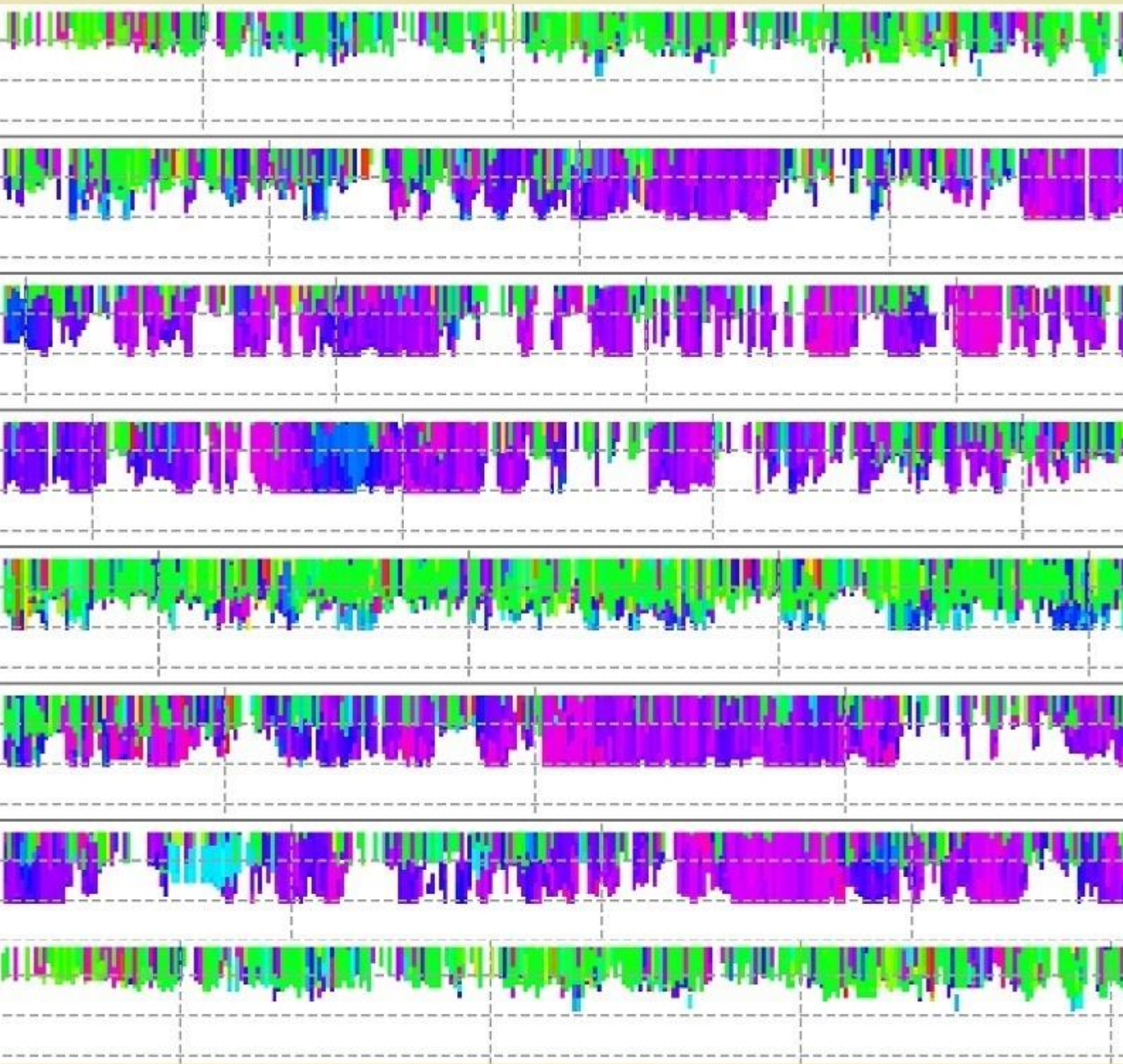


**Hungarian
Seismo-Acoustic
Bulletin**

2020



Hungarian Seismo-Acoustic Bulletin

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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 (CSFK), 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 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 CSFK 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.

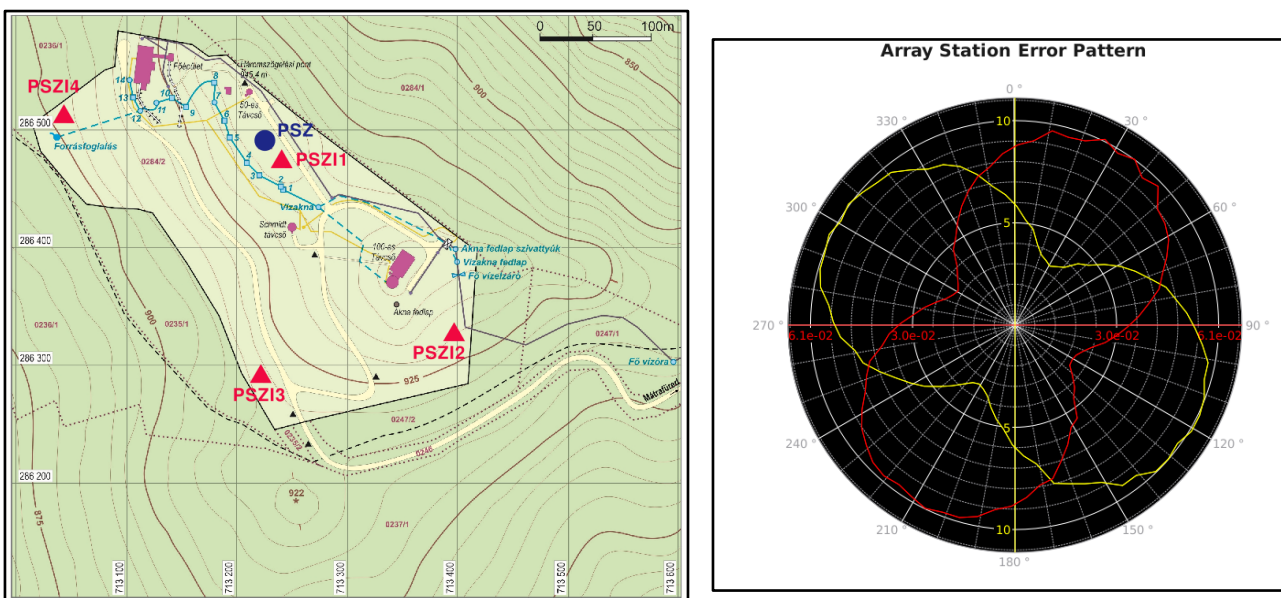


Figure 1. Left: red triangles mark the elements of the PSZI array. The PSZ broadband seismological station is marked with a blue circle. Right: error distribution of the azimuth and velocity estimations.

ARISE

The MTA CSFK Kövesligethy Radó Seismological Observatory has joined the Atmospheric dynamics Research InfraStructure in Europe (ARISE, <http://arise-project.eu>) in 2016. ARISE2 is an infrastructure Design Study project funded by the H2020 European Commission. ARISE2 is a collaboration of more than 25 European universities and research institutes (Blanc et al., 2015). ARISE2 aims to provide a

new atmosphere model with a high spatio-temporal resolution by integrating different techniques such as infrasound, lidar, radar and airglow stations, shown in **Figure 2**. The ARISE2 infrasound network component incorporates the Comprehensive Nuclear-Test-Ban-Treaty Organization (CTBTO) International Monitoring System (IMS) network globally distributed infrasound arrays as well several European infrasound arrays. Although the ARISE2 project ended in 2020, and the ARISE IA proposal was not selected for funding, we continue to collaborate with the ARISE partners.

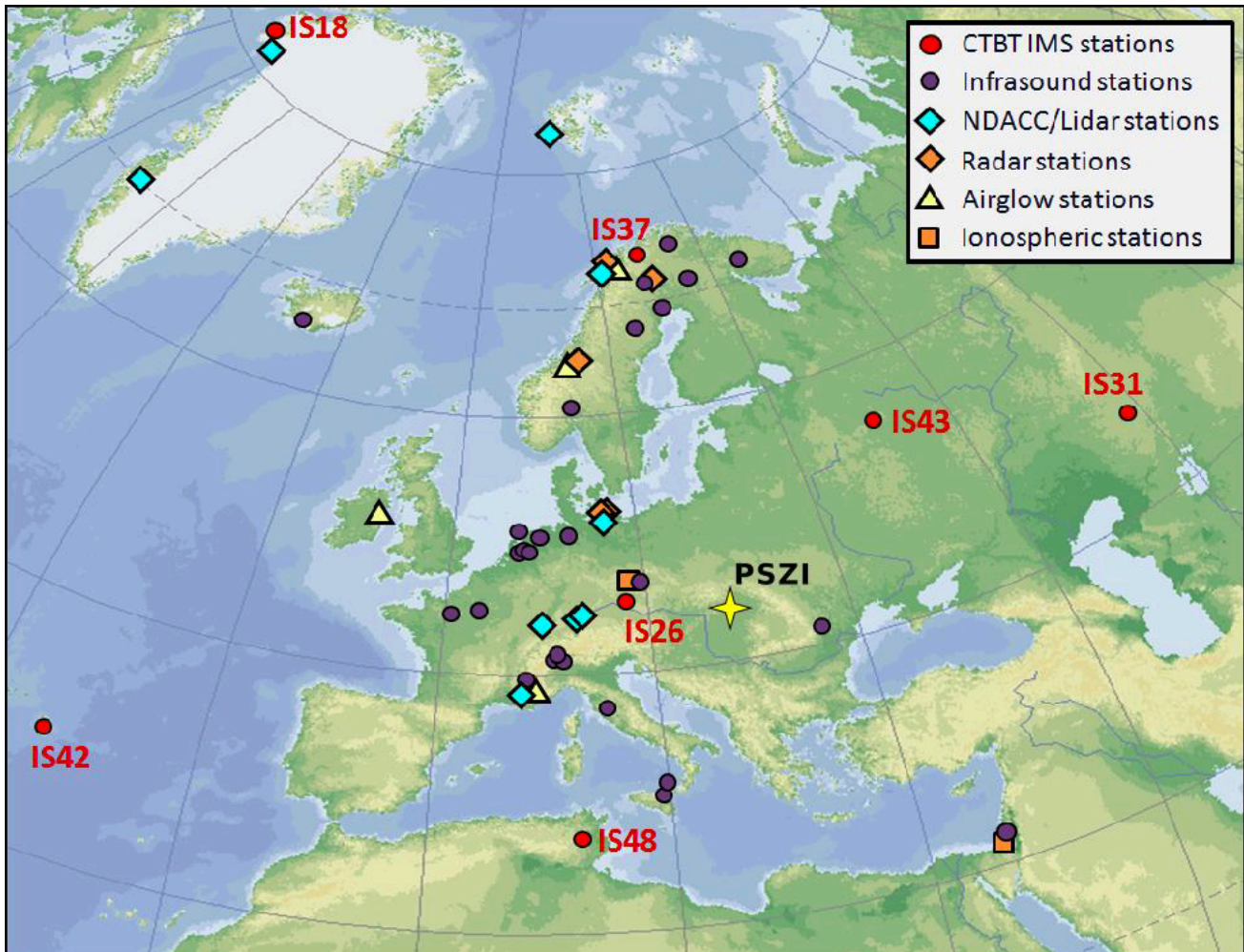


Figure 2. ARISE network (modified after <http://arise-project.eu>). The yellow star shows the location of PSZI array, red and indigo circles represent the IMS and European infrasound stations, respectively. PSZI closes a large gap in infrasound station coverage.

PSZI closes a large gap in infrasound station coverage in Central Europe. To demonstrate the value added by the PSZI array to the European infrasound network we applied the method developed by Le Pichon et al. (2012) to model the detection capability of the network. The method relies on a frequency dependent attenuation model to predict the smallest detectable amplitude, and using realistic atmospheric data based on ECMWF atmospheric models. For the simulation we used the average noise level measured at all the IMS stations. The simulation included all the relevant IMS infrasound stations and other national infrasound stations that are members of the ARISE project.

Figure 3 shows the difference of minimum detectable amplitudes by the European infrasound network without PSZI and with PSZI, i.e., the improvement of detection capability owing to the PSZI array in in each season. The improvement is significant in the Central European region, particularly in the spring and winter periods.

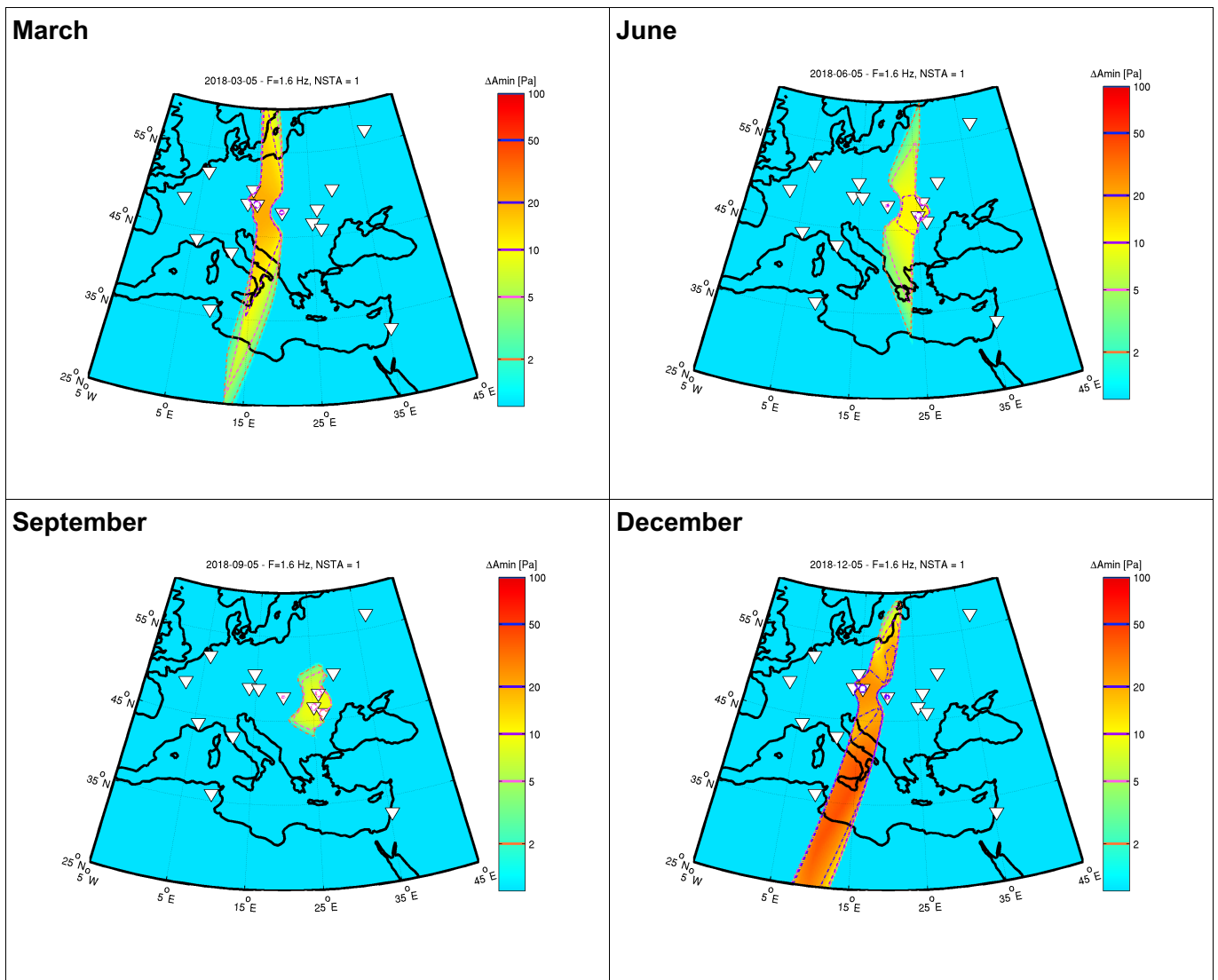


Figure 3. The improvement of detection capability of the European infrasound network in different seasons. The color scale shows the difference of the minimum detectable amplitudes of a signal by the network without PSZI and including PSZI.

CEEIN

The CSFK Kövesligethy Radó Seismological Observatory, Budapest, Hungary, the Institute of Atmospheric Physics, Czech Academy of Sciences, Prague, Czech Republic, the National Institute for Earth Physics, Bucharest, Romania and the Zentralanstalt für Meteorologie und Geodynamik, Vienna Austria have established the Central and Eastern European Infrasound Network (CEEIN) in 2018. The Main Centre of Special Monitoring National Center for Control and Testing of Space Facilities State Agency of Ukraine joined in 2019. Members of the CEEIN exchange data real time and collaborate in scientific research. **Table 1** shows the stations of the CEEIN.

Table 1. CEEIN stations

Country	Net	Station code	Lat	Lon	Aperture (km)	No. of elements	Date of installation	Comment
Hungary	HN	PSZI	47.92	19.89	0.25	4	2017.05.25.	co-located with seismometer

Romania	R1	IPLOR	45.85	26.65	2.4	6	2009-2012	co-located with seismic array
Romania	R1	BURARI	47.62	25.22	1.2	4	2016.07.27.	co-located with seismic array
Czech Republic	C9	PVCI	50.53	14.57	0.2	3	2014.04.13.	co-located with seismometer
Czech Republic	C9	WBCI	50.25	12.44	6	4	2016.09.28.	co-located with seismometer
Czech Republic		Ionospheric Doppler Sounder	50.03	14.46		5	2012.01	Complementary measurements to WBCI.
Austria		ZAMG	47.92	16.29	0.7	4	2019.04.26	mobile array

Data and Resources

The Hungarian Seismo-Acoustic Bulletin was compiled by the ELKH CSFK Kövesligethy Radó Seismological Observatory combined 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.

Members of 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 CSFK 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).
- Main Centre of Special Monitoring National Center for Control and Testing of Space Facilities State Agency of Ukraine

Members of the Central and East European Earthquake Research Network (CE3RN, 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 CSFK 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)
- 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
- Pannonian-Carpathian-Alpine Seismic Experiment (PACASE), https://doi.org/10.7914/SN/ZI_2019

For data acquisition *SeisComp3* (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 depository, <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>.

The array element PSZI1 was out of order between 2019.11.28 and 2020.04.27. It was sent back to SeismoWave for repair and a firmware update. Similarly, the array elements PSZI2, PSZI3 and PSZI4 were at SeismoWave for repair and firmware update between 2020.06.04 and 2020.07.28.

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 4** shows that during winter time – from mid-September to April – microbaroms are continuously detectable from the North Atlantic Ocean. In the summer period signals are detected from South-East direction in the frequency range of 1-2 Hz, presumably originating from the Black sea. The array detects continuous high frequency noise from the Mátra Power Plant located 20 km to the south-east (138°) from PSZI. Note that since December 2019 PSZI3 instrument has been out of order, and PMCC detections are made based on only 3 elements. Furthermore, because of the nearly two-month outage due to repairs in June and July, the noise detections from the Mátra Power Plant and microbarom detections originating at the Black Sea are less prominent. **Figure 5** shows the azimuthal distribution of the detections in **Figure 4**.

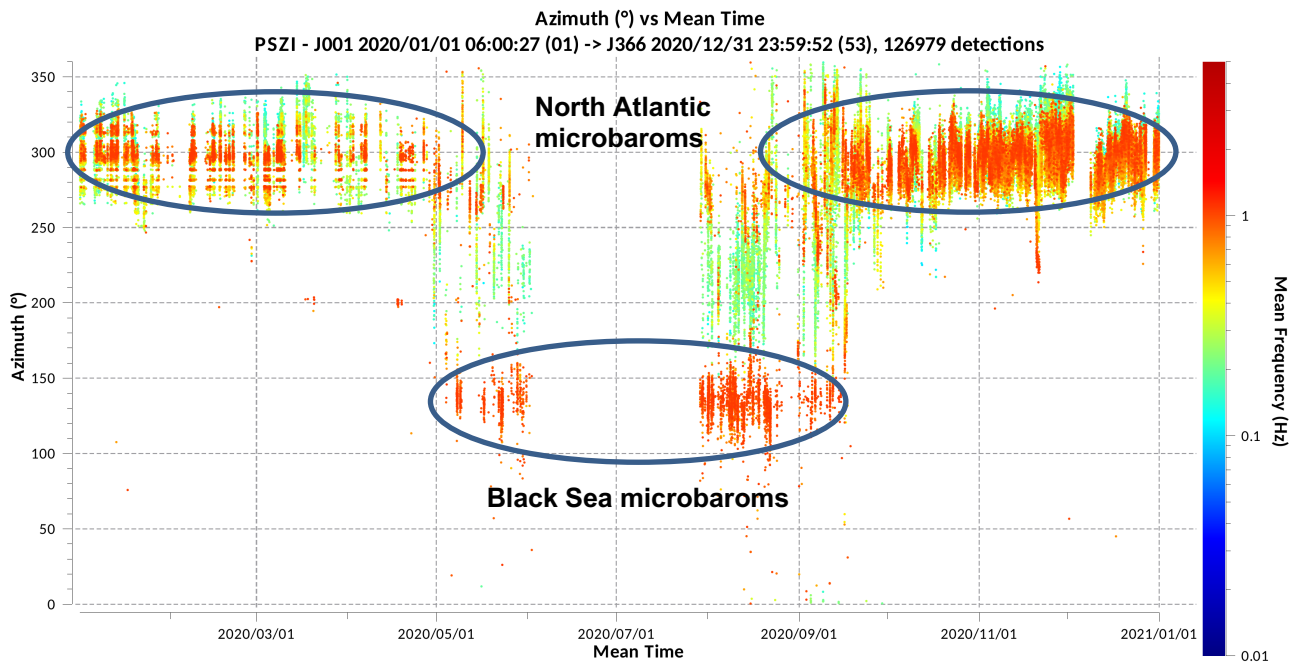


Figure 4. Infrasound detections of PSZI between 2020/01/01 and 2021/01/01. The detections were made by the PMCC method and are shown as a function of time and back-azimuth, color-coded by frequency. The figure was made by DTK-DIVA, part of the NDC-in-a-box software package. North Atlantic microbaroms dominate the winter months; during the summer microbaroms from the Black Sea and infrasound noise detections from the Mátra Power Plant are less prominent this year.

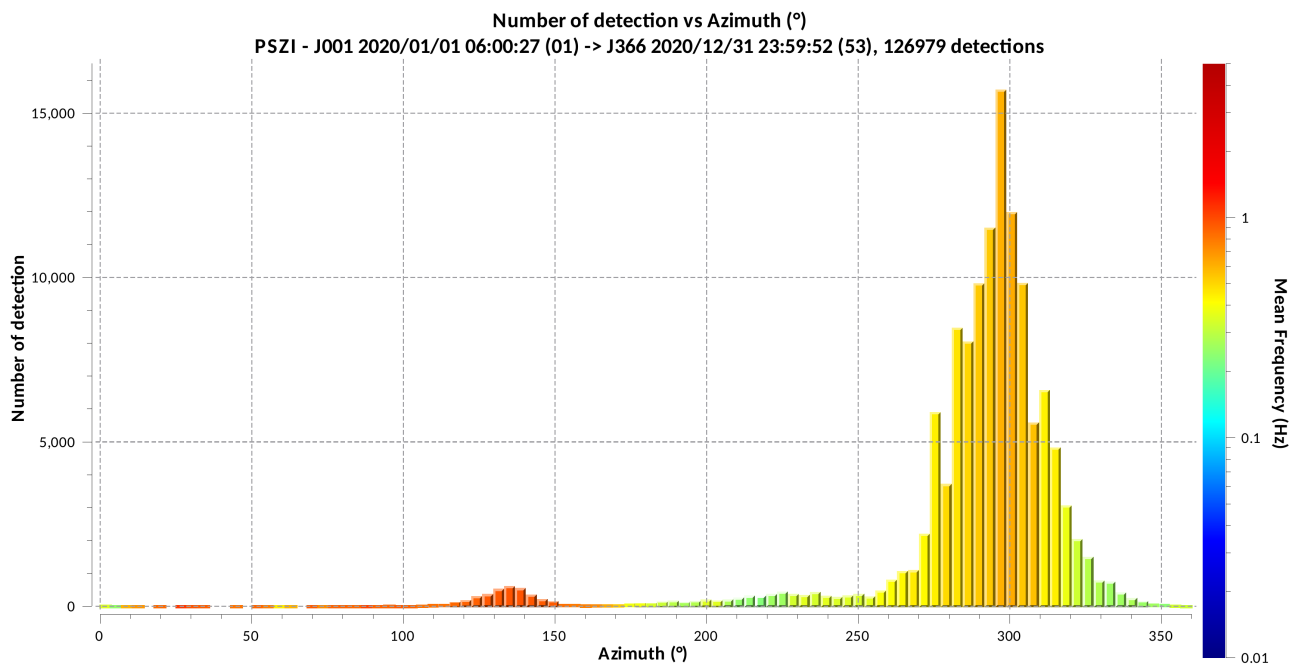


Figure 5. Distribution of PMCC detections as a function of source azimuth at PSZI between 2020/01/01 and 2021/01/01. The figure was made by DTK-DIVA, part of the NDC-in-a-box software package.

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 6** shows the annual number and relative percentages of earthquakes and explosions in the Hungarian earthquake catalogue between 1996 and 2020. Ever increasing number of events are identified as anthropogenic origin since the deployment of the PSZI array in 2017-06-01.

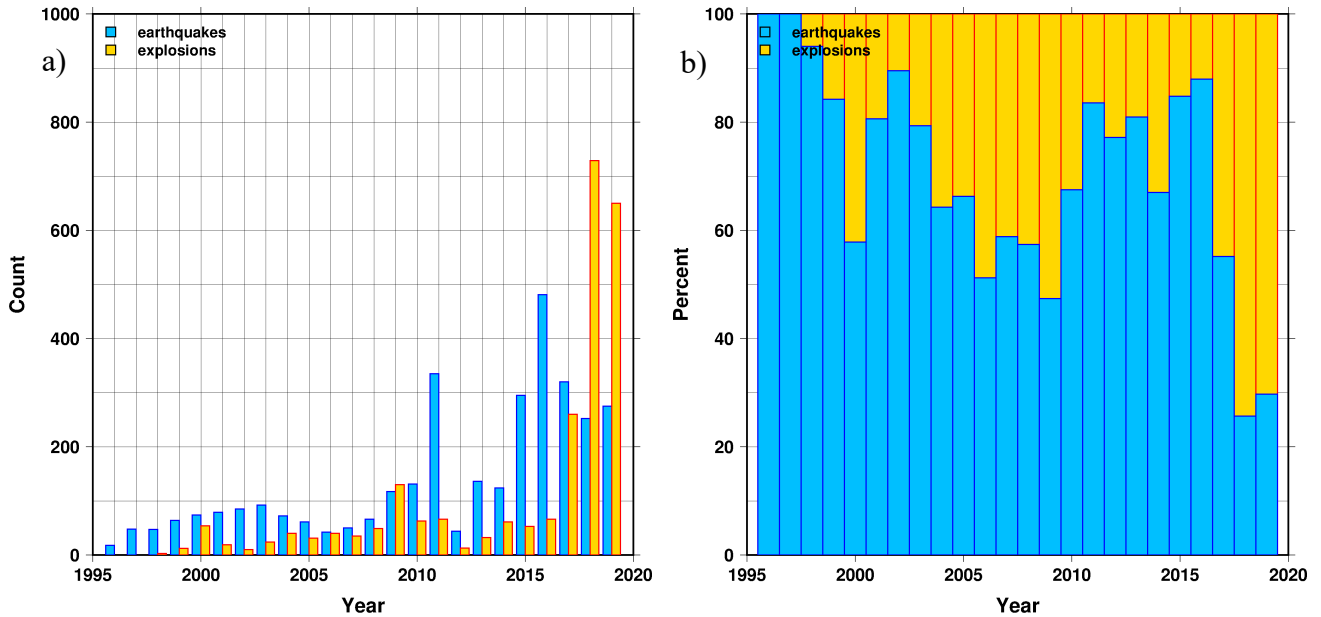


Figure 6. a) Number of earthquakes (blue) and quarry blasts (yellow) and b) relative percentage of earthquakes and quarry blasts in the Hungarian earthquake catalogue between 1996 and 2019.

