					T__						111491	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU02A	0.54	55.7	Lg	08:53:06.549	0.2					T__						111496	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.78	31.9	Lg	08:53:13.895	0.1					T__						111492	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.81	33.6	Lg	08:53:14.698	-0.1					T__						111493	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
VYHS	0.96	314.7	Lg	08:53:19.581	-0.3					T__						111497	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022txuj Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/11	09:35:26.26	0.27	0.85	47.7713	19.0548	4.4	2.4	162	0.0	0.0	20	0	154	0.08	1.34		kx BUD	112035	BUD				
2022/10/11	09:35:24.11			47.7791	19.0372				0.0								kx BUD_GT	1	BUD				
2022/10/11	09:35:24.32	1.35	0.99	47.7805	19.0715	4.9	3.0	75	0.0f		22	13	153	0.07	1.34		kx ILOC	174	ILOC				160

(#PRIME)  
(locality : Dunabogdány Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.2	6 BUD	112035
M	1.9		6 BUD	112035
ML	1.9	0.3	8 ILOC	174

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
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HU10A	0.07	331.2	Pg	09:35:26.640	0.3	T__	5427.2	___	ML	2.2	112036	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_			
HU10A	0.07	331.2	Lg	09:35:28.210	-0.0	T__		___			112052	FDSN	ZJ	00	BUD	BUD	HHN	???	_			
HU03A	0.38	70.7	Pg	09:35:33.122	0.6	T__	197.1	___	ML	1.6	112037	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_			
HU03A	0.38	70.7	Lg	09:35:39.147	0.6	T__		___			112041	FDSN	ZJ	00	BUD	BUD	HHN	???	_			
HU09A	0.49	253.3	Lg	09:35:41.533	-1.2	T__		___			112053	FDSN	ZJ	00	BUD	BUD	HHN	???	_			
ET1H	0.55	79.3	Pg	09:35:35.897	-0.2	T__	76.0	___	ML	1.7	112039	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_			
ET1H	0.55	79.3	Lg	09:35:44.443	-0.1	T__		___			112038	FDSN	HU	--	BUD	BUD	HHN	???	_			
PSZI	0.57	75.8	I	09:38:30.083	-1.3	260.6	4.2	327.97	-3.8	TA_				194	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.57	75.7	Lg	09:35:45.239	-0.5	T__		___			112042	FDSN	GE	--	BUD	BUD	HHN	???	_			
CSKK	0.69	233.0	Lg	09:35:47.885	-1.8	T__		___			112043	FDSN	HU	--	BUD	BUD	HHN	???	_			
VYHS	0.73	347.6	Pn	09:35:40.833	-0.2	T__	16.4	___	ML	1.1	112055	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_			
VYHS	0.73	347.6	Lg	09:35:51.132	1.0	T__		___			112054	FDSN	SK	--	BUD	BUD	HHN	???	_			
HU02A	1.04	70.2	Pn	09:35:45.173	0.1	T__	57.7	___	ML	1.8	112040	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_			
HU02A	1.04	70.2	Sn	09:36:00.328	-1.3	T__		___			112044	FDSN	ZJ	00	BUD	BUD	HHN	???	_			
KECS	1.18	52.9	Pg	09:35:48.303	0.5	T__	133.0	___	ML	2.3	112048	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_			
KECS	1.18	52.9	Sn	09:36:04.445	-0.5	T__		___			112047	FDSN	SK	--	BUD	BUD	EHN	???	_			
MPLH	1.21	240.1	Pg	09:35:49.308	1.0	T__	75.8	___	ML	2.0	112046	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_			
MPLH	1.21	240.1	Sn	09:36:05.377	-0.2	T__		___			112045	FDSN	HU	--	BUD	BUD	HHN	???	_			
JOS	1.22	53.4	Pg	09:35:48.347	-0.1	T__	56.5	___	ML	1.9	112050	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_			
JOS	1.22	53.4	Sn	09:36:07.337	1.6	T__		___			112049	FDSN	ZJ	--	BUD	BUD	HHN	???	_			
MODS	1.34	296.9	Sn	09:36:07.528	-2.0	T__		___			112051	FDSN	SK	--	BUD	BUD	HHN	???	_			

STOP  
Event bud2022tztz Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/12	11:38:44.09	0.40	0.65	46.8580	17.2616	5.0	3.0	40	0.0	0.0	11	0	146	0.15	1.25	sx	BUD	112614	BUD			
2022/10/12	11:38:41.89	2.00	0.68	46.8575	17.2722	8.5	4.7	151	0.0f		13	11	145	0.13	2.07	sx	ILOC	175	ILOC			175

(#PRIME)  
(locality : Várvölgy Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.0	1 BUD	112614
M	2.0		1 BUD	112614

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
A261A	0.13	318.2	Lg	11:38:47.620	-0.1					T__						112623	FDSN	ZJ	00	BUD	BUD	HHN	???	_
BADH	0.15	110.7	Lg	11:38:48.528	0.3					T__						112622	FDSN	HU	--	BUD	BUD	HHN	???	_
MPLH	0.36	30.2	Pg	11:38:49.774	0.1					T__	482.7			ML	2.0	112615	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.36	30.2	Lg	11:38:55.581	-0.2					T__						112616	FDSN	HU	--	BUD	BUD	HHN	???	_
HU08A	0.73	37.5	Lg	11:39:08.198	-0.3					T__						112621	FDSN	ZJ	00	BUD	BUD	HHN	???	_
SOP	0.96	329.8	Sn	11:39:15.585	-0.6					T__						112617	FDSN	HU	--	BUD	BUD	HHN	???	_
KOVH	0.96	143.1	Sn	11:39:15.202	-1.0					T__						112624	FDSN	HU	--	BUD	BUD	HHN	???	_
RONA	1.07	322.1	Lg	11:39:17.843	0.3					T__						112618	FDSN	OE	--	BUD	BUD	HHN	???	_
HU09A	1.09	43.7	Sn	11:39:19.620	-0.3					T__						112625	FDSN	ZJ	00	BUD	BUD	HHN	???	_
MORH	1.14	123.7	Sn	11:39:21.060	0.3					T__						112619	FDSN	HU	--	BUD	BUD	HHN	???	_
ARSA	1.26	288.8	Sn	11:39:24.941	1.6					T__						112620	FDSN	OE	--	BUD	BUD	HHN	???	_
PSZI	2.07	58.3	I	11:51:45.181	0.3	242.8	2.6	318.11	-94.6	TA_						195	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022uddy Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/10/14 08:06:50.84 0.41 0.57 48.5777 19.3205 5.8 3.1 7 0.0 0.0 13 0 170 0.33 1.13 sx BUD 113478 BUD  
 2022/10/14 08:06:49.25 1.67 0.84 48.5391 19.3230 5.5 3.1 151 0.0f 16 9 165 0.33 1.14 sx ILOC 176 ILOC 190  
 (#PRIME)  
 (locality : Viglas Slovakia)

Magnitude Err Nsta Author OrigID  
 MLv 1.5 0.2 5 BUD 113478  
 M 1.5 5 BUD 113478  
 ML 1.5 0.0 5 ILOC 176

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.33	262.2	Pg	08:06:56.617	0.6					T__		53.4		___	ML	0.9	113487	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.33	262.2	Lg	08:07:00.853	-0.2					T__				___		113488	FDSN	SK	--	BUD	BUD	HHN	???	_	
HU10A	0.72	196.5	Lg	08:07:14.951	-0.7					T__				___		113489	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.73	148.2	Pn	08:07:06.217	0.3					T__		43.9		___	ML	1.5	113484	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.73	148.2	Lg	08:07:15.565	-0.3					T__				___		113485	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.73	148.3	I	08:10:51.813	0.2	326.8	-1.9	336.76	3.8	TA_				___		196	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.76	150.8	Pn	08:07:07.341	1.2					T__		39.4		___	ML	1.5	113486	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.76	150.8	Lg	08:07:15.841	-0.5					T__				___		113490	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.78	93.7	Lg	08:07:16.133	-0.2					T__				___		113481	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.81	92.6	Pg	08:07:06.018	0.7					T__		45.2		___	ML	1.6	113483	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.81	92.6	Lg	08:07:16.755	-0.7					T__				___		113482	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.90	117.0	Pg	08:07:08.005	0.1					T__		54.5		___	ML	1.7	113479	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.90	117.0	Lg	08:07:20.458	-1.3					T__				___		113480	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JAVC	1.14	286.9	Lg	08:07:27.681	-1.9					T__				___		113491	FDSN	CZ	--	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022udkw Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/14	11:37:05.18	0.87	0.65	47.8442	20.1309	12.0	3.4	162	0.0	0.0	10	0	223	0.18	0.87	sx	BUD	113648	BUD			
2022/10/14	11:37:03.53	1.76	0.76	47.8631	20.1549	5.4	1.0	107	0.0f		12	7	216	0.18	0.85	sx	ILOC	177	ILOC			231

(#PRIME)  
 (locality : Kisdána Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.4 0.1 4 BUD 113648  
 M 1.4 4 BUD 113648  
 ML 1.4 0.1 4 ILOC 177

Sta	Dist	EvAz	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	287.6	Pg	11:37:08.527	0.5					T__		324.4		_c_	ML	1.3	113649	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	287.6	Lg	11:37:10.316	-1.4					T__				___		113654	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.18	287.4	I	11:38:03.097	0.3	104.4	-2.8	346.27	8.9	TA_				___		198	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.19	274.9	Pg	11:37:08.600	0.6					T__		355.4		___	ML	1.4	113650	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	274.9	Lg	11:37:11.046	-0.5					T__				___		113655	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.36	43.7	Pg	11:37:11.758	0.4					T__		93.6		___	ML	1.3	113651	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.36	43.7	Lg	11:37:16.981	-0.6					T__				___		113656	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.66	19.5	Lg	11:37:27.076	0.2					T__				___		113657	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.68	22.0	Pg	11:37:17.748	0.5					T__		37.8		___	ML	1.5	113652	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.68	22.0	Lg	11:37:27.987	0.3					T__				___		113658	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	0.85	58.8	Sn	11:37:34.619	-1.2					T__				___		113653	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022uipo Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/17	07:39:22.36	0.40	0.72	48.4028	19.5260	6.0	3.6	12	0.0	0.0	9	0	160	0.47	0.72	sx	BUD	113934	BUD			
2022/10/17	07:39:20.62	1.90	1.08	48.4013	19.5474	5.6	2.8	155	0.0f		11	7	160	0.48	0.71	sx	ILOC	178	ILOC			284

(#PRIME)

(locality : Mýtna Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.4	3 BUD	113934
M	1.4		3 BUD	113934
ML	1.5	0.2	3 ILOC	178

Sta	Dist	EVaz	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	281.3	Pg	07:39:31.204	0.7					T__		23.0		___	ML	1.0	113943	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.48	281.3	Lg	07:39:37.269	-0.5					T__				___		113942	FDSN	SK	--	BUD	BUD	HHN	???	_	
PSZ	0.54	154.2	Lg	07:39:39.919	-0.8					T__				___		113940	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.54	154.3	I	07:42:17.342	1.3	335.8	1.3	333.59	1.7	TA_				___		199	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.57	157.3	Lg	07:39:40.722	-0.5					T__				___		113941	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.63	82.2	Lg	07:39:43.212	0.4					T__				___		113937	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.67	81.5	Pg	07:39:34.297	0.4					T__		55.7		___	ML	1.6	113936	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	81.5	Lg	07:39:45.060	1.0					T__				___		113935	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.71	112.8	Pn	07:39:37.108	0.2					T__		40.1		___	ML	1.5	113939	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.71	112.8	Lg	07:39:44.337	-2.2					T__				___		113938	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

STOP

Event bud2022uisc Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/17	08:57:26.49	0.20	0.97	47.8826	19.4376	3.6	1.9	165	0.0	0.0	26	0	82	0.11	1.53	kx	BUD	114133	BUD			
2022-10-17	08:57:24.02			47.8920	19.4049				0.0							kx	BUD_GT	1	BUD			
2022/10/17	08:57:24.45	1.18	1.14	47.9163	19.4554	4.5	1.5	90	0.0f		28	17	85	0.10	1.53	kx	ILOC	179	ILOC			116

(#PRIME)

(locality : Bercel Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.1	0.1	7 BUD	114133
M	2.1		7 BUD	114133
ML	2.0	0.2	10 ILOC	179

Sta	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	97.3	Pg	08:57:28.393	1.4					T__		2543.0		___	ML	2.0	114138	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.10	97.3	Lg	08:57:29.558	0.5					T__				___		114137	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.28	97.4	Pg	08:57:30.763	-0.0					T__		165.0		___	ML	1.3	114139	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.28	97.4	Lg	08:57:36.044	0.5					T__				___		114140	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.29	89.5	I	08:58:57.484	-2.1	274.9	5.1	317.31	-17.6	TA_				___		200	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.30	89.4	Lg	08:57:36.907	0.5					T__				___		114141	FDSN	GE	--	BUD	BUD	HHN	???	_	
HU10A	0.30	256.6	Pg	08:57:30.602	-0.4					T__		953.8		___	ML	2.1	114135	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.30	256.6	Lg	08:57:35.421	-0.9					T__				___		114134	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BUD	0.52	214.1	Lg	08:57:42.489	-1.6					T__				___		114136	FDSN	HU	--	BUD	BUD	HHN	???	_	
VYHS	0.71	324.6	Pn	08:57:40.401	-0.4					T__		29.0		___	ML	1.4	114143	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_