PSZI recorded 153 quarry blasts from 56 quarries in Hungary, Austria, Croatia, Slovakia and Romania in 2020. The magnitude range of the explosions is between ML 1.0-2.6. Many, but not all, quarries in Hungary regularly send confirmation of their explosions to the CSFK 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 KRSZO stands for the seismo-acoustic location of the events. Of the 153 recorded quarry blasts 53 are confirmed ground truth events, and 100 events in the bulletin are suspected quarry blasts.

Figure 7 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.

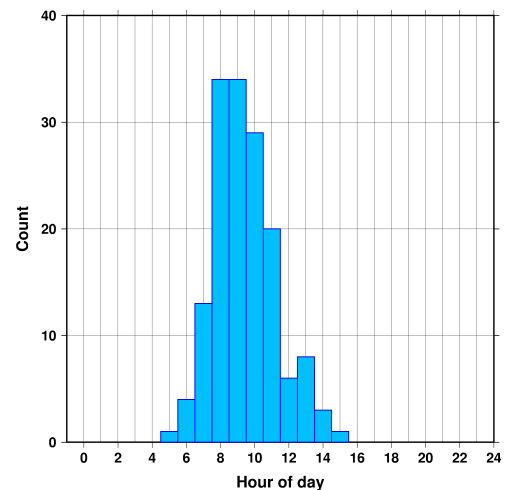


Figure 7. Hour of day (UTC) of seismo-acoustic events recorded at PSZI in 2020.

Figure 8 shows the infrasound and seismic stations contributing to the Hungarian Seismo-Acoustic Bulletin in 2020 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.

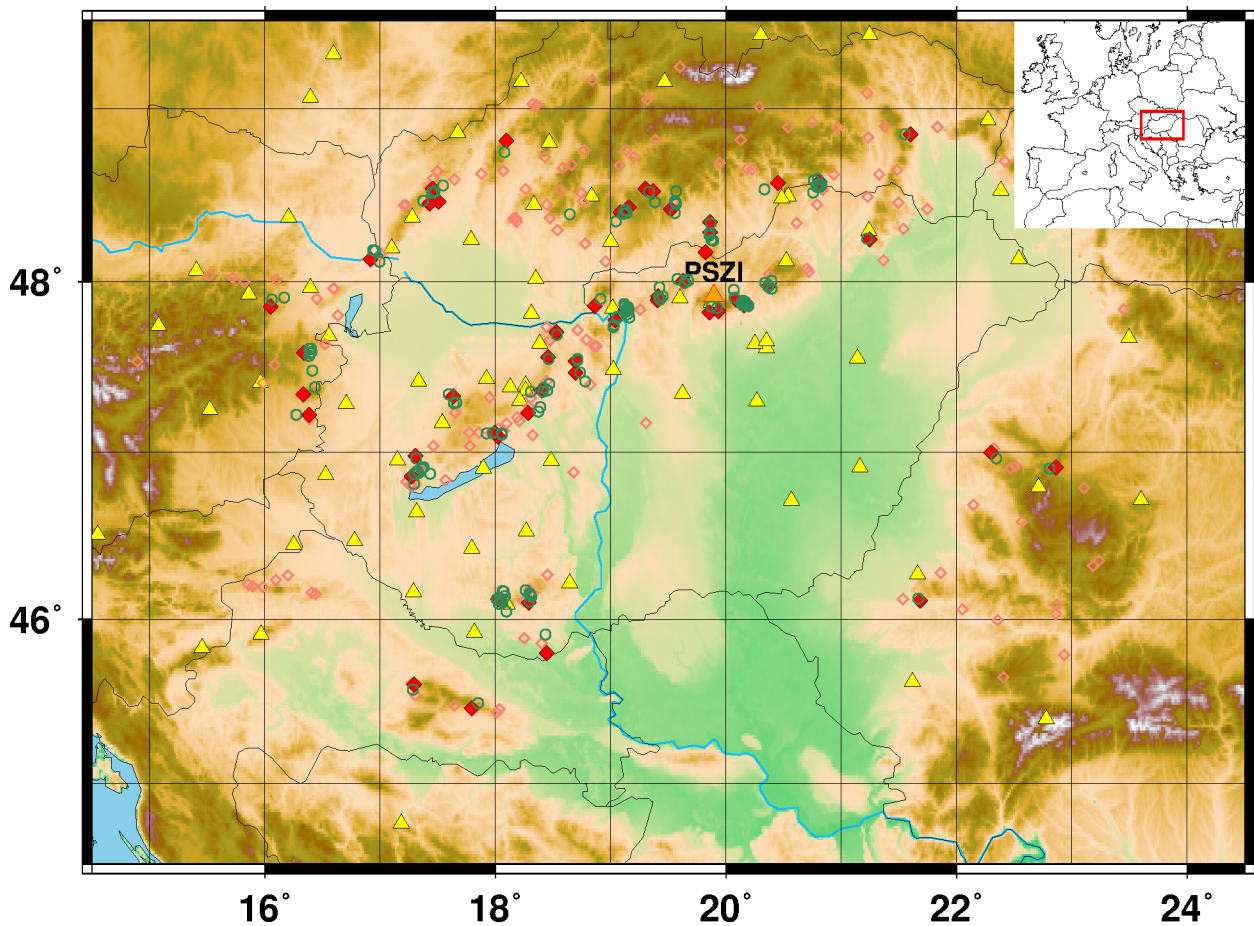


Figure 8. Infrasound (orange triangles) and seismic stations (yellow triangles) contributing to the Hungarian Seismo-Acoustic Bulletin in 2020. Known quarry and mine locations are shown as red diamonds, and the solid red diamonds indicate the quarries producing infrasound signals. Green circles denote the seismo-acoustic locations of quarry blasts. Only those events are shown that were detected at PSZI.

Infrasound-only Events

Beirut, Lebanon explosion

On the evening of August 4, 2020, at 18:08 local time, an extremely strong explosion occurred in the Lebanese capital, Beirut. At the time of detonation at least 2,750 tons of ammonium nitrate exploded with an explosive force equivalent to 1.1 kilotons of TNT. This matched the magnitude of an earthquake of 3.5-4.5, which could also be felt in Cyprus, 200 kilometers from Beirut. PSZI detected the shockwave evoked by the explosion. **Figure 9** shows the waveforms and PMCC detections of the explosion which are colored by green on the time vs. azimuth panel.

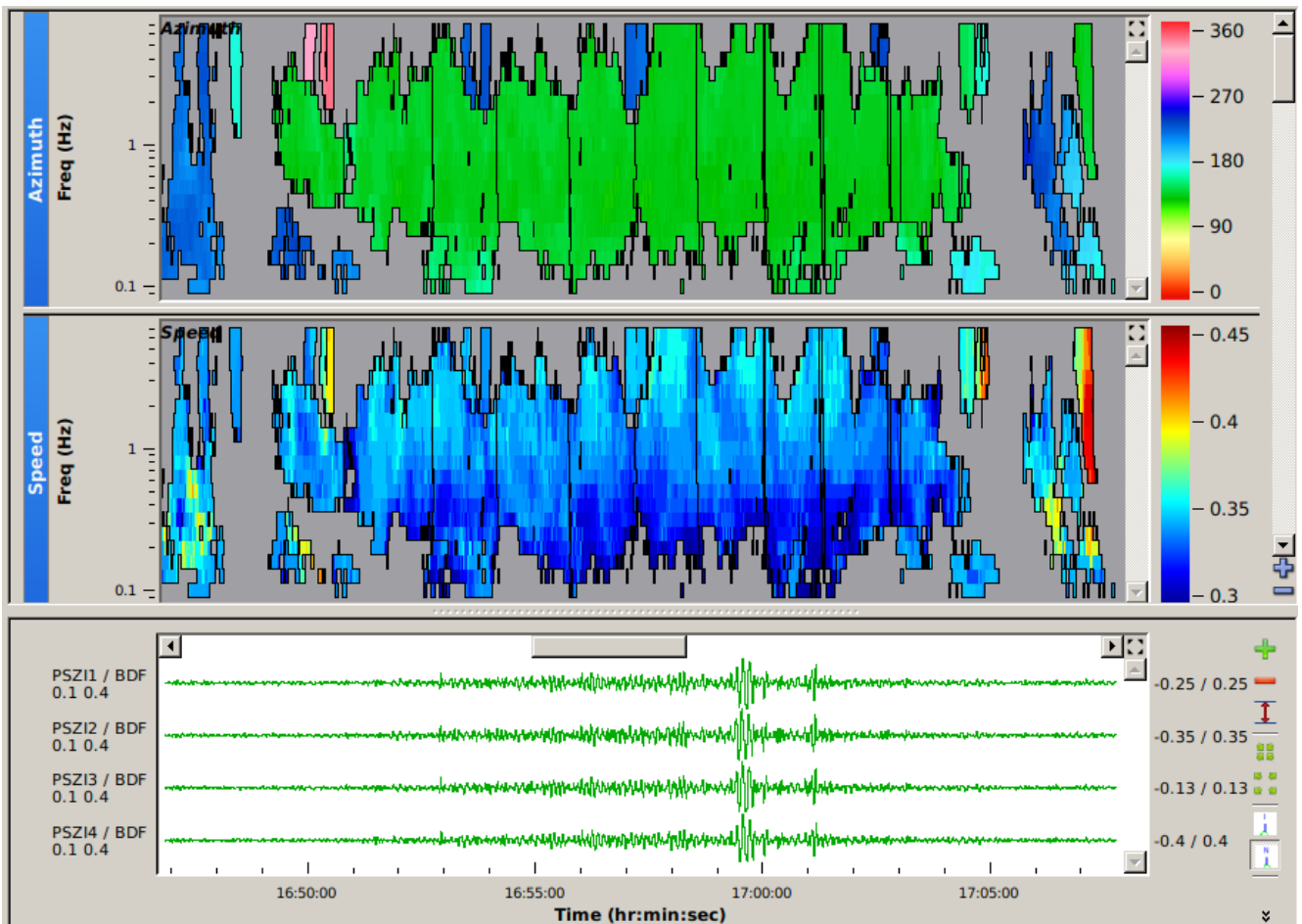


Figure 9. The waveforms and PMCC detections of the Beirut explosion on 2020-08-04.

Bolides

A large fireball was observed over Croatia and Slovenia in 2020 February 28 09:33 UTC (Kereszturi et al., 2020). **Figure 10** shows the Progressive Multi-Channel Correlation (PMCC; Cansi, 1995) results of the detection of the bolide. The lower panel shows the infrasound waveforms at the array elements filtered between 0.6 and 4.5 Hz. The middle and top panels show the time-frequency plot of the record, color-coded by the apparent speed and azimuth, respectively. The signal comes from the same direction, from 230-degree azimuth, but it may also exhibit multipathing, as the first reflection from the atmospheric boundaries travels with about 0.33 km/s, the second reflection sweeps through the array with a somewhat larger, 0.4 km/s apparent velocity.

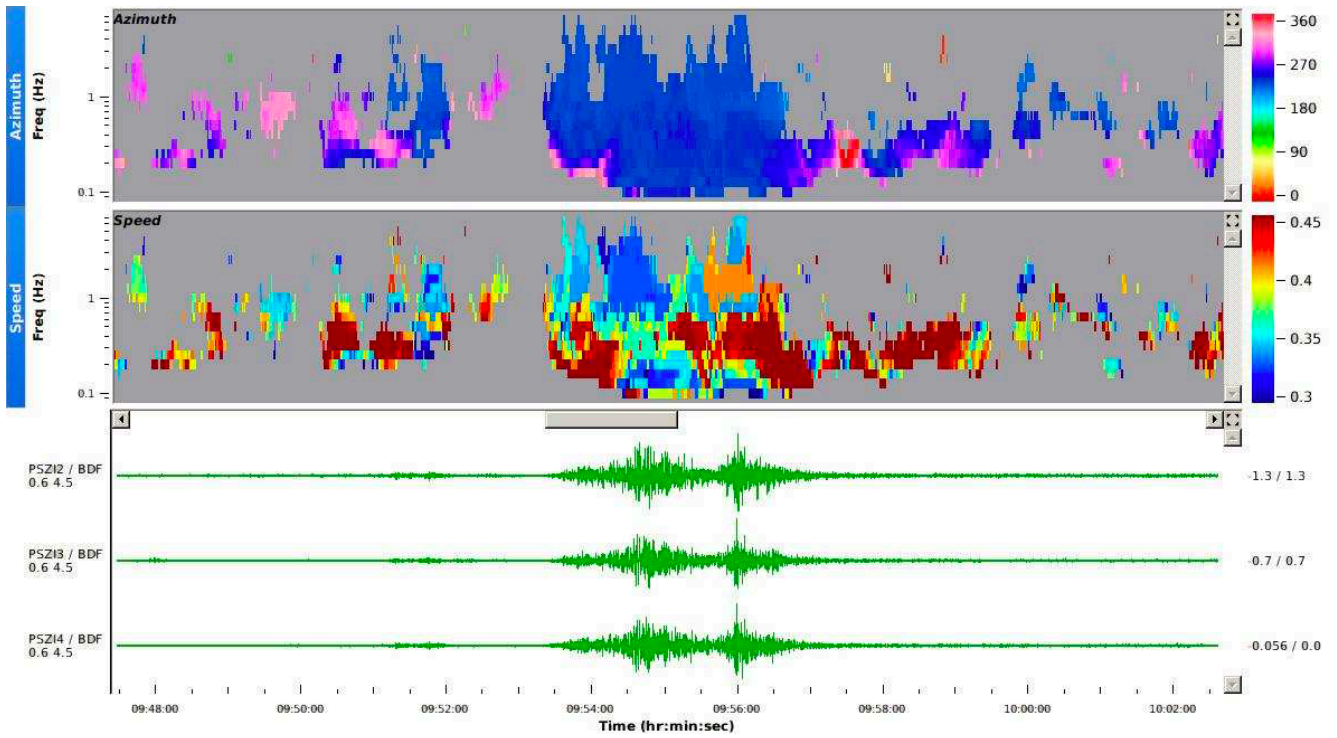


Figure 10. PSZI PMCC detections of the bolide seen over Croatia and Slovenia.

The bolide was observed not only by the PSZI infrasound array but also at seismic stations in the area as the shock wave of the explosion caused ground movement. **Figure 11** shows the waveforms recorded at the seismic stations. Comparing the observations of different stations, the disturbance sweeping across the network can be seen in the case of almost all stations.

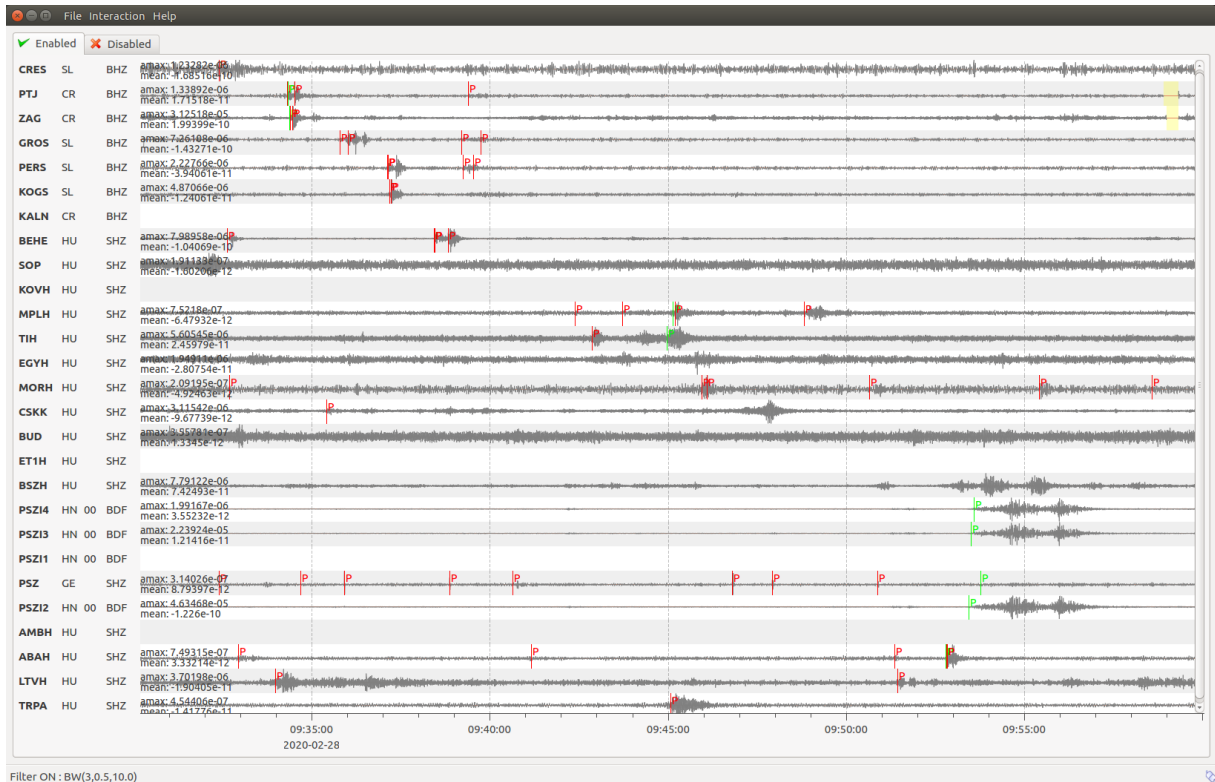


Figure 11. Waveforms recorded at seismic stations of the bolide seen over Croatia and Slovenia.

Figure 12 shows the arrival times of this signal at each station ordered by station-event distance. From the slope of the travel-time curve the apparent speed of the disturbance can be calculated. The apparent velocity of the signal is 0.312 km/s which is very close to the speed of sound in the air. This suggests that the shock wave in the air generated by the exploding bolide was strong enough to be recorded by seismometers even at a distance of several hundreds of km.

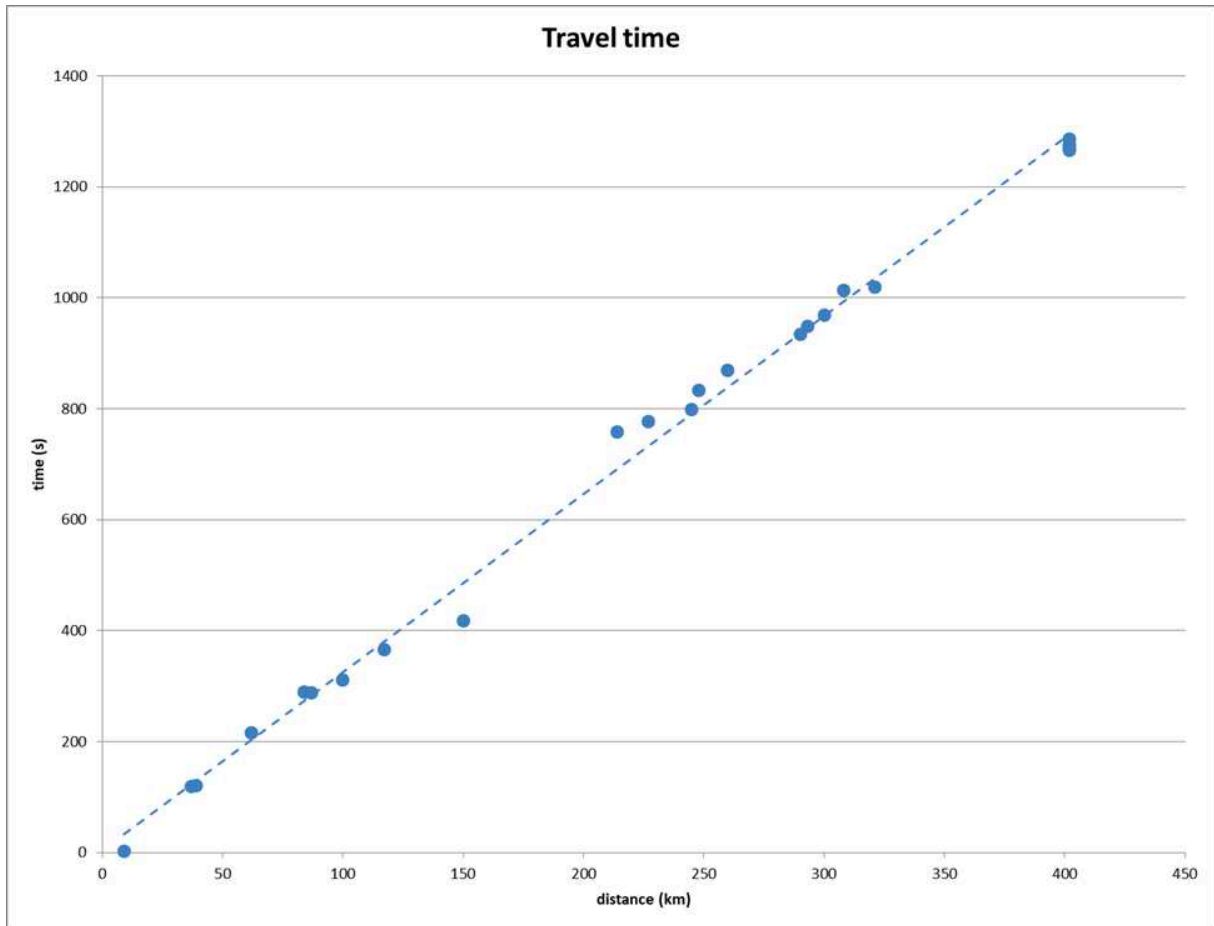


Figure 12. Travel times of first arrivals measured at different seismic stations vs. epicentral distance. The slope of the fitted line determines the apparent velocity of the shock wave sweeping across the seismic stations is 0.312 km/s.

Figure 13 shows the seismo-acoustic location of the bolide with *iLoc*, assuming that the first arrivals recorded at the seismic stations were actually infrasound signals. This assumption is supported by the apparent velocity obtained from the slope of the travel-time curve in **Figure 12** which gives a speed very close to the speed of sound in the air. The seismo-acoustic location is consistent with eyewitness reports (https://fireballs.imo.net/members/imo_view/event/2020/1027).



Figure 13. Seismo-acoustic location (red circle) of the bolide over Croatia and Slovenia. The PSZI infrasound array and the seismic stations are shown as yellow triangles.

Thunderstorms and lightning

Storms and lightning are also sources of infrasound signals. PSZI detects mostly regional storms in a 400 kilometers radius but it is capable to detect signals from distant storms which are 1500-2000 kilometers away. **Figure 14** shows a storm on a time vs. azimuth diagram visualized by DIVA.

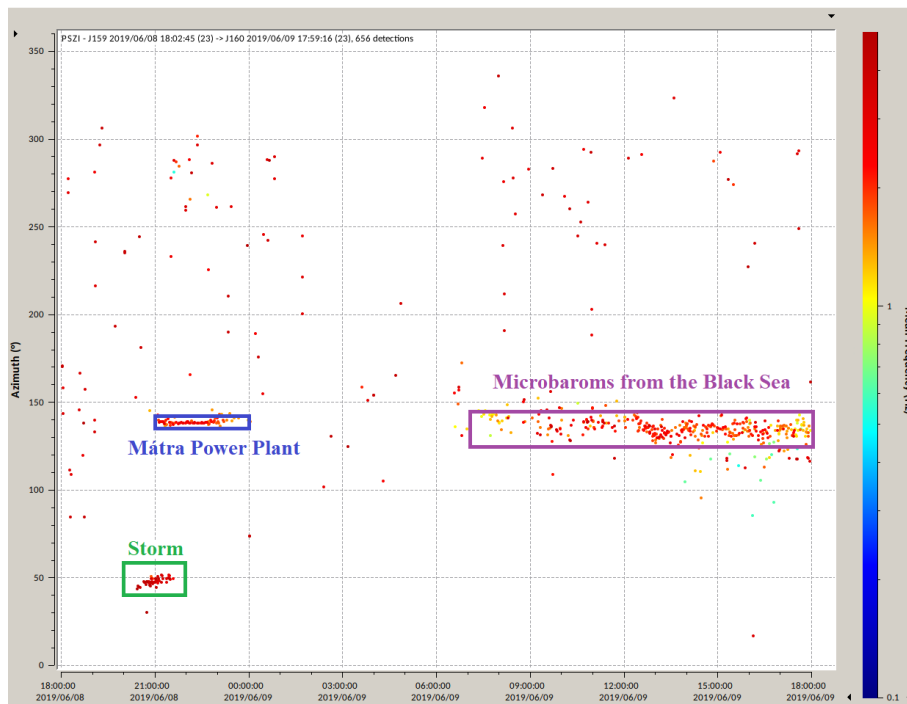


Figure 14. Detections of PSZI visualized by DIVA between 2019. 06. 08. 18:00 and 2019. 06. 09. 18:00 UTC. Detections in the green box belong to a storm, blue rectangle indicates detections from the Mátra Power Plant and the purple rectangle contains the microbaroms from the Black Sea.

Storms can be found by correlating infrasound and lightning data e.g. from Blitzortung database (www.blitzortung.org) as shown on **Figure 15**. In close storms (up to 50 kilometers, measured from the infrasound station) certain lightnings can be associated with infrasound detections (Assink et al., 2008; Farges and Blanc, 2010; Chum et al., 2013).

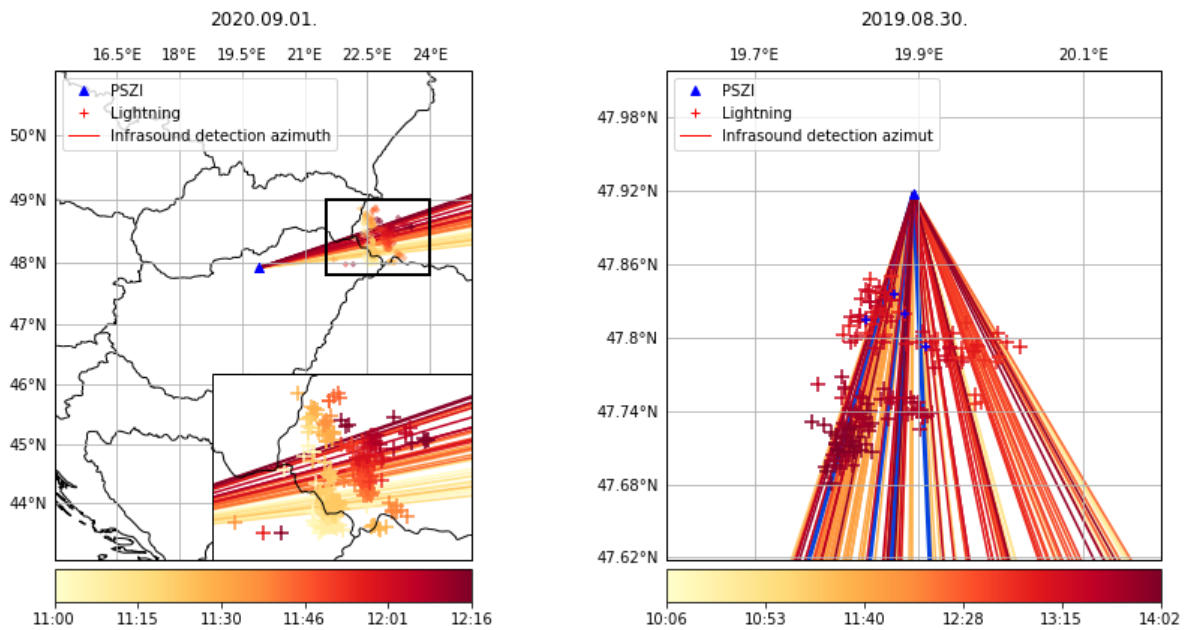


Figure 15. The lightnings are represented by crosses and the azimuth of infrasound detections are shown by lines drawn from PSZI (blue triangle). Both the lightnings locations and the azimuths are color-coded by time (UTC). On the right panel those infrasound detections that are associated with lightnings are colored by blue.

After assigning centroids to storms the distribution of storms' azimuth and their distance from PSZI can be estimated. **Figure 16** shows these distributions calculated using 177 centroid positions. The gap in the bin between 120° and 140° is due to the Máttra Power Plant and microbaroms from the Black Sea. As it is expected eastern detections are in majority to the dominant wind direction in summer.

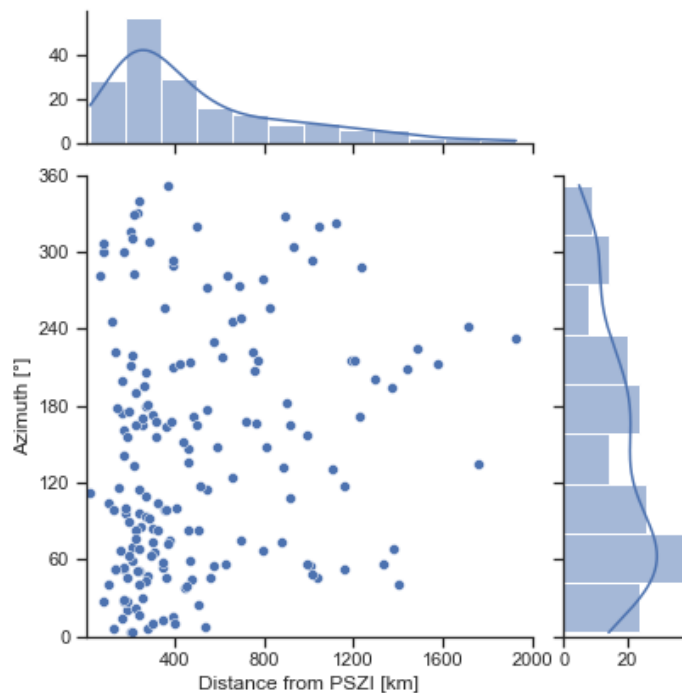


Figure 16. Distribution of storms' azimuth and distance from PSZI.

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Hungarian Seismo-Acoustic Bulletin

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

BEGIN IMS2.0

DATA_TYPE BULLETIN IMS1.0:short with ISF2.0 extensions

BEGIN IMS2.0

DATA_TYPE BULLETIN IMS1.0:short with ISF2.0 extensions

Event bud2020annr Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/01/08	09:40:47.44	0.43	1.38	48.5875	20.8087	5.9	3.5	176	0.0	0.0	13	0	132	0.20	1.24	sx	BUD	4639908	scolv			
2020/01/08	09:40:46.18	1.07	0.85	48.5612	20.7899	5.0	3.1	16	0.0f		15	8	130	0.18	1.24	sx	KRSZO	1	KRSZO			220

(#PRIME)

(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	7 BUD	4639908
ML	1.8	0.3	7 KRSZO	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
JOS	0.18	248.6	Pg	09:40:49.866	-0.1					T__		370.2		___ ML	1.4	4639918	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.18	248.6	Lg	09:40:53.871	0.9					T__				___		4639919	FDSN	ZJ	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
KECS	0.22	249.0	Pg	09:40:50.357	-0.4					T__		1321.0		___ ML	2.0	4639909	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.22	249.0	Lg	09:40:54.162	-0.1					T__				___		4639910	FDSN	SK	--	BUD	ILOC	EHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
ABAH	0.40	131.4	Pg	09:40:54.362	-0.1					T__		105.4		___ ML	1.4	4639911	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
ABAH	0.40	131.4	Lg	09:41:01.864	0.5					T__				___		4639912	FDSN	HU	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU02A	0.47	202.0	Pg	09:40:55.907	-0.3					T__		96.9		___ ML	1.6	4639920	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.47	202.0	Lg	09:41:03.622	-0.3					T__				___		4639921	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
PSZ	0.88	223.3	Pn	09:41:04.821	-0.0					T__		133.9		___ ML	2.1	4639914	FDSN	GE	--	BUD	ILOC	BHZ	BHZ	_
PSZ	0.88	223.3	Sn	09:41:19.272	-0.7					T__				___		4639915	FDSN	GE	--	BUD	ILOC	BHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
PSZI	0.88	223.3	I	09:45:44.616	1.7	43.7	1.1			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
NIE	0.92	339.6	Pn	09:41:06.839	1.4					T__		68.1		___ ML	1.8	4639913	FDSN	PL	--	BUD	ILOC	BHZ	BHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
TRPA	1.24	109.6	Pn	09:41:09.223	-0.5					T__		51.4		___ ML	1.9	4639916	FDSN	HU	--	BUD	ILOC	BHZ	BHZ	_
TRPA	1.24	109.6	Sn	09:41:27.365	-1.3					T__				___		4639917	FDSN	HU	--	BUD	ILOC	BHN	???	_
(Reading ML: 1.9 magdef=1)																								

(Station ML: 1.9 magdef=1

Event bud2020awyq Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/01/13	13:25:59.71	1.36	1.11	47.7117	20.1179	13.6	6.0	176	0.0	0.0	8	0	272	0.26	0.95		kx BUD	4649825	scolv			
2020/01/13	13:26:00.49			47.8650	20.1529				0.0								kx BUD_GT	1	BUD			
2020/01/13	13:26:00.49	1.05	2.32	47.8692	20.1400	3.9	0.9	107	0.0f		10	6	226	0.17	0.85		kx KRSZO	1	KRSZO			240

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	3 BUD	4649825
ML	1.4	0.2	3 KRSZO	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	
PSZ	0.17	286.7	Pg	13:26:05.537	0.8					T__		373.4		___	ML	1.4	4649826	FDSN	GE	--	BUD	ILOC	BHZ	BHZ	_
PSZ	0.17	286.7	Lg	13:26:07.594	-0.7					T__				___		4649827	FDSN	GE	--	BUD	ILOC	BHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
PSZI	0.17	286.5	I	13:26:50.813	-5.3	107.5	1.2			TA_				___		2	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU02A	0.36	45.5	Pg	13:26:08.671	0.3					T__		82.7		___	ML	1.2	4649829	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.36	45.5	Lg	13:26:13.617	-1.0					T__				___		4649830	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KECS	0.66	20.5	Sn	13:26:26.263	-2.0					T__				___		4649831	FDSN	SK	--	BUD	ILOC	EHE	???	_	
JOS	0.68	22.9	Pg	13:26:14.289	0.1					T__		96.3		___	ML	1.9	4649832	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.68	22.9	Sn	13:26:26.900	-1.9					T__				___		4649833	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
ABAH	0.85	59.5	Sn	13:26:32.417	-0.5					T__				___		4649828	FDSN	HU	--	BUD	ILOC	HHE	???	_	

Event bud2020bcet Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/01/16	10:12:08.66	0.36	2.33	46.9333	17.3040	4.2	3.7	116	0.0	0.0	9	0	114	0.11	1.17		kx BUD	4655413	scolv				
2020/01/16	10:12:03.02			46.8548	17.2699				0.0								kx BUD_GT	1	BUD				
2020/01/16	10:12:03.02	1.15	2.68	46.8717	17.2946	7.6	4.3	153	0.0f		9	7	164	0.13	2.05		kx KRSZO	1	KRSZO				244

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.6	2 BUD	4655413

Sta	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	308.8	Pg	10:12:07.571	1.3					T__		5150.8		___	ML	2.4	4655419	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A261A	0.13	308.8	Lg	10:12:13.517	4.6					---				---		4655420	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																									
A263A	0.23	176.5	Lg	10:12:21.230	9.1					---				---		4655421	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
MPLH	0.34	29.2	Pn	10:12:11.325	-3.9					T__		246.1		___	ML	1.6	4655414	FDSN	HU	--	BUD	ILOC	BHZ	BHZ	_

MPLH	0.34	29.2	Lg	10:12:18.042	1.8	T__	---	4655415	FDSN	HU	--	BUD	ILOC	BHE	???	_		
				(Reading ML: 1.6 magdef=1)														
				(Station ML: 1.6 magdef=0)														
HU08A	0.71	37.3	Sn	10:12:30.965	-0.6	T__	---	4655422	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_		
CSKK	0.82	53.0	Sn	10:12:35.699	1.1	T__	---	4655416	FDSN	HU	--	BUD	ILOC	HHE	???	_		
KOVH	0.96	144.3	Sn	10:12:38.953	1.5	T__	---	4655417	FDSN	HU	--	BUD	ILOC	BHE	???	_		
MORH	1.14	124.7	Lg	10:12:45.255	2.9	T__	---	4655418	FDSN	HU	--	BUD	ILOC	BHE	???	_		
PSZI	2.05	58.4	I	10:25:01.123	3.2	241.7	1.4	TA_	---	1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020bdyx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/01/17	09:32:05.46	0.54	0.79	48.0182	20.3474	9.3	3.7	145	0.0	0.0	8	0	187	0.16	0.66	sx	BUD	4657511	scolv			
2020/01/17	09:32:03.15	0.96	2.32	47.9796	20.3690	3.4	1.7	84	0.0f		10	6	198	0.18	0.66	sx	KRSZO	1	KRSZO			223

(#PRIME)

(locality : Egerbakta Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	3 BUD	4657511
ML	1.3	0.1	3 KRSZO	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	
HU02A	0.18	36.2	Pg	09:32:07.522	0.2					T__		313.6		___	ML	1.3	4657516	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.18	36.2	Lg	09:32:10.659	-0.2					T__				___		4657517	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
				(Reading ML: 1.3 magdef=1)																					
				(Station ML: 1.3 magdef=1)																					
PSZ	0.32	259.3	Pg	09:32:10.916	0.4					T__		103.5		___	ML	1.2	4657513	FDSN	GE	--	BUD	ILOC	BHZ	BHZ	_
PSZ	0.32	259.3	Lg	09:32:16.386	0.3					T__				___		4657512	FDSN	GE	--	BUD	ILOC	BHN	???	_	
				(Reading ML: 1.2 magdef=1)																					
				(Station ML: 1.2 magdef=1)																					
PSZI	0.33	259.2	I	09:33:42.463	-5.9	79.3	0.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
KECS	0.51	8.7	Lg	09:32:20.056	-1.3					T__				___		4657514	FDSN	SK	--	BUD	ILOC	EHE	???	_	
JOS	0.53	12.4	Pg	09:32:14.227	0.4					T__		104.6		___	ML	1.8	4657518	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.53	12.4	Lg	09:32:21.813	-0.2					T__				___		4657519	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
				(Reading ML: 1.8 magdef=1)																					
				(Station ML: 1.8 magdef=1)																					
ABAH	0.66	61.2	Lg	09:32:27.119	-0.6					T__				___		4657515	FDSN	HU	--	BUD	ILOC	HHE	???	_	

Event bud2020ccqjn Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/07	10:02:57.52	0.42	0.59	48.6566	20.8432	4.9	4.5	159	0.0	0.0	13	0	119	0.26	1.71	sx	BUD	4772578	scolv			
2020/02/07	10:02:57.93	1.09	1.71	48.5529	20.8008	5.6	3.3	4	0.0f		15	9	111	0.18	1.79	sx	KRSZO	1	KRSZO			195

(#PRIME)

(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.3	6 BUD	4772578
ML	1.6	0.4	6 KRSZO	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	
JOS	0.18	251.9	Pg	10:03:01.908	0.1					T__		319.8		___	ML	1.3	4772586	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.18	251.9	Lg	10:03:05.949	1.1					T__				___		4772587	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	

(Station ML: 1.3 magdef=1
 PSZ 0.90 223.8 Pn 10:48:50.179 -0.2 T__ 56.3 ___ ML 1.7 4773880 FDSN GE -- BUD ILOC BHZ BHZ _
 PSZ 0.90 223.8 Lg 10:49:02.029 -1.7 T__ ___ 4773881 FDSN GE -- BUD ILOC BHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=0
 PSZI 0.90 223.8 I 10:53:33.466 -1.2 43.7 0.6 _A_ ___ 1 FDSN HN -- BUD ILOC BDF ??? _

Event bud2020dodo Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/20	10:18:16.78	0.33	0.59	48.4194	19.5478	4.6	3.4	174	0.0	0.0	12	0	93	0.41	1.19	sx	BUD	4801617	scolv			
2020/02/20	10:18:15.38	0.91	1.30	48.3977	19.5536	4.0	2.8	166	0.0f		14	8	92	0.41	1.19	sx	KRSZO	1	KRSZO			177

(#PRIME)
 (locality : Tuhár Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.3	6 BUD	4801617
ML	1.7	0.1	6 KRSZO	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	
A336A	0.41	246.3	Pg	10:18:23.812	0.1					T__		255.5		___	ML	1.8	4801623	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A336A	0.41	246.3	Lg	10:18:30.226	0.0					T__				___		4801624	FDSN	Z3	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
PSZ	0.53	154.4	Pg	10:18:26.839	-0.0					T__		67.4		___	ML	1.6	4801618	FDSN	GE	--	BUD	ILOC	BHZ	BHZ	_
PSZ	0.53	154.4	Lg	10:18:34.473	-0.8					T__				___		4801619	FDSN	GE	--	BUD	ILOC	BHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0																									
PSZI	0.53	154.5	I	10:21:12.799	3.7	333.4	-1.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
KECS	0.63	81.8	Pg	10:18:28.519	0.6					T__		103.4		___	ML	1.9	4801621	FDSN	SK	--	BUD	ILOC	EHN	EHZ	_
KECS	0.63	81.8	Lg	10:18:37.577	0.1					T__				___		4801620	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
JOS	0.66	81.1	Pg	10:18:28.668	0.0					T__		57.9		___	ML	1.6	4801625	FDSN	ZJ	--	BUD	ILOC	HHE	HHZ	_
JOS	0.66	81.1	Lg	10:18:38.337	-0.3					T__				___		4801626	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
HU02A	0.71	112.6	Pg	10:18:30.345	0.3					T__		57.9		___	ML	1.7	4801627	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.71	112.6	Lg	10:18:40.122	-1.0					T__				___		4801628	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
LANS	0.76	355.7	Lg	10:18:40.249	-0.4					T__				___		4801622	FDSN	SK	--	BUD	ILOC	EHE	???	_	
A337A	1.19	263.2	Pn	10:18:39.961	1.6					T__		595.0		___	ML	2.9	4801629	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0																									

Event bud2020dxf Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/02/25	08:52:21.68	0.31	0.69	48.5476	19.3262	4.7	2.5	0	0.0	0.0	17	0	158	0.38	1.38	sx	BUD	4821882	scolv				
2020/02/25	08:52:20.02	0.92	1.14	48.5198	19.3359	4.0	3.0	171	0.0f		19	12	154	0.36	1.38	sx	KRSZO	1	KRSZO				163

(#PRIME)
 (locality : Viglas Slovakia)

Magnitude Err Nsta Author OrigID
 MLv 2.0 0.2 6 BUD 4821882
 ML 2.0 0.2 6 KRSZO 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	
A336A	0.36	218.2	Pg	08:52:28.494	0.9					T__		520.1		---	ML	2.0	4821891	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A336A	0.36	218.2	Lg	08:52:33.609	0.2					T__				---		4821892	FDSN	Z3	00	BUD	ILOC	HH3	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
A332A	0.64	296.6	Lg	08:52:41.670	-0.5					T__				---		4821893	FDSN	Z3	00	BUD	ILOC	HHZ	???	_	
HU10A	0.71	197.6	Lg	08:52:44.626	-1.2					T__				---		4821894	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
PSZ	0.71	148.0	Pg	08:52:35.249	0.2					T__		75.6		---	ML	1.8	4821883	FDSN	GE	--	BUD	ILOC	BHZ	BHZ	_
PSZ	0.71	148.0	Lg	08:52:45.631	-0.3					T__				---		4821884	FDSN	GE	--	BUD	ILOC	BHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
PSZI	0.71	148.0	I	08:56:11.515	-3.4	325.8	-2.6			TA_				---		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
KECS	0.77	92.3	Pg	08:52:35.452	0.2					T__		211.2		---	ML	2.3	4821886	FDSN	SK	--	BUD	ILOC	EHN	EHZ	_
KECS	0.77	92.3	Lg	08:52:46.750	-0.0					T__				---		4821885	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																									
JOS	0.80	91.3	Pg	08:52:36.385	0.5					T__		84.7		---	ML	1.9	4821895	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.80	91.3	Lg	08:52:47.591	-0.3					T__				---		4821896	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
A338A	0.83	232.8	Lg	08:52:49.233	-0.9					T__				---		4821897	FDSN	Z3	00	BUD	ILOC	HH2	???	_	
HU02A	0.89	116.2	Pn	08:52:38.350	-0.4					T__		46.4		---	ML	1.7	4821898	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.89	116.2	Sn	08:52:52.869	-0.9					T__				---		4821899	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
JAVC	1.15	287.7	Lg	08:52:59.066	-1.8					T__				---		4821887	FDSN	CZ	--	BUD	ILOC	BHN	???	_	
ABAH	1.29	99.3	Pg	08:52:46.038	0.8					T__		93.8		---	ML	2.2	4821889	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
ABAH	1.29	99.3	Sn	08:53:03.340	0.2					T__				---		4821888	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
MODS	1.38	264.7	Sn	08:53:05.478	-0.7					T__				---		4821890	FDSN	SK	--	BUD	ILOC	HHN	???	_	

Event bud2020ecsd Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/02/28	09:32:30.00		99.99	45.9000	15.5000							0					kc BUD	4830985	BUD			360
2020/02/28	09:32:36.43	5.89	27.32	45.9022	15.5464	3.4	2.5	159	0.0f	15	14	115	0.10	3.60		kc ILOC	1	ILOC				208

(#PRIME)
 (locality : bolide over the Croatian-Slovenian border)

Magnitude Err Nsta Author OrigID
 MLv 3.6 1.1 13 BUD 4830985

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
CRES	0.10	219.4	I	09:33:22.700	14.6					T__				---		4830993	FDSN	SL	--	BUD	ILOC	BHZ	???	_
PTJ	0.29	88.9	I	09:34:19.200	7.7					T__				---		4830994	FDSN	CR	--	BUD	ILOC	BHZ	???	_
ZAG	0.32	103.6	I	09:34:23.100	4.3					T__				---		4830986	FDSN	CR	--	BUD	ILOC	BHZ	???	_
KOGS	0.73	41.6	I	09:37:09.200	29.1					T__				---		4830997	FDSN	SL	--	BUD	ILOC	BHZ	???	_

OBKA	0.92	311.6	I	09:37:34.200	-14.4	T__	---	---	4830987	FDSN	OE	--	BUD	ILOC	BHE	???	_
BEHE	1.03	55.9	I	09:38:26.400	-2.0	T__	---	---	4830995	FDSN	HU	--	BUD	ILOC	BHZ	???	_
A262A	1.18	34.9	I	09:39:29.400	0.7	T__	---	---	4830995	FDSN	HU	--	BUD	ILOC	BHZ	???	_
A010A	1.23	17.3	I	09:39:14.200	-34.9	T__	---	---	4830995	FDSN	HU	--	BUD	ILOC	BHZ	???	_
A264A	1.24	77.4	I	09:39:13.900	-40.7	T__	---	---	4830995	FDSN	HU	--	BUD	ILOC	BHZ	???	_
ARSA	1.35	359.3	I	09:39:20.000	-78.9	---	---	---	4830988	FDSN	OE	--	BUD	ILOC	BHZ	???	_
MPLH	1.87	46.6	I	09:45:01.600	43.9	T__	---	---	4830998	FDSN	HU	--	BUD	ILOC	BHZ	???	_
TIH	1.91	57.6	I	09:44:59.200	27.2	T__	---	---	4830998	FDSN	HU	--	BUD	ILOC	BHZ	???	_
MORH	2.18	80.6	I	09:45:52.200	-28.9	T__	---	---	4830990	FDSN	HU	--	BUD	ILOC	BHZ	???	_
HU22A	2.53	79.0	I	09:47:35.300	-58.5	---	---	---	4830991	FDSN	SK	--	BUD	ILOC	HHZ	???	_
A271A	2.59	59.9	I	09:48:29.200	-27.9	T__	---	---	4830996	FDSN	CZ	--	BUD	ILOC	BHE	???	_
PSZI	3.60	54.3	I	09:55:30.925	21.4	TA_	---	---	4831001	FDSN	GE	--	BUD	ILOC	BHZ	???	_
PSZ	3.60	54.3	I	09:53:27.900	-999	---	---	---	4831001	FDSN	GE	--	BUD	ILOC	BHZ	???	_

Event bud2020ejzq Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/03/03	09:19:00.81	1.28	0.87	47.7131	19.0596	14.9	6.0	25	0.0	0.0	8	0	278	0.14	1.26	kx	BUD	4837180	scolv			
2020/03/03	09:19:00.96			47.8355	19.1270				0.0							kx	BUD_GT	1	BUD			
2020/03/03	09:19:00.96	1.00	1.53	47.8499	19.1468	4.5	3.0	173	0.0f		10	5	184	0.09	1.13	kx	KRSZO	1	KRSZO			332

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.1	4 BUD	4837180
ML	1.8	0.1	4 KRSZO	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	
HU10A	0.09	266.9	Pg	09:19:03.201	-0.0					T__		1684.5		---	ML	1.8	4837183	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.09	266.9	Lg	09:19:05.190	-0.1					T__				---		4837184	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
PSZI	0.51	82.0	I	09:21:42.667	-3.9	264.8	2.2			TA_				---		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.51	82.0	Pg	09:19:12.471	0.4					T__		122.8		---	ML	1.8	4837181	FDSN	GE	--	BUD	ILOC	BHZ	BHZ	_
PSZ	0.51	82.0	Lg	09:19:19.596	-0.6					T__				---		4837182	FDSN	GE	--	BUD	ILOC	BHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
HU02A	0.97	73.1	Pg	09:19:21.398	0.5					T__		65.4		---	ML	1.9	4837185	FDSN	ZJ	00	BUD	ILOC	HHN	HHZ	_
HU02A	0.97	73.1	Sn	09:19:36.917	0.3					T__				---		4837186	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
JOS	1.13	54.7	Pg	09:19:23.625	0.2					T__		77.7		---	ML	2.0	4837187	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	1.13	54.7	Sn	09:19:39.682	-0.7					T__				---		4837188	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									

Event bud2020emgd Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/03/04	14:52:21.05	1.76	0.29	47.7313	20.2475	20.8	5.5	167	0.0	0.0	6	0	266	0.30	0.79	sx	BUD	4837897	scolv				
2020/03/04	14:52:21.91	1.05	3.67	47.8668	20.1527	3.8	0.9	107	0.0f		8	5	231	0.18	0.68	sx	KRSZO	1	KRSZO				253

(#PRIME)

(locality : Kisdána Hungary)

Magnitude Err Nsta Author OrigID
MLv 1.4 0.2 3 BUD 4837897
ML 1.2 0.3 3 KRSZO 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
PSZ	0.18	286.6	Pg	14:52:26.736	0.4					T__		277.9		___ ML	1.2	4837898	FDSN	GE	--	BUD	ILOC	BHZ	BHZ	_
(Reading ML: 1.2 magdef=1)																								
PSZ	0.18	286.6	Lg	14:52:29.989	-0.0					T__				___		4837899	FDSN	GE	--	BUD	ILOC	BHN	???	_
(Station ML: 1.2 magdef=1)																								
PSZI	0.18	286.4	I	14:53:12.263	-8.1	107.6	1.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
HU02A	0.36	44.2	Pg	14:52:29.499	-0.2					T__		52.0		___ ML	1.0	4837900	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.36	44.2	Lg	14:52:34.878	-1.0					T__				___		4837901	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
HU03A	0.37	275.9	Lg	14:52:36.356	0.4					T__				___		4837902	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
JOS	0.68	22.2	Pg	14:52:36.018	0.5					T__		36.6		___ ML	1.4	4837903	FDSN	ZJ	--	BUD	ILOC	HHE	HHZ	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								

Event bud2020ewro Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/03/10	07:59:50.45	0.56	0.93	47.8388	19.9446	7.9	4.4	152	0.0	0.0	10	0	186	0.09	1.24		kx BUD	4846589	scolv				
2020/03/10	07:59:48.31			47.8285	19.9317				0.0								kx BUD_GT	1	BUD				
2020/03/10	07:59:48.31	1.17	1.74	47.8502	19.9211	5.0	0.6	165	0.0f		12	7	184	0.07	1.22		kx KRSZO	1	KRSZO			281	
#PRIME)																							
(locality : Gyöngyössolymos-II Hungary)																							
(GT info : GT2 explosion)																							

Magnitude Err Nsta Author OrigID
MLv 1.8 0.2 5 BUD 4846589
ML 1.7 0.1 5 KRSZO 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
PSZI	0.07	344.7	I	08:00:05.927	-5.0	161.8	-2.9			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.07	345.3	Pg	07:59:50.705	0.2					T__		1649.1		___ ML	1.7	4846594	FDSN	GE	--	BUD	ILOC	BHZ	BHZ	_
PSZ	0.07	345.3	Lg	07:59:52.930	0.3					T__				___		4846595	FDSN	GE	--	BUD	ILOC	BHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU02A	0.49	55.9	Pg	07:59:57.866	-0.9					T__		62.8		___ ML	1.5	4846596	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.49	55.9	Lg	08:00:06.909	0.1					T__				___		4846597	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=0)																								
KECS	0.74	30.6	Pn	08:00:04.860	0.1					T__		107.0		___ ML	1.9	4846591	FDSN	SK	--	BUD	ILOC	EHN	EHZ	_
KECS	0.74	30.6	Lg	08:00:14.529	0.2					T__				___		4846590	FDSN	SK	--	BUD	ILOC	EHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
JOS	0.77	32.4	Pn	08:00:05.424	0.2					T__		54.7		___ ML	1.7	4846598	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.77	32.4	Lg	08:00:15.383	0.1					T__				___		4846599	FDSN	ZJ	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								

ABAH 0.99 62.7 Pn 08:00:09.236 1.0 T__ 112.5 ___ ML 2.1 4846592 FDSN HU -- BUD ILOC HHZ HHZ _
 (Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=0
 CSKK 1.22 247.2 Sn 08:00:30.814 0.9 T__ ___ 4846593 FDSN HU -- BUD ILOC HHN ??? _

Event bud2020fjoq Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/03/17	09:18:19.77	0.48	0.64	48.0294	20.3051	8.8	3.7	145	0.0	0.0	9	0	181	0.17	0.68	sx	BUD	4857175	scolv			
2020/03/17	09:18:17.73	0.97	1.80	47.9947	20.3411	3.4	2.6	97	0.0f		11	6	192	0.18	0.67	sx	KRSZO	1	KRSZO			211

(#PRIME)
 (locality : Egerbakta Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.2	4 BUD	4857175
ML	1.3	0.2	4 KRSZO	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	
HU02A	0.18	44.0	Pg	09:18:21.931	-0.0					T__		262.2		___	ML	1.2	4857181	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.18	44.0	Lg	09:18:25.093	-0.4					T__				___		4857182	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
PSZ	0.31	255.9	Pg	09:18:25.412	0.6					T__		100.4		___	ML	1.2	4857176	FDSN	GE	--	BUD	ILOC	BHZ	BHZ	_
PSZ	0.31	255.9	Lg	09:18:29.432	-0.8					T__				___		4857177	FDSN	GE	--	BUD	ILOC	BHN	???	_	
PSZI	0.31	255.8	I	09:19:53.363	-4.7	79.6	4.1			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
KECS	0.50	11.1	Pg	09:18:28.440	0.6					T__		79.3		___	ML	1.6	4857178	FDSN	SK	--	BUD	ILOC	EHN	EHZ	_
KECS	0.50	11.1	Lg	09:18:34.292	-1.3					T__				___		4857179	FDSN	SK	--	BUD	ILOC	EHN	???	_	
JOS	0.52	14.7	Pg	09:18:29.034	0.8					T__		53.8		___	ML	1.5	4857183	FDSN	ZJ	--	BUD	ILOC	HHE	HHZ	_
JOS	0.52	14.7	Lg	09:18:36.080	-0.2					T__				___		4857184	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
ABAH	0.67	63.0	Lg	09:18:42.358	-0.2					T__				___		4857180	FDSN	HU	--	BUD	ILOC	HHE	???	_	

Event bud2020fjqg Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/03/17	10:06:17.19	0.47	1.57	48.5249	20.8328	5.8	4.2	97	0.0	0.0	12	0	150	0.20	1.10	sx	BUD	4857253	scolv			
2020/03/17	10:06:16.51	1.06	2.72	48.5175	20.7579	4.7	3.5	14	0.0f		14	8	142	0.15	1.06	sx	KRSZO	1	KRSZO			219

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	7 BUD	4857253
ML	1.7	0.1	7 KRSZO	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	
JOS	0.15	261.6	Pg	10:06:19.692	0.0					T__		315.9		___	ML	1.2	4857262	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.15	261.6	Lg	10:06:23.240	1.0					T__				___		4857263	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	