VYHS	0.71	324.6	Lg	08:57:49.076	-0.4	T__										114142	FDSN	SK	--	BUD	BUD	HHN	???	_		
HU02A	0.75	73.6	Pg	08:57:39.156	-0.9	T__	83.3									ML	1.8	114144	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.75	73.6	Lg	08:57:51.906	0.1	T__											114152	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BSZH	0.83	138.0	Lg	08:57:53.111	-1.6	T__											114153	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.89	50.2	Pn	08:57:43.574	0.4	T__	164.0									ML	2.2	114146	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.89	50.2	Lg	08:57:56.586	0.9	T__											114145	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.93	50.9	Pn	08:57:43.654	0.0	T__	73.2									ML	1.9	114147	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.93	50.9	Lg	08:57:57.068	0.2	T__											114148	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
CSKK	0.98	236.0	Pg	08:57:44.115	0.2	T__	117.0									ML	2.1	114155	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.98	236.0	Lg	08:57:57.368	-2.4	T__											114154	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	1.14	245.4	Pg	08:57:47.328	0.2	T__	149.0									ML	2.3	114156	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU08A	1.14	245.4	Sn	08:58:02.991	-1.2	T__											114157	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ABAH	1.25	71.7	Lg	08:58:09.015	-0.8	T__											114158	FDSN	HU	--	BUD	BUD	HHN	???	_	
MPLH	1.50	240.8	Sn	08:58:12.570	-0.3	T__											114149	FDSN	HU	--	BUD	BUD	HHN	???	_	
JAVC	1.52	309.1	Pg	08:57:57.228	2.2	T__	112.9									ML	2.4	114151	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	1.52	309.1	Sn	08:58:16.586	1.9	T__											114150	FDSN	CZ	--	BUD	BUD	HHN	???	_	
MODS	1.53	288.2	Sn	08:58:14.959	0.7	T__											114159	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022uuii Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/17	10:04:29.63	0.41	0.49	48.4830	19.5277	6.2	3.6	7	0.0	0.0	10	0	176	0.46	0.76	sx	BUD	114230	BUD			
2022/10/17	10:04:28.35	1.89	0.92	48.4633	19.5534	5.7	3.0	158	0.0f		12	7	172	0.48	0.73	sx	ILOC	180	ILOC			286
(#PRIME)																						
(locality : Mytna Slovakia)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	3 BUD	114230
M	1.7		3 BUD	114230
ML	1.5	0.3	4 ILOC	180

Sta	Dist	EvAz	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	274.0	Pg	10:04:39.036	0.9					T__		18.3		ML	0.9	114239	FDSN	SK	--	BUD	BUD	HHZ	HHZ	_
VYHS	0.48	274.0	Lg	10:04:43.935	-1.4					T__						114240	FDSN	SK	--	BUD	BUD	HHN	???	_
PSZ	0.59	157.2	Lg	10:04:50.040	-0.2					T__						114237	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.59	157.2	I	10:07:43.290	0.8	337.4	-0.1	331.03	-0.8	TA_						201	FDSN	HN	--	BUD	BUD	BDF	???	_
KECS	0.62	87.8	Pg	10:04:41.044	0.2					T__		109.1		ML	1.9	114234	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.62	87.8	Lg	10:04:50.562	0.4					T__						114233	FDSN	SK	--	BUD	BUD	EHN	???	_
ET1H	0.62	159.9	Lg	10:04:49.759	-1.1					T__						114238	FDSN	HU	--	BUD	BUD	HHN	???	_
JOS	0.66	86.8	Pg	10:04:42.329	0.9					T__		49.3		ML	1.6	114235	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.66	86.8	Lg	10:04:51.445	0.1					T__						114236	FDSN	ZJ	--	BUD	BUD	HHN	???	_
HU02A	0.73	117.4	Pg	10:04:44.016	0.4					T__		42.2		ML	1.5	114231	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.73	117.4	Lg	10:04:53.654	-1.4					T__						114232	FDSN	ZJ	00	BUD	BUD	HHN	???	_

STOP  
Event bud2022uobv Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/20	07:32:14.51	0.36	0.64	47.3205	18.2826	4.5	3.7	84	0.0	0.0	9	0	108	0.05	1.24	kx	BUD	115435	BUD				
2022/10/20	07:32:12.44			47.3167	18.3081				0.0								kx	BUD_GT	1	BUD			
2022/10/20	07:32:12.33	2.05	0.87	47.3099	18.3226	16.3	4.5	68	0.0f		10	8	107	0.07	1.23	kx	ILOC	181	ILOC			134	
(#PRIME)																							

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.4	2 BUD	115435
M	1.6		2 BUD	115435

Sta	Dist	EvAz	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	321.6	Pg	07:32:14.242	-0.1					T__		2990.8		___	ML	2.0	115436	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.07	321.6	Lg	07:32:15.491	-1.0					T__				___		115442	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.30	294.3	Pg	07:32:19.628	0.8					T__		192.0		___	ML	1.4	115437	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU08A	0.30	294.3	Lg	07:32:23.206	-1.0					T__				___		115443	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU09A	0.33	7.0	Lg	07:32:24.608	-0.9					T__				___		115444	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORH	1.12	168.5	Lg	07:32:50.087	-0.7					T__				___		115440	FDSN	HU	--	BUD	BUD	HHN	???	_	
ET1H	1.19	60.9	Sn	07:32:53.634	0.4					T__				___		115441	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.22	59.6	I	07:40:32.880	69.3	240.1	-0.7	301.59	-55.9	_A_				___		202	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.23	59.6	Sn	07:32:54.540	0.0					T__				___		115438	FDSN	GE	--	BUD	BUD	HHN	???	_	
KOVH	1.23	187.2	Sn	07:32:54.978	1.1					T__				___		115439	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022upwt Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/21	07:14:40.42	0.37	0.69	48.4447	19.1419	5.7	3.3	15	0.0	0.0	10	0	128	0.73	1.24	sx	BUD	115889	BUD			
2022/10/21	07:14:37.42	2.07	2.01	48.5252	19.1051	5.7	3.5	138	0.0f		13	9	122	0.80	1.23	sx	ILOC	182	ILOC			161

(#PRIME)  
 (locality : Sasa Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	2 BUD	115889
M	1.7		2 BUD	115889

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZI	0.80	138.8	I	07:19:08.936	2.3	319.2	-0.2	332.42	-2.1	TA_				___		204	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.80	138.7	Lg	07:15:04.254	-2.4					T__				___		115891	FDSN	GE	--	BUD	BUD	HHN	???	_	
ET1H	0.83	141.3	Lg	07:15:03.513	-3.4					T__				___		115892	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.92	92.1	Lg	07:15:08.507	-0.9					T__				___		115893	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.95	91.2	Pn	07:14:59.538	2.5					T__		39.5		___	ML	1.6	115890	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.95	91.2	Lg	07:15:10.531	-0.0					T__				___		115894	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
JAVC	1.01	289.9	Sn	07:15:14.697	-0.3					T__				___		115897	FDSN	CZ	--	BUD	BUD	HHN	???	_	
HU02A	1.03	112.5	Pg	07:15:00.132	1.6					T__		63.0		___	ML	1.9	115896	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.03	112.5	Sn	07:15:11.772	-2.9					T__				___		115895	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	1.19	40.9	Sn	07:15:19.693	0.5					T__				___		115899	FDSN	PL	--	BUD	BUD	BHN	???	_	
MODS	1.23	263.6	Sn	07:15:19.797	-0.1					T__				___		115898	FDSN	SK	--	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022uxhg Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/25	08:30:35.95	1.17	0.33	47.9226	20.4687	15.9	3.8	135	0.0	0.0	10	0	253	0.20	0.58	kx	BUD	117598	BUD			
2022/10/25	08:30:35.67			47.9760	20.3693				0.0							kx	BUD_GT	1	BUD			
2022/10/25	08:30:35.14	1.71	0.82	47.9496	20.3937	5.3	1.8	86	0.0f		12	6	231	0.19	0.56	kx	ILOC	184	ILOC			248

(#PRIME)

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.1	4 BUD	117598
M	1.1		4 BUD	117598
ML	1.0	0.2	5 ILOC	184

Sta	Dist	EvAz	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	27.0	Pg	08:30:39.723	0.0					T__		161.0		___	ML	1.0	117599	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.19	27.0	Lg	08:30:42.507	-0.9					T__				___		117604	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.34	264.9	Pg	08:30:43.018	0.3					T__		43.9		___	ML	0.9	117602	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.34	264.9	Lg	08:30:48.021	-0.5					T__				___		117605	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.34	264.8	I	08:32:23.606	-0.8	80.3	-4.1	366.32	32.2	TA_				___		206	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.36	258.8	Pg	08:30:44.223	1.2					T__		34.4		___	ML	0.8	117603	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.36	258.8	Lg	08:30:48.642	-0.2					T__				___		117606	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.54	6.5	Pg	08:30:46.825	0.8					T__		98.1		___	ML	1.8	117600	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.54	6.5	Lg	08:30:53.947	-0.4					T__				___		117607	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.56	10.1	Pg	08:30:47.072	0.7					T__		23.0		___	ML	1.2	117601	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.56	10.1	Lg	08:30:53.682	-1.2					T__				___		117608	FDSN	ZJ	--	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022uzbr Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/26	07:58:15.49	0.32	0.65	46.8488	17.2735	5.0	2.6	48	0.0	0.0	13	0	142	0.14	1.44	kx	BUD	117857	BUD			
2022/10/26	07:58:14.08			46.8548	17.2699				0.0							kx	BUD_GT	1	BUD			
2022/10/26	07:58:14.36	1.56	1.89	46.8958	17.4298	5.5	4.5	144	0.0f		15	11	89	0.10	1.96	kx	ILOC	185	ILOC			124

(#PRIME)  
 (locality : Várvölgy Hungary)  
 (GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.1	0.4	3 BUD	117857
M	2.1		3 BUD	117857
ML	1.8	0.0	3 ILOC	185

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
BADH	0.10	162.0	Lg	07:58:20.415	1.4					T__				___		117860	FDSN	HU	--	BUD	BUD	HHE	???	_	
A261A	0.20	286.4	Pg	07:58:18.610	-0.4					T__		6125.3		___	ML	2.6	117858	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A261A	0.20	286.4	Lg	07:58:20.186	-2.4					T__				___		117859	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
A263A	0.27	197.2	Lg	07:58:21.954	-2.7					T__				___		117867	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
MPLH	0.28	15.2	Pg	07:58:22.271	1.6					T__		499.8		___	ML	1.8	117861	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.28	15.2	Lg	07:58:26.784	1.1					T__				___		117868	FDSN	HU	--	BUD	BUD	HHN	???	_	
TIH	0.32	89.1	Lg	07:58:28.818	2.2					T__				___		117869	FDSN	HU	--	BUD	BUD	HHN	???	_	
A266A	0.68	122.5	Sn	07:58:41.211	-1.0					T__				___		117862	FDSN	ZJ	00	BUD	BUD	HHE	???	_	
KOVH	0.93	149.9	Pg	07:58:33.177	-0.0					T__		63.1		___	ML	1.8	117864	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.93	149.9	Lg	07:58:45.686	-0.3					T__				___		117863	FDSN	HU	--	BUD	BUD	HHN	???	_	
MORH	1.08	128.7	Sn	07:58:52.093	0.4					T__				___		117866	FDSN	HU	--	BUD	BUD	HHE	???	_	
RONA	1.11	316.6	Lg	07:58:49.042	-2.3					T__				___		117865	FDSN	OE	--	BUD	BUD	HHN	???	_	
CONA	1.48	314.7	Lg	07:59:04.005	1.3					T__				___		117870	FDSN	OE	--	BUD	BUD	HHE	???	_	
PSZI	1.96	57.7	I	08:10:29.139	-3.3	238.4	-1.1	313.19	-97.5	TA_				___		207	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022vcru Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/10/28	07:30:53.76	2.71	0.09	47.7681	20.1803	29.6	6.2	166	0.0	0.0	4	0	265	0.24	0.42	sx	BUD	118744	BUD			
2022/10/28	07:30:53.31	2.84	0.70	47.8733	20.1683	5.8	1.0	103	0.0f	6	4	228	0.19	0.35	sx	ILOC	186	ILOC				347

(#PRIME)  
(locality : Kisdána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.0	0.0	1 BUD	118744
M	1.0	1	BUD	118744

Sta	Dist	EvAz	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	283.8	Pg	07:30:58.502	0.6					T__		112.9		___	ML	0.9	118745	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.19	283.8	Lg	07:31:01.022	-0.7					T__				___			118746	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.19	283.7	I	07:31:55.041	0.5	102.7	-0.8	343.26	6.1	TA_				___		208	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.20	271.8	Lg	07:31:00.996	-0.6					T__				___		118747	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.35	43.8	Lg	07:31:07.073	0.2					T__				___		118748	FDSN	ZJ	00	BUD	BUD	HHN	???	_	

STOP  
Event bud2022vcxd Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/10/28	10:13:09.91	0.45	0.67	48.8299	20.1147	4.7	4.1	80	0.0	0.0	11	0	123	0.43	0.97	sx	BUD	118878	BUD				
2022/10/28	10:13:08.33	1.81	0.66	48.7992	20.1074	5.4	4.5	8	0.0f		13	9	120	0.40	0.93	sx	ILOC	187	ILOC				232

(#PRIME)  
(locality : Cervena-Skala Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.2	3 BUD	118878
M	1.5	3	BUD	118878
ML	1.4	0.1	3 ILOC	187

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KECS	0.40	141.4	Pg	10:13:17.017	0.5					T__		188.8		___	ML	1.7	118880	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.40	141.4	Lg	10:13:23.061	0.4					T__				___		118881	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.42	136.5	Pg	10:13:17.437	0.7					T__		85.4		___	ML	1.4	118879	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.42	136.5	Lg	10:13:23.536	0.4					T__				___		118887	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
NIE	0.63	11.4	Lg	10:13:29.342	-0.0					T__				___		118883	FDSN	PL	--	BUD	BUD	BHN	???	_	
HU02A	0.73	157.5	Pn	10:13:24.595	-0.3					T__		33.3		___	ML	1.4	118882	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.73	157.5	Lg	10:13:34.491	-0.4					T__				___		118888	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.89	189.2	Lg	10:13:40.517	0.1					T__				___		118884	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.89	189.3	I	10:18:10.440	0.2	13.3	4.2	344.34	7.0	TA_				___		209	FDSN	HN	--	BUD	BUD	BDF	???	_	
VYHS	0.90	250.6	Lg	10:13:39.640	0.3					T__				___		118886	FDSN	SK	--	BUD	BUD	HHN	???	_	
ABAH	0.91	123.4	Sn	10:13:40.871	-1.5					T__				___		118889	FDSN	HU	--	BUD	BUD	HHN	???	_	
ET1H	0.93	189.8	Lg	10:13:40.590	-0.8					T__				___		118885	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022vmaj Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/02	10:04:41.87	0.25	1.22	46.8744	17.3027	3.3	2.6	37	0.0	0.0	18	0	58	0.14	1.33	sx	BUD	120589	BUD				



2022/11/02 10:04:40.44 1.37 1.68 46.9073 17.3934 5.2 4.3 147 0.0f 20 13 65 0.12 1.98 sx ILOC 188 ILOC 95  
 (#PRIME)  
 (locality : Uzsa Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 2.0 0.3 6 BUD 120589  
 M 2.0 6 BUD 120589  
 ML 1.9 0.1 6 ILOC 188

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
BADH	0.12	151.9	Pg	10:04:44.805	1.5					T__		1595.6		___ ML	1.8	120597	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
BADH	0.12	151.9	Lg	10:04:46.748	1.0					T__				___		120598	FDSN	HU	--	BUD	BUD	HHN	???	_
A261A	0.17	285.0	Pg	10:04:44.076	-0.5					T__		6605.5		___ ML	2.6	120600	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A261A	0.17	285.0	Lg	10:04:46.586	-1.2					T__				___		120599	FDSN	ZJ	00	BUD	BUD	HHN	???	_
A263A	0.27	191.5	Pg	10:04:44.967	-1.5					T__		3030.0		___ ML	2.5	120601	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A263A	0.27	191.5	Lg	10:04:48.772	-2.1					T__				___		120602	FDSN	ZJ	00	BUD	BUD	HHN	???	_
MPLH	0.28	20.8	Lg	10:04:53.387	1.7					T__				___		120603	FDSN	HU	--	BUD	BUD	HHN	???	_
TIH	0.34	91.0	Pg	10:04:49.080	1.3					T__		486.2		___ ML	1.9	120590	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TIH	0.34	91.0	Lg	10:04:55.636	2.2					T__				___		120591	FDSN	HU	--	BUD	BUD	HHN	???	_
A266A	0.71	122.2	Sn	10:05:08.476	-0.4					T__				___		120595	FDSN	ZJ	00	BUD	BUD	HHN	???	_
CSKK	0.75	52.1	Lg	10:05:06.301	-1.8					T__				___		120594	FDSN	HU	--	BUD	BUD	HHN	???	_
KOGS	0.91	240.1	Lg	10:05:08.446	-1.8					T__				___		120604	FDSN	SL	--	BUD	BUD	BHN	???	_
KOVH	0.95	149.0	Pg	10:04:59.054	-0.7					T__		51.4		___ ML	1.7	120606	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.95	149.0	Lg	10:05:12.575	-0.2					T__				___		120605	FDSN	HU	--	BUD	BUD	HHN	???	_
MORH	1.11	128.3	Pn	10:05:02.779	0.9					T__		36.0		___ ML	1.7	120607	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.11	128.3	Lg	10:05:19.090	0.5					T__				___		120592	FDSN	HU	--	BUD	BUD	HHN	???	_
ZST	1.30	351.4	Sn	10:05:22.635	-1.1					T__				___		120596	FDSN	SK	--	BUD	BUD	HHN	???	_
ARSA	1.32	285.7	Sn	10:05:25.528	2.1					T__				___		120593	FDSN	OE	--	BUD	BUD	HHN	???	_
PSZI	1.98	58.3	I	10:17:00.938	-3.7	239.8	-0.3	318.77	-92.4	TA_				___		210	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
 Event bud2022vxau Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/08	10:46:40.22	0.43	0.61	47.7961	19.1456	9.5	3.1	170	0.0	0.0	13	0	170	0.10	1.17	kx	BUD	122495	BUD			
2022/11/08	10:46:38.38			47.8355	19.1270				0.0							kx	BUD_GT	1	BUD			
2022/11/08	10:46:38.53	1.74	0.88	47.8503	19.1336	5.2	2.7	82	0.0f		15	8	161	0.08	1.14	kx	ILOC	189	ILOC			184

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

Magnitude Err Nsta Author OrigID  
 MLv 1.6 0.2 5 BUD 122495  
 M 1.6 5 BUD 122495  
 ML 1.7 0.2 6 ILOC 189

Sta	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	266.3	Pg	10:46:41.119	0.5					T__		3128.0		___ ML	2.0	122496	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.08	266.3	Lg	10:46:43.256	0.7					T__				___		122498	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU03A	0.32	80.1	Pg	10:46:46.232	0.7					T__		193.7		___ ML	1.5	122497	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.32	80.1	Lg	10:46:50.486	-0.2					T__				___		122499	FDSN	ZJ	00	BUD	BUD	HHN	???	_
PSZI	0.52	82.2	I	10:49:27.915	0.9	265.6	2.9	319.96	-12.0	TA_				___		211	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.52	82.1	Pg	10:46:49.573	-0.2					T__		46.6		___ ML	1.4	122501	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_

PSZ	0.52	82.1	Lg	10:46:56.402	-1.7	T__										122500	FDSN	GE	--	BUD	BUD	HHN	???	_
HU08A	0.92	243.3	Lg	10:47:10.191	-1.1	T__										122502	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU02A	0.97	73.3	Pg	10:46:59.149	0.5	T__		35.1								122504	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.97	73.3	Sn	10:47:12.880	-1.5	T__										122503	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KECS	1.10	54.5	Pg	10:47:00.915	0.4	T__		110.5								122505	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	1.10	54.5	Sn	10:47:17.203	-0.1	T__										122506	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	1.14	55.0	Pg	10:47:01.560	0.4	T__		38.3								122508	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	1.14	55.0	Sn	10:47:17.994	-0.2	T__										122507	FDSN	ZJ	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022vyyx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/09	12:05:36.61	0.41	0.78	47.8429	19.8401	5.2	3.2	169	0.0	0.0	14	0	144	0.08	1.61	sx	BUD	123607	BUD			
2022/11/09	12:05:34.05	1.63	0.90	47.8150	19.8274	5.6	0.6	23	0.0f		16	10	151	0.11	1.63	sx	ILOC	190	ILOC			210

(#PRIME)  
(locality : Gyöngyöstarján Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.1	4 BUD	123607
M	1.6		4 BUD	123607
ML	1.7	0.1	5 ILOC	190

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZI	0.11	23.3	I	12:06:11.539	1.4	207.6	4.2	316.75	-22.4	TA_						212	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	0.11	23.5	Pg	12:05:36.755	-0.4					T__		1247.0			1.7	123608	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.11	23.5	Lg	12:05:39.202	-0.6					T__						123618	FDSN	GE	--	BUD	BUD	HHN	???	_
HU03A	0.18	300.2	Pg	12:05:38.253	0.1					T__		654.6			1.6	123610	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.18	300.2	Lg	12:05:42.160	0.8					T__						123609	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU23A	0.34	121.5	Lg	12:05:47.837	0.7					T__						123619	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU10A	0.55	273.5	Lg	12:05:55.179	0.7					T__						123613	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU02A	0.56	56.5	Pg	12:05:46.615	0.7					T__		47.8			1.5	123611	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.56	56.5	Lg	12:05:53.481	-1.5					T__						123612	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KECS	0.80	33.1	Pn	12:05:51.454	0.0					T__		125.3			2.0	123615	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.80	33.1	Lg	12:06:02.118	-0.1					T__						123614	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.83	34.7	Pn	12:05:51.911	0.1					T__		61.1			1.7	123616	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.83	34.7	Lg	12:06:02.501	-0.7					T__						123617	FDSN	ZJ	--	BUD	BUD	HHN	???	_
ABAH	1.06	62.5	Sn	12:06:10.399	-1.2					T__						123620	FDSN	HU	--	BUD	BUD	HHN	???	_
NIE	1.63	10.9	Sn	12:06:27.493	1.2					T__						123621	FDSN	PL	--	BUD	BUD	BHN	???	_

STOP  
Event bud2022wciw Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/11	08:32:28.02	0.35	0.28	46.9313	17.3503	5.8	3.5	52	0.0	0.0	8	0	139	0.15	1.05	sx	BUD	124253	BUD			
2022/11/11	08:32:26.60	1.76	1.48	46.8862	17.2992	8.3	4.6	151	0.0f		10	6	157	0.12	2.04	sx	ILOC	191	ILOC			178

(#PRIME)  
(locality : Várköly Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.3	3 BUD	124253
M	1.5		3 BUD	124253
ML	1.6	0.2	3 ILOC	191

Sta	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	302.6	Pg	08:32:30.646	0.9					T__		1225.4		___	ML	1.7	124254	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A261A	0.12	302.6	Lg	08:32:32.770	0.5					T__				___		124258	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BADH	0.14	124.1	Lg	08:32:32.383	-0.4					T__				___		124257	FDSN	HU	--	BUD	BUD	HHN	???	_	
MPLH	0.33	30.0	Pg	08:32:33.008	-0.8					T__		145.0		___	ML	1.4	124260	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.33	30.0	Lg	08:32:36.575	-2.8					T__				___		124259	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOVH	0.97	145.0	Pn	08:32:47.247	0.9					T__		34.6		___	ML	1.6	124255	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.97	145.0	Sn	08:32:59.893	-1.4					T__				___		124261	FDSN	HU	--	BUD	BUD	HHN	???	_	
RONA	1.06	320.4	Lg	08:33:01.862	-0.0					T__				___		124256	FDSN	OE	--	BUD	BUD	HHN	???	_	
PSZI	2.04	58.7	I	08:45:19.077	1.7	245.5	4.9	326.11	-86.3	TA_				___		213	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP

Event bud2022wckp Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/11	09:24:26.72	0.48	1.15	48.5676	20.7903	6.1	3.9	0	0.0	0.0	9	0	129	0.18	1.25	sx	BUD	124367	BUD			
2022/11/11	09:24:24.93	1.90	0.72	48.5431	20.8276	5.6	4.4	39	0.0f		11	8	130	0.20	1.21	sx	ILOC	192	ILOC			213

(#PRIME)

(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.0	2 BUD	124367
M	1.4	2	BUD	124367
ML	1.5	0.0	3 ILOC	192

Sta	Dist	EvAz	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	256.2	Pg	09:24:28.712	-0.4					T__		402.7		___	ML	1.5	124368	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.20	256.2	Lg	09:24:32.245	-0.1					T__				___		124369	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.24	255.4	Pg	09:24:29.223	-0.6					T__		1620.3		___	ML	2.2	124371	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.24	255.4	Lg	09:24:33.505	-0.1					T__				___		124370	FDSN	SK	--	BUD	BUD	EHN	???	_	
ABAH	0.37	131.9	Lg	09:24:39.841	0.8					T__				___		124373	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.47	205.7	Lg	09:24:41.594	-0.8					T__				___		124372	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.88	225.3	Lg	09:24:57.115	0.3					T__				___		124374	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.88	225.3	I	09:29:24.416	1.1	43.9	-0.7	344.38	7.4	TA_				___		214	FDSN	HN	--	BUD	BUD	BDF	???	_	
NIE	0.94	338.5	Pn	09:24:45.465	0.9					T__		28.4		___	ML	1.5	124375	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
TRPA	1.21	109.2	Sn	09:25:06.135	-0.5					T__				___		124376	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022wcma Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/11	10:07:44.15	0.36	0.36	48.4067	20.6272	6.2	3.7	49	0.0	0.0	8	0	138	0.11	0.42	sx	BUD	124450	BUD			
2022/11/11	10:07:42.81	1.82	0.82	48.4053	20.6598	5.5	3.5	46	0.0f		10	5	147	0.12	0.71	sx	ILOC	193	ILOC			239