(Reading ML: 1.2 magdef=1

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(Station ML: 1.2 magdef=0
KECS 0.18 259.4 Pg 10:06:20.232 -0.2 T__ 899.7 ___ ML 1.8 4857254 FDSN SK -- BUD ILOC EHE EHZ _
KECS 0.18 259.4 Lg 10:06:24.586 1.1 T__ ___ 4857255 FDSN SK -- BUD ILOC EHE ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
ABAH 0.39 124.4 Pg 10:06:25.129 0.6 T__ 156.9 ___ ML 1.6 4857256 FDSN HU -- BUD ILOC HHZ HHZ _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
HU02A 0.43 201.5 Pg 10:06:23.049 -2.5 T__ 70.0 ___ ML 1.3 4857264 FDSN ZJ 00 BUD ILOC HHZ HHZ _
HU02A 0.43 201.5 Lg 10:06:32.694 0.1 T__ ___ 4857265 FDSN ZJ 00 BUD ILOC HHN ??? _
(Reading ML: 1.3 magdef=1
(Station ML: 1.3 magdef=1
PSZ 0.83 224.2 Pg 10:06:34.000 -0.1 T__ 91.3 ___ ML 1.9 4857257 FDSN GE -- BUD ILOC BHZ BHZ _
PSZ 0.83 224.2 Lg 10:06:47.796 1.1 T__ ___ 4857258 FDSN GE -- BUD ILOC BHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=0
PSZI 0.83 224.3 I 10:11:04.216 8.0 43.7 0.1 TA_ ___ 1 FDSN HN -- BUD ILOC BDF ??? _
NIE 0.95 341.7 Pn 10:06:36.051 -0.2 T__ 47.8 ___ ML 1.7 4857260 FDSN PL -- BUD ILOC BHZ BHZ _
NIE 0.95 341.7 Sn 10:06:50.123 -2.1 T__ ___ 4857261 FDSN PL -- BUD ILOC BHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
LANS 1.06 307.1 Pg 10:06:36.051 -1.4 T__ 48.1 ___ ML 1.8 4857259 FDSN SK -- BUD ILOC EHZ EHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1

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Event bud2020flnb Slovakia

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Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/03/18 10:46:17.79 0.29 0.85 48.6237 20.7676 4.5 3.2 154 0.0 0.0 16 0 68 0.20 1.29 sx BUD 4859702 scolv
2020/03/18 10:46:16.92 0.91 1.54 48.5509 20.7834 4.1 3.1 179 0.0f 18 12 72 0.17 1.30 sx KRSZO 1 KRSZO 93
(#PRIME)
(locality : Dvorniky-Vcelare Slovakia)

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Magnitude Err Nsta Author OrigID
MLv 1.8 0.1 6 BUD 4859702
ML 1.8 0.1 8 KRSZO 1

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Sta Dist EVAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
JOS 0.17 251.3 Pg 10:46:20.689 0.1 T__ 481.2 ___ ML 1.5 4859714 FDSN ZJ -- BUD ILOC HHZ HHZ _
JOS 0.17 251.3 Lg 10:46:23.743 0.3 T__ ___ 4859715 FDSN ZJ -- BUD ILOC HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
KECS 0.21 251.2 Pg 10:46:21.236 -0.1 T__ 974.7 ___ ML 1.9 4859703 FDSN SK -- BUD ILOC EHE EHZ _
KECS 0.21 251.2 Lg 10:46:25.376 0.6 T__ ___ 4859704 FDSN SK -- BUD ILOC EHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
ABAH 0.40 129.8 Pn 10:46:27.218 -2.7 T__ 180.4 ___ ML 1.7 4859705 FDSN HU -- BUD ILOC HHZ HHZ _
ABAH 0.40 129.8 Lg 10:46:32.914 0.9 T__ ___ 4859706 FDSN HU -- BUD ILOC HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
HU02A 0.46 202.0 Lg 10:46:34.579 0.3 T__ ___ 4859716 FDSN ZJ 00 BUD ILOC HHZ ??? _
PSZ 0.87 223.5 Pn 10:46:34.495 -1.0 T__ 93.9 ___ ML 2.0 4859707 FDSN GE -- BUD ILOC BHZ BHZ _
PSZ 0.87 223.5 Sn 10:46:48.349 -2.1 T__ ___ 4859708 FDSN GE -- BUD ILOC BHZ ??? _

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/04/14	09:50:04.49	0.40	0.37	47.3611	18.3326	5.3	4.5	140	0.0	0.0	8	0	107	0.05	1.19	sx	BUD	4957634	scolv			
2020/04/14	09:50:01.72	1.13	1.81	47.3645	18.4495	4.8	4.1	97	0.0f		9	7	113	0.13	1.16	sx	KRSZO	1	KRSZO			189

(#PRIME)

(locality : Gánt Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	4 BUD	4957634
ML	1.6	0.4	4 KRSZO	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	
CSKK	0.13	269.4	Pg	09:50:05.023	0.1					T__		2293.6		___	ML	2.0	4957635	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.13	269.4	Lg	09:50:06.137	-1.8					T__				___		4957638	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
MSW1	0.13	282.5	Pg	09:50:05.505	0.5					T__		1440.8		___	ML	1.8	4957639	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW2	0.17	249.1	Pg	09:50:06.408	0.6					T__		427.7		___	ML	1.4	4957640	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
MSW3	0.22	275.0	Pg	09:50:07.107	0.4					T__		230.7		___	ML	1.3	4957641	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
HU09A	0.28	350.6	Lg	09:50:13.272	0.3					T__				___		4957642	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
PSZI	1.12	59.9	I	09:56:27.945	-3.9	238.9	-2.1			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
MORH	1.16	173.3	Lg	09:50:42.161	-0.5					T__				___		4957636	FDSN	HU	--	BUD	ILOC	HHE	???	_	

Event bud2020htrt Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/04/20	09:18:08.35	0.28	0.80	47.3530	18.3746	4.3	2.9	2	0.0	0.0	16	0	123	0.08	1.28	sx	BUD	4984934	scolv			
2020/04/20	09:18:05.86	0.89	0.80	47.3560	18.4115	4.0	3.1	3	0.0f		17	11	130	0.10	1.29	sx	KRSZO	1	KRSZO			137

(#PRIME)

(locality : Gánt Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.3	7 BUD	4984934
ML	1.6	0.2	7 KRSZO	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	
CSKK	0.10	274.0	Pg	09:18:08.627	0.1					T__		2728.0		___	ML	2.0	4984950	FDSN	HU	--	BUD	ILOC	HHN	HHZ	_
CSKK	0.10	274.0	Lg	09:18:10.518	-0.7					T__				___		4984935	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
MSW1	0.11	289.7	Pg	09:18:09.187	0.5					T__		1463.0		___	ML	1.8	4984943	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MSW1	0.11	289.7	Lg	09:18:10.676	-0.8					T__				___		4984944	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MSW2	0.15	248.6	Pg	09:18:09.897	0.5					T__		314.1		___	ML	1.2	4984946	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MSW2	0.15	248.6	Lg	09:18:11.477	-1.2					T__				___		4984945	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									

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(Station ML: 1.2 magdef=1
MSW3 0.20 278.1 Pg 09:18:11.340 1.0 T__ 370.9 ___ ML 1.4 4984948 FDSN HU -- BUD ILOC HHZ HHZ _
MSW3 0.20 278.1 Lg 09:18:13.378 -0.9 T__ ___ 4984947 FDSN HU -- BUD ILOC HHE ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=1
HU08A 0.34 283.0 Lg 09:18:19.832 0.7 T__ ___ 4984949 FDSN ZJ 00 BUD ILOC HHE ??? _
BUD 0.44 72.7 Lg 09:18:22.216 -0.5 T__ ___ 4984939 FDSN HU -- BUD ILOC BHN ??? _
MPLH 0.62 252.9 Pn 09:18:20.452 -1.5 T__ 90.2 ___ ML 1.8 4984940 FDSN HU -- BUD ILOC BHZ BHZ _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
PSZI 1.15 60.2 I 09:26:03.993 77.4 237.7 -3.6 _A_ ___ 1 FDSN HN -- BUD ILOC BDF ??? _
PSZ 1.15 60.2 Pg 09:18:30.384 0.3 T__ 32.3 ___ ML 1.6 4984942 FDSN GE -- BUD ILOC BHZ BHZ _
PSZ 1.15 60.2 Lg 09:18:47.167 -0.6 T__ ___ 4984936 FDSN GE -- BUD ILOC BHE ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
MORH 1.15 172.0 Pg 09:18:29.406 0.6 T__ 7.7 ___ ML 1.0 4984941 FDSN HU -- BUD ILOC BHZ BHZ _
MORH 1.15 172.0 Lg 09:18:45.971 0.5 T__ ___ 4984937 FDSN HU -- BUD ILOC BHE ??? _
(Reading ML: 1.0 magdef=1
(Station ML: 1.0 magdef=0
KOVH 1.29 189.7 Lg 09:18:49.700 -0.6 T__ ___ 4984938 FDSN HU -- BUD ILOC BHE ??? _

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Event bud2020igni Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/04/27	09:50:07.21	0.24	2.36	46.8694	17.4227	3.1	3.0	106	0.0	0.0	18	0	49	0.21	1.50		kx BUD	4998306	scolv			
2020/04/27	09:50:06.33			46.8548	17.2699				0.0								kx BUD_GT	1	BUD			
2020/04/27	09:50:06.33	0.90	4.05	46.8713	17.4309	5.3	2.8	136	0.0f		18	12	55	0.24	1.97		kx KRSZO	1	KRSZO			93

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

Magnitude	Err	Nsta	Author	OrigID
MLv	2.1	0.3	7 BUD	4998306
ML	2.1	0.3	9 KRSZO	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	
A261A	0.21	292.7	Pg	09:50:07.325	-3.8					___		10980.6		___	ML	2.9	4998319	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.9 magdef=1 (Station ML: 2.9 magdef=0)																									
A263A	0.24	199.1	Pg	09:50:11.955	0.2					T__		6091.8		___	ML	2.8	4998320	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A263A	0.24	199.1	Lg	09:50:18.372	2.5					T__				___		4998321	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=1)																									
MPLH	0.31	13.9	Pg	09:50:09.702	-3.4					___		811.1		___	ML	2.1	4998308	FDSN	HU	--	BUD	ILOC	BHZ	BHZ	_
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																									
TIH	0.32	84.7	Pg	09:50:13.776	0.6					T__		1302.6		___	ML	2.3	4998311	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1 (Station ML: 2.3 magdef=1)																									
EGYH	0.55	353.0	Lg	09:50:25.325	-1.1					T__				___		4998312	FDSN	HU	--	BUD	ILOC	HHE	???	_	
BEHE	0.60	228.6	Pg	09:50:20.091	1.3					T__		122.1		___	ML	1.9	4998307	FDSN	HU	--	BUD	ILOC	BHZ	BHZ	_
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									

MSW2	0.69	50.7	Pg	09:50:18.883	-1.4	T__	179.1	___	ML	2.1	4998322	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MSW2	0.69	50.7	Lg	09:50:32.873	1.1	T__		___			4998323	FDSN	HU	--	BUD	ILOC	HHZ	???	_
(Reading ML: 2.1 magdef=1)																			
(Station ML: 2.1 magdef=1)																			
CSKK	0.75	48.7	Lg	09:50:34.762	0.6	T__		___			4998324	FDSN	HU	--	BUD	ILOC	HHN	???	_
KOVH	0.91	149.2	Pg	09:50:23.228	-1.5	T__	62.9	___	ML	1.8	4998309	FDSN	HU	--	BUD	ILOC	BHZ	BHZ	_
KOVH	0.91	149.2	Lg	09:50:38.374	1.1	T__		___			4998313	FDSN	HU	--	BUD	ILOC	BHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
KOGS	0.92	242.9	Lg	09:50:35.944	-0.4	T__		___			4998315	FDSN	SL	--	BUD	ILOC	BHN	???	_
MORH	1.06	127.7	Pn	09:50:25.131	-2.1	T__	18.8	___	ML	1.4	4998310	FDSN	HU	--	BUD	ILOC	BHZ	BHZ	_
MORH	1.06	127.7	Lg	09:50:38.297	-4.8	T__		___			4998314	FDSN	HU	--	BUD	ILOC	BHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
ARSA	1.36	286.9	Sn	09:50:52.586	2.4	T__		___			4998316	FDSN	OE	--	BUD	ILOC	BHN	???	_
CONA	1.50	315.3	Pn	09:50:34.101	0.1	T__	34.1	___	ML	1.9	4998318	FDSN	OE	--	BUD	ILOC	BHZ	BHZ	_
CONA	1.50	315.3	Sn	09:50:54.646	0.3	T__		___			4998317	FDSN	OE	--	BUD	ILOC	BHE	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
PSZI	1.97	57.1	I	10:02:43.495	14.0	238.9	0.0	TA_			1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020itlm Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/04	11:40:24.10	0.27	1.03	48.2351	19.9129				0.0	0.0	16	0	77	0.32	1.77		sx BUD	5024444	sysop			
2020/05/04	11:40:20.29	0.83	3.27	48.2698	19.8572	4.3	1.7	172	0.0f		17	11	67	0.35	1.72		sx KRSZO	1	KRSZO			88
#PRIME)																						
(locality : Bulhary Slovakia)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.1	6 BUD	5024444
ML	1.9	0.1	6 KRSZO	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	
PSZ	0.35	175.9	Pg	11:40:29.650	1.5					T__		552.6		___	ML	2.0	5024445	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZI	0.35	176.0	I	11:42:04.262	-10.3	353.3	-2.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU03A	0.40	205.3	Lg	11:40:36.468	1.2					T__				___		5024454	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
KECS	0.47	62.8	Pn	11:40:31.553	-2.7					T__	261.7			___	ML	2.0	5024446	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.47	62.8	Lg	11:40:39.184	2.1					T__				___		5024447	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
HU02A	0.47	108.0	Pg	11:40:31.328	1.0					T__	175.8			___	ML	1.9	5024455	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.47	108.0	Lg	11:40:38.177	0.2					T__				___		5024456	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
JOS	0.51	63.3	Pn	11:40:32.035	-2.8					T__	162.2			___	ML	1.9	5024457	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.51	63.3	Lg	11:40:38.763	0.4					T__				___		5024458	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
LANS	0.92	343.8	Sn	11:40:54.237	-0.7					T__				___		5024450	FDSN	SK	--	BUD	ILOC	EHE	???	_	
ABAH	0.92	87.9	Pn	11:40:42.720	3.5					T__	74.6			___	ML	1.9	5024448	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_

ABAH	0.92	87.9	Sn	11:40:53.211	-1.3	T__	---	5024449	FDSN	HU	--	BUD	ILOC	HHE	???	_			
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
A338A	1.04	256.4	Lg	11:40:57.742	-0.1	T__	---	5024459	FDSN	Z3	00	BUD	ILOC	HH3	???	_			
A332A	1.07	300.6	Sn	11:41:00.513	2.0	T__	---	5024460	FDSN	Z3	00	BUD	ILOC	HHN	???	_			
NIE	1.19	14.1	Pn	11:40:48.805	5.4	---	21.8	---	ML	1.5	5024451	FDSN	PL	--	BUD	ILOC	BHZ	BHZ	_
NIE	1.19	14.1	Sn	11:41:03.128	1.5	T__	---	5024452	FDSN	PL	--	BUD	ILOC	BHE	???	_			
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
MODS	1.72	274.4	Lg	11:41:19.874	-0.2	T__	---	5024453	FDSN	SK	--	BUD	ILOC	HHN	???	_			

Event bud2020iwvr Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/06	08:44:00.71	0.27	1.03	48.5700	20.7557				0.0	0.0	16	0	88	0.16	1.31	sx	BUD	5027860	sysop			
2020/05/06	08:43:58.95	1.00	1.20	48.5861	20.7599	4.3	3.1	17	0.0f		18	10	89	0.17	1.30	sx	KRSZO	1	KRSZO			126
#PRIME																						
(locality : Dvorniky-Vcelare Slovakia)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	7 BUD	5027860
ML	1.7	0.2	7 KRSZO	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	
JOS	0.17	238.4	Pg	08:44:02.777	0.2					T__		437.7		---	ML	1.4	5027869	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.17	238.4	Lg	08:44:05.800	0.3					T__				---		5027870	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
KECS	0.21	240.6	Pg	08:44:03.229	-0.1					T__	1261.3			---	ML	2.0	5027861	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.21	240.6	Lg	08:44:07.073	0.3					T__				---		5027862	FDSN	SK	--	BUD	ILOC	EHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=0)																									
ABAH	0.43	132.1	Pg	08:44:08.317	0.5					T__	146.7			---	ML	1.7	5027863	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
ABAH	0.43	132.1	Lg	08:44:14.630	-0.6					T__				---		5027864	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HU02A	0.49	198.7	Pg	08:44:08.941	-0.4					T__	43.5			---	ML	1.3	5027871	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.49	198.7	Lg	08:44:16.148	-1.1					T__				---		5027872	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
PSZ	0.88	221.2	Pg	08:44:17.510	-0.1					T__	68.8			---	ML	1.8	5027865	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.88	221.2	Lg	08:44:30.713	-0.1					T__				---		5027873	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
PSZI	0.88	221.2	I	08:49:01.211	3.7	43.9	3.3			TA_				---		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
NIE	0.89	340.2	Pn	08:44:18.281	0.5					T__	31.5			---	ML	1.5	5027866	FDSN	PL	--	BUD	ILOC	BHZ	BHZ	_
NIE	0.89	340.2	Sn	08:44:30.933	-2.2					T__				---		5027867	FDSN	PL	--	BUD	ILOC	BHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
LANS	1.02	304.0	Pg	08:44:19.048	-0.1					T__	45.1			---	ML	1.7	5027868	FDSN	SK	--	BUD	ILOC	EHZ	EHZ	_
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
HOLU	1.08	92.5	Pn	08:44:20.171	-0.1					T__				---		5027874	FDSN	UA	--	BUD	ILOC	MHZ	???	_	

STZU	1.30	70.0	Pn	08:44:24.365	0.6					T__						5027875	FDSN	UA	--	BUD	ILOC	MHZ	???	_
STZU	1.30	70.0	Sn	08:44:44.055	0.6					T__						5027876	FDSN	UA	--	BUD	ILOC	MHZ	???	_

Event bud2020jani Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/05/08	08:33:20.00	1.07	0.54	48.0000	19.4000				0.0	0.0	10	0	268	0.40	1.21	kx	BUD	5033496	sysop				
2020/05/08	08:33:19.36			47.9151	19.4088				0.0							kx	BUD_GT	1	BUD				
2020/05/08	08:33:19.36	0.95	1.03	47.9665	19.4201	3.7	2.7	164	0.0f		13	7	168	0.14	0.92	kx	KRSZO	1	KRSZO			246	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	2.2	0.4	5 BUD	5033496
ML	1.8	0.2	5 KRSZO	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	
HU03A	0.14	117.4	Pg	08:33:23.100	0.5					T__		3012.0		___	ML	2.2	5033497	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.14	117.4	Lg	08:33:24.900	-0.3					T__				___		5033504	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
HU10A	0.30	246.0	Pg	08:33:25.800	0.0					T__		720.8		___	ML	2.0	5033505	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.30	246.0	Lg	08:33:30.900	-0.1					T__				___		5033506	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
ET1H	0.32	105.9	Pg	08:33:26.300	-0.1					T__		82.8		___	ML	1.1	5033500	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
ET1H	0.32	105.9	Lg	08:33:31.500	-0.1					T__				___		5033501	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
PSZI	0.32	98.5	I	08:35:00.695	-2.7	270.9	-8.0			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.32	98.4	Pg	08:33:26.700	0.0					T__		231.8		___	ML	1.6	5033498	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.32	98.4	Lg	08:33:32.500	0.2					T__				___		5033499	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
HU01A	0.64	167.7	Lg	08:33:42.700	-0.3					T__				___		5033506	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
JOS	0.92	54.3	Pg	08:33:38.700	1.1					T__		67.0		___	ML	1.8	5033502	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.92	54.3	Lg	08:33:50.200	-1.2					T__				___		5033503	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									

Event bud2020jgbi Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/05/11	09:19:00.73	1.51	0.33	47.7161	18.8723				0.0	0.0	6	0	328	0.16	1.36	kx	BUD	5038883	sysop				
2020/05/11	09:19:02.32			47.7791	19.0372				0.0							kx	BUD_GT	1	BUD				
2020/05/11	09:19:02.32	1.09	0.89	47.7976	19.0530	4.4	2.8	61	0.0f		8	4	256	0.05	1.22	kx	KRSZO	1	KRSZO			336	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.2	3 BUD	5038883

ML 1.7 0.2 3 KRSZO 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
HU10A	0.05	334.1	Pg	09:19:03.874	-0.0					T__		2861.6		___ ML	1.9	5038885	FDSN	ZJ	00	BUD	ILOC	HHN	HHZ	_
HU10A	0.05	334.1	Lg	09:19:05.152	-0.3					T__				___		5038886	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
HU03A	0.38	73.7	Pg	09:19:10.444	-0.2					T__		132.2		___ ML	1.5	5038884	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.38	73.7	Lg	09:19:17.268	0.5					T__				___		5038889	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
PSZI	0.58	77.7	I	09:22:10.549	-1.6	254.2	-4.1			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
JOS	1.22	54.4	Pn	09:19:26.178	0.7					T__		37.3		___ ML	1.7	5038887	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	1.22	54.4	Sn	09:19:44.462	0.7					T__				___		5038888	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								

Event bud2020jhtd Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/05/12	07:25:59.86	0.38	0.85	47.8602	19.8550				0.0	0.0	11	0	132	0.06	1.03	sx	BUD	5038958	sysop				
2020/05/12	07:25:57.80	0.96	0.77	47.8551	19.8738	3.3	0.3	11	0.0f		13	8	134	0.06	1.02	sx	KRSZO	1	KRSZO			221	
(#PRIME) (locality : Gyöngyöstarján Hungary)																							

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.2	4 BUD	5038958
ML	1.9	0.2	4 KRSZO	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
PSZI	0.06	11.9	I	07:26:16.306	-2.1	194.9	3.0			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.06	12.4	Pg	07:25:59.932	0.0					T__		5970.1		___ ML	2.3	5038959	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.06	12.4	Lg	07:26:02.095	0.2					T__				___		5038960	FDSN	GE	--	BUD	ILOC	HHE	???	_
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=1)																								
HU03A	0.19	284.9	Pg	07:26:02.277	0.1					T__		824.4		___ ML	1.7	5038965	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.19	284.9	Lg	07:26:05.916	0.3					T__				___		5038966	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																								
HU02A	0.51	58.3	Pg	07:26:08.736	0.0					T__		109.1		___ ML	1.8	5038961	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.51	58.3	Lg	07:26:16.576	-0.5					T__				___		5038968	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
HU01A	0.54	198.7	Lg	07:26:17.725	-0.4					T__				___		5038969	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
KECS	0.75	32.9	Lg	07:26:24.537	0.3					T__				___		5038963	FDSN	SK	--	BUD	ILOC	EHE	???	_
JOS	0.78	34.5	Pn	07:26:14.104	-0.8					T__		105.6		___ ML	2.0	5038967	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.78	34.5	Lg	07:26:25.662	0.4					T__				___		5038962	FDSN	ZJ	--	BUD	ILOC	HHN	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
ABAH	1.02	63.8	Lg	07:26:33.557	-0.4					T__				___		5038964	FDSN	HU	--	BUD	ILOC	HHE	???	_

Event bud2020jhul Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/12	08:06:04.08	0.57	0.37	47.6677	19.0829				0.0	0.0	8	0	169	0.18	1.40		kx BUD	5039014	sysop			
2020/05/12	08:06:04.68			47.8355	19.1270				0.0								kx BUD_GT	1	BUD			
2020/05/12	08:06:04.68	1.05	2.89	47.8365	19.1538	3.5	2.6	74	0.0f		9	6	195	0.09	1.37		kx KRSZO	1	KRSZO			213

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	3 BUD	5039014
ML	1.7	0.1	3 KRSZO	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
HU0A	0.09	275.5	Pg	08:06:07.276	0.2					T__		1549.1		___ ML	1.7	5039015	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																								
PSZI	0.50	80.4	I	08:08:56.133	6.8	259.7	-1.3			TA_				___	1		FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.51	80.4	Pg	08:06:15.569	-0.2					T__		58.8		___ ML	1.5	5039018	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.51	80.4	Lg	08:06:23.916	0.0					T__				___		5039016	FDSN	GE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																								
HU01A	0.58	147.1	Lg	08:06:19.404	-7.1					___				___		5039019	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
HU02A	0.96	72.3	Lg	08:06:38.853	-1.1					T__				___		5039017	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
JOS	1.14	54.1	Pn	08:06:27.607	0.8					T__		36.9		___ ML	1.7	5039020	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	1.14	54.1	Sn	08:06:44.454	0.2					T__				___		5039021	FDSN	ZJ	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																								
MODS	1.37	293.8	Sn	08:06:48.949	-1.6					T__				___		5039022	FDSN	SK	--	BUD	ILOC	HHN	???	_

Event bud2020jjpm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/05/13	07:51:48.94	1.66	0.77	45.8301	18.4286				0.0	0.0	6	0	297	0.35	0.74		sx BUD	5040384	sysop				
2020/05/13	07:51:48.98	2.35	1.02	45.9049	18.4334	16.5	5.8	175	0.0f		7	5	282	0.30	2.25		sx KRSZO	1	KRSZO				293

(#PRIME)
(locality : Beremend Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.6	4 BUD	5040384
ML	1.5	0.8	4 KRSZO	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
KOVH	0.30	308.4	Pg	07:51:55.249	-0.3					T__		72.0		___ ML	1.0	5040388	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.30	308.4	Lg	07:51:59.202	-1.2					T__				___		5040389	FDSN	HU	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1)																								
MORH	0.34	25.2	Pg	07:51:56.301	-0.1					T__		59.6		___ ML	1.0	5040385	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.34	25.2	Lg	07:52:02.331	0.1					T__				___		5040386	FDSN	HU	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1)																								
A266A	0.63	349.4	Pg	07:52:01.980	-0.1					T__		146.0		___ ML	2.0	5040390	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1)																								

A265A 0.68 319.8 Pg 07:52:04.693 1.6 T__ 256.7 ___ ML 2.3 5040387 FDSN Z3 00 BUD ILOC HHZ HHZ _
 (Reading ML: 2.3 magdef=1
 (Station ML: 2.3 magdef=1
 PSZI 2.25 25.9 I 08:04:16.230 -999 210.8 3.8 _A_ ___ 1 FDSN HN -- BUD ILOC BDF ??? _

Event bud2020jlmf Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/14	08:29:18.09	0.36	1.69	46.8726	17.2562				0.0	0.0	14	0	147	0.11	1.08	kx	BUD	5040790	sysop			
2020/05/14	08:29:17.12			46.8548	17.2699				0.0							kx	BUD_GT	1	BUD			
2020/05/14	08:29:17.12	0.95	0.99	46.8879	17.3234	5.4	3.7	80	0.0f		12	7	116	0.14	2.03	kx	KRSZO	1	KRSZO			179

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

Magnitude	Err	Nsta	Author	OrigID
MLv	2.5	0.1	5 BUD	5040790
ML	2.5	0.1	6 KRSZO	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	
A261A	0.14	298.2	Pg	08:29:19.167	-1.3					___		12684.8		___	ML	2.8	5040793	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A261A	0.14	298.2	Lg	08:29:22.934	-0.3					T__				___		5040800	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
(Reading ML: 2.8 magdef=1 (Station ML: 2.8 magdef=0)																									
A263A	0.25	181.4	Pg	08:29:22.965	0.3					T__		3499.0		___	ML	2.5	5040803	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A263A	0.25	181.4	Lg	08:29:25.830	-0.9					T__				___		5040796	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1)																									
MPLH	0.32	27.5	Pg	08:29:21.417	-2.7					___		1609.7		___	ML	2.4	5040791	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.32	27.5	Lg	08:29:28.424	-1.1					T__				___		5040801	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=0)																									
TIH	0.39	88.0	Pg	08:29:23.744	-1.6					___		2028.3		___	ML	2.7	5040792	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1)																									
EGYH	0.53	0.6	Pg	08:29:28.667	0.4					T__		491.7		___	ML	2.5	5040804	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
EGYH	0.53	0.6	Lg	08:29:36.591	0.0					T__				___		5040795	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 2.5 magdef=1 (Station ML: 2.5 magdef=1)																									
A266A	0.74	118.9	Pg	08:29:31.631	-0.6					T__		338.7		___	ML	2.4	5040797	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A266A	0.74	118.9	Lg	08:29:45.498	2.3					T__				___		5040794	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1)																									
A267A	0.80	85.4	Lg	08:29:45.331	-0.7					T__				___		5040802	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
CSKK	0.80	53.0	Lg	08:29:46.877	0.4					T__				___		5040798	FDSN	HU	--	BUD	ILOC	HHE	???	_	
HU09A	1.04	43.5	Sn	08:29:54.356	0.3					T__				___		5040799	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
PSZI	2.03	58.5	I	08:40:16.848	-999	235.7	-4.7			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020jsuo Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/18	08:39:54.72	0.67	0.58	48.0027	18.8492				0.0	0.0	8	0	183	0.19	1.23	kx	BUD	5041113	sysop			
2020/05/18	08:39:57.12			47.8355	19.1270				0.0							kx	BUD_GT	1	BUD			