(#PRIME)

(locality : Alsótelekes Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.2	4 BUD	124450
M	1.2	4	BUD	124450
ML	1.3	0.1	4 ILOC	193

Sta	Dist	EvAz	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	318.5	Pg	10:07:45.816	0.3	T__	478.4	_c_	ML	1.3	124451	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_			
JOS	0.12	318.5	Lg	10:07:47.304	-0.4	T__		---			124452	FDSN	ZJ	--	BUD	BUD	HHN	???	_			
KECS	0.14	304.0	Pg	10:07:46.231	0.4	T__	385.5	---	ML	1.3	124454	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_			
KECS	0.14	304.0	Lg	10:07:47.858	-0.5	T__		---			124453	FDSN	SK	--	BUD	BUD	EHN	???	_			
HU02A	0.30	197.7	Pg	10:07:49.432	0.1	T__	41.2	---	ML	0.7	124455	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_			
HU02A	0.30	197.7	Lg	10:07:53.463	-1.0	T__		---			124456	FDSN	ZJ	00	BUD	BUD	HHN	???	_			
ABAH	0.40	105.6	Pg	10:07:52.512	1.4	T__	65.7	---	ML	1.2	124458	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_			
ABAH	0.40	105.6	Lg	10:07:57.529	-0.6	T__		---			124457	FDSN	HU	--	BUD	BUD	HHN	???	_			
PSZI	0.71	226.7	I	10:11:38.367	0.8	46.0	-0.2	349.43	16.8	TA_		---		215	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
Event bud2022wcrv Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/11	13:03:52.91	0.47	0.43	48.3739	19.8520	5.8	3.5	118	0.0	0.0	13	0	176	0.44	1.09	sx	BUD	124723	BUD			
2022/11/11	13:03:51.30	1.52	1.40	48.3442	19.8503	5.4	2.2	174	0.0f		15	8	174	0.43	1.12	sx	ILOC	194	ILOC			230

(#PRIME)  
(locality : Velke-Dravce Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.1	6 BUD	124723
M	1.9		6 BUD	124723
ML	1.9	0.1	6 ILOC	194

Sta	Dist	EvAz	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	176.0	Pg	13:04:01.497	0.8					T__		194.2		---	ML	1.8	124730	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.43	176.0	Lg	13:04:08.107	0.5					T__				---		124731	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.43	176.1	I	13:06:09.448	-0.8	357.8	1.7	346.33	13.6	TA_				---		216	FDSN	HN	--	BUD	BUD	BDF	???	_	
KECS	0.45	71.6	Pg	13:04:01.460	1.1					T__		286.9		---	ML	2.0	124724	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.45	71.6	Lg	13:04:06.975	-0.2					T__				---		124732	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU03A	0.47	200.9	Lg	13:04:08.229	-0.3					T__				---		124733	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.48	71.5	Pg	13:04:01.825	0.8					T__		157.7		---	ML	1.8	124725	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.48	71.5	Lg	13:04:07.486	-1.0					T__				---		124734	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.50	116.0	Pg	13:04:02.191	0.2					T__		102.4		---	ML	1.7	124727	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.50	116.0	Lg	13:04:09.786	-0.3					T__				---		124726	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ABAH	0.93	92.5	Pn	13:04:10.809	0.5					T__		106.5		---	ML	2.0	124728	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.93	92.5	Sn	13:04:22.458	-3.2					T__				---		124735	FDSN	HU	--	BUD	BUD	HHN	???	_	
NIE	1.12	15.3	Pn	13:04:13.986	0.6					T__		88.5		---	ML	2.1	124729	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.12	15.3	Sn	13:04:28.046	-2.9					T__				---		124736	FDSN	PL	--	BUD	BUD	BHN	???	_	

STOP  
Event bud2022wllm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/16	08:05:05.13	0.26	1.01	46.9007	17.3015	3.0	2.7	41	0.0	0.0	18	0	71	0.14	1.26	kx	BUD	125778	BUD			
2022/11/16	08:05:01.55			46.8548	17.2699				0.0							kx	BUD_GT	1	BUD			
2022/11/16	08:05:02.53	1.40	0.87	46.9218	17.3335	6.4	4.4	151	0.0f		20	15	71	0.13	2.00	kx	ILOC	195	ILOC			103

(#PRIME)  
(locality : Várvölgy Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.1	4 BUD	125778

M 2.0 4 BUD 125778  
ML 1.9 0.1 4 ILOC 195

Sta	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	283.5	Lg	08:05:09.531	1.1					T__						125793	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BADH	0.15	140.6	Lg	08:05:09.765	0.8					T__						125794	FDSN	HU	--	BUD	BUD	HHN	???	_	
A263A	0.28	182.6	Lg	08:05:13.058	-0.2					T__						125779	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	0.29	29.5	Pg	08:05:08.417	-0.4					T__		863.5			ML	2.0	125795	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.29	29.5	Lg	08:05:14.926	1.0					T__						125796	FDSN	HU	--	BUD	BUD	HHN	???	_	
TIH	0.38	93.0	Lg	08:05:18.040	1.1					T__						125780	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.65	38.1	Pn	08:05:18.440	0.5					T__		141.1			ML	2.0	125782	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU08A	0.65	38.1	Lg	08:05:27.497	1.0					T__						125781	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
A266A	0.75	121.4	Sn	08:05:30.626	-1.4					T__						125784	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
CSKK	0.77	54.8	Lg	08:05:31.275	0.2					T__						125783	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOGS	0.88	238.0	Sn	08:05:34.125	-0.9					T__						125785	FDSN	SL	--	BUD	BUD	BHN	???	_	
KOVH	0.99	147.3	Pn	08:05:22.186	-0.3					T__		66.4			ML	1.9	125792	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.99	147.3	Sn	08:05:36.574	-1.0					T__						125791	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	1.01	44.5	Lg	08:05:39.847	0.4					T__						125787	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
RONA	1.05	318.2	Sn	08:05:39.203	-0.2					T__						125786	FDSN	OE	--	BUD	BUD	HHN	???	_	
MORH	1.15	127.6	Pg	08:05:26.301	-0.5					T__		47.8			ML	1.8	125789	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.15	127.6	Lg	08:05:43.392	1.3					T__						125788	FDSN	HU	--	BUD	BUD	HHN	???	_	
ARSA	1.28	285.5	Sn	08:05:44.597	0.1					T__						125790	FDSN	OE	--	BUD	BUD	HHN	???	_	
PSZI	2.00	59.2	I	08:17:36.916	-1.0	236.3	-4.8	253.30	-158.5	TA_						217	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022wloh Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/16	09:30:40.87	1.27	0.14	47.9205	20.1242	32.7	3.8	159	0.0	0.0	7	0	214	0.15	0.64	sx	BUD	125982	BUD			
2022/11/16	09:30:38.59	1.94	1.22	47.8892	20.1656	5.4	1.0	99	0.0f	9	5	226	0.18	0.66	sx	ILOC	196	ILOC				250

(#PRIME)  
(locality : Kisdána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.2	4 BUD	125982
M	1.2		4 BUD	125982
ML	1.3	0.1	4 ILOC	196

Sta	Dist	EvAz	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	279.2	Pg	09:30:43.794	0.7					T__		279.9			_c_ ML	1.3	125983	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	279.2	Lg	09:30:45.314	-1.5					T__						125987	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.19	279.0	I	09:31:39.140	0.9	102.3	3.5	344.07	6.7	TA_						218	FDSN	HN	--	BUD	BUD	BDF	???	_	
HU02A	0.34	45.9	Pg	09:30:47.674	1.7					T__		69.2			ML	1.1	125985	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.34	45.9	Lg	09:30:51.156	-0.6					T__						125988	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.38	272.4	Pg	09:30:47.611	0.8					T__		77.0			ML	1.2	125984	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.38	272.4	Lg	09:30:51.975	-0.9					T__						125986	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.66	22.3	Pn	09:30:53.132	-0.8					T__		54.5			ML	1.6	125989	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_

STOP  
Event bud2022wurt Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/21	09:28:43.39	0.64	0.60	48.4882	17.5705	10.0	3.3	117	0.0	0.0	11	0	216	0.23	1.29	sx	BUD	127537	BUD			

2022/11/21 09:28:42.34 2.01 0.43 48.5533 17.4161 7.7 4.7 17 0.0f 13 8 97 0.20 1.77 sx ILOC 197 ILOC 178  
 (#PRIME)  
 (locality : Boleraz Slovakia)

Magnitude Err Nsta Author OrigID  
 MLv 1.7 0.4 2 BUD 127537  
 M 1.7 2 BUD 127537

Sta	Dist	EvAz	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	207.2	Pg	09:28:46.670	-0.3					T__						127538	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	0.20	207.2	Lg	09:28:50.514	-0.3					T__						127543	FDSN	SK	--	BUD	BUD	HHN	???	_	
JAVC	0.35	28.8	Pg	09:28:50.213	0.3					T__		131.3			ML	1.4	127540	FDSN	CZ	--	BUD	BUD	HHZ	HHZ	_
JAVC	0.35	28.8	Lg	09:28:55.827	0.0					T__						127544	FDSN	CZ	--	BUD	BUD	HHN	???	_	
ZST	0.41	210.4	Pg	09:28:51.509	0.5					T__						127539	FDSN	SK	--	BUD	BUD	HHZ	???	_	
ZST	0.41	210.4	Lg	09:28:56.932	-0.8					T__						127545	FDSN	SK	--	BUD	BUD	HHN	???	_	
KRUC	0.85	307.4	Sn	09:29:14.315	-0.7					T__						127541	FDSN	CZ	--	BUD	BUD	HHE	???	_	
RONA	1.14	221.7	Sn	09:29:21.873	-0.1					T__						127546	FDSN	OE	--	BUD	BUD	HHN	???	_	
CONA	1.21	239.5	Pn	09:29:06.609	0.3					T__		66.4			ML	2.0	127542	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	1.21	239.5	Sn	09:29:24.029	0.0					T__						127547	FDSN	OE	--	BUD	BUD	HHN	???	_	
MORC	1.23	3.8	Sn	09:29:24.795	-0.2					T__						127548	FDSN	CZ	--	BUD	BUD	HHN	???	_	
PSZI	1.77	110.1	I	09:39:43.162	-0.1	296.4	4.5	320.54	-81.4	TA_						219	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
 Event bud2022wwpr Slovakia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp  
 2022/11/22 10:41:25.64 0.24 0.81 48.4588 19.1463 3.1 2.4 166 0.0 0.0 23 0 76 0.62 1.69 sx BUD 128053 BUD  
 2022/11/22 10:41:23.30 1.35 1.32 48.4724 19.1363 5.3 3.7 141 0.0f 25 16 76 0.63 1.67 sx ILOC 198 ILOC 126  
 (#PRIME)  
 (locality : Krupina Slovakia)

Magnitude Err Nsta Author OrigID  
 MLv 1.9 0.1 7 BUD 128053  
 M 1.9 7 BUD 128053  
 ML 1.9 0.1 7 ILOC 198

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU10A	0.63	187.2	Pg	10:41:36.678	0.3					T__		297.7			ML	2.3	128067	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	0.63	187.2	Lg	10:41:44.493	-2.0					T__						128066	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.65	151.2	Pg	10:41:37.504	0.6					T__		129.2			ML	2.0	128065	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.65	151.2	Lg	10:41:47.145	0.5					T__						128064	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZI	0.75	137.3	I	10:45:36.335	2.9	317.5	-0.4	350.64	17.3	TA_						220	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.75	137.3	Pg	10:41:39.330	0.1					T__		80.1			ML	1.8	128061	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.75	137.3	Lg	10:41:50.213	-0.5					T__						128060	FDSN	GE	--	BUD	BUD	HHN	???	_	
SRO	0.86	220.2	Lg	10:41:53.190	-1.2					T__						128068	FDSN	SK	--	BUD	BUD	EHN	???	_	
KECS	0.90	88.8	Pn	10:41:41.521	-0.6					T__		114.8			ML	2.1	128057	FDSN	SK	--	BUD	BUD	EHN	EHZ	_
KECS	0.90	88.8	Lg	10:41:54.741	0.2					T__						128056	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.93	88.0	Pn	10:41:41.959	-0.7					T__		73.0			ML	1.9	128054	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.93	88.0	Lg	10:41:55.873	0.1					T__						128055	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
HU02A	0.99	110.2	Pn	10:41:43.201	-0.3					T__		61.2			ML	1.8	128058	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.99	110.2	Sn	10:41:57.005	-2.6					T__						128059	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
BUD	0.99	184.4	Lg	10:41:58.031	-1.0					T__						128069	FDSN	HU	--	BUD	BUD	HHN	???	_	
JAVC	1.05	292.3	Lg	10:42:00.800	0.3					T__						128070	FDSN	CZ	--	BUD	BUD	HHN	???	_	

NIE	1.22	38.6	Pn	10:41:49.628	2.7	T__	34.7	___	ML	1.7	128062	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
NIE	1.22	38.6	Sn	10:42:05.477	-0.3	T__		___			128063	FDSN	PL	--	BUD	BUD	BHN	???	_
MODS	1.24	266.1	Pg	10:41:50.378	2.2	T__		___			128072	FDSN	SK	--	BUD	BUD	HHZ	???	_
MODS	1.24	266.1	Sn	10:42:05.277	-0.9	T__		___			128071	FDSN	SK	--	BUD	BUD	HHN	???	_
CSKK	1.26	208.3	Sn	10:42:05.556	-0.5	T__		___			128073	FDSN	HU	--	BUD	BUD	HHN	???	_
HU08A	1.32	218.5	Sn	10:42:08.383	0.8	T__		___			128074	FDSN	ZJ	00	BUD	BUD	HHN	???	_
ABAH	1.41	96.4	Lg	10:42:12.280	-1.0	T__		___			128075	FDSN	HU	--	BUD	BUD	HHN	???	_
MORC	1.67	321.9	Sn	10:42:17.395	0.1	T__		___			128076	FDSN	CZ	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022wvsl Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/22	12:06:03.65	0.69	0.90	47.8616	20.1031	10.6	3.3	163	0.0	0.0	12	0	217	0.15	0.88	sx	BUD	128114	BUD			
2022/11/22	12:06:02.10	1.49	1.45	47.8789	20.1545	5.2	0.9	102	0.0f		14	7	214	0.18	0.84	sx	ILOC	199	ILOC			228

(#PRIME)  
(locality : Kismána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.2	4 BUD	128114
M	1.5		4 BUD	128114
ML	1.7	0.1	6 ILOC	199

Sta	Dist	EVaz	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	282.8	Pg	12:06:07.075	0.5					T__		355.3		___	ML	1.3	128115	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	282.8	Lg	12:06:08.883	-1.2					T__				___		128119	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.18	282.6	I	12:07:02.598	2.6	104.4	2.0	343.45	6.0	TA_				___		221	FDSN	HN	--	BUD	BUD	BDF	???	_	
HU02A	0.35	45.5	Pg	12:06:11.028	1.3					T__		88.4		___	ML	1.2	128117	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.35	45.5	Lg	12:06:15.009	-0.7					T__				___		128120	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU03A	0.37	274.0	Pg	12:06:07.897	-2.3					T__		235.5		___	ML	1.7	128116	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.37	274.0	Lg	12:06:14.872	-1.3					T__				___		128121	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KECS	0.64	20.0	Pg	12:06:16.071	1.0					T__		100.7		___	ML	1.9	128123	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.64	20.0	Lg	12:06:24.836	-0.1					T__				___		128122	FDSN	SK	--	BUD	BUD	EHN	???	_	
JOS	0.67	22.5	Pn	12:06:17.757	0.2					T__		66.9		___	ML	1.7	128118	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.67	22.5	Lg	12:06:25.681	-0.1					T__				___		128124	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	0.84	59.7	Pn	12:06:21.263	1.4					T__		106.7		___	ML	2.0	128126	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.84	59.7	Sn	12:06:32.730	-1.5					T__				___		128125	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022xaci Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2022/11/24	08:33:33.35	0.18	1.07	47.3547	17.7073	2.4	1.9	155	0.0	0.0	33	0	61	0.17	2.32	kx	BUD	128749	BUD				
2022/11/24	08:33:31.75			47.3300	17.6350				0.0								kx	BUD_GT	1	BUD			
2022/11/24	08:33:31.50	1.11	1.54	47.3545	17.7179	8.3	6.2	69	0.0f		34	25	62	0.16	2.33	kx	ILOC	200	ILOC			73	

(#PRIME)  
(locality : Ugod Hungary)  
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.1	0.1	7 BUD	128749
M	2.1		7 BUD	128749
ML	2.1	0.1	9 ILOC	200

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
HU08A	0.16	61.2	Pg	08:33:35.281	-0.0					T__		1036.7		___	ML	1.8	128755	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU08A	0.16	61.2	Lg	08:33:39.515	0.8					T__				___		128754	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	0.22	213.4	Pg	08:33:34.725	-1.8					T__		678.0		___	ML	1.7	128750	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.22	213.4	Lg	08:33:38.018	-2.6					T__				___		128782	FDSN	HU	--	BUD	BUD	HHN	???	_	
EGYH	0.27	283.6	Pg	08:33:37.569	0.1					T__		1677.1		___	ML	2.3	128752	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
EGYH	0.27	283.6	Lg	08:33:42.359	0.1					T__				___		128751	FDSN	HU	--	BUD	BUD	HHN	???	_	
CSKK	0.37	88.5	Lg	08:33:46.143	0.1					T__				___		128757	FDSN	HU	--	BUD	BUD	HHN	???	_	
TIH	0.47	165.2	Lg	08:33:48.795	0.2					T__				___		128756	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	0.53	57.5	Lg	08:33:51.028	-0.6					T__				___		128769	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
A261A	0.56	224.2	Lg	08:33:52.216	1.0					T__				___		128753	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
A263A	0.77	201.3	Lg	08:33:58.460	0.8					T__				___		128758	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
SOP	0.85	293.1	Lg	08:34:00.962	0.8					T__				___		128770	FDSN	HU	--	BUD	BUD	HHN	???	_	
BUD	0.90	81.2	Pn	08:33:50.809	0.5					T__		149.8		___	ML	2.2	128771	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
A266A	0.91	155.5	Lg	08:34:03.719	0.8					T__				___		128772	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
A262A	0.95	239.3	Pg	08:33:50.836	0.5					T__		222.0		___	ML	2.4	128773	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A262A	0.95	239.3	Sn	08:34:05.034	-0.7					T__				___		128774	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU10A	1.01	60.4	Pn	08:33:51.960	0.1					T__		118.7		___	ML	2.1	128764	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU10A	1.01	60.4	Sn	08:34:06.842	-1.0					T__				___		128763	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
RONA	1.02	290.2	Lg	08:34:05.987	0.6					T__				___		128759	FDSN	OE	--	BUD	BUD	HHN	???	_	
MODS	1.06	343.9	Pg	08:33:53.414	0.4					T__				___		128761	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	1.06	343.9	Lg	08:34:07.483	-1.9					T__				___		128775	FDSN	SK	--	BUD	BUD	HHN	???	_	
BEHE	1.10	216.5	Sn	08:34:10.092	0.6					T__				___		128760	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOVH	1.29	168.1	Pn	08:33:56.493	0.8					T__		71.2		___	ML	2.1	128765	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	1.29	168.1	Sn	08:34:13.727	-0.6					T__				___		128776	FDSN	HU	--	BUD	BUD	HHN	???	_	
MORH	1.31	150.5	Pn	08:33:56.322	0.6					T__		64.2		___	ML	2.0	128768	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.31	150.5	Sn	08:34:14.583	-0.1					T__				___		128777	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOGS	1.35	228.5	Sn	08:34:17.961	2.5					T__				___		128762	FDSN	SL	--	BUD	BUD	BHN	???	_	
CONA	1.38	295.3	Pn	08:33:56.407	-1.1					T__		80.4		___	ML	2.2	128767	FDSN	OE	--	BUD	BUD	HHZ	HHZ	_
CONA	1.38	295.3	Lg	08:34:16.250	-0.2					T__				___		128766	FDSN	OE	--	BUD	BUD	HHN	???	_	
ARSA	1.50	266.8	Lg	08:34:22.073	2.9					T__				___		128778	FDSN	OE	--	BUD	BUD	HHN	???	_	
JAVC	1.51	358.8	Sn	08:34:21.359	0.3					T__				___		128779	FDSN	CZ	--	BUD	BUD	HHN	???	_	
PSZI	1.58	68.2	I	08:44:04.263	55.3	248.9	-0.9	314.37	-73.0	_A_				___		222	FDSN	HN	--	BUD	BUD	BDF	???	_	
HU02A	2.04	66.9	Lg	08:34:40.747	-5.9					T__				___		128780	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
OBKA	2.33	249.9	Lg	08:34:49.570	-1.1					T__				___		128781	FDSN	OE	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022xhpn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/28	11:06:46.08	0.35	0.62	47.8869	20.0774	5.0	2.9	158	0.0	0.0	11	0	112	0.13	0.88	sx	BUD	130355	BUD			
2022/11/28	11:06:43.63	1.76	1.48	47.8833	20.1537	5.2	0.9	101	0.0f		13	9	105	0.18	0.84	sx	ILOC	201	ILOC			208
#PRIME)																						
(locality : Recsk Hungary)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.1	3 BUD	130355
M	1.1		3 BUD	130355
ML	1.3	0.1	3 ILOC	201

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
PSZ	0.18	281.5	Pg	11:06:47.950	-0.1					T__		300.3		___	ML	1.3	130356	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_



PSZ	0.18	281.5	Lg	11:06:49.896	-1.7					T__						130360	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.18	281.3	I	11:07:43.846	2.8	104.1	3.0	352.56	15.1	TA_						223	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.19	268.8	Pg	11:06:48.271	0.2					T__			322.4			130358	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.19	268.8	Lg	11:06:50.388	-1.2					T__						130357	FDSN	HU	--	BUD	BUD	HHN	???	_
HU23A	0.25	165.1	Lg	11:06:55.048	1.2					T__						130361	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU02A	0.35	46.1	Lg	11:06:56.963	-0.2					T__						130359	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU03A	0.37	273.4	Pg	11:06:51.594	-0.1					T__			70.5			130363	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.37	273.4	Lg	11:06:56.341	-1.4					T__						130362	FDSN	ZJ	00	BUD	BUD	HHN	???	_
KECS	0.64	20.2	Lg	11:07:08.034	1.7					T__						130366	FDSN	SK	--	BUD	BUD	EHN	???	_
JOS	0.67	22.7	Lg	11:07:08.384	1.2					T__						130364	FDSN	ZJ	--	BUD	BUD	HHN	???	_
ABAH	0.84	60.0	Sn	11:07:14.346	-1.4					T__						130365	FDSN	HU	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022xjjc Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/29	10:08:46.71	0.74	0.70	48.5459	19.4040	7.4	3.8	119	0.0	0.0	11	0	193	0.66	1.25	sx	BUD	130800	BUD			
2022/11/29	10:08:43.66	3.27	0.75	48.5603	19.3931	21.4	3.7	151	0.0f		12	10	195	0.67	1.26	sx	ILOC	202	ILOC			254

(#PRIME)  
(locality : Viglas Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	2 BUD	130800
M	1.6		2 BUD	130800

Sta	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	0.67	168.1	Lg	10:09:08.180	0.4					T__						130807	FDSN	ZJ	00	BUD	BUD	HHN	???	_
PSZ	0.72	152.3	Lg	10:09:09.542	-0.6					T__						130809	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.72	152.3	I	10:11:52.548	-51.8	335.2	2.5	323.58	-9.3	_A_						224	FDSN	HN	--	BUD	BUD	BDF	???	_
KECS	0.73	95.7	Lg	10:09:10.152	1.0					T__						130803	FDSN	SK	--	BUD	BUD	EHN	???	_
ET1H	0.75	154.7	Lg	10:09:11.028	0.4					T__						130806	FDSN	HU	--	BUD	BUD	HHN	???	_
HU10A	0.76	199.4	Lg	10:09:10.590	-0.7					T__						130808	FDSN	ZJ	00	BUD	BUD	HHN	???	_
JOS	0.76	94.4	Pn	10:08:59.926	-0.7					T__		69.9				130802	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.76	94.4	Lg	10:09:11.740	1.4					T__						130801	FDSN	ZJ	--	BUD	BUD	HHN	???	_
HU02A	0.87	119.7	Pn	10:09:02.264	0.0					T__		30.8				130804	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.87	119.7	Lg	10:09:14.351	-0.8					T__						130810	FDSN	ZJ	00	BUD	BUD	HHN	???	_
NIE	1.05	34.5	Sn	10:09:21.765	0.0					T__						130811	FDSN	PL	--	BUD	BUD	BHN	???	_
ABAH	1.26	101.4	Sn	10:09:25.782	-0.3					T__						130805	FDSN	HU	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022xjxx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/29	10:33:25.00	1.68	0.17	47.2126	18.2958	17.0	5.8	137	0.0	0.0	6	0	257	0.15	0.52	sx	BUD	130891	BUD			
2022/11/29	10:33:23.81			47.2302	18.2835				0.0							kx	BUD_GT	1	BUD			
2022/11/29	10:33:24.25	2.49	1.01	47.2462	18.2614	20.0	6.8	59	0.0f		7	5	203	0.12	1.29	sx	ILOC	203	ILOC			250

(#PRIME)  
(locality : Iszkaszentgyörgy Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.1	2 BUD	130891
M	1.1		2 BUD	130891