2020/05/18 08:39:57.12 0.97 1.29 47.8388 19.1349 2.9 2.6 47 0.0f 9 6 193 0.08 1.15 kx KRSZO 1 KRSZO 333
 (#PRIME)
 (locality : Sejce-Vác Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 MLv 2.1 0.2 3 BUD 5041113
 ML 2.0 0.9 3 KRSZO 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	
HU10A	0.08	274.7	Pg	08:39:59.401	0.2					T__		2941.2		___	ML	2.0	5041117	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.08	274.7	Lg	08:40:00.670	-0.5					T__				___		5041118	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
HU03A	0.32	78.1	Pg	08:40:04.097	-0.0					T__		160.2		___	ML	1.4	5041120	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.32	78.1	Lg	08:40:10.628	1.3					T__				___		5041121	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
PSZI	0.52	80.9	I	08:42:44.623	-1.3	262.5	1.0			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.52	80.9	Lg	08:40:16.509	-0.2					T__				___		5041116	FDSN	GE	--	BUD	ILOC	HHE	???	_	
SRO	0.55	267.7	Pg	08:40:02.250	-6.2					---		590.8		___	ML	2.6	5041119	FDSN	SK	--	BUD	ILOC	EHZ	EHZ	_
(Reading ML: 2.6 magdef=1 Station ML: 2.6 magdef=1)																									
HU02A	0.98	72.6	Lg	08:40:31.629	-1.1					T__				___		5041115	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
JOS	1.15	54.5	Sn	08:40:34.612	-2.3					T__				___		5041114	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_	

Event bud2020jsvm Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/18	09:07:06.72	0.25	0.77	48.4724	19.3744				0.0	0.0	17	0	101	0.59	1.78	sx	BUD	5041237	sysop			
2020/05/18	09:07:04.62	0.92	0.90	48.4635	19.3813	4.6	3.3	16	0.0f		19	11	101	0.58	1.79	sx	KRSZO	1	KRSZO			129

(#PRIME)
 (locality : Stozok Slovakia)

Magnitude Err Nsta Author OrigID
 MLv 1.8 0.1 6 BUD 5041237
 ML 1.8 0.1 6 KRSZO 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	
HU03A	0.58	165.3	Pg	09:07:17.019	0.2					T__		112.5		___	ML	1.9	5041244	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.58	165.3	Lg	09:07:26.302	0.8					T__				___		5041245	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
PSZ	0.64	147.6	Pn	09:07:20.060	-0.9					T__		68.6		___	ML	1.7	5041246	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.64	147.6	Lg	09:07:28.102	-0.3					T__				___		5041247	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									
PSZI	0.64	147.7	I	09:10:35.084	-2.1	320.3	-7.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
A335A	0.70	269.0	Pg	09:07:19.188	0.4					T__		180.9		___	ML	2.1	5041238	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A335A	0.70	269.0	Lg	09:07:28.972	-0.6					T__				___		5041239	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																									
KECS	0.74	88.1	Lg	09:07:30.762	0.4					T__				___		5041248	FDSN	SK	--	BUD	ILOC	EHN	???	_	

2020/05/18 11:04:22.05 0.98 0.80 48.2379 19.8905 3.8 1.6 173 0.0f 11 7 207 0.32 0.90 sx KRSZO 1 KRSZO 238
 (#PRIME)
 (locality : Bulhary Slovakia)

Magnitude Err Nsta Author OrigID
 MLv 1.8 0.1 3 BUD 5041409
 ML 1.7 0.1 3 KRSZO 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	
PSZ	0.32	179.5	Pg	11:04:29.335	0.1					T__		404.9		___	ML	1.8	5041410	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.32	179.5	Lg	11:04:34.992	0.2					T__				___		5041411	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
PSZI	0.32	179.6	I	11:06:04.007	-1.5	357.8	-1.8			TA_				___	1		FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU03A	0.39	210.4	Lg	11:04:36.728	0.3					T__				___		5041412	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
HU02A	0.44	105.0	Pg	11:04:31.572	0.1					T__		105.8		___	ML	1.5	5041413	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.44	105.0	Lg	11:04:38.039	-0.7					T__				___		5041415	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KECS	0.47	58.0	Lg	11:04:39.593	0.9					T__				___		5041418	FDSN	SK	--	BUD	ILOC	EHN	???	_	
JOS	0.50	58.9	Pg	11:04:32.318	0.1					T__		100.9		___	ML	1.7	5041414	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.50	58.9	Lg	11:04:39.017	-0.9					T__				___		5041416	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
ABAH	0.90	85.8	Lg	11:04:53.522	-0.7					T__				___		5041417	FDSN	HU	--	BUD	ILOC	HHE	???	_	

Event bud2020jujl Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/05/19	05:19:06.75	0.44	0.99	47.3005	17.6731				0.0	0.0	6	0	162	0.16	0.26	kx	BUD	5041439	sysop			
2020/05/19	05:19:05.24			47.3300	17.6350				0.0							kx	BUD_GT	1	BUD			
2020/05/19	05:19:05.24	1.00	1.00	47.2889	17.6416	5.3	3.8	129	0.0f		7	4	143	0.14	1.65	kx	KRSZO	1	KRSZO			234
#PRIME																						
(locality : Ugod Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID
 MLv 1.3 0.3 3 BUD 5041439
 ML 1.3 0.4 3 KRSZO 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	
MPLH	0.14	210.4	Pg	05:19:08.398	-0.3					T__		176.3		___	ML	0.9	5041440	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.14	210.4	Lg	05:19:12.601	1.0					T__				___		5041441	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
HU08A	0.24	53.3	Pg	05:19:11.141	0.6					T__		240.0		___	ML	1.3	5041445	FDSN	ZJ	00	BUD	ILOC	HHN	HHZ	_
HU08A	0.24	53.3	Lg	05:19:13.520	-1.6					T__				___		5041443	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
EGYH	0.25	301.4	Pg	05:19:10.771	-0.0					T__		448.9		___	ML	1.6	5041442	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
EGYH	0.25	301.4	Lg	05:19:15.362	0.1					T__				___		5041444	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

PSZI 1.65 66.7 I 05:27:50.748 -82.8 238.1 -10.3 _A_ --- 1 FDSN HN -- BUD ILOC BDF ??? _

Event bud2020oung Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/29	10:54:37.67	1.46	0.55	47.7849	20.2232	17.5	4.6	161	0.0	0.0	7	0	255	0.26	0.74	kx	BUD	5061293	scolv			
2020/07/29	10:54:37.24			47.8650	20.1529				0.0							kx	BUD_GT	1	BUD			
2020/07/29	10:54:37.24	1.01	3.64	47.8651	20.1456	3.8	0.9	108	0.0f		9	5	231	0.18	0.68	kx	KRSZO	1	KRSZO			253

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.3	3 BUD	5061293
ML	1.2	0.3	3 KRSZO	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	
PSZ	0.18	287.6	Pg	10:54:41.874	0.3					T__		477.8		___	ML	1.5	5061294	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.18	287.6	Lg	10:54:45.102	-0.1					T__				___		5061295	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
PSZI	0.18	287.4	I	10:55:25.647	-8.7	103.4	-3.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU02A	0.36	44.6	Pg	10:54:45.096	-0.0					T__		49.5		___	ML	1.0	5061296	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.36	44.6	Lg	10:54:50.146	-1.2					T__				___		5061297	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
HU03A	0.37	276.2	Lg	10:54:52.282	1.1					T__				___		5061299	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
JOS	0.68	22.5	Pn	10:54:52.486	-0.4					T__		21.8		___	ML	1.2	5061298	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.68	22.5	Lg	10:55:01.349	-0.0					T__				___		5061300	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									

Event bud2020ouoa Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/07/29	11:18:29.72	0.86	0.59	46.1197	21.5213	13.6	4.0	100	0.0	0.0	8	0	223	0.18	1.14	sx	BUD	5061324	scolv					
2020/07/29	11:18:29.34	1.00	0.67	46.1208	21.6683	6.7	3.2	79	0.0f		10	5	142	0.15	2.17	sx	KRSZO	1	KRSZO					193

(#PRIME)
(locality : Lipova Romania)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.3	4 BUD	5061324
ML	1.4	0.4	4 KRSZO	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	
SIRR	0.15	357.7	Pg	11:18:32.941	0.1					T__		253.2		___	ML	1.1	5061327	FDSN	RO	--	BUD	ILOC	HHZ	HHZ	_
SIRR	0.15	357.7	Lg	11:18:35.840	0.0					T__				___		5061328	FDSN	RO	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
BZS	0.51	184.1	Pg	11:18:39.503	0.1					T__		30.3		___	ML	1.2	5061329	FDSN	RO	--	BUD	ILOC	HHN	HHZ	_
BZS	0.51	184.1	Lg	11:18:46.315	-0.4					T__				___		5061330	FDSN	RO	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									

DRGR	0.98	46.7	Pg	11:18:48.787	-0.2	T__	41.4	___	ML	1.7	5061325	FDSN	RO	--	BUD	ILOC	HHZ	HHZ	_
DRGR	0.98	46.7	Lg	11:19:04.002	0.5	T__		___			5061326	FDSN	RO	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
GZR	1.06	132.8	Pn	11:18:51.393	0.5	T__	48.8	___	ML	1.8	5061331	FDSN	RO	--	BUD	ILOC	HHZ	HHZ	_
GZR	1.06	132.8	Sn	11:19:06.035	-1.4	T__		___			5061332	FDSN	RO	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
PSZI	2.17	326.6	I	11:32:09.480	-0.7	TA_		___		1		FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020owoi Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/30	13:43:31.47	0.46	0.45	47.8762	15.9717	11.4	4.8	102	7.3	6.1	7	0	146	0.09	1.22	sx	BUD	5061648	scolv			
2020/07/30	13:43:31.10	1.11	0.62	47.8973	16.0588	7.2	5.4	136	0.0f		8	5	121	0.14	2.58	sx	KRSZO	1	KRSZO			195
#PRIME																						
(locality : Durnbachtal Austria)																						

Magnitude	Err	Nsta	Author	OrigID
M	1.4	3	BUD	5061648
MLv	1.4	0.3	3	BUD
ML	1.5	0.2	3	KRSZO
				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	
CONA	0.14	283.2	Pg	13:43:33.649	-0.4					T__		353.8		___	ML	1.2	5061649	FDSN	OE	--	BUD	ILOC	HHE	HHZ	_
CONA	0.14	283.2	Lg	13:43:36.884	0.7					T__				___		5061650	FDSN	OE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.2 magdef=1)																									
(Station ML: 1.2 magdef=1)																									
ARSA	0.74	209.5	Pg	13:43:45.714	0.2					T__		39.3		___	ML	1.5	5061652	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
ARSA	0.74	209.5	Lg	13:43:54.788	-0.0					T__				___		5061651	FDSN	OE	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
MODS	0.95	59.3	Lg	13:44:04.724	-0.1					T__				___		5061653	FDSN	SK	--	BUD	ILOC	HHN	???	_	
KRUC	1.19	10.7	Pg	13:43:54.501	0.6					T__		31.4		___	ML	1.7	5061654	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
KRUC	1.19	10.7	Sn	13:44:10.386	-0.9					T__				___		5061655	FDSN	CZ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
PSZI	2.58	88.1	I	13:57:22.947	-999	270.5	-0.5			_A_				___		1		FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020oxqx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/07/31	07:34:20.23	0.57	0.50	46.0604	18.0419	7.0	5.4	151	0.0	0.0	7	0	158	0.05	1.16	kx	BUD	5062023	scolv			
2020/07/31	07:34:19.09			46.1204	18.0243				0.0								kx	BUD_GT	1	BUD		
2020/07/31	07:34:19.09	1.04	0.34	46.1091	18.0567	6.7	4.5	152	0.0f		8	6	120	0.04	2.20	kx	KRSZO	1	KRSZO			216
#PRIME																						
(locality : Bükkösd-I Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.4	3	BUD
ML	1.7	0.4	3	KRSZO
				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	
KOVH	0.04	124.8	Pg	07:34:20.654	0.1					T__		1949.1		___	ML	1.7	5062024	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.04	124.8	Lg	07:34:21.864	-0.2					T__				___		5062025	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
A273A	0.26	221.1	Pg	07:34:24.823	0.1					T__		835.4		___	ML	1.9	5062028	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
MORH	0.42	75.2	Pg	07:34:28.097	0.1					T__		41.1		___	ML	1.1	5062026	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.42	75.2	Lg	07:34:34.567	-0.3					T__				___		5062027	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
A266A	0.44	19.0	Lg	07:34:35.718	0.2					T__				___		5062029	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
MPLH	1.12	341.6	Lg	07:34:57.549	-0.6					T__				___		5062030	FDSN	HU	--	BUD	ILOC	HHN	???	_	
PSZI	2.20	34.1	I	07:50:37.600	144.5	209.1	-6.4			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020oyac Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2020/07/31	08:48:54.81	0.43	0.60	48.4804	19.1137	10.9	3.8	11	0.0	0.0	8	0	174	0.19	1.01	sx	BUD	5062054	scolv						
2020/07/31	08:48:53.04	0.99	1.97	48.4005	19.1401	4.0	3.4	167	0.0f		10	5	161	0.22	0.97	sx	KRSZO	1	KRSZO				310		
(#PRIME) (locality : Krupina Slovakia)																									

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	4 BUD	5062054
ML	1.5	0.1	4 KRSZO	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	0.22	294.9	Pg	08:48:57.891	0.1					T__		151.6		___	ML	1.1	5062055	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.22	294.9	Lg	08:49:00.758	-0.7					T__				___		5062056	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
PSZI	0.70	133.5	I	08:52:39.762	-4.6	310.4	-3.6			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.70	133.4	Pn	08:49:10.050	0.7					T__		51.5		___	ML	1.6	5062059	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.70	133.4	Lg	08:49:19.439	0.8					T__				___		5062060	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
JOS	0.94	83.6	Pn	08:49:12.052	-0.3					T__		26.0		___	ML	1.4	5062061	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.94	83.6	Sn	08:49:26.386	-1.4					T__				___		5062062	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
HU02A	0.97	106.2	Pn	08:49:14.184	1.3					T__		28.6		___	ML	1.5	5062057	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.97	106.2	Lg	08:49:26.914	-0.7					T__				___		5062058	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									

Event bud2020pfho Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/08/04	08:31:54.91	0.37	1.26	47.3993	18.7649	4.9	2.6	152	4.4	1.9	18	0	119	0.19	1.63	sx	BUD	5062652	scolv					
2020/08/04	08:31:54.25	0.85	2.71	47.4685	18.7325	5.0	2.5	158	0.0f		20	11	97	0.20	1.56	sx	KRSZO	1	KRSZO					164

(#PRIME)
 (locality : Etyek Hungary)

Magnitude Err Nsta Author OrigID
 MLv 1.7 0.2 6 BUD 5062652
 ML 1.7 0.2 8 KRSZO 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	
BUD	0.20	85.5	Pg	08:31:58.901	-0.0					T__		243.2		___	ML	1.2	5062660	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
BUD	0.20	85.5	Lg	08:32:03.543	0.7					T__				___		5062661	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0)																									
CSKK	0.34	252.0	Pg	08:32:00.731	-0.7					T__		440.6		___	ML	1.9	5062670	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.34	252.0	Lg	08:32:06.392	-1.2					T__				___		5062657	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=0)																									
HU10A	0.42	27.1	Pg	08:32:03.510	0.2					T__		127.9		___	ML	1.6	5062658	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.42	27.1	Lg	08:32:10.401	-0.1					T__				___		5062659	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
HU08A	0.55	266.4	Pg	08:32:06.335	0.8					T__		104.3		___	ML	1.8	5062662	FDSN	ZJ	00	BUD	ILOC	HHE	HHZ	_
HU08A	0.55	266.4	Lg	08:32:14.133	-0.5					T__				___		5062663	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
MPLH	0.86	250.2	Pn	08:32:12.914	0.3					T__		68.1		___	ML	1.8	5062664	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.86	250.2	Lg	08:32:26.143	1.7					T__				___		5062665	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									
PSZI	0.90	59.7	I	08:36:50.275	-9.8	244.6	4.0			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.90	59.7	Pn	08:32:13.641	0.3					T__		74.1		___	ML	1.9	5062653	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.90	59.7	Lg	08:32:27.817	0.6					T__				___		5062654	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
VYHS	1.03	3.8	Pn	08:32:14.719	-0.3					T__		16.9		___	ML	1.3	5062666	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	1.03	3.8	Lg	08:32:30.183	-0.0					T__				___		5062667	FDSN	SK	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																									
MORH	1.26	182.8	Sn	08:32:32.666	-3.7					T__				___		5062668	FDSN	HU	--	BUD	ILOC	HHN	???	_	
HU02A	1.37	60.9	Pn	08:32:18.059	-1.6					T__		21.1		___	ML	1.6	5062655	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	1.37	60.9	Sn	08:32:41.125	1.4					T__				___		5062656	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
JAVC	1.56	333.3	Sn	08:32:47.362	1.9					T__				___		5062669	FDSN	CZ	--	BUD	ILOC	HHE	???	_	

Event bud2020pfmj Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/04	10:57:54.01	1.81	0.50	46.9340	22.8834	18.9	10.9	179	0.0	0.0	6	0	310	0.19	1.57	sx	BUD	5062763	scolv			
2020/08/04	10:57:54.06	2.04	0.57	46.9012	22.8081	10.2	4.6	30	0.0f		8	5	242	0.13	2.23	sx	KRSZO	1	KRSZO			309

(#PRIME)
 (locality : Poieni Romania)

Magnitude Err Nsta Author OrigID

MLv 1.7 0.6 2 BUD 5062763

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
DRGR	0.13	211.3	Pg	10:57:57.137	0.1					T__		289.5		___ ML	1.1	5062765	FDSN	RO	--	BUD	ILOC	HHZ	HHZ	_
DRGR	0.13	211.3	Lg	10:57:59.557	0.0					T__				___		5062766	FDSN	RO	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																								
SIRR	1.01	231.7	Lg	10:58:28.356	-0.6					T__				___		5062764	FDSN	RO	--	BUD	ILOC	HHE	???	_
GZR	1.51	180.8	Pg	10:58:22.491	-0.2					T__		52.4		___ ML	2.1	5062767	FDSN	RO	--	BUD	ILOC	HHZ	HHZ	_
GZR	1.51	180.8	Sn	10:58:41.979	-1.1					T__				___		5062768	FDSN	RO	--	BUD	ILOC	HHN	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								
BZS	1.53	213.2	Lg	10:58:44.098	-0.1					T__				___		5062769	FDSN	RO	--	BUD	ILOC	HHN	???	_
PSZI	2.23	298.3	I	11:11:56.494	-0.2	117.1	1.0			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020pkto Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/07	08:17:04.09	1.45	0.57	47.9342	20.4971	18.7	4.9	132	0.0	0.0	7	0	262	0.19	0.56	sx	BUD	5063592	scolv			
2020/08/07	08:17:03.97	1.04	4.15	48.0055	20.3933	4.5	3.3	131	0.0f		9	5	218	0.15	0.50	sx	KRSZO	1	KRSZO			244

(#PRIME)
(locality : Egerbakta Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.1	3 BUD	5063592
ML	1.0	0.1	3 KRSZO	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
HU02A	0.15	37.1	Pg	08:17:07.105	-0.5					T__		175.4		___ ML	1.0	5063593	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.15	37.1	Lg	08:17:10.090	-0.5					T__				___		5063594	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
PSZ	0.35	255.6	Pg	08:17:12.958	1.2					T__		53.0		___ ML	1.0	5063599	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.35	255.6	Lg	08:17:16.193	-1.5					T__				___		5063598	FDSN	GE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
PSZI	0.35	255.6	I	08:18:46.351	-9.9	76.4	1.2			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
KECS	0.48	7.3	Lg	08:17:21.847	0.6					T__				___		5063597	FDSN	SK	--	BUD	ILOC	EHE	???	_
JOS	0.50	11.2	Pg	08:17:14.693	0.6					T__		16.5		___ ML	0.9	5063595	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.50	11.2	Lg	08:17:21.754	-0.1					T__				___		5063596	FDSN	ZJ	--	BUD	ILOC	HHN	???	_
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																								

Event bud2020pqok Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/08/10	12:29:40.62	0.33	1.74	47.9102	20.0937	4.8	3.1	137	0.0	0.0	10	0	110	0.13	0.66	kx	BUD	5063884	scolv				
2020/08/10	12:29:38.03			47.8650	20.1529				0.0								kx	BUD_GT	1	BUD			
2020/08/10	12:29:38.03	0.94	2.06	47.8729	20.1313	3.5	0.9	106	0.0f		12	8	114	0.17	0.68	kx	KRSZO	1	KRSZO			166	

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

Magnitude Err Nsta Author OrigID
 MLv 1.4 0.2 3 BUD 5063884
 ML 1.4 0.1 3 KRSZO 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	
PSZ	0.17	286.0	Pg	12:29:42.196	0.0					T__		805.7		___	ML	1.7	5063885	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.17	286.0	Lg	12:29:45.155	-0.4					T__				___		5063886	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1)																									
PSZI	0.17	285.8	I	12:30:35.513	4.0	107.9	2.3			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU23A	0.25	161.1	Lg	12:29:50.173	2.1					T__				___		5063894	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
HU03A	0.36	275.1	Lg	12:29:49.727	-1.9					T__				___		5063892	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
HU02A	0.36	46.5	Pg	12:29:44.741	-1.2					T__		110.6		___	ML	1.4	5063887	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.36	46.5	Lg	12:29:50.737	-1.5					T__				___		5063888	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
HU01A	0.63	213.4	Lg	12:30:02.946	1.5					T__				___		5063893	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
KECS	0.66	21.1	Lg	12:30:02.543	1.3					T__				___		5063891	FDSN	SK	--	BUD	ILOC	EHE	???	_	
JOS	0.68	23.5	Pg	12:29:51.617	-0.1					T__		26.7		___	ML	1.3	5063889	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.68	23.5	Lg	12:30:04.636	2.6					T__				___		5063890	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																									

Event bud2020ptwa Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/12	07:44:29.06	0.34	0.96	47.8099	19.0338	6.0	3.1	166	0.0	0.0	13	0	164	0.04	1.22	kx	BUD	5064136	scolv			
2020/08/12	07:44:26.91			47.7791	19.0372				0.0							kx	BUD_GT	1	BUD			
2020/08/12	07:44:26.91	0.92	1.37	47.7869	19.0535	3.2	2.8	64	0.0f		15	9	168	0.06	1.22	kx	KRSZO	1	KRSZO			175
#PRIME)																						
(locality : Dunabogdány Hungary)																						
(GT info : GT2 explosion)																						

Magnitude Err Nsta Author OrigID
 MLv 1.6 0.2 6 BUD 5064136
 ML 1.6 0.1 6 KRSZO 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	
HU10A	0.06	338.1	Pg	07:44:29.289	0.6					T__		3639.4		___	ML	2.0	5064141	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.06	338.1	Lg	07:44:30.460	0.0					T__				___		5064142	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0)																									
HU03A	0.39	72.2	Pg	07:44:36.041	0.8					T__		131.4		___	ML	1.5	5064143	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.39	72.2	Lg	07:44:42.642	1.2					T__				___		5064144	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
HU09A	0.48	252.1	Lg	07:44:44.546	-0.4					T__				___		5064148	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
PSZI	0.58	76.6	I	07:47:33.657	-3.8	254.0	-3.3			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.58	76.6	Pg	07:44:39.461	-0.1					T__		51.6		___	ML	1.5	5064145	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.58	76.6	Lg	07:44:46.904	-1.8					T__				___		5064146	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																									
VYHS	0.72	348.5	Pg	07:44:40.789	-0.9					T__		11.3		___	ML	1.0	5064147	FDSN	SK	--	BUD	ILOC	HHN	HHZ	_

(Reading ML: 1.0 magdef=1
 (Station ML: 1.0 magdef=0
 HU08A 0.84 245.5 Lg 07:44:56.615 -0.5 T__
 HU02A 1.04 70.7 Pg 07:44:48.581 0.2 T__ 34.9 ___ ML 1.6 5064137 FDSN ZJ 00 BUD ILOC HHZ HHZ _
 HU02A 1.04 70.7 Sn 07:45:03.572 -0.9 T__ ___ 5064138 FDSN ZJ 00 BUD ILOC HHN ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1
 JOS 1.22 54.0 Pg 07:44:51.553 0.4 T__ 28.8 ___ ML 1.6 5064139 FDSN ZJ -- BUD ILOC HHZ HHZ _
 JOS 1.22 54.0 Lg 07:45:09.700 -0.2 T__ ___ 5064140 FDSN ZJ -- BUD ILOC HHN ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=1

Event bud2020pxpl Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/14	08:58:27.24	0.31	2.10	48.8438	21.6070	5.0	3.1	179	0.0	0.0	15	0	133	0.45	1.47	sx	BUD	5064525	scolv			
2020/08/14	08:58:24.85	0.97	1.24	48.8524	21.5477	6.8	4.1	177	0.0f		16	9	135	0.49	1.45	sx	KRSZO	1	KRSZO			192

(#PRIME)
 (locality : Vechec Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.4	7 BUD	5064525
ML	1.9	0.2	7 KRSZO	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	0.49	80.1	Pg	08:58:34.231	-0.1					T__		43052.9		___	ML	4.3	5064537	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
KOLS	0.49	80.1	Lg	08:58:42.883	0.5					T__				___		5064538	FDSN	SK	--	BUD	ILOC	HHE	???	_	
(Reading ML: 4.3 magdef=1 (Station ML: 4.3 magdef=0																									
JOS	0.76	242.3	Pg	08:58:39.847	-0.0					T__		67.8		___	ML	1.8	5064526	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.76	242.3	Sn	08:58:54.325	-1.2					T__				___		5064540	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1																									
KECS	0.80	242.7	Pn	08:58:41.988	-0.2					T__		156.2		___	ML	2.1	5064531	FDSN	SK	--	BUD	ILOC	EHN	EHZ	_
KECS	0.80	242.7	Lg	08:58:53.192	0.7					T__				___		5064532	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1																									
TRPA	0.98	137.2	Pg	08:58:43.455	-0.3					T__		71.1		___	ML	1.9	5064533	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
TRPA	0.98	137.2	Sn	08:59:01.231	-0.0					T__				___		5064534	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
NIE	1.00	305.1	Pn	08:58:44.989	-0.3					T__		20.4		___	ML	1.4	5064529	FDSN	PL	--	BUD	ILOC	BHZ	BHZ	_
NIE	1.00	305.1	Sn	08:59:03.340	1.3					T__				___		5064530	FDSN	PL	--	BUD	ILOC	BHZ	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
HU02A	1.00	223.3	Pn	08:58:44.745	-0.4					T__		69.8		___	ML	1.9	5064527	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	1.00	223.3	Lg	08:58:58.921	-1.3					T__				___		5064528	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
LANS	1.40	283.1	Pg	08:58:51.895	-0.5					T__		57.6		___	ML	2.0	5064535	FDSN	SK	--	BUD	ILOC	EHZ	EHZ	_
LANS	1.40	283.1	Sn	08:59:15.013	3.2					T__				___		5064536	FDSN	SK	--	BUD	ILOC	EHZ	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=1																									

PSZ	1.44	230.3	Lg	08:59:16.669	1.9					T__						5064539	FDSN	GE	--	BUD	ILOC	HHE	???	_
PSZI	1.45	230.3	I	09:07:53.879	46.1	50.8	1.7			_A_						1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020pxum Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/08/14	11:31:17.25	0.45	1.60	48.0198	20.0381	7.8	3.7	129	0.0	0.0	7	0	171	0.14	0.58		kx BUD	5064651	scolv				
2020/08/14	11:31:12.36			47.8650	20.1529				0.0								kx BUD_GT	1	BUD				
2020/08/14	11:31:12.36	1.03	4.30	47.8587	20.1958	4.7	1.1	107	0.0f		8	4	246	0.21	0.68		kx KRSZO	1	KRSZO			266	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.2	0.2	3 BUD	5064651
ML	1.2	0.2	3 KRSZO	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	
PSZ	0.21	286.5	Pg	11:31:18.804	1.4					T__		595.5		___	ML	1.7	5064652	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.21	286.5	Lg	11:31:21.895	0.4					T__				___		5064653	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
PSZI	0.21	286.3	I	11:32:11.898	-8.7	103.7	-2.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU23A	0.22	170.6	Lg	11:31:31.421	9.8					___				___		5064657	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
HU02A	0.34	39.9	Pn	11:31:21.618	-3.0					T__		68.1		___	ML	1.1	5064654	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.34	39.9	Lg	11:31:27.247	1.4					T__				___		5064655	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
JOS	0.68	19.7	Pn	11:31:27.712	-0.2					T__		21.9		___	ML	1.2	5064656	FDSN	ZJ	--	BUD	ILOC	HHN	HHZ	_
JOS	0.68	19.7	Sn	11:31:38.521	-2.0					T__				___		5064658	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									

Event bud2020qddl Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/08/17	09:43:28.52	0.74	1.30	47.2408	18.3079	8.8	4.9	157	0.0	0.0	6	0	205	0.13	1.27		kx BUD	5065206	scolv				
2020/08/17	09:43:25.62			47.2302	18.2835				0.0								kx BUD_GT	1	BUD				
2020/08/17	09:43:25.62	1.17	2.12	47.2654	18.3885	5.4	4.0	154	0.0f		8	5	204	0.13	1.21		kx KRSZO	1	KRSZO			241	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.3	2 BUD	5065206

Sta	Dist	EvAz	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	318.3	Pg	09:43:28.961	0.1					T__		231.1		___	ML	1.0	5065207	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.13	318.3	Lg	09:43:31.775	-0.2					T__				___		5065208	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																									
HU08A	0.36	297.9	Lg	09:43:39.840	0.3					T__				___		5065212	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
MPLH	0.59	261.0	Pg	09:43:37.521	-0.2					T__		54.9		___	ML	1.6	5065209	FDSN	HU	--	BUD	ILOC	HHE	HHZ	_

MPLH 0.59 261.0 Lg 09:43:46.201 -0.6 T__ --- 5065210 FDSN HU -- BUD ILOC HHE ??? _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=0
 PSZI 1.21 56.8 I 09:50:26.290 -4.6 240.1 2.2 TA_ --- 1 FDSN HN -- BUD ILOC BDF ??? _
 PSZ 1.21 56.8 Lg 09:44:10.303 0.8 T__ --- 5065211 FDSN GE -- BUD ILOC HHN ??? _

Event bud2020qeuv Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/18	07:38:17.51	1.67	0.63	47.9388	20.4729	20.4	5.5	137	0.0	0.0	6	0	256	0.19	0.56	sx	BUD	5065308	scolv			
2020/08/18	07:38:16.41	1.03	1.17	47.9588	20.3941	4.6	1.8	85	0.0f		8	5	235	0.19	0.55	sx	KRSZO	1	KRSZO			253

(#PRIME)
 (locality : Egerbakta Hungary)

Magnitude Err Nsta Author OrigID
 MLv 1.2 0.1 2 BUD 5065308

Sta	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	28.2	Pg	07:38:21.016	0.2					T__		216.8		___	ML	1.2	5065309	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_	
HU02A	0.19	28.2	Lg	07:38:24.014	-0.4					T__				___		5065310	FDSN	ZJ	00	BUD	ILOC	HHN	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																										
PSZ	0.34	263.3	Lg	07:38:29.770	-0.1					T__				___		5065313	FDSN	GE	--	BUD	ILOC	HHN	???	_		
PSZI	0.34	263.2	I	07:40:04.314	-1.8	80.2	-2.7			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_		
KECS	0.53	6.6	Lg	07:38:35.039	-0.2					T__				___		5065314	FDSN	SK	--	BUD	ILOC	EHN	???	_		
JOS	0.55	10.2	Pg	07:38:28.229	0.8					T__		26.4		___	ML	1.2	5065311	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_	
JOS	0.55	10.2	Lg	07:38:34.173	-1.7					T__				___		5065312	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_		
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																										

Event bud2020qeym Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/08/18	09:29:37.46	2.43	0.30	47.6699	18.9684	36.6	6.7	30	0.7	7.6	8	0	285	0.18	1.34	kx	BUD	5065381	scolv				
2020/08/18	09:29:39.54			47.8355	19.1270				0.0							kx	BUD_GT	1	BUD				
2020/08/18	09:29:39.54	0.98	1.33	47.8253	19.1324	3.4	2.6	61	0.0f		10	7	205	0.08	1.16	kx	KRSZO	1	KRSZO				264

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

Magnitude Err Nsta Author OrigID
 MLv 1.5 0.2 4 BUD 5065381
 ML 1.4 0.2 4 KRSZO 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		
HU10A	0.08	284.6	Pg	09:29:41.611	-0.0					T__		1183.5		___	ML	1.6	5065382	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																										
HU03A	0.32	75.8	Pg	09:29:46.771	0.1					T__		59.5		___	ML	1.0	5065385	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_	
HU03A	0.32	75.8	Lg	09:29:52.951	1.0					T__				___		5065386	FDSN	ZJ	00	BUD	ILOC	HHE	???	_		
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1																										
PSZI	0.52	79.5	I	09:32:26.483	-3.2	260.6	0.6			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_		

PSZ	0.52	79.4	Lg	09:29:58.926	-0.4	T__									5065388	FDSN	GE	--	BUD	ILOC	HHN	???	_
VYHS	0.70	343.6	Lg	09:30:04.099	-0.1	T__									5065387	FDSN	SK	--	BUD	ILOC	HHN	???	_
HU02A	0.98	71.9	Pn	09:29:58.943	-0.6	T__		21.9							5065384	FDSN	ZJ	00	BUD	ILOC	HHE	HHZ	_
HU02A	0.98	71.9	Lg	09:30:14.644	-0.7	T__									5065389	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							
JOS	1.16	54.0	Pn	09:30:01.784	-0.1	T__		19.6							5065383	FDSN	ZJ	--	BUD	ILOC	HHN	HHZ	_
(Reading ML: 1.4 magdef=1)																							
(Station ML: 1.4 magdef=1)																							

Event bud2020qkme Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/08/21	10:05:15.92	0.31	0.73	47.5962	16.3460	3.6	3.3	40	0.0	0.0	12	0	77	0.17	1.15	sx	BUD	5066061	scolv				
2020/08/21	10:05:14.75	0.95	0.61	47.6079	16.3828	4.8	3.2	0	0.0f		14	10	73	0.14	2.39	sx	KRSZO	1	KRSZO			128	
(#PRIME)																							
(locality : Burgruine-Landsee Austria)																							

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.5	3 BUD	5066061
ML	1.6	0.6	3 KRSZO	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
SOP	0.14	57.5	Pg	10:05:17.840	-0.1					T__		194.4			1.0	5066062	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
SOP	0.14	57.5	Lg	10:05:20.562	0.2					T__						5066063	FDSN	HU	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.0 magdef=1)																								
(Station ML: 1.0 magdef=1)																								
A260A	0.39	145.9	Lg	10:05:28.681	0.1					T__						5066067	FDSN	Z3	00	BUD	ILOC	HHE	???	_
CONA	0.48	312.6	Pg	10:05:24.034	-0.3					T__		97.3			1.6	5066064	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.48	312.6	Lg	10:05:31.240	0.5					T__						5066065	FDSN	OE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.6 magdef=1)																								
(Station ML: 1.6 magdef=1)																								
EGYH	0.67	106.2	Lg	10:05:38.763	0.2					T__						5066068	FDSN	HU	--	BUD	ILOC	HHE	???	_
ARSA	0.68	238.8	Lg	10:05:36.842	0.2					T__						5066066	FDSN	OE	--	BUD	ILOC	HHN	???	_
A005B	0.77	351.2	Lg	10:05:41.174	0.1					T__						5066069	FDSN	Z3	00	BUD	ILOC	HHE	???	_
MODS	0.97	37.8	Lg	10:05:49.527	-0.0					T__						5066070	FDSN	SK	--	BUD	ILOC	HHN	???	_
HU08A	1.06	99.0	Pn	10:05:36.280	0.3					T__		85.8			2.0	5066071	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU08A	1.06	99.0	Sn	10:05:50.035	-1.7					T__						5066072	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
KOGS	1.16	184.5	Sn	10:05:53.347	-0.6					T__						5066073	FDSN	SL	--	BUD	ILOC	BHE	???	_
PSZI	2.39	81.2	I	10:20:20.000	0.5	267.7	3.9			TA_						1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020qkmg Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/08/21	10:06:49.52	0.35	0.39	48.4688	19.5586	5.3	3.6	28	0.0	0.0	9	0	115	0.48	0.73	sx	BUD	5066098	scolv				
2020/08/21	10:06:48.12	0.93	1.70	48.4525	19.5674	3.7	2.4	172	0.0f		11	6	117	0.49	0.72	sx	KRSZO	1	KRSZO			196	
(#PRIME)																							
(locality : Mytna Slovakia)																							

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	4 BUD	5066098

ML 1.4 0.2 4 KRSZO 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	0.49	275.1	Pg	10:06:58.395	0.2					T__		25.5		___	ML	1.1	5066101	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.49	275.1	Lg	10:07:04.812	-0.6					T__				___		5066102	FDSN	SK	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
PSZ	0.58	157.6	Pg	10:07:00.789	0.2					T__		43.0		___	ML	1.5	5066104	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.58	157.6	Lg	10:07:09.165	-0.4					T__				___		5066103	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
PSZI	0.58	157.7	I	10:10:02.142	4.5	336.2	-1.7			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
JOS	0.65	85.8	Pg	10:07:01.453	0.4					T__		31.7		___	ML	1.4	5066099	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.65	85.8	Lg	10:07:10.454	-0.4					T__				___		5066100	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
LANS	0.70	354.7	Lg	10:07:11.964	0.4					T__				___		5066105	FDSN	SK	--	BUD	ILOC	EHE	???	_	
HU02A	0.72	117.0	Pg	10:07:03.427	0.4					T__		47.3		___	ML	1.6	5066106	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.72	117.0	Lg	10:07:13.040	-1.3					T__				___		5066107	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									

Event bud2020qpwl Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/08/24	08:56:41.58	0.22	1.19	47.6804	18.5186	3.8	2.3	153	0.0	0.0	22	0	101	0.10	1.58	sx	BUD	5066617	scolv					
2020/08/24	08:56:39.43	0.82	2.97	47.6928	18.5353	3.9	2.4	165	0.0f		24	14	101	0.12	1.57	sx	KRSZO	1	KRSZO			156		
(#PRIME)																								
(locality : Bersekbánya-II Hungary)																								

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.2	8 BUD	5066617
ML	1.8	0.1	10 KRSZO	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	
HU09A	0.12	242.4	Pg	08:56:42.598	0.3					T__		3206.4		___	ML	2.1	5066623	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU09A	0.12	242.4	Lg	08:56:44.955	-0.0					T__				___		5066624	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
SRO	0.19	308.9	Pg	08:56:44.136	0.4					T__		3739.1		___	ML	2.4	5066625	FDSN	SK	--	BUD	ILOC	EHZ	EHZ	_
SRO	0.19	308.9	Lg	08:56:47.595	0.1					T__				___		5066626	FDSN	SK	--	BUD	ILOC	EHZ	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																									
HU10A	0.36	64.8	Pg	08:56:47.850	0.7					T__		220.1		___	ML	1.6	5066628	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.36	64.8	Lg	08:56:54.360	1.0					T__				___		5066629	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
HU08A	0.49	237.9	Lg	08:56:55.802	-1.9					T__				___		5066627	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
HU03A	0.75	73.2	Pg	08:56:55.041	-0.1					T__		54.5		___	ML	1.7	5066633	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
VYHS	0.83	14.0	Pn	08:56:58.152	0.7					T__		14.1		___	ML	1.1	5066618	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.83	14.0	Lg	08:57:08.304	-0.2					T__				___		5066634	FDSN	SK	--	BUD	ILOC	HHE	???	_	

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(Reading ML: 1.1 magdef=1
(Station ML: 1.1 magdef=0
MPLH 0.85 232.6 Pn 08:56:58.623 0.9 T__ 64.3 ___ ML 1.8 5066630 FDSN HU -- BUD ILOC HHZ HHZ _
MPLH 0.85 232.6 Sn 08:57:11.452 -0.6 T__ ___ 5066631 FDSN HU -- BUD ILOC HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
EGYH 0.86 251.7 Pn 08:56:59.133 1.3 T__ 210.3 ___ ML 2.3 5066632 FDSN HU -- BUD ILOC HHZ HHZ _
(Reading ML: 2.3 magdef=1
(Station ML: 2.3 magdef=0
PSZI 0.94 75.7 I 09:01:46.890 -12.9 257.6 0.9 TA_ ___ 1 FDSN HN -- BUD ILOC BDF ??? _
PSZ 0.94 75.7 Pg 08:56:59.986 0.6 T__ 82.2 ___ ML 1.9 5066621 FDSN GE -- BUD ILOC HHZ HHZ _
PSZ 0.94 75.7 Lg 08:57:13.294 -0.4 T__ ___ 5066622 FDSN GE -- BUD ILOC HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
MODS 1.08 309.4 Pn 08:57:01.154 -0.0 T__ ___ 5066635 FDSN SK -- BUD ILOC HHZ ??? _
MODS 1.08 309.4 Lg 08:57:15.921 -2.1 T__ ___ 5066636 FDSN SK -- BUD ILOC HHN ??? _
HU02A 1.41 71.5 Pg 08:57:07.771 -0.4 T__ 28.2 ___ ML 1.7 5066619 FDSN ZJ 00 BUD ILOC HHN HHZ _
HU02A 1.41 71.5 Lg 08:57:28.720 -0.8 T__ ___ 5066620 FDSN ZJ 00 BUD ILOC HHE ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
MORH 1.48 177.1 Pn 08:57:07.117 1.1 T__ 29.7 ___ ML 1.8 5066637 FDSN HU -- BUD ILOC HHZ HHZ _
MORH 1.48 177.1 Sn 08:57:25.908 -1.2 T__ ___ 5066638 FDSN HU -- BUD ILOC HHN ??? _
(Reading ML: 1.8 magdef=1
(Station ML: 1.8 magdef=1
JOS 1.57 58.4 Sn 08:57:30.624 1.2 T__ ___ 5066639 FDSN ZJ -- BUD ILOC HHZ ??? _

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Event bud2020qpyx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/24	10:11:43.79	0.57	0.99	48.0110	19.6586	9.0	3.6	155	0.0	0.0	8	0	185	0.11	1.10	kx	BUD	5066691	scolv			
2020/08/24	10:11:42.06			48.0061	19.6278				0.0							kx	BUD_GT	1	BUD			
2020/08/24	10:11:42.06	1.02	2.66	48.0067	19.6734	3.9	0.9	122	0.0f		9	5	183	0.11	1.09	kx	KRSZO	1	KRSZO			228

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.1	3 BUD	5066691
ML	1.6	0.1	3 KRSZO	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	
HU03A	0.11	205.7	Pg	10:11:45.499	0.6					T__		901.3		___	ML	1.6	5066692	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.11	205.7	Lg	10:11:48.077	0.9					T__				___		5066693	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
PSZI	0.17	120.9	I	10:12:43.803	6.2	297.9	-3.2			TA_				___	1		FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.17	120.6	Pg	10:11:46.025	-0.3					T__		462.9		___	ML	1.4	5066694	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.17	120.6	Lg	10:11:48.945	-0.9					T__				___		5066695	FDSN	GE	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU10A	0.47	250.1	Lg	10:11:58.457	-1.3					T__				___		5066696	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
HU02A	0.58	78.2	Pg	10:11:53.925	-0.4					___		64.2		___	ML	1.6	5066697	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.58	78.2	Lg	10:12:03.636	-0.1					T__				___		5066698	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	

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

ABAH 1.09 74.0 Sn 10:12:20.266 0.0 T__ ___ 5066699 FDSN HU -- BUD ILOC HHE ??? _

Event bud2020qqey Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/24	13:14:53.35	1.17	0.53	47.6611	20.2446	12.8	6.6	154	0.0	0.0	9	0	289	0.35	1.26	kx	BUD	5066749	scolv			
2020/08/24	13:14:55.11			47.8650	20.1529				0.0							kx	BUD_GT	1	BUD			
2020/08/24	13:14:55.11	1.03	2.05	47.8616	20.1730	4.0	1.0	108	0.0f		11	6	244	0.20	1.10	kx	KRSZO	1	KRSZO			265

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.3	5 BUD	5066749
ML	1.5	0.3	5 KRSZO	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	
PSZ	0.20	287.0	Pg	13:15:00.413	0.5					T__		696.5		___	ML	1.7	5066750	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.20	287.0	Lg	13:15:03.539	-0.2					T__				---		5066751	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
PSZI	0.20	286.8	I	13:15:53.761	-4.5	107.4	0.8			TA_				---		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU02A	0.35	42.1	Pg	13:15:02.849	0.0					T__		85.8		---	ML	1.2	5066752	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.35	42.1	Lg	13:15:08.977	0.1					T__				---		5066753	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0																									
KECS	0.66	18.5	Pn	13:15:09.113	-1.3					T__		82.4		---	ML	1.8	5066756	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.66	18.5	Sn	13:15:20.724	-2.1					T__				---		5066757	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=0																									
JOS	0.68	21.0	Pn	13:15:08.977	-1.8					T__		38.6		---	ML	1.5	5066754	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.68	21.0	Sn	13:15:21.601	-1.8					T__				---		5066755	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
VYHS	1.10	305.8	Pg	13:15:17.655	0.4					T__		12.8		---	ML	1.2	5066758	FDSN	SK	--	BUD	ILOC	HHE	HHZ	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									

Event bud2020qrvp Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/08/25	10:48:09.63	0.43	0.42	48.4808	19.5512	7.5	3.6	6	0.0	0.0	9	0	176	0.48	0.74	sx	BUD	5066935	scolv					
2020/08/25	10:48:08.30	0.96	1.06	48.4558	19.5654	4.2	2.4	171	0.0f		11	6	171	0.49	0.72	sx	KRSZO	1	KRSZO					288

(#PRIME)
(locality : Mytna Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.3	4 BUD	5066935
ML	1.4	0.0	4 KRSZO	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	0.49	274.8	Pg	10:48:18.602	0.3	T__	16.0	___	ML	0.9	5066938	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.49	274.8	Lg	10:48:25.052	-0.5	T__		___			5066939	FDSN	SK	--	BUD	ILOC	HHZ	???	_
(Reading ML: 0.9 magdef=1)																			
(Station ML: 0.9 magdef=1)																			
PSZ	0.58	157.6	Pg	10:48:21.061	0.3	T__	43.3	___	ML	1.5	5066940	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.58	157.6	Lg	10:48:29.467	-0.4	T__		___			5066941	FDSN	GE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
PSZI	0.58	157.7	I	10:51:21.538	2.5	338.5	0.6	TA_			1	FDSN	HN	--	BUD	ILOC	BDF	???	_
KECS	0.61	87.1	Lg	10:48:30.045	0.2	T__		___			5066942	FDSN	SK	--	BUD	ILOC	EHN	???	_
JOS	0.65	86.1	Pg	10:48:21.669	0.4	T__	38.9	___	ML	1.5	5066936	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.65	86.1	Lg	10:48:31.006	-0.1	T__		___			5066937	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
HU02A	0.72	117.2	Pg	10:48:23.462	0.2	T__	34.2	___	ML	1.4	5066943	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.72	117.2	Lg	10:48:33.193	-1.4	T__		___			5066944	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=1)																			

Event bud2020qrwc Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/25	11:02:41.08	0.29	0.95	48.2431	19.8616	3.9	3.2	97	0.0	0.0	12	0	83	0.33	1.21	sx	BUD	5066975	scolv			
2020/08/25	11:02:39.33	0.94	1.56	48.2426	19.8737	3.7	1.6	174	0.0f		14	8	81	0.32	1.21	sx	KRSZO	1	KRSZO			135
#PRIME																						
(locality : Siatorska-Bukovinka Slovakia)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.1	5 BUD	5066975
ML	1.8	0.1	5 KRSZO	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
PSZ	0.32	177.5	Pg	11:02:46.687	0.0	T__					408.7		___	ML	1.8	5066977	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.32	177.5	Lg	11:02:51.632	-0.6	T__							___			5066978	FDSN	GE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
PSZI	0.33	177.6	I	11:04:20.452	-4.0	357.5	-0.2			TA_			___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU03A	0.39	208.6	Pg	11:02:48.384	0.8	T__					198.3		___	ML	1.7	5066983	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.39	208.6	Lg	11:02:54.440	0.7	T__							___			5066984	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
HU02A	0.45	105.2	Pg	11:02:48.857	-0.1	T__					128.4		___	ML	1.7	5066979	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.45	105.2	Lg	11:02:55.669	-0.7	T__							___			5066980	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
JOS	0.51	60.0	Pg	11:02:49.659	0.0	T__					145.0		___	ML	1.9	5066981	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.51	60.0	Lg	11:02:58.693	1.2	T__							___			5066982	FDSN	ZJ	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
VYHS	0.74	290.4	Lg	11:03:03.717	-1.4	T__							___			5066976	FDSN	SK	--	BUD	ILOC	HHN	???	_
LANS	0.95	343.7	Pn	11:02:58.188	-0.9	T__					79.2		___	ML	1.9	5066985	FDSN	SK	--	BUD	ILOC	EHZ	EHZ	_
LANS	0.95	343.7	Sn	11:03:12.575	-2.1	T__							___			5066986	FDSN	SK	--	BUD	ILOC	EHE	???	_
(Reading ML: 1.9 magdef=1)																								

(Station ML: 1.9 magdef=0

NIE 1.21 13.3 Sn 11:03:20.838 -0.4 T__ ___ 5066987 FDSN PL -- BUD ILOC BHE ??? _

Event bud2020qtmi Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/26	08:23:23.06	0.36	0.98	47.8284	19.0942	4.8	3.4	179	0.0	0.0	11	0	107	0.05	1.17	kx	BUD	5067323	scolv			
2020/08/26	08:23:20.94			47.8355	19.1270				0.0							kx	BUD_GT	1	BUD			
2020/08/26	08:23:20.94	0.91	1.24	47.8377	19.1325	3.0	2.5	81	0.0f		13	8	110	0.08	1.15	kx	KRSZO	1	KRSZO			194

(#PRIME)

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.3	4 BUD	5067323
ML	1.7	0.2	4 KRSZO	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	
HU10A	0.08	275.6	Pg	08:23:23.319	0.3					T__		2478.1		___	ML	1.9	5067327	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.08	275.6	Lg	08:23:24.306	-0.6					T__				___		5067328	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU03A	0.32	78.0	Lg	08:23:33.351	0.1					T__				___		5067329	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
BUD	0.36	191.8	Lg	08:23:34.373	-0.7					T__				___		5067333	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
PSZI	0.52	80.8	I	08:26:06.920	-3.4	263.9	2.5			T__				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.52	80.8	Lg	08:23:39.745	-0.9					T__				___		5067334	FDSN	GE	--	BUD	ILOC	HHN	???	_	
VYHS	0.69	343.3	Pn	08:23:38.074	1.1					T__		18.4		___	ML	1.1	5067326	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.69	343.3	Lg	08:23:44.478	-0.7					T__				___		5067330	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
HU02A	0.98	72.6	Pg	08:23:41.565	0.5					T__		40.9		___	ML	1.7	5067325	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.98	72.6	Sn	08:23:56.754	-0.1					T__				___		5067331	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
JOS	1.15	54.5	Pg	08:23:43.787	0.1					T__		36.2		___	ML	1.7	5067324	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	1.15	54.5	Lg	08:24:01.895	0.5					T__				___		5067332	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									

Event bud2020qzar Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/08/29	09:19:06.65	0.52	1.46	48.0194	19.6757	7.5	3.6	151	0.0	0.0	7	0	161	0.13	0.75	kx	BUD	5068162	scolv				
2020/08/29	09:19:04.40			48.0061	19.6278				0.0							kx	BUD_GT	1	BUD				
2020/08/29	09:19:04.40	1.01	1.85	48.0143	19.6661	4.1	0.9	123	0.0f		9	6	161	0.12	0.76	kx	KRSZO	1	KRSZO				208

(#PRIME)

(locality : Nagylóc Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.0	2 BUD	5068162

Sta	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	202.0	Pg	09:19:06.926	-0.4	T__	659.7	___	ML	1.5	5068165	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.12	202.0	Lg	09:19:12.331	2.6	T__		___			5068166	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=0)																			
PSZI	0.18	122.2	I	09:20:06.153	3.6	297.7	-4.6	TA_			1	FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.18	121.9	Pg	09:19:08.332	-0.5	T__	407.6	___	ML	1.4	5068163	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.18	121.9	Lg	09:19:12.054	-0.4	T__		___			5068168	FDSN	GE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.4 magdef=1)																			
(Station ML: 1.4 magdef=0)																			
HU10A	0.47	249.0	Lg	09:19:21.917	-0.1	T__		___			5068164	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
HU02A	0.59	79.1	Lg	09:19:26.102	-0.1	T__		___			5068169	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
JOS	0.76	50.1	Lg	09:19:31.048	0.1	T__		___			5068167	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_

Event bud2020qzbn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/29	09:42:56.14	0.40	0.53	47.9947	19.6257	4.7	4.3	138	0.0	0.0	9	0	122	0.09	0.79	kx	BUD	5068192	scolv			
2020/08/29	09:42:54.65			48.0061	19.6278				0.0							kx	BUD_GT	1	BUD			
2020/08/29	09:42:54.65	0.97	1.43	47.9944	19.6397	3.7	1.0	114	0.0f		11	6	116	0.09	0.78	kx	KRSZO	1	KRSZO			213
#PRIME)																						
(locality : Nagylóc Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.1	4 BUD	5068192
ML	1.3	0.1	4 KRSZO	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
HU03A	0.09	196.5	Pg	09:42:57.582	0.5					T__		759.9	___	ML	1.4	5068193	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.09	196.5	Lg	09:42:58.818	-0.3					T__			___			5068194	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.4 magdef=1)																								
(Station ML: 1.4 magdef=1)																								
PSZI	0.19	114.1	I	09:43:57.904	3.1	297.4	3.1			TA_			___		1		FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.19	113.9	Pg	09:42:59.469	0.2					T__		261.1	___	ML	1.2	5068195	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.19	113.9	Lg	09:43:02.467	-0.4					T__			___			5068196	FDSN	GE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
HU02A	0.61	77.5	Pg	09:43:07.208	-0.2					T__		30.0	___	ML	1.3	5068197	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.61	77.5	Lg	09:43:16.091	-1.1					T__			___			5068198	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
VYHS	0.73	313.2	Lg	09:43:19.624	-0.8					T__			___			5068199	FDSN	SK	--	BUD	ILOC	HHN	???	_
JOS	0.78	49.8	Pg	09:43:12.146	1.9					T__		22.2	___	ML	1.3	5068200	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.78	49.8	Lg	09:43:21.141	-1.0					T__			___			5068201	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								

Event bud2020rcnc Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/31	06:59:35.58	0.41	1.54	47.8500	19.4012	7.7	2.6	175	0.0	0.0	18	0	190	0.14	1.52	kx	BUD	5068419	scolv			
2020/08/31	06:59:34.08			47.8920	19.4049				0.0							kx	BUD_GT	1	BUD			
2020/08/31	06:59:34.08	0.85	0.91	47.8986	19.4292	2.6	1.6	85	0.0f		20	10	171	0.11	1.52	kx	KRSZO	1	KRSZO			201