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.12	359.7	Pg	10:33:27.872	0.6					T__		280.9		___	ML	1.1	130892	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.12	359.7	Lg	10:33:29.268	-0.8					T__				___		130893	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.30	309.0	Pg	10:33:31.344	0.7					T__		72.7		___	ML	1.0	130895	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU08A	0.30	309.0	Lg	10:33:35.278	-0.8					T__				___		130894	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
HU09A	0.40	11.8	Lg	10:33:38.782	-1.1					T__				___		130896	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MPLH	0.50	261.5	Lg	10:33:41.578	-0.9					T__				___		130897	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.29	58.1	I	10:42:06.433	62.8	238.5	-0.8	300.13	-63.0	_A_				___		225	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022xjqb Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/29	13:39:33.15	0.27	0.90	47.1313	19.3037	4.9	2.9	119	0.0	0.0	14	0	102	0.81	1.33	sx	BUD	131201	BUD			
2022/11/29	13:39:31.36	1.35	0.99	47.1407	19.2981	4.4	3.5	115	0.0f		16	9	102	0.80	1.34	sx	ILOC	204	ILOC			166

(#PRIME)  
(locality : Dabas Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.2	7 BUD	131201
M	2.0		7 BUD	131201
ML	1.9	0.1	7 ILOC	204

Sta	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	0.80	309.0	Pn	13:39:49.080	0.4					T__		237.4		___	ML	2.3	131202	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
ET1H	0.83	27.5	Pg	13:39:48.744	-0.3					T__		66.4		___	ML	1.8	131203	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.83	27.5	Lg	13:40:00.722	-0.9					T__				___		131204	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.88	27.2	I	13:44:28.540	1.8	212.3	4.7	325.58	-11.1	TA_				___		226	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.88	27.2	Pn	13:39:49.516	-0.5					T__		147.9		___	ML	2.2	131205	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.88	27.2	Lg	13:40:02.225	-1.3					T__				___		131206	FDSN	GE	--	BUD	BUD	HHN	???	_	
HU14A	0.88	142.0	Pn	13:39:51.128	1.6					T__		251.1		___	ML	2.4	131213	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU14A	0.88	142.0	Lg	13:40:01.737	-1.4					T__				___		131214	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
MORH	1.03	206.2	Pg	13:39:51.996	0.1					T__		42.0		___	ML	1.7	131207	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.03	206.2	Sn	13:40:06.859	-0.9					T__				___		131215	FDSN	HU	--	BUD	BUD	HHN	???	_	
MPLH	1.20	272.1	Lg	13:40:13.187	0.4					T__				___		131208	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	1.29	39.7	Pn	13:39:55.765	0.2					T__		42.3		___	ML	1.8	131209	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.29	39.7	Sn	13:40:14.244	-0.2					T__				___		131210	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KOVH	1.34	218.6	Pn	13:39:56.566	0.5					T__		41.7		___	ML	1.9	131211	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	1.34	218.6	Sn	13:40:14.387	-1.0					T__				___		131212	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022xflf Croatia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/30	10:34:25.14	0.40	0.74	45.5792	17.2839	5.7	3.4	171	0.0	0.0	15	0	129	0.49	1.30	sx	BUD	131471	BUD			
2022/11/30	10:34:24.31	1.29	1.13	45.7108	17.3079	7.5	4.4	142	0.0f		17	11	124	0.41	2.83	sx	ILOC	205	ILOC			214

(#PRIME)  
(locality : Dobra-Kuca Croatia)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.1	0.2	7 BUD	131471
M	2.1		7 BUD	131471

ML 2.0 0.1 9 ILOC 205

Sta	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	0.41	59.8	Pg	10:34:34.163	1.1					T__		393.7		___	ML	2.0	131481	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
A264A	0.45	358.4	Pn	10:34:37.160	-0.9					T__		254.7		___	ML	2.0	131478	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
KOVH	0.67	55.4	Pn	10:34:39.357	-0.6					T__		180.2		___	ML	2.1	131485	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	0.67	55.4	Sn	10:34:50.930	-0.8					T__				___		131486	FDSN	HU	--	BUD	BUD	HHN	???	_	
A265A	0.79	25.3	Pn	10:34:42.437	0.8					T__		347.6		___	ML	2.5	131479	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
BEHE	0.85	334.2	Pn	10:34:43.516	0.8					T__		181.8		___	ML	2.2	131480	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
BEHE	0.85	334.2	Sn	10:34:55.691	-0.4					T__				___		131483	FDSN	HU	--	BUD	BUD	HHE	???	_	
PTJ	0.96	282.3	Pg	10:34:43.298	-0.1					T__		74.9		___	ML	1.9	131475	FDSN	CR	--	BUD	BUD	BHZ	BHZ	_
PTJ	0.96	282.3	Lg	10:34:57.410	0.4					T__				___		131474	FDSN	CR	--	BUD	BUD	BHN	???	_	
BLY	0.97	185.2	Pg	10:34:42.139	-0.9					T__		89.2		___	ML	2.0	131482	FDSN	MN	--	BUD	BUD	HHZ	HHZ	_
KOGS	1.04	315.4	Sn	10:35:01.961	1.3					T__				___		131476	FDSN	SL	--	BUD	BUD	BHN	???	_	
MORH	1.06	61.1	Pn	10:34:45.374	0.1					T__		46.5		___	ML	1.8	131472	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.06	61.1	Lg	10:35:01.454	0.1					T__				___		131473	FDSN	HU	--	BUD	BUD	HHN	???	_	
CRES	1.30	275.7	Pn	10:34:48.795	-0.6					T__		64.3		___	ML	2.0	131484	FDSN	SL	--	BUD	BUD	BHZ	BHZ	_
CRES	1.30	275.7	Sn	10:35:05.993	-1.6					T__				___		131477	FDSN	SL	--	BUD	BUD	BHN	???	_	
PSZI	2.83	37.9	I	10:52:10.785	-2.8	220.5	0.7	335.79	-48.1	TA_				___		227	FDSN	HN	--	BUD	BUD	BDF	???	_	

STOP  
Event bud2022xlma Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/11/30	13:53:05.43	0.36	0.54	47.1040	19.3380	7.6	3.2	123	0.0	0.0	12	0	170	0.78	1.33	sx	BUD	131670	BUD			
2022/11/30	13:53:03.61	1.43	0.89	47.1598	19.2262	4.6	3.6	115	0.0f		14	8	161	0.69	1.32	sx	ILOC	206	ILOC			174

(#PRIME)  
(locality : Dabas Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	6 BUD	131670
M	1.8		6 BUD	131670
ML	1.7	0.2	6 ILOC	206

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.69	287.5	Lg	13:53:30.142	1.0					T__				___		131680	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU03A	0.79	18.6	Pn	13:53:21.575	0.8					T__		114.7		___	ML	2.0	131672	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.79	18.6	Lg	13:53:32.181	0.1					T__				___		131673	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
ET1H	0.84	31.0	Pn	13:53:22.195	0.6					T__		31.1		___	ML	1.5	131671	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.84	31.0	Lg	13:53:33.357	-0.8					T__				___		131674	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.88	30.6	I	13:58:02.490	0.9	212.3	1.3	325.51	-11.4	TA_				___		228	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.88	30.6	Pn	13:53:22.238	-0.1					T__		110.7		___	ML	2.0	131675	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.88	30.6	Lg	13:53:34.640	-1.3					T__				___		131681	FDSN	GE	--	BUD	BUD	HHN	???	_	
MORH	1.03	203.2	Pg	13:53:25.072	1.0					T__		29.6		___	ML	1.5	131676	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.03	203.2	Lg	13:53:38.415	-0.7					T__				___		131682	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	1.30	41.9	Pn	13:53:27.940	-0.1					T__		31.7		___	ML	1.7	131677	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	1.30	41.9	Sn	13:53:46.756	-0.4					T__				___		131678	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
KOVH	1.32	216.3	Pg	13:53:29.885	-1.4					T__		34.0		___	ML	1.8	131679	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_

STOP  
Event bud2022xmw Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2022/12/01 08:07:16.18 0.45 0.21 47.9915 20.3939 6.1 3.4 153 0.0 0.0 8 0 155 0.16 0.64 kx BUD 131745 BUD  
 2022/12/01 08:07:13.53 47.9760 20.3693 0.0 kx BUD\_GT 1 BUD  
 2022/12/01 08:07:13.47 1.91 0.79 47.9712 20.3914 5.0 1.8 81 0.0f 10 8 160 0.18 0.65 kx ILOC 207 ILOC 195  
 (#PRIME)  
 (locality : Eger-III Hungary)  
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID  
 MLv 1.0 0.0 1 BUD 131745  
 M 1.0 1 BUD 131745

Sta	Dist	EvAz	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	30.6	Pg	08:07:18.895	1.2					T__		163.6		___	ML	1.0	131746	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.18	30.6	Lg	08:07:20.477	-0.7					T__				___		131748	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
PSZ	0.34	261.2	Lg	08:07:26.917	0.0					T__				___		131749	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.34	261.1	I	08:09:01.949	-1.1	76.7	-4.1	347.33	13.2	TA_				___		229	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.36	255.4	Lg	08:07:27.628	0.4					T__				___		131747	FDSN	HU	--	BUD	BUD	HHN	???	_	
KECS	0.52	7.0	Lg	08:07:31.888	-0.0					T__				___		131750	FDSN	SK	--	BUD	BUD	EHN	???	_	
HU11A	0.52	94.8	Lg	08:07:32.905	-0.5					T__				___		131752	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
JOS	0.53	10.6	Lg	08:07:32.728	0.2					T__				___		131751	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
ABAH	0.65	59.9	Lg	08:07:36.893	-0.8					T__				___		131753	FDSN	HU	--	BUD	BUD	HHN	???	_	

STOP  
 Event bud2022xneq Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/01	12:26:02.29	0.44	0.66	47.1689	19.2546	26.6	3.9	117	0.0	0.0	9	0	173	0.30	1.28	sx	BUD	132147	BUD			
2022/12/01	12:26:00.63	1.68	1.74	47.1645	19.2351	5.3	4.6	32	0.0f		11	7	174	0.32	1.30	sx	ILOC	208	ILOC			322

(#PRIME)  
 (locality : Dabas Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.6 0.1 6 BUD 132147  
 M 1.6 6 BUD 132147  
 ML 1.6 0.1 6 ILOC 208

Sta	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	0.32	55.4	Pg	12:26:09.100	1.1					T__		381.7		___	ML	1.8	132150	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.78	18.3	Pn	12:26:18.195	0.5					T__		61.6		___	ML	1.7	132156	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
ET1H	0.83	30.9	Pg	12:26:18.068	-0.3					T__		33.4		___	ML	1.5	132149	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.83	30.9	Lg	12:26:27.960	-2.9					T__				___		132151	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.88	30.4	I	12:30:57.940	1.9	212.3	1.4	325.55	-11.1	TA_				___		230	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.88	30.4	Pg	12:26:19.436	0.1					T__		67.6		___	ML	1.8	132148	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.88	30.4	Lg	12:26:29.675	-3.1					T__				___		132152	FDSN	GE	--	BUD	BUD	HHE	???	_	
MORH	1.03	203.4	Pn	12:26:21.461	0.4					T__		28.0		___	ML	1.5	132153	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.03	203.4	Lg	12:26:36.054	-0.3					T__				___		132154	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	1.30	41.8	Pn	12:26:25.687	0.7					T__		22.1		___	ML	1.6	132155	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_

STOP  
 Event bud2022xoqg Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/02	07:26:31.16	0.36	0.63	47.1149	17.8745	5.3	3.7	89	0.0	0.0	8	0	106	0.22	1.04	sx	BUD	132497	BUD			

2022/12/02 07:26:29.59 1.80 1.11 47.1219 17.8719 7.2 4.8 146 0.0f 10 7 105 0.22 1.58 sx ILOC 210 ILOC 190  
 (#PRIME)  
 (locality : Veszprém Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.3 0.5 3 BUD 132497  
 M 1.3 3 BUD 132497  
 ML 1.5 0.2 3 ILOC 210

Sta	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	176.3	Pg	07:26:35.861	1.3					T__		402.5		___ ML	1.5	132499	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
TIH	0.22	176.3	Lg	07:26:38.335	-0.3					T__				___		132505	FDSN	HU	--	BUD	BUD	HHE	???	_
MPLH	0.23	282.1	Pg	07:26:35.496	0.6					T__		67.5		___ ML	0.8	132498	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.23	282.1	Lg	07:26:38.157	-1.0					T__				___		132500	FDSN	HU	--	BUD	BUD	HHN	???	_
HU08A	0.31	6.5	Lg	07:26:41.444	-0.6					T__				___		132501	FDSN	ZJ	00	BUD	BUD	HHN	???	_
CSKK	0.36	47.5	Lg	07:26:42.466	-1.3					T__				___		132502	FDSN	HU	--	BUD	BUD	HHN	???	_
KOVH	1.05	171.3	Sn	07:27:04.743	-1.6					T__				___		132503	FDSN	HU	--	BUD	BUD	HHN	???	_
MORH	1.05	149.4	Pn	07:26:49.624	-0.6					T__		34.7		___ ML	1.6	132504	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
PSZI	1.58	59.1	I	07:36:11.729	0.7	238.2	-2.4	289.77	-98.3	TA_				___		232	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP  
 Event bud2022xovs Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/02	10:11:58.89	1.14	0.32	47.7908	20.1914	14.2	4.1	159	0.0	0.0	9	0	252	0.23	0.74	sx	BUD	132618	BUD			
2022/12/02	10:11:58.54	1.91	0.67	47.8797	20.1617	5.4	1.0	102	0.0f		11	6	224	0.18	0.67	sx	ILOC	212	ILOC			247