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

Magnitude Err Nsta Author OrigID
 MLv 1.8 0.2 6 BUD 5068419
 ML 1.8 0.2 8 KRSZO 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
HU03A	0.11	87.3	Pg	06:59:37.615	0.7					T__		1703.8		___ ML	1.9	5068426	FDSN	ZJ	00	BUD	ILOC	HHN	HHZ	_
HU03A	0.11	87.3	Lg	06:59:38.522	-0.7					T__				___		5068427	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
HU10A	0.28	259.2	Pg	06:59:39.744	-0.5					T__		788.8		___ ML	2.0	5068420	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.28	259.2	Lg	06:59:45.635	0.4					T__				___		5068421	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
PSZI	0.31	86.3	I	07:01:17.715	2.5	264.8	-1.8			TA_				___	1		FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.31	86.2	Pg	06:59:40.908	-0.3					T__		223.8		___ ML	1.5	5068422	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.31	86.2	Lg	06:59:46.312	-0.4					T__				___		5068423	FDSN	GE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
VYHS	0.72	326.6	Pg	06:59:48.686	-0.0					T__		20.0		___ ML	1.2	5068424	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.72	326.6	Lg	06:59:59.522	0.2					T__				___		5068425	FDSN	SK	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=0)																								
HU02A	0.77	72.7	Pg	06:59:49.138	-0.9					T__		55.6		___ ML	1.7	5068428	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.77	72.7	Sn	07:00:04.866	-0.1					T__				___		5068429	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
KECS	0.92	50.0	Pn	06:59:52.961	-0.1					T__		141.2		___ ML	2.2	5068430	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.92	50.0	Lg	07:00:06.585	0.4					T__				___		5068431	FDSN	SK	--	BUD	ILOC	EHE	???	_
(Reading ML: 2.2 magdef=1)																								
(Station ML: 2.2 magdef=0)																								
JOS	0.95	50.8	Pn	06:59:53.364	-0.2					T__		47.4		___ ML	1.7	5068432	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.95	50.8	Sn	07:00:08.388	-0.7					T__				___		5068433	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
ABAH	1.28	71.2	Pg	06:59:59.722	0.6					T__		56.8		___ ML	2.0	5068434	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
ABAH	1.28	71.2	Lg	07:00:20.434	1.6					T__				___		5068435	FDSN	HU	--	BUD	ILOC	HHN	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
MODS	1.52	289.0	Pn	07:00:02.031	0.2					T__				___		5068436	FDSN	SK	--	BUD	ILOC	HHZ	???	_
MODS	1.52	289.0	Sn	07:00:24.794	1.2					T__				___		5068437	FDSN	SK	--	BUD	ILOC	HHN	???	_

Event bud2020rcrn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/08/31	09:13:44.00	0.97	1.22	47.9100	19.4400	11.1	4.6	4	0.0	0.0	12	0	259	0.38	1.43	kx	BUD	5068594	scolv			
2020/08/31	09:13:42.94			47.9151	19.4088				0.0							kx	BUD_GT	1	BUD			
2020/08/31	09:13:42.94	0.92	1.24	47.9141	19.4492	2.9	1.5	88	0.0f		17	11	148	0.10	1.52	kx	KRSZO	1	KRSZO			159

(#PRIME)
 (Locality : Szanda Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
MLv 2.1 0.3 6 BUD 5068594
ML 2.0 0.0 7 KRSZO 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	
HU03A	0.10	95.8	Lg	09:13:47.542	-0.1					T__		3004.3		___	ML	2.1	5068595	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
ET1H	0.29	96.9	Pg	09:13:49.300	-0.1					T__		860.0		___	ML	2.0	5068600	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
ET1H	0.29	96.9	Lg	09:13:54.700	0.5					T__				___		5068601	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
HU10A	0.30	256.8	Pg	09:13:49.500	0.1					T__		860.0		___	ML	2.1	5068600	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
PSZI	0.30	89.1	I	09:15:15.947	-3.5	270.4	1.0			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.30	89.0	Pg	09:13:50.000	0.2					T__		231.6		___	ML	1.5	5068597	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.30	89.0	Lg	09:13:55.200	0.1					T__				___		5068598	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
VYHS	0.71	325.0	Lg	09:14:06.900	-1.1					T__				___		5068604	FDSN	SK	--	BUD	ILOC	HHN	???	_	
HU02A	0.75	73.5	Pg	09:13:58.300	-0.3					T__		76.4		___	ML	1.8	5068602	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.75	73.5	Lg	09:14:09.600	-0.8					T__				___		5068603	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
KECS	0.90	50.2	Pg	09:14:01.700	0.8					T__				___		5068604	FDSN	SK	--	BUD	ILOC	HHN	???	_	
JOS	0.93	51.0	Pg	09:14:02.000	0.5					T__		62.3		___	ML	1.8	5068605	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.93	51.0	Lg	09:14:15.100	-0.4					T__		62.3		___	ML	1.8	5068605	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
HU08A	1.14	245.5	Sn	09:14:21.900	-0.6					T__				___		5068606	FDSN	HU	--	BUD	ILOC	HHE	???	_	
JAVC	1.52	309.2	Pn	09:14:12.700	1.9					T__		62.3		___	ML	2.1	5068605	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JAVC	1.52	309.2	Sn	09:14:34.400	1.3					T__		62.3		___	ML	2.1	5068605	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																									

Event bud2020rcsa Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/08/31	09:28:47.06	0.37	1.02	47.0693	22.3957	6.3	4.2	43	8.8	3.1	13	0	153	0.35	1.90	sx	BUD	5068644	scolv					
2020/08/31	09:28:47.35	1.09	1.51	46.9608	22.3448	10.4	4.1	27	0.0f		15	9	143	0.30	1.96	sx	KRSZO	1	KRSZO			161		
(#PRIME) (locality : Tetchea Romania)																								

Magnitude Err Nsta Author OrigID
MLv 2.1 0.1 7 BUD 5068644
ML 2.1 0.2 7 KRSZO 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	
DRGR	0.30	123.8	Pg	09:28:54.012	0.3					T__		316.2		___	ML	1.6	5068645	FDSN	RO	--	BUD	ILOC	HHZ	HHZ	_
DRGR	0.30	123.8	Lg	09:28:58.838	-0.0					T__				___		5068646	FDSN	RO	--	BUD	ILOC	HHN	???	_	

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(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=0
HU24A 0.81 266.8 Sn 09:29:17.722 -0.9 T__
CJR 0.90 105.6 Pg 09:29:05.241 0.3 T__ 250.9 ___ ML 2.4 5068652 FDSN RO -- BUD ILOC HHZ HHZ _
CJR 0.90 105.6 Lg 09:29:18.503 -0.1 T__ ___ 5068653 FDSN RO -- BUD ILOC HHN ??? _
(Reading ML: 2.4 magdef=1
(Station ML: 2.4 magdef=0
BZS 1.44 200.8 Pg 09:29:15.039 -0.0 T__ 39.5 ___ ML 1.9 5068647 FDSN RO -- BUD ILOC HHZ HHZ _
BZS 1.44 200.8 Sn 09:29:33.844 -0.1 T__ ___ 5068648 FDSN RO -- BUD ILOC HHN ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
GZR 1.60 169.0 Pn 09:29:16.485 0.2 T__ 50.9 ___ ML 2.1 5068649 FDSN RO -- BUD ILOC HHZ HHZ _
GZR 1.60 169.0 Sn 09:29:39.551 1.2 T__ ___ 5068650 FDSN RO -- BUD ILOC HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1
HU02A 1.69 314.0 Pn 09:29:15.495 -1.7 T__ 30.1 ___ ML 1.9 5068654 FDSN ZJ 00 BUD ILOC HHZ HHZ _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
PSZ 1.92 300.8 Pn 09:29:18.784 -1.7 T__ 43.4 ___ ML 2.2 5068655 FDSN GE -- BUD ILOC HHZ HHZ _
(Reading ML: 2.2 magdef=1
(Station ML: 2.2 magdef=1
PSZI 1.92 300.8 I 09:40:51.629 3.1 112.2 -6.8 TA_ 1 FDSN HN -- BUD ILOC BDF ??? _
JOS 1.96 322.2 Pn 09:29:20.133 -0.7 T__ 34.2 ___ ML 2.1 5068656 FDSN ZJ -- BUD ILOC HHZ HHZ _
JOS 1.96 322.2 Sn 09:29:43.297 -3.0 T__ ___ 5068657 FDSN ZJ -- BUD ILOC HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=1

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Event bud2020retn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/01	12:30:25.24	0.98	1.18	47.8083	20.1837	12.5	4.5	169	0.0	0.0	9	0	244	0.22	1.13	kx	BUD	5068969	scolv			
2020/09/01	12:30:24.20			47.8650	20.1529				0.0							kx	BUD_GT	1	BUD			
2020/09/01	12:30:24.20	1.00	1.74	47.8742	20.1668	3.7	1.0	104	0.0f		11	6	224	0.19	1.09	kx	KRSZO	1	KRSZO			239

(#PRIME)
(Localty : Kisnána Hungary)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	5 BUD	5068969
ML	1.3	0.2	5 KRSZO	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	
PSZ	0.19	283.7	Pg	12:30:28.728	-0.1					T__		594.2		___	ML	1.6	5068970	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.19	283.7	Lg	12:30:31.858	-0.7					T__				___		5068971	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
PSZI	0.19	283.5	I	12:31:23.401	-1.6	104.6	1.3			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU02A	0.35	44.0	Pg	12:30:31.911	0.1					T__		75.1		___	ML	1.1	5068972	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.35	44.0	Lg	12:30:37.329	-0.4					T__				___		5068973	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0																									
JOS	0.67	21.7	Pn	12:30:37.749	-1.9					T__		27.6		___	ML	1.3	5068974	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.67	21.7	Sn	12:30:49.663	-2.5					T__				___		5068975	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	

(Reading ML: 1.3 magdef=1
 (Station ML: 1.3 magdef=1
 ABAH 0.83 59.2 Pn 12:30:42.205 0.3 T__ 45.5 ___ ML 1.6 5068976 FDSN HU -- BUD ILOC HHZ HHZ _
 (Reading ML: 1.6 magdef=1
 (Station ML: 1.6 magdef=0
 VYHS 1.09 305.3 Pg 12:30:49.223 3.1 T__ 11.2 ___ ML 1.2 5068978 FDSN SK -- BUD ILOC HHZ HHZ _
 VYHS 1.09 305.3 Lg 12:31:00.927 -1.0 T__ ___ 5068977 FDSN SK -- BUD ILOC HHZ ??? _
 (Reading ML: 1.2 magdef=1
 (Station ML: 1.2 magdef=1

Event bud2020rggq Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/02	08:16:23.00	0.91	1.00	47.8400	19.1300	11.1	4.7	122	0.0	0.0	10	0	249	0.09	1.17	kx	BUD	5069123	scolv			
2020/09/02	08:16:21.27			47.8355	19.1270				0.0							kx	BUD_GT	1	BUD			
2020/09/02	08:16:21.27	0.88	0.99	47.8095	19.1431	4.0	3.0	6	0.0f		17	11	88	0.09	1.16	kx	KRSZO	1	KRSZO			151

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	4 BUD	5069123
ML	1.5	0.1	8 KRSZO	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	
HU10A	0.09	293.1	Pg	08:16:24.100	0.5					T__		2703.8		___	ML	2.0	5069128	FDSN	ZJ	00	BUD	ILOC	HHN	HHZ	_
HU10A	0.09	293.1	Lg	08:16:25.200	-0.6					T__				___		5069129	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0																									
HU03A	0.32	72.8	Pg	08:16:29.600	1.3					T__				___		5069132	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
HU03A	0.32	72.8	Lg	08:16:33.500	-0.1					T__				___		5069132	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
ET1H	0.50	81.6	Pg	08:16:32.600	0.6					T__				___		5069132	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
ET1H	0.50	81.6	Lg	08:16:39.600	-0.1					T__				___		5069132	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
PSZI	0.52	77.6	I	08:20:01.860	51.8	249.6	-8.6			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.52	77.6	Pg	08:16:33.100	0.5					T__		49.4		___	ML	1.4	5069133	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.52	77.6	Lg	08:16:40.100	-0.8					T__				___		5069131	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
HU01A	0.57	145.0	Lg	08:16:41.800	-0.7					T__		34.3		___	ML	1.4	5069126	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=0																									
VYHS	0.72	343.4	Lg	08:16:45.600	-0.9					T__		34.3		___	ML	1.4	5069126	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
CSKK	0.75	233.5	Lg	08:16:47.700	-0.9					T__		34.3		___	ML	1.5	5069126	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU08A	0.91	245.8	Lg	08:16:53.100	-0.6					T__		34.3		___	ML	1.5	5069126	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU02A	0.98	70.9	Pg	08:16:41.900	0.4					T__		34.3		___	ML	1.6	5069126	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.98	70.9	Lg	08:16:54.800	-2.2					T__				___		5069127	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1																									

(Station ML: 1.6 magdef=1

JOS 1.16 53.2 Pg 08:16:44.300 0.0 T__ 26.3 ___ ML 1.6 5069124 FDSN ZJ -- BUD ILOC HHZ HHZ _

JOS 1.16 53.2 Sn 08:16:59.700 -1.6 T__ ___ 5069125 FDSN ZJ -- BUD ILOC HHZ ??? _

(Reading ML: 1.6 magdef=1

(Station ML: 1.6 magdef=1

Event bud2020rgje Hungary

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/09/02 09:33:52.13 0.72 1.15 47.3842 18.4310 9.9 4.5 154 0.0 0.0 5 0 198 0.12 1.12 sx BUD 5069153 scolv
2020/09/02 09:33:49.25 1.20 0.44 47.3999 18.4651 5.5 5.1 80 0.0f 6 5 194 0.14 1.10 sx KRSZO 1 KRSZO 213

(#PRIME)

(locality : Gánt Hungary)

Magnitude Err Nsta Author OrigID
MLv 1.2 0.0 1 BUD 5069153

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID Agy Deploy Ln Auth Rep PCh Ach L
CSKK 0.14 255.3 Pg 09:33:52.598 -0.1 T__ 375.9 ___ ML 1.3 5069154 FDSN HU -- BUD ILOC HHZ HHZ _
CSKK 0.14 255.3 Lg 09:33:55.833 -0.1 T__ ___ 5069155 FDSN HU -- BUD ILOC HHN ??? _

(Reading ML: 1.3 magdef=1

(Station ML: 1.3 magdef=0

HU09A 0.25 346.8 Lg 09:33:59.285 -0.1 T__ ___ 5069156 FDSN ZJ 00 BUD ILOC HHN ??? _
HU08A 0.37 275.1 Lg 09:34:04.203 0.7 T__ ___ 5069157 FDSN ZJ 00 BUD ILOC HHE ??? _
PSZI 1.10 61.2 I 09:42:49.880 161.1 243.8 1.5 _A ___ 1 FDSN HN -- BUD ILOC BDF ??? _
PSZ 1.10 61.2 Lg 09:34:29.047 0.2 T__ ___ 5069158 FDSN GE -- BUD ILOC HHN ??? _

Event bud2020rgpb Ukraine

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
2020/09/02 12:32:15.01 0.65 1.54 48.5497 22.9145 8.3 4.2 41 0.0 0.0 12 0 203 0.49 1.76 sx BUD 5069218 scolv
2020/09/02 12:32:12.61 1.28 1.64 48.5363 23.0005 7.1 4.7 161 0.0f 14 8 208 0.51 2.17 sx KRSZO 1 KRSZO 249

(#PRIME)

(locality : Klenovets Ukraine)

Magnitude Err Nsta Author OrigID
MLv 2.4 0.6 6 BUD 5069218
ML 2.3 0.2 6 KRSZO 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
TRPA 0.51 217.3 Pg 12:32:23.188 0.4 T__ 134.9 ___ ML 1.8 5069219 FDSN HU -- BUD ILOC HHZ HHZ _
TRPA 0.51 217.3 Lg 12:32:30.262 -1.3 T__ ___ 5069220 FDSN HU -- BUD ILOC HHN ??? _

(Reading ML: 1.8 magdef=1

(Station ML: 1.8 magdef=0

KOLS 0.62 309.8 Pg 12:32:25.081 0.4 T__ 53850.0 ___ ML 4.6 5069221 FDSN SK -- BUD ILOC HHZ HHZ _

(Reading ML: 4.6 magdef=1

(Station ML: 4.6 magdef=0

BMR 0.92 158.8 Pn 12:32:32.479 0.1 T__ 324.4 ___ ML 2.5 5069223 FDSN RO -- BUD ILOC HHZ HHZ _
BMR 0.92 158.8 Sn 12:32:46.734 -1.6 T__ ___ 5069224 FDSN RO -- BUD ILOC HHE ??? _

(Reading ML: 2.5 magdef=1

(Station ML: 2.5 magdef=1

ABAH 1.20 259.1 Pn 12:32:35.194 -0.6 T__ 164.2 ___ ML 2.4 5069225 FDSN HU -- BUD ILOC HHZ HHZ _
ABAH 1.20 259.1 Lg 12:32:52.302 -1.7 T__ ___ 5069222 FDSN HU -- BUD ILOC HHE ??? _

(Reading ML: 2.4 magdef=1
 (Station ML: 2.4 magdef=1
 JOS 1.64 269.5 Sn 12:33:05.088 0.1 T__
 HU02A 1.70 256.8 Pg 12:32:44.971 -0.9 T__ 40.4 ___ ML 2.1 5069227 FDSN ZJ 00 BUD ILOC HHZ HHZ _
 HU02A 1.70 256.8 Sn 12:33:07.221 0.4 T__ ___ 5069228 FDSN ZJ 00 BUD ILOC HHN ??? _
 (Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=1
 DRGR 1.76 186.5 Pg 12:32:50.542 3.5 T__ 60.6 ___ ML 2.3 5069229 FDSN RO -- BUD ILOC HHZ HHZ _
 DRGR 1.76 186.5 Sn 12:33:07.650 -1.0 T__ ___ 5069230 FDSN RO -- BUD ILOC HHN ??? _
 (Reading ML: 2.3 magdef=1
 (Station ML: 2.3 magdef=1
 PSZI 2.17 254.6 I 12:45:55.582 2.8 71.3 -1.0 TA_ ___ 1 FDSN HN -- BUD ILOC BDF ??? _

Event bud2020rhzz Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/03	07:11:37.10	1.56	0.37	47.8650	20.4952	17.4	6.2	141	0.0	0.0	7	0	273	0.26	0.63	sx	BUD	5069348	scolv			
2020/09/03	07:11:37.95	1.02	1.08	47.9732	20.3644	4.4	1.7	82	0.0f		9	5	224	0.18	0.54	sx	KRSZO	1	KRSZO			247

(#PRIME)
 (locality : Egerbakta Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.3	3 BUD	5069348
ML	1.3	0.3	3 KRSZO	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	
HU02A	0.18	35.8	Pg	07:11:42.264	-0.0					T__		185.7		___	ML	1.1	5069349	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.18	35.8	Lg	07:11:45.683	-0.2					T__				___		5069350	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=1																									
PSZ	0.32	260.3	Lg	07:11:49.924	-0.9					T__				___		5069353	FDSN	GE	--	BUD	ILOC	HHZ	???	_	
PSZI	0.32	260.3	I	07:13:24.206	2.4	77.6	-2.3			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
KECS	0.52	9.0	Pg	07:11:49.127	0.7					T__		93.8		___	ML	1.7	5069355	FDSN	SK	--	BUD	ILOC	EHN	EHZ	_
KECS	0.52	9.0	Lg	07:11:56.438	0.0					T__				___		5069354	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
JOS	0.54	12.5	Pg	07:11:48.951	0.2					T__		30.2		___	ML	1.3	5069351	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.54	12.5	Lg	07:11:56.973	-0.1					T__				___		5069352	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1																									

Event bud2020ricp Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/03	08:30:19.85	1.46	0.38	45.9779	17.9843	14.0	7.9	27	0.0	0.0	7	0	283	0.14	1.23	sx	BUD	5069402	scolv			
2020/09/03	08:30:20.55	1.29	0.32	46.0916	18.0261	4.9	4.4	66	0.0f		9	5	249	0.05	2.23	sx	KRSZO	1	KRSZO			287

(#PRIME)
 (locality : Bükkösd Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.5	3 BUD	5069402
ML	1.6	0.5	3 KRSZO	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	
KOVH	0.05	93.7	Pg	08:30:22.554	0.3					T__		1319.0		___	ML	1.6	5069403	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.05	93.7	Lg	08:30:23.889	-0.1					T__				___		5069404	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
MORH	0.45	73.8	Pg	08:30:29.846	-0.1					T__		30.5		___	ML	1.0	5069405	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.45	73.8	Lg	08:30:36.506	-0.6					T__				___		5069406	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
A266A	0.46	20.8	Pg	08:30:30.515	0.2					T__		197.8		___	ML	1.9	5069407	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A266A	0.46	20.8	Lg	08:30:37.813	0.1					T__				___		5069408	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
MPLH	1.13	342.9	Lg	08:30:59.779	-0.2					T__				___		5069409	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
PSZI	2.23	34.3	I	08:44:25.000	0.3	217.3	1.6			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020ricz Croatia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/03	08:41:43.69	0.90	0.95	45.4828	17.8265	12.1	4.3	155	0.0	0.0	10	0	244	0.64	1.70	sx	BUD	5069436	scolv			
2020/09/03	08:41:41.96	1.95	0.78	45.4882	17.8514	15.2	9.1	161	0.0f		11	6	245	0.62	2.81	sx	KRSZO	1	KRSZO			252

(#PRIME)
(locality : Podgorje Croatia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.3	5 BUD	5069436
ML	2.0	0.1	5 KRSZO	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	
KOVH	0.62	16.1	Pn	08:41:56.528	-0.4					T__		45.6		___	ML	1.5	5069437	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.62	16.1	Lg	08:42:04.260	0.1					T__				___		5069438	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
MORH	0.91	37.0	Pn	08:42:00.867	0.1					T__		43.5		___	ML	1.6	5069439	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.91	37.0	Lg	08:42:13.926	-0.3					T__				___		5069440	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
BEHE	1.24	323.0	Pn	08:42:05.892	0.3					T__		154.7		___	ML	2.4	5069441	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
BEHE	1.24	323.0	Sn	08:42:22.895	-0.1					T__				___		5069442	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 2.4 magdef=1 Station ML: 2.4 magdef=0)																									
PTJ	1.38	288.3	Pn	08:42:08.005	-0.2					T__		58.2		___	ML	2.0	5069444	FDSN	CR	--	BUD	ILOC	BHZ	BHZ	_
PTJ	1.38	288.3	Sn	08:42:25.666	-1.8					T__				___		5069443	FDSN	CR	--	BUD	ILOC	BHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
CRES	1.71	282.2	Pg	08:42:14.652	0.4					T__		35.3		___	ML	2.0	5069445	FDSN	SL	--	BUD	ILOC	BHZ	BHZ	_
CRES	1.71	282.2	Lg	08:42:38.638	-1.0					T__				___		5069446	FDSN	SL	--	BUD	ILOC	BHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
PSZI	2.81	29.3	I	08:57:20.338	-999	210.7	-0.1			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020ridt Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/03	09:05:29.54	0.69	1.13	47.2328	18.3037	6.9	4.7	155	0.0	0.0	11	0	206	0.09	1.28		kx BUD	5069477	scolv			
2020/09/03	09:05:26.81			47.2302	18.2835				0.0								kx BUD_GT	1	BUD			
2020/09/03	09:05:26.81	1.16	2.13	47.2389	18.3734	5.2	3.9	148	0.0f		13	8	207	0.13	1.23		kx KRSZO	1	KRSZO			243

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.2	4 BUD	5069477
ML	1.2	0.2	4 KRSZO	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	
MSW2	0.13	299.9	Pg	09:05:30.119	0.1					T__		438.3		___	ML	1.3	5069478	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MSW2	0.13	299.9	Lg	09:05:32.068	-0.9					T__				___		5069479	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=1)																									
CSKK	0.15	328.3	Pg	09:05:31.220	0.9					T__		203.4		___	ML	1.0	5069480	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.15	328.3	Lg	09:05:34.034	0.4					T__				___		5069481	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1)																									
MSW1	0.17	333.2	Lg	09:05:34.255	-0.3					T__				___		5069488	FDSN	HU	--	BUD	ILOC	HHE	???	_	
MSW3	0.22	310.7	Pg	09:05:32.013	0.2					T__		122.1		___	ML	1.0	5069482	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MSW3	0.22	310.7	Lg	09:05:35.225	-0.9					T__				___		5069483	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.0 magdef=1 (Station ML: 1.0 magdef=1)																									
HU08A	0.36	302.4	Lg	09:05:40.143	-0.7					T__				___		5069484	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
MPLH	0.57	263.4	Pg	09:05:38.328	-0.3					T__		38.7		___	ML	1.4	5069486	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.57	263.4	Lg	09:05:48.371	0.9					T__				___		5069485	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1)																									
PSZI	1.23	56.0	I	09:12:35.145	-6.4	237.9	0.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	1.23	56.0	Lg	09:06:11.588	0.1					T__				___		5069487	FDSN	GE	--	BUD	ILOC	HHN	???	_	

Event bud2020rrdb Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/08	06:58:07.09	0.28	0.54	48.4242	18.6574	4.2	3.0	9	0.0	0.0	14	0	92	0.14	1.28		sx BUD	5070429	scolv			
2020/09/08	06:58:05.06	0.86	2.07	48.3913	18.6467	3.6	3.1	14	0.0f		16	10	89	0.16	1.28		sx KRSZO	1	KRSZO			125

(#PRIME)
(locality : Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	6 BUD	5070429
ML	1.7	0.1	6 KRSZO	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	0.16	50.8	Pg	06:58:09.163	0.5					T__		208.0		___	ML	1.1	5070430	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.16	50.8	Lg	06:58:11.990	0.6					T__				___		5070431	FDSN	SK	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.1 magdef=1 (Station ML: 1.1 magdef=0)																									
A338A	0.42	207.7	Lg	06:58:21.929	0.9					T__				___		5070436	FDSN	Z3	00	BUD	ILOC	HH3	???	_	
HU10A	0.60	155.3	Lg	06:58:27.293	0.1					T__				___		5070437	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	

JAVC	0.80	306.2	Pg	06:58:21.379	-0.1	T__	69.0	___	ML	1.8	5070432	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
JAVC	0.80	306.2	Lg	06:58:32.925	-0.9	T__		___			5070433	FDSN	CZ	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
MODS	0.91	269.4	Pn	06:58:24.943	0.4	T__		---			5070434	FDSN	SK	--	BUD	ILOC	HHZ	???	_
MODS	0.91	269.4	Lg	06:58:36.554	-1.0	T__		---			5070435	FDSN	SK	--	BUD	ILOC	HHN	???	_
LANS	0.93	35.3	Pn	06:58:24.238	-0.6	T__	74.4	---	ML	1.9	5070438	FDSN	SK	--	BUD	ILOC	EHZ	EHZ	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
PSZI	0.96	119.1	I	07:03:25.046	-6.8	299.7	-0.3	TA_			1	FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.96	119.1	Pg	06:58:26.264	1.0	T__	55.4	---	ML	1.8	5070440	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.96	119.1	Lg	06:58:37.625	-2.0	T__		---			5070439	FDSN	GE	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.8 magdef=1)																			
(Station ML: 1.8 magdef=1)																			
JOS	1.26	84.6	Pg	06:58:30.068	0.1	T__	28.6	---	ML	1.7	5070441	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
HU02A	1.28	101.4	Pg	06:58:30.965	-0.3	T__	25.1	---	ML	1.6	5070442	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	1.28	101.4	Sn	06:58:48.165	-0.5	T__		---			5070443	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			

Event bud2020rrew Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/08	07:52:13.84	0.42	1.19	47.3659	18.3909	5.5	4.1	138	0.0	0.0	7	0	110	0.09	1.16	sx	BUD	5070470	scolv			
2020/09/08	07:52:12.21	1.28	1.71	47.3547	18.3032	6.1	5.0	150	0.0f		8	6	106	0.03	1.22	sx	KRSZO	1	KRSZO			188
#PRIME)																						
(locality : Gánt Hungary)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	2 BUD	5070470

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.03	286.2	Pg	07:52:13.516	-0.0					T__		1619.4		___	ML	1.6	5070471	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.03	286.2	Lg	07:52:15.436	0.4					T__				---		5070472	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=0)																									
HU09A	0.29	10.7	Pg	07:52:18.894	0.4					T__	229.1			___	ML	1.5	5070473	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU09A	0.29	10.7	Lg	07:52:22.964	-0.9					T__				---		5070474	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=0)																									
MPLH	0.55	250.7	Sn	07:52:35.391	-1.8					T__				---		5070475	FDSN	HU	--	BUD	ILOC	HHE	???	_	
MORH	1.16	168.3	Sn	07:52:51.329	-0.7					T__				---		5070477	FDSN	HU	--	BUD	ILOC	HHE	???	_	
PSZI	1.21	61.8	I	07:58:28.275	-51.0	244.4	1.5			_A_				---		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	1.22	61.8	Sn	07:52:51.066	-3.1					T__				---		5070476	FDSN	GE	--	BUD	ILOC	HHN	???	_	