(#PRIME)  
 (locality : Kisdána Hungary)

Magnitude Err Nsta Author OrigID  
 MLv 1.4 0.1 4 BUD 132618  
 M 1.4 4 BUD 132618  
 ML 1.3 0.1 4 ILOC 212

Sta	Dist	EvAz	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	282.3	Pg	10:12:03.149	0.1					T__		332.8		_c_ ML	1.3	132620	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.18	282.3	Lg	10:12:05.961	-0.8					T__				___		132625	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.18	282.1	I	10:12:58.789	0.9	102.2	0.3	349.86	12.5	TA_				___		234	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.20	269.9	Pg	10:12:03.304	0.2					T__		375.6		___ ML	1.4	132619	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.20	269.9	Lg	10:12:05.824	-0.9					T__				___		132622	FDSN	HU	--	BUD	BUD	HHN	???	_
HU02A	0.34	45.0	Pg	10:12:06.258	0.2					T__		67.7		___ ML	1.1	132621	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.34	45.0	Lg	10:12:11.845	-0.2					T__				___		132623	FDSN	ZJ	00	BUD	BUD	HHN	???	_
HU03A	0.38	273.9	Pg	10:12:07.491	0.8					T__		74.3		___ ML	1.2	132624	FDSN	ZJ	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.38	273.9	Lg	10:12:12.020	-0.8					T__				___		132626	FDSN	ZJ	00	BUD	BUD	HHN	???	_
JOS	0.67	22.1	Lg	10:12:22.609	0.5					T__				___		132627	FDSN	ZJ	--	BUD	BUD	HHN	???	_

STOP  
 Event bud2022xovy Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/02	10:18:35.82	0.40	0.63	48.6601	20.8142	5.5	3.4	157	0.0	0.0	14	0	105	0.25	1.27	sx	BUD	132684	BUD			
2022/12/02	10:18:35.41	1.56	0.76	48.5836	20.8072	5.3	4.4	28	0.0f		16	11	93	0.20	1.28	sx	ILOC	213	ILOC			184

(#PRIME)

(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	3.6	4.4	7 BUD	132684
M	3.6		7 BUD	132684
ML	1.4	0.2	5 ILOC	213

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
JOS	0.20	243.8	Pg	10:18:39.786	0.2					T__		223.1		___	ML	1.2	132688	FDSN	ZJ	--	BUD	BUD	HHZ	HHZ	_
JOS	0.20	243.8	Lg	10:18:43.374	0.5					T__				___		132687	FDSN	ZJ	--	BUD	BUD	HHN	???	_	
KECS	0.24	245.0	Pg	10:18:40.225	-0.1					T__		468.6		___	ML	1.6	132685	FDSN	SK	--	BUD	BUD	EHZ	EHZ	_
KECS	0.24	245.0	Lg	10:18:44.415	0.3					T__				___		132686	FDSN	SK	--	BUD	BUD	EHN	???	_	
ABAH	0.41	134.8	Pg	10:18:44.208	0.4					T__		60.5		___	ML	1.2	132693	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	0.41	134.8	Lg	10:18:50.416	-0.4					T__				___		132692	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU02A	0.50	202.3	Lg	10:18:53.837	-0.1					T__				___		132689	FDSN	ZJ	00	BUD	BUD	HHN	???	_	
NIE	0.90	338.4	Pg	10:18:51.444	-1.0					T__		23.2		___	ML	1.4	132694	FDSN	PL	--	BUD	BUD	BHZ	BHZ	_
PSZ	0.90	222.8	Lg	10:19:07.367	-0.6					T__				___		132690	FDSN	GE	--	BUD	BUD	HHN	???	_	
PSZI	0.90	222.9	I	10:23:40.407	-0.7	42.3	0.1	354.59	16.9	TA_				___		235	FDSN	HN	--	BUD	BUD	BDF	???	_	
ET1H	0.94	221.9	Pg	10:18:55.463	0.4					T__		36.2		___	ML	1.6	132696	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.94	221.9	Lg	10:19:09.266	0.4					T__				___		132691	FDSN	HU	--	BUD	BUD	HHN	???	_	
HOLU	1.05	92.5	Pg	10:18:55.827	0.3					T__				___		132697	FDSN	UA	--	BUD	BUD	MHZ	???	_	
TRPA	1.24	110.8	Sn	10:19:15.755	-2.0					T__				___		132695	FDSN	HU	--	BUD	BUD	HHN	???	_	
STZU	1.28	69.5	Pn	10:19:00.396	0.6					T__				___		132698	FDSN	UA	--	BUD	BUD	MHZ	???	_	

STOP

Event bud2022xzre Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/08	08:24:16.00	0.27	0.75	47.3390	18.3882	3.2	2.8	146	0.0	0.0	15	0	81	0.09	1.17	sx	BUD	134831	BUD			
2022/12/08	08:24:13.27	1.55	1.07	47.3608	18.4501	5.3	4.7	141	0.0f		17	12	82	0.13	1.15	sx	ILOC	214	ILOC			138

(#PRIME)

(locality : Gánt Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	4 BUD	134831
M	1.7		4 BUD	134831
ML	1.7	0.1	4 ILOC	214

Sta	Dist	EvAz	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	271.1	Pg	08:24:16.603	0.1					T__		2047.0		___	ML	2.0	134832	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.13	271.1	Lg	08:24:18.004	-1.5					T__				___		134833	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	0.28	350.7	Lg	08:24:25.381	0.7					T__				___		134834	FDSN	Z6	00	BUD	BUD	HHN	???	_	
HU08A	0.36	281.3	Lg	08:24:27.562	0.2					T__				___		134835	FDSN	Z6	00	BUD	BUD	HHN	???	_	
A267A	0.42	177.0	Pg	08:24:22.558	0.7					T__		150.9		___	ML	1.6	134837	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
A267A	0.42	177.0	Lg	08:24:27.861	-1.2					T__				___		134836	FDSN	Z6	00	BUD	BUD	HHN	???	_	
TIH	0.60	219.7	Lg	08:24:33.292	-1.3					T__				___		134838	FDSN	HU	--	BUD	BUD	HHN	???	_	
MPLH	0.65	253.2	Lg	08:24:35.003	-1.4					T__				___		134839	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU01A	0.80	90.7	Lg	08:24:42.444	-0.1					T__				___		134841	FDSN	Z6	00	BUD	BUD	HHN	???	_	
A266A	0.85	188.7	Lg	08:24:42.872	0.3					T__				___		134840	FDSN	Z6	00	BUD	BUD	HHN	???	_	
ET1H	1.09	61.1	Lg	08:24:52.223	-0.0					T__				___		134842	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.12	59.7	I	08:30:41.732	-2.3	244.2	3.4	328.99	-20.9	TA_				___		236	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.12	59.7	Pg	08:24:37.360	0.4					T__		47.1		___	ML	1.8	134845	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	1.12	59.7	Lg	08:24:55.407	1.6					T__				___		134846	FDSN	GE	--	BUD	BUD	HHN	???	_	

MORH	1.15	173.3	Pg	08:24:37.730	0.1	T__	32.0	___	ML	1.6	134844	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MORH	1.15	173.3	Sn	08:24:52.784	-0.1	T__		---			134843	FDSN	HU	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022ybsh Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/09	11:14:26.54	0.17	0.93	47.3472	17.6034	2.2	1.8	146	0.0	0.0	40	0	43	0.18	1.65	sx	BUD	135331	BUD			
2022/12/09	11:14:24.94	1.02	1.10	47.3520	17.6323	6.3	4.0	154	0.0f		42	28	43	0.19	1.63	sx	ILOC	216	ILOC			59

(#PRIME)  
(locality : Ugod Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.2	0.1	11 BUD	135331
M	2.2		11 BUD	135331
ML	2.2	0.2	13 ILOC	216

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACH	L	
MPLH	0.19	199.2	Pg	11:14:28.304	-1.1					T__		1710.6		___	ML	2.1	135332	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.19	199.2	Lg	11:14:32.067	-1.0					T__				---		135371	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.21	68.1	Pg	11:14:29.148	-0.6					T__		2007.8		___	ML	2.2	135333	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
HU08A	0.21	68.1	Lg	11:14:32.997	-0.9					T__				---		135334	FDSN	Z6	00	BUD	BUD	HHN	???	_	
CSKK	0.43	88.3	Lg	11:14:39.869	-1.6					T__				---		135336	FDSN	HU	--	BUD	BUD	HHN	???	_	
TIH	0.49	158.4	Lg	11:14:42.266	-0.3					T__				---		135335	FDSN	HU	--	BUD	BUD	HHN	???	_	
A261A	0.52	219.7	Lg	11:14:42.445	-0.9					T__				---		135370	FDSN	Z6	00	BUD	BUD	HHN	???	_	
HU09A	0.58	60.3	Lg	11:14:45.727	-1.1					T__				---		135337	FDSN	Z6	00	BUD	BUD	HHN	???	_	
A260A	0.63	264.1	Lg	11:14:48.195	1.5					T__				---		135361	FDSN	Z6	00	BUD	BUD	HHN	???	_	
SRO	0.65	44.7	Lg	11:14:49.260	0.1					T__				---		135338	FDSN	SK	--	BUD	BUD	EHN	???	_	
A267A	0.71	124.7	Pn	11:14:40.754	-0.3					T__		313.8		___	ML	2.4	135341	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
A267A	0.71	124.7	Lg	11:14:50.162	-0.5					T__				---		135340	FDSN	Z6	00	BUD	BUD	HHN	???	_	
A263A	0.74	197.1	Lg	11:14:50.928	0.5					T__				---		135362	FDSN	Z6	00	BUD	BUD	HHN	???	_	
SOP	0.80	294.9	Lg	11:14:51.780	-0.1					T__				---		135363	FDSN	HU	--	BUD	BUD	HHN	???	_	
A271A	0.84	103.1	Lg	11:14:55.069	-0.6					T__				---		135365	FDSN	Z6	00	BUD	BUD	HHN	???	_	
A262A	0.90	237.5	Pg	11:14:43.019	0.2					T__		213.6		___	ML	2.3	135364	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
ZST	0.92	337.3	Lg	11:14:56.805	-0.8					T__				---		135366	FDSN	SK	--	BUD	BUD	HHN	???	_	
A265A	0.93	173.1	Pn	11:14:44.800	0.6					T__		321.8		___	ML	2.5	135343	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
A265A	0.93	173.1	Lg	11:14:57.629	1.0					T__				---		135344	FDSN	Z6	00	BUD	BUD	HHN	???	_	
BUD	0.95	81.6	Pn	11:14:43.370	-1.2					T__		115.5		___	ML	2.1	135346	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
BUD	0.95	81.6	Lg	11:14:58.851	-0.9					T__				---		135345	FDSN	HU	--	BUD	BUD	HHN	???	_	
RONA	0.97	291.5	Pn	11:14:44.756	-0.4					T__				---		135339	FDSN	OE	--	BUD	BUD	HHZ	???	_	
RONA	0.97	291.5	Lg	11:14:58.269	1.2					T__				---		135367	FDSN	OE	--	BUD	BUD	HHN	???	_	
MODS	1.05	347.0	Pn	11:14:46.332	0.1					T__				---		135359	FDSN	SK	--	BUD	BUD	HHZ	???	_	
MODS	1.05	347.0	Lg	11:15:00.274	-2.1					T__				---		135358	FDSN	SK	--	BUD	BUD	HHN	???	_	
BEHE	1.06	214.0	Pn	11:14:45.359	-0.8					T__		209.4		___	ML	2.4	135342	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
BEHE	1.06	214.0	Lg	11:15:00.071	-0.1					T__				---		135357	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU10A	1.06	61.7	Pn	11:14:45.628	-0.4					T__		292.5		___	ML	2.6	135347	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
HU10A	1.06	61.7	Sn	11:15:02.050	-0.6					T__				---		135348	FDSN	Z6	00	BUD	BUD	HHN	???	_	
KOVH	1.30	165.6	Pn	11:14:49.360	0.1					T__		75.7		___	ML	2.1	135350	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
KOVH	1.30	165.6	Sn	11:15:07.578	-0.4					T__				---		135349	FDSN	HU	--	BUD	BUD	HHN	???	_	
KOGS	1.31	226.8	Pn	11:14:50.107	0.5					T__		103.8		___	ML	2.2	135369	FDSN	SL	--	BUD	BUD	BHZ	BHZ	_
KOGS	1.31	226.8	Sn	11:15:08.154	0.3					T__				---		135368	FDSN	SL	--	BUD	BUD	BHN	???	_	
MORH	1.33	148.2	Pn	11:14:50.554	1.0					T__		40.1		___	ML	1.8	135351	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
HU01A	1.35	89.6	Sn	11:15:11.569	2.0					T__				---		135360	FDSN	Z6	00	BUD	BUD	HHN	???	_	

JAVC	1.51	1.0	Sn	11:15:13.017	-1.5	T__										135352	FDSN	CZ	--	BUD	BUD	HHN	???	_
ET1H	1.60	70.0	Pn	11:14:55.405	1.8	T__					37.7		---	ML	2.0	135353	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	1.60	70.0	Sn	11:15:18.584	2.7	T__										135354	FDSN	HU	--	BUD	BUD	HHN	???	_
PSZI	1.63	68.9	I	11:24:25.814	0.1	247.7	-2.8	308.29	-83.5	TA_						238	FDSN	HN	--	BUD	BUD	BDF	???	_
PSZ	1.63	68.8	Pn	11:14:56.056	1.9	T__					55.1		---	ML	2.1	135356	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	1.63	68.8	Sn	11:15:18.466	1.4	T__										135355	FDSN	GE	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022yivp Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/13	08:51:14.56	0.24	0.84	47.3304	18.2927	2.8	2.7	141	0.0	0.0	19	0	70	0.04	1.40	kx	BUD	136616	BUD			
2022/12/13	08:51:12.52			47.3167	18.3081				0.0							kx	BUD_GT	1	BUD			
2022/12/13	08:51:12.12	1.54	0.99	47.3064	18.3383	10.4	5.0	64	0.0f		20	15	73	0.08	1.44	kx	ILOC	217	ILOC			98

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.1	5 BUD	136616
M	1.8		5 BUD	136616
ML	1.9	0.0	5 ILOC	217

Sta	Dist	EVaz	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	317.0	Pg	08:51:14.508	0.2					T__		2440.9		---	ML	1.9	136617	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.08	317.0	Lg	08:51:15.342	-1.3					T__						136618	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.31	294.1	Lg	08:51:23.740	-0.6					T__						136635	FDSN	Z6	00	BUD	BUD	HHN	???	_	
HU09A	0.33	5.1	Pg	08:51:20.154	0.9					T__		235.3		---	ML	1.6	136631	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
HU09A	0.33	5.1	Lg	08:51:24.163	-1.2					T__						136630	FDSN	Z6	00	BUD	BUD	HHN	???	_	
A267A	0.37	164.7	Lg	08:51:26.825	0.4					T__						136632	FDSN	Z6	00	BUD	BUD	HHN	???	_	
BUD	0.50	68.9	Lg	08:51:30.834	-0.3					T__						136634	FDSN	HU	--	BUD	BUD	HHN	???	_	
MPLH	0.56	256.2	Lg	08:51:32.779	0.4					T__						136619	FDSN	HU	--	BUD	BUD	HHN	???	_	
A272A	0.71	142.4	Lg	08:51:38.766	0.7					T__						136621	FDSN	Z6	00	BUD	BUD	HHN	???	_	
HU10A	0.71	40.3	Lg	08:51:38.082	-0.3					T__						136620	FDSN	Z6	00	BUD	BUD	HHN	???	_	
HU03A	1.04	54.5	Pg	08:51:35.260	1.4					T__		91.8		---	ML	2.0	136623	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
HU03A	1.04	54.5	Sn	08:51:47.918	-1.3					T__						136622	FDSN	Z6	00	BUD	BUD	HHN	???	_	
MORH	1.11	169.0	Lg	08:51:49.490	-0.9					T__						136633	FDSN	HU	--	BUD	BUD	HHN	???	_	
ET1H	1.19	60.5	Pg	08:51:36.029	-0.9					T__		49.7		---	ML	1.9	136625	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	1.19	60.5	Sn	08:51:54.162	1.3					T__						136624	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.22	59.3	I	08:59:18.136	57.8	234.4	-6.0	288.18	-68.7	_A_						239	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.22	59.2	Pg	08:51:36.970	-0.7					T__		55.1		---	ML	1.9	136626	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	1.22	59.2	Sn	08:51:54.590	0.5					T__						136627	FDSN	GE	--	BUD	BUD	HHN	???	_	
KOVH	1.23	187.8	Sn	08:51:55.103	1.5					T__						136628	FDSN	HU	--	BUD	BUD	HHN	???	_	
RONA	1.44	286.6	Sn	08:51:57.754	-1.1					T__						136629	FDSN	OE	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022yiys Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/13	10:26:19.36	0.25	0.83	47.8715	19.8424	3.6	2.5	158	0.0	0.0	18	0	91	0.02	1.75	sx	BUD	136801	BUD			
2022/12/13	10:26:17.07	1.40	1.10	47.8304	19.8432	5.2	0.5	21	0.0f		20	13	74	0.05	1.78	sx	ILOC	218	ILOC			92

(#PRIME)  
(locality : Gyöngyöstarján Hungary)



Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	6 BUD	136801
M	1.7		6 BUD	136801
ML	1.8	0.0	6 ILOC	218

Sta	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	21.2	Pg	10:26:18.538	-0.2					T__		2340.1		___	ML	1.8	136802	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.05	21.2	Lg	10:26:19.672	-0.7					T__						136803	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	0.09	21.1	I	10:26:49.356	2.1	195.7	-5.5	336.40	-3.2	TA_						240	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	0.09	21.4	Pg	10:26:19.543	-0.2					T__		1894.9		___	ML	1.8	136804	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.09	21.4	Lg	10:26:20.842	-1.4					T__						136813	FDSN	GE	--	BUD	BUD	HHN	???	_	
HU03A	0.18	294.2	Pg	10:26:21.767	0.5					T__		404.3		___	ML	1.4	136806	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
HU03A	0.18	294.2	Lg	10:26:25.659	1.2					T__						136805	FDSN	Z6	00	BUD	BUD	HHN	???	_	
HU23A	0.33	124.8	Lg	10:26:31.282	1.1					T__						136807	FDSN	Z6	00	BUD	BUD	HHN	???	_	
HU01A	0.51	197.3	Lg	10:26:36.590	0.3					T__						136814	FDSN	Z6	00	BUD	BUD	HHN	???	_	
HU02A	0.54	57.2	Pg	10:26:28.075	-0.5					T__		56.5		___	ML	1.6	136808	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.54	57.2	Lg	10:26:37.013	-0.4					T__						136809	FDSN	Z6	00	BUD	BUD	HHN	???	_	
HU10A	0.56	271.8	Lg	10:26:36.264	-1.6					T__						136815	FDSN	Z6	00	BUD	BUD	HHN	???	_	
JOS	0.81	34.7	Pn	10:26:34.191	-0.4					T__		70.9		___	ML	1.8	136810	FDSN	Z6	--	BUD	BUD	HHZ	HHZ	_
JOS	0.81	34.7	Lg	10:26:45.203	-0.4					T__						136816	FDSN	Z6	--	BUD	BUD	HHN	???	_	
HU12A	0.93	133.8	Sn	10:26:50.231	-0.8					T__						136817	FDSN	Z6	00	BUD	BUD	HHN	???	_	
ABAH	1.05	63.0	Pn	10:26:38.724	1.0					T__		72.9		___	ML	1.9	136812	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ABAH	1.05	63.0	Sn	10:26:53.093	-1.1					T__						136811	FDSN	HU	--	BUD	BUD	HHN	???	_	
A267A	1.28	226.8	Sn	10:27:01.826	2.1					T__						136818	FDSN	Z6	00	BUD	BUD	HHN	???	_	
JAVC	1.78	306.2	Sn	10:27:13.933	0.4					T__						136819	FDSN	CZ	--	BUD	BUD	HHN	???	_	

STOP  
Event bud2022ympd Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/15	10:08:20.65	0.38	0.77	47.3150	17.6343	5.4	3.3	144	0.0	0.0	9	0	123	0.16	1.64	sx	BUD	137896	BUD			
2022/12/15	10:08:19.15	2.04	1.48	47.2995	17.6566	8.1	4.6	153	0.0f		11	8	119	0.15	1.64	sx	ILOC	219	ILOC			202

(#PRIME)  
(locality : Ugod Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.0	2 BUD	137896
M	1.4		2 BUD	137896

Sta	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	211.7	Pg	10:08:22.687	-0.2					T__		437.3		___	ML	1.4	137897	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
MPLH	0.15	211.7	Lg	10:08:25.210	-0.8					T__						137902	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU08A	0.22	53.9	Pg	10:08:24.076	-0.1					T__		265.4		___	ML	1.3	137898	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
HU08A	0.22	53.9	Lg	10:08:27.797	-0.7					T__						137901	FDSN	Z6	00	BUD	BUD	HHN	???	_	
CSKK	0.42	81.0	Lg	10:08:33.339	-1.9					T__						137899	FDSN	HU	--	BUD	BUD	HHN	???	_	
HU09A	0.60	55.2	Lg	10:08:40.706	-0.9					T__						137900	FDSN	Z6	00	BUD	BUD	HHN	???	_	
RONA	1.01	294.0	Lg	10:08:52.929	0.5					T__						137903	FDSN	OE	--	BUD	BUD	HHN	???	_	
KOVH	1.25	165.7	Sn	10:09:02.293	1.4					T__						137904	FDSN	HU	--	BUD	BUD	HHN	???	_	
PSZI	1.64	66.9	I	10:18:22.019	0.3	246.7	-1.9	313.23	-78.9	TA_						241	FDSN	HN	--	BUD	BUD	BDF	???	_	
PSZ	1.64	66.9	Sn	10:09:14.452	3.1					T__						137905	FDSN	GE	--	BUD	BUD	HHN	???	_	

STOP

Event bud2022yvue Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/20	10:54:15.88	1.06	0.59	47.8893	20.1345	25.2	3.2	163	0.0	0.0	8	0	205	0.16	0.85	sx	BUD	139747	BUD			
2022/12/20	10:54:13.55	2.02	1.03	47.8844	20.1716	5.4	1.0	100	0.0f		10	6	208	0.19	0.83	sx	ILOC	220	ILOC			223

(#PRIME)  
(locality : Kisdána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.1	3 BUD	139747
M	1.3		3 BUD	139747
ML	1.3	0.1	3 ILOC	220

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
PSZ	0.19	280.4	Pg	10:54:18.971	0.8					T__		289.4		___ ML	1.3	139748	FDSN	GE	--	BUD	BUD	HHZ	HHZ	_
PSZ	0.19	280.4	Lg	10:54:20.497	-1.4					T__				___		139752	FDSN	GE	--	BUD	BUD	HHN	???	_
PSZI	0.19	280.3	I	10:55:15.225	0.5	98.4	-1.7	348.42	11.2	TA_				___		242	FDSN	HN	--	BUD	BUD	BDF	???	_
ET1H	0.20	268.6	Pg	10:54:18.989	0.7					T__		424.7		_c_ ML	1.5	139754	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
ET1H	0.20	268.6	Lg	10:54:20.839	-1.1					T__				___		139753	FDSN	HU	--	BUD	BUD	HHN	???	_
HU02A	0.34	44.8	Pg	10:54:22.038	1.1					T__		98.6		___ ML	1.2	139749	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
HU02A	0.34	44.8	Lg	10:54:26.314	-0.4					T__				___		139755	FDSN	Z6	00	BUD	BUD	HHN	???	_
HU03A	0.39	273.1	Lg	10:54:28.012	-0.0					T__				___		139750	FDSN	Z6	00	BUD	BUD	HHN	???	_
ABAH	0.83	59.7	Sn	10:54:44.183	-1.2					T__				___		139751	FDSN	HU	--	BUD	BUD	HHN	???	_

STOP  
Event bud2022yzhc Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2022/12/22	08:51:18.58	1.90	0.51	47.5053	18.5876	21.6	5.8	96	0.0	0.0	5	0	268	0.19	0.36	kx	BUD	140182	BUD			
2022/12/22	08:51:18.78			47.5600	18.4573				0.0							kx	BUD_GT	1	BUD			
2022/12/22	08:51:18.58	2.66	1.21	47.5500	18.1859	6.1	5.5	143	0.0f		7	4	213	0.16	1.21	kx	ILOC	221	ILOC			306

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.4	2 BUD	140182
M	1.7		2 BUD	140182

Sta	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	0.16	56.2	Pg	08:51:21.673	-0.6					T__		1271.7		___ ML	1.8	140183	FDSN	Z6	00	BUD	BUD	HHZ	HHZ	_
HU09A	0.16	56.2	Lg	08:51:23.883	-1.8					T__				___		140186	FDSN	Z6	00	BUD	BUD	HHN	???	_
CSKK	0.19	164.8	Pg	08:51:24.047	1.0					T__		235.8		___ ML	1.2	140184	FDSN	HU	--	BUD	BUD	HHZ	HHZ	_
CSKK	0.19	164.8	Lg	08:51:26.623	-0.4					T__				___		140185	FDSN	HU	--	BUD	BUD	HHN	???	_
SRO	0.28	18.1	Lg	08:51:30.512	0.8					T__				___		140187	FDSN	SK	--	BUD	BUD	EHN	???	_
PSZI	1.21	71.7	I	08:58:24.563	0.7	249.2	-3.7	315.04	-41.3	TA_				___		243	FDSN	HN	--	BUD	BUD	BDF	???	_

STOP