Event bud2020rrgh Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/08	08:35:43.52	0.29	0.98	47.9579	20.0493	3.7	2.9	6	0.0	0.0	13	0	92	0.11	0.97	kx	BUD	5070504	scolv			
2020/09/08	08:35:41.23			47.8650	20.1529				0.0							kx	BUD_GT	1	BUD			
2020/09/08	08:35:41.23	0.89	1.21	47.9528	20.0668	4.9	2.7	167	0.0f		14	10	94	0.12	0.99	kx	KRSZO	1	KRSZO			128

(#PRIME)
 (Locality : Kisdána Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 MLv 1.8 0.4 4 BUD 5070504
 ML 1.9 0.4 4 KRSZO 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	
PSZ	0.12	253.5	Pg	08:35:44.390	-0.1					T__		3307.1		___	ML	2.2	5070506	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.12	253.5	Lg	08:35:46.474	-0.8					T__				___		5070507	FDSN	GE	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
PSZI	0.12	253.4	I	08:36:23.424	3.1	97.1	23.8			T__				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU03A	0.32	261.3	Lg	08:35:54.331	1.0					T__				___		5070505	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
HU23A	0.34	158.5	Lg	08:35:54.653	0.3					T__				___		5070512	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
HU02A	0.35	61.0	Pg	08:35:48.466	-0.4					T__		249.9		___	ML	1.7	5070510	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.35	61.0	Lg	08:35:54.778	-0.2					T__				___		5070511	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
TENKA	0.35	147.5	Lg	08:35:55.296	0.4					T__				___		5070513	FDSN	HU	--	BUD	ILOC	HHE	???	_	
ATAN3	0.39	150.5	Lg	08:35:56.334	0.1					T__				___		5070514	FDSN	HU	--	BUD	ILOC	HHN	???	_	
JOS	0.63	30.0	Lg	08:36:05.286	1.8					T__				___		5070515	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_	
HU10A	0.71	261.7	Pg	08:35:56.063	0.1					T__		147.6		___	ML	2.1	5070516	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.71	261.7	Lg	08:36:06.570	-0.9					T__				___		5070517	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
VYHS	0.99	303.8	Pn	08:36:01.761	0.4					T__		18.1		___	ML	1.3	5070508	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.99	303.8	Lg	08:36:15.043	-0.5					T__				___		5070509	FDSN	SK	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									

Event bud2020rrhg Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/08	09:04:30.97	0.49	0.68	47.5905	16.3782	6.4	3.7	154	0.0	0.0	12	0	187	0.15	1.47	sx	BUD	5070549	scolv			
2020/09/08	09:04:30.54	1.02	0.64	47.6081	16.3904	6.7	4.3	166	0.0f		13	7	157	0.14	2.38	sx	KRSZO	1	KRSZO			197

(#PRIME)
 (Locality : Burgruine-Landsee Austria)

Magnitude Err Nsta Author OrigID
 MLv 1.5 0.2 6 BUD 5070549
 ML 1.5 0.1 6 KRSZO 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	
SOP	0.14	56.4	Pg	09:04:33.543	-0.1					T__		148.3		___	ML	0.8	5070558	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
SOP	0.14	56.4	Lg	09:04:36.390	0.4					T__				___		5070559	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=0)																									
CONA	0.48	312.1	Pg	09:04:39.796	-0.4					T__		52.6		___	ML	1.4	5070550	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.48	312.1	Lg	09:04:46.450	-0.2					T__				___		5070551	FDSN	OE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									

ZST	0.10	80.7	Pg	10:02:14.666	0.2	T__	92403.6	___	ML	3.5	5070618	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
ZST	0.10	80.7	Lg	10:02:16.902	0.1	T__		___			5070619	FDSN	SK	--	BUD	ILOC	HHN	???	_
(Reading ML: 3.5 magdef=1)																			
(Station ML: 3.5 magdef=1)																			
MODS	0.29	47.8	Pg	10:02:18.217	-0.0	T__		___			5070616	FDSN	SK	--	BUD	ILOC	HHZ	???	_
MODS	0.29	47.8	Lg	10:02:22.846	-0.5	T__		___			5070617	FDSN	SK	--	BUD	ILOC	HHN	???	_
A004A	0.43	240.1	Lg	10:02:27.153	0.5	T__		___			5070621	FDSN	Z3	00	BUD	ILOC	HHN	???	_
SOP	0.57	208.5	Lg	10:02:30.191	-0.8	T__		___			5070622	FDSN	HU	--	BUD	ILOC	HHN	???	_
CONA	0.78	251.5	Pg	10:02:27.448	0.2	T__	33.8	___	ML	1.5	5070623	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.78	251.5	Lg	10:02:36.943	-0.5	T__		___			5070624	FDSN	OE	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.5 magdef=1)																			
(Station ML: 1.5 magdef=1)																			
JAVC	0.83	34.7	Pn	10:02:31.367	0.9	T__	54.4	___	ML	1.7	5070620	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			
A013A	1.05	264.2	Lg	10:02:45.668	0.1	T__		___			5070625	FDSN	Z3	00	BUD	ILOC	HHN	???	_
VYHS	1.29	75.2	Pg	10:02:37.925	0.0	T__	22.1	___	ML	1.6	5070626	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=1)																			
PSZI	1.99	96.5	I	10:13:07.920	-92.7	278.3	-0.4	_A			1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020rtdj Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/09	09:23:09.52	0.28	0.76	48.4209	19.1086	5.0	2.8	21	0.0	0.0	15	0	149	0.20	1.05		sx BUD	5070894	scolv			
2020/09/09	09:23:07.80	0.85	2.38	48.3946	19.1090	3.2	2.6	19	0.0f		17	9	144	0.21	1.06		sx KRSZO	1	KRSZO			150
#PRIME)																						
(locality : Krupina Slovakia)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	7 BUD	5070894
ML	1.9	0.0	7 KRSZO	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	0.21	298.8	Pg	09:23:12.507	0.3					T__		287.1		___	ML	1.3	5070903	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.21	298.8	Lg	09:23:15.775	0.1					T__				___		5070904	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=0)																									
HU10A	0.55	186.3	Lg	09:23:26.855	-1.4					T__				___		5070905	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
HU03A	0.59	146.0	Pg	09:23:21.101	0.9					T__	115.3			___	ML	1.9	5070906	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.59	146.0	Lg	09:23:29.919	0.8					T__				___		5070907	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZI	0.71	132.0	I	09:26:54.556	-8.6	311.5	-1.0			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.71	131.9	Pg	09:23:23.705	0.8					T__		92.9		___	ML	1.9	5070901	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.71	131.9	Lg	09:23:34.015	0.2					T__				___		5070902	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KECS	0.92	84.0	Pg	09:23:26.545	0.4					T__		348.1		___	ML	2.6	5070895	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.92	84.0	Lg	09:23:39.696	-0.2					T__				___		5070896	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
JOS	0.96	83.4	Pg	09:23:26.624	-0.1					T__		60.0		___	ML	1.8	5070897	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_

JOS 0.96 83.4 Lg 09:23:40.300 -0.8 T__ --- 5070898 FDSN ZJ -- BUD ILOC HHE ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=1
 HU02A 0.98 105.5 Pn 09:23:27.755 -0.2 T__ 47.2 ___ ML 1.7 5070899 FDSN ZJ 00 BUD ILOC HHZ HHZ _
 HU02A 0.98 105.5 Lg 09:23:42.142 -0.8 T__ ___ 5070900 FDSN ZJ 00 BUD ILOC HHN ??? _
 (Reading ML: 1.7 magdef=1
 (Station ML: 1.7 magdef=1
 JAVC 1.06 296.5 Pg 09:23:29.353 -0.0 T__ 63.2 ___ ML 1.9 5070908 FDSN CZ -- BUD ILOC HHZ HHZ _
 JAVC 1.06 296.5 Lg 09:23:44.607 -0.9 T__ ___ 5070909 FDSN CZ -- BUD ILOC HHN ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1

Event bud2020ruxa Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/10	08:27:12.50	1.21	0.48	47.6491	19.0382	12.9	6.6	23	0.0	0.0	9	0	291	0.20	1.31	kx	BUD	5071000	scolv			
2020/09/10	08:27:13.62			47.8355	19.1270				0.0							kx	BUD_GT	1	BUD			
2020/09/10	08:27:13.62	0.99	0.94	47.7941	19.1616	3.4	2.5	54	0.0f		11	6	222	0.11	1.16	kx	KRSZO	1	KRSZO			336

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	4 BUD	5071000
ML	1.7	0.2	4 KRSZO	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	
HU10A	0.11	298.0	Pg	08:27:16.450	0.1					T__		2112.0		___	ML	1.9	5071007	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.11	298.0	Lg	08:27:18.353	-0.4					T__				___		5071008	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
HU03A	0.31	69.4	Lg	08:27:27.190	1.5					T__				___		5071009	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
PSZI	0.51	75.6	I	08:30:01.326	1.8	261.6	5.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.51	75.6	Pg	08:27:23.845	-0.9					T__		58.4		___	ML	1.5	5071005	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.51	75.6	Lg	08:27:32.761	-0.2					T__				___		5071006	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
HU02A	0.97	69.8	Pg	08:27:34.208	0.5					T__		36.3		___	ML	1.6	5071003	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.97	69.8	Lg	08:27:48.594	-0.5					T__				___		5071004	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
JOS	1.16	52.2	Pg	08:27:36.759	0.2					T__		36.5		___	ML	1.7	5071001	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	1.16	52.2	Sn	08:27:53.775	0.1					T__				___		5071002	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									

Event bud2020ruxs Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/10	08:49:07.34	0.29	1.24	48.2762	21.2442	3.7	3.3	3	0.0	0.0	16	0	86	0.02	1.30	kx	BUD	5071047	scolv			
2020/09/10	08:49:05.48			48.2470	21.2460				0.0							kx	BUD_GT	1	BUD			
2020/09/10	08:49:05.48	0.93	1.08	48.2499	21.2246	4.1	3.8	63	0.0f		17	10	87	0.05	1.32	kx	KRSZO	1	KRSZO			152

(#PRIME)

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

Magnitude Err Nsta Author OrigID
 MLv 2.1 0.3 6 BUD 5071047
 ML 2.1 0.3 8 KRSZO 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	0.05	12.3	Pg	08:49:06.820	-0.2					T__		17816.8		___	ML	2.7	5071048	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
ABAH	0.05	12.3	Lg	08:49:07.964	-0.6					T__				___		5071049	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 2.7 magdef=1 Station ML: 2.7 magdef=1)																									
HU02A	0.49	255.0	Pg	08:49:15.157	-0.6					T__		149.2		___	ML	1.8	5071050	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.49	255.0	Lg	08:49:23.416	-0.3					T__				___		5071051	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
JOS	0.52	298.6	Pg	08:49:16.078	0.2					T__		127.9		___	ML	1.8	5071052	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.52	298.6	Lg	08:49:24.021	0.1					T__				___		5071053	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
KECS	0.55	295.6	Pg	08:49:17.089	0.6					T__		250.7		___	ML	2.2	5071054	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.55	295.6	Lg	08:49:24.874	0.0					T__				___		5071055	FDSN	SK	--	BUD	ILOC	EHE	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
HU05A	0.70	184.9	Lg	08:49:32.936	1.2					T__				___		5071056	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
TRPA	0.89	97.3	Pg	08:49:23.212	0.4					T__		112.1		___	ML	2.0	5071057	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
TRPA	0.89	97.3	Lg	08:49:35.784	-1.6					T__				___		5071058	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
PSZ	0.95	250.1	Pn	08:49:24.145	-1.0					T__		114.8		___	ML	2.1	5071060	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.95	250.1	Lg	08:49:39.715	-0.1					T__				___		5071061	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
PSZI	0.95	250.1	I	08:55:27.380	57.9	69.9	0.8			_A_				___		1		FDSN	HN	--	BUD	ILOC	BDF	???	_
KOLS	0.98	45.1	Pn	08:49:25.380	-0.1					T__		17715.3		___	ML	4.3	5071059	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 4.3 magdef=1 Station ML: 4.3 magdef=0)																									
NIE	1.32	332.8	Pn	08:49:33.488	3.1					T__		42.3		___	ML	1.9	5071062	FDSN	PL	--	BUD	ILOC	BHZ	BHZ	_
NIE	1.32	332.8	Sn	08:49:50.215	0.0					T__				___		5071063	FDSN	PL	--	BUD	ILOC	BHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									

Event bud2020rwwb Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/11	10:15:00.36	0.69	1.03	48.3135	19.8379	9.1	3.9	146	0.0	0.0	8	0	198	0.40	0.94	sx	BUD	5071327	scolv			
2020/09/11	10:14:58.68	1.04	0.53	48.2857	19.8558	4.4	1.8	171	0.0f		10	6	192	0.37	0.92	sx	KRSZO	1	KRSZO			248
#PRIME)																						
(locality : Velke-Dravce Slovakia)																						

Magnitude Err Nsta Author OrigID
 MLv 1.5 0.1 3 BUD 5071327
 ML 1.5 0.2 3 KRSZO 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	
PSZ	0.37	176.0	Pg	10:15:07.247	0.4					T__		138.0		___	ML	1.5	5071330	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.37	176.0	Lg	10:15:13.165	0.1					T__				___		5071331	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
PSZI	0.37	176.1	I	10:16:58.397	0.2	358.9	2.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU02A	0.48	109.8	Pg	10:15:08.839	0.0					T__		53.0		___	ML	1.3	5071332	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.48	109.8	Lg	10:15:15.414	-1.2					T__				___		5071333	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
JOS	0.50	65.0	Pg	10:15:09.023	0.2					T__		81.3		___	ML	1.6	5071328	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.50	65.0	Lg	10:15:16.630	0.1					T__				___		5071329	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.6 magdef=1)																									
(Station ML: 1.6 magdef=1)																									
HU10A	0.71	232.2	Lg	10:15:24.346	-0.5					T__				___		5071335	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
ABAH	0.92	88.8	Sn	10:15:32.610	-0.3					T__				___		5071334	FDSN	HU	--	BUD	ILOC	HHN	???	_	

Event bud2020rwxw Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/09/11	11:09:42.18	0.32	0.96	47.5882	16.3180	4.3	3.3	7	0.0	0.0	11	0	99	0.19	1.02	sx	BUD	5071361	scolv				
2020/09/11	11:09:41.05	0.91	3.73	47.6099	16.4003	4.8	3.1	173	0.0f		13	8	91	0.13	2.38	sx	KRSZO	1	KRSZO				163

(#PRIME)
(locality : Burgruine-Landsee Austria)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.3	3 BUD	5071361
ML	1.7	0.2	3 KRSZO	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	
SOP	0.13	55.4	Pg	11:09:44.231	0.2					T__		216.0		___	ML	1.0	5071362	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
SOP	0.13	55.4	Lg	11:09:46.723	0.4					T__				___		5071363	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=1)																									
A260A	0.39	147.5	Lg	11:09:55.254	0.5					T__				___		5071367	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
CONA	0.48	311.4	Pg	11:09:50.271	-0.5					T__		105.9		___	ML	1.7	5071364	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.48	311.4	Lg	11:09:57.069	-0.2					T__				___		5071365	FDSN	OE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
EGYH	0.66	106.6	Lg	11:10:05.432	0.9					T__				___		5071369	FDSN	HU	--	BUD	ILOC	HHN	???	_	
ARSA	0.70	239.2	Pg	11:09:53.680	-0.8					T__		85.9		___	ML	1.8	5071366	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
ARSA	0.70	239.2	Lg	11:10:02.898	-0.4					T__				___		5071368	FDSN	OE	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=1)																									
MPLH	0.89	119.2	Lg	11:10:11.905	-0.2					T__				___		5071370	FDSN	HU	--	BUD	ILOC	HHE	???	_	
MODS	0.96	37.3	Pn	11:10:03.526	2.2					T__				___		5071372	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
MODS	0.96	37.3	Lg	11:10:15.769	0.2					T__				___		5071371	FDSN	SK	--	BUD	ILOC	HHN	???	_	
PSZI	2.38	81.3	I	11:24:29.774	-11.5	262.5	-1.3			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020scfo 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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2020/09/14 08:43:27.27 0.48 0.67 46.1748 18.0889 7.7 3.8 124 0.0 0.0 7 0 162 0.09 0.39 kx BUD 5071766 scolv
 2020/09/14 08:43:25.84 46.1204 18.0243 0.0 kx BUD_GT 1 BUD
 2020/09/14 08:43:25.84 1.09 1.38 46.1703 18.0611 6.6 4.1 137 0.0f 8 5 167 0.09 2.15 kx KRSZO 1 KRSZO 219
 (#PRIME)
 (Locality : Bükkösd-I Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 MLv 1.6 0.5 3 BUD 5071766
 ML 1.8 0.1 3 KRSZO 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	
KOVH	0.09	161.7	Pg	08:43:28.419	0.2					T__		2015.3		___	ML	1.8	5071767	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.09	161.7	Lg	08:43:29.859	-0.5					T__				___		5071768	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
A273A	0.31	214.0	Pg	08:43:32.584	0.1					T__		574.1		___	ML	1.9	5071771	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A273A	0.31	214.0	Lg	08:43:37.801	0.7					T__				___		5071772	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
A266A	0.38	21.6	Lg	08:43:38.970	-1.4					T__				___		5071773	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
MORH	0.41	83.5	Pg	08:43:35.744	1.3					T__		42.0		___	ML	1.1	5071769	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.41	83.5	Lg	08:43:38.828	-2.3					T__				___		5071770	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
PSZI	2.15	35.0	I	08:57:50.581	51.0	217.5	1.2			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020scfz Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/14	08:56:44.66	0.43	0.83	48.4993	17.4965	10.8	3.9	132	0.0	0.0	7	0	139	0.19	1.23	sx	BUD	5071795	scolv			
2020/09/14	08:56:42.98	1.30	0.14	48.5156	17.4691	29.6	3.4	120	0.0f		8	5	139	0.19	1.73	sx	KRSZO	1	KRSZO			208

(#PRIME)
 (locality : Trstin Slovakia)

Magnitude Err Nsta Author OrigID
 MLv 1.5 0.3 3 BUD 5071795
 ML 1.4 0.3 3 KRSZO 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	
MODS	0.19	222.0	Pg	08:56:47.478	0.1					T__				___		5071796	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
MODS	0.19	222.0	Lg	08:56:50.845	-0.2					T__				___		5071797	FDSN	SK	--	BUD	ILOC	HHN	???	_	
JAVC	0.37	21.2	Pg	08:56:50.858	-0.0					T__		118.0		___	ML	1.4	5071798	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
JAVC	0.37	21.2	Lg	08:56:57.288	0.2					T__				___		5071799	FDSN	CZ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
VYHS	0.91	90.9	Pn	08:57:02.317	-0.0					T__		16.1		___	ML	1.2	5071802	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
CONA	1.23	241.9	Pn	08:57:07.018	-0.1					T__		41.8		___	ML	1.8	5071800	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	1.23	241.9	Sn	08:57:25.007	0.1					T__				___		5071801	FDSN	OE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									

PSZI 1.73 109.3 I 09:08:17.425 52.7 291.4 0.3 _A_ --- 1 FDSN HN -- BUD ILOC BDF ??? _

Event bud2020scih Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/14	10:05:50.98	0.43	1.18	48.7314	20.8168	4.9	4.2	62	0.0	0.0	13	0	142	0.30	1.34	sx	BUD	5071867	scolv			
2020/09/14	10:05:52.66	1.07	1.10	48.5511	20.7852	4.8	2.9	14	0.0f		14	8	200	0.17	1.30	sx	KRSZO	1	KRSZO			221

(#PRIME)

(locality : Dvorniky-Vcelare Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	6 BUD	5071867
ML	1.4	0.1	6 KRSZO	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	
JOS	0.17	251.4	Pg	10:05:56.456	0.1					T__		381.8		___	ML	1.4	5071868	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.17	251.4	Lg	10:05:59.539	0.3					T__				___		5071869	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
KECS	0.21	251.3	Pg	10:05:57.028	-0.1					T__		896.4		___	ML	1.8	5071871	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.21	251.3	Lg	10:06:01.301	0.8					T__				___		5071870	FDSN	SK	--	BUD	ILOC	EHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
ABAH	0.40	130.0	Pg	10:06:00.835	0.0					T__		73.1		___	ML	1.3	5071872	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
ABAH	0.40	130.0	Lg	10:06:07.278	-0.5					T__				___		5071873	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU02A	0.46	202.1	Pg	10:06:02.894	0.4					T__		41.6		___	ML	1.2	5071874	FDSN	ZJ	00	BUD	ILOC	HHE	HHZ	_
HU02A	0.46	202.1	Lg	10:06:10.022	0.0					T__				___		5071875	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																									
PSZ	0.87	223.6	Lg	10:06:23.774	-0.3					T__				___		5071877	FDSN	GE	--	BUD	ILOC	HHZ	???	_	
PSZI	0.87	223.6	I	10:10:42.714	-3.1	43.1	0.2			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
NIE	0.92	339.9	Lg	10:06:13.460	-9.8					___				___		5071876	FDSN	PL	--	BUD	ILOC	BHZ	???	_	
TRPA	1.24	109.1	Pg	10:06:16.684	0.1					T__		48.6		___	ML	1.9	5071878	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=0)																									
VYHS	1.30	268.2	Pg	10:06:17.592	-1.1					T__		15.9		___	ML	1.4	5071879	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	1.30	268.2	Sn	10:06:35.522	-1.1					T__				___		5071880	FDSN	SK	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									

Event bud2020sfzc Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/09/16	10:00:51.57	0.34	0.68	48.1584	16.9520	5.3	3.4	147	0.0	0.0	12	0	152	0.11	1.33	sx	BUD	5072561	scolv				
2020/09/16	10:00:50.63	0.95	4.58	48.1853	16.9403	5.1	3.3	4	0.0f		14	8	129	0.11	2.00	sx	KRSZO	1	KRSZO				154

(#PRIME)

(locality : Hainburg Austria)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.8	5 BUD	5072561
ML	1.4	0.0	5 KRSZO	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	
ZST	0.11	84.3	Pg	10:00:52.846	-0.6					T__		114093.0		___	ML	3.7	5072564	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
ZST	0.11	84.3	Lg	10:00:55.134	-0.7					T__				___		5072565	FDSN	SK	--	BUD	ILOC	HHN	???	_	
(Reading ML: 3.7 magdef=1)																									
(Station ML: 3.7 magdef=0)																									
MODS	0.29	50.0	Pg	10:00:56.383	-0.7					T__				___		5072562	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
MODS	0.29	50.0	Lg	10:01:01.236	-1.1					T__				___		5072563	FDSN	SK	--	BUD	ILOC	HHE	???	_	
CONA	0.77	250.8	Lg	10:01:16.089	0.2					T__				___		5072568	FDSN	OE	--	BUD	ILOC	HHZ	???	_	
KRUC	0.95	337.8	Pg	10:01:09.481	0.6					T__		25.2		___	ML	1.4	5072566	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
KRUC	0.95	337.8	Lg	10:01:23.775	0.9					T__				___		5072567	FDSN	CZ	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
VRAC	1.15	348.6	Pg	10:01:13.088	0.7					T__		7.7		___	ML	1.0	5072571	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
VRAC	1.15	348.6	Lg	10:01:29.789	0.6					T__				___		5072572	FDSN	CZ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
VYHS	1.30	75.6	Pn	10:01:16.586	1.1					T__		15.0		___	ML	1.4	5072573	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1)																									
(Station ML: 1.4 magdef=1)																									
ARSA	1.34	226.2	Pn	10:01:15.920	-0.3					T__		44.9		___	ML	1.9	5072569	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
ARSA	1.34	226.2	Lg	10:01:34.357	1.1					T__				___		5072570	FDSN	OE	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
PSZI	2.00	96.6	I	10:13:39.119	15.0	278.5	-0.3			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020shof Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/17	06:46:36.50	1.36	0.21	45.9728	18.0255	14.4	7.6	16	0.0	0.0	6	0	284	0.13	1.24	kx	BUD	5072648	scolv			
2020/09/17	06:46:37.11			46.1204	18.0243				0.0							kx	BUD_GT	1	BUD			
2020/09/17	06:46:37.11	1.17	0.72	46.1001	18.0596	5.8	4.4	110	0.0f		8	4	228	0.03	2.21	kx	KRSZO	1	KRSZO			281

(#PRIME)
(locality : Bükkösd-I Hungary)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.5	3 BUD	5072648
ML	1.3	0.4	3 KRSZO	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	
KOVH	0.03	112.9	Pg	06:46:38.658	0.2					T__		905.4		___	ML	1.3	5072649	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.03	112.9	Lg	06:46:39.920	0.0					T__				___		5072650	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.3 magdef=1)																									
(Station ML: 1.3 magdef=1)																									
MORH	0.42	74.0	Pg	06:46:45.976	-0.0					T__		42.5		___	ML	1.1	5072651	FDSN	HU	--	BUD	ILOC	HHE	HHZ	_
MORH	0.42	74.0	Lg	06:46:52.314	-0.6					T__				___		5072652	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
MPLH	1.13	341.7	Pg	06:46:59.899	0.1					T__		137.5		___	ML	2.3	5072653	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	1.13	341.7	Lg	06:47:16.311	-0.2					T__				___		5072654	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									

PSZI 2.21 33.9 I 07:00:35.000 1.5 215.1 -0.2 TA_ --- 1 FDSN HN -- BUD ILOC BDF ??? _

Event bud2020sjmy Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/18	08:24:34.27	0.63	0.78	46.0989	18.3257	9.8	4.5	160	0.0	0.0	5	0	204	0.16	0.43	sx	BUD	5073152	scolv			
2020/09/18	08:24:32.89	1.02	0.66	46.1480	18.3005	6.2	3.0	145	0.0f		7	4	172	0.15	2.08	sx	KRSZO	1	KRSZO			282

(#PRIME)

(locality : Komló Hungary)

Magnitude	Err	Nsta	Author	OrigID	
M	1.2	2	BUD	5073152	
MLv	1.2	0.3	2	BUD	5073152

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
KOVH	0.15	246.9	Pg	08:24:36.469	-0.1					T__		429.4		___	ML	1.4	5073153	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.15	246.9	Lg	08:24:39.731	0.2					T__				___		5073154	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
MORH	0.25	74.2	Pg	08:24:38.468	0.1					T__		102.7		___	ML	1.0	5073155	FDSN	HU	--	BUD	ILOC	HHE	HHZ	_
MORH	0.25	74.2	Lg	08:24:42.663	-0.2					T__				___		5073156	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																									
A266A	0.38	356.3	Lg	08:24:47.547	0.3					T__				___		5073157	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
PSZI	2.08	31.0	I	08:37:37.038	-1.3	210.7	-1.5			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020sjok Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/09/18	09:08:32.52	0.40	0.81	47.4277	18.7833	6.5	2.8	158	0.0	0.0	15	0	182	0.17	1.07	sx	BUD	5073259	scolv				
2020/09/18	09:08:30.65	0.90	1.69	47.4152	18.7764	3.9	2.6	164	0.0f		17	10	186	0.18	1.08	sx	KRSZO	1	KRSZO				198

(#PRIME)

(locality : Etyek Hungary)

Magnitude	Err	Nsta	Author	OrigID	
MLv	1.7	0.2	6	BUD	5073259
ML	1.7	0.2	8	KRSZO	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	
BUD	0.18	67.8	Pg	09:08:35.272	0.3					T__		321.7		___	ML	1.3	5073266	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
BUD	0.18	67.8	Lg	09:08:37.849	-0.8					T__				___		5073267	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
HU09A	0.35	310.1	Pg	09:08:39.376	1.3					T__		243.3		___	ML	1.7	5073260	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU09A	0.35	310.1	Lg	09:08:42.545	-1.8					T__				___		5073261	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
CSKK	0.35	261.7	Pg	09:08:37.916	-0.3					T__		384.2		___	ML	1.9	5073262	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.35	261.7	Lg	09:08:43.834	-0.8					T__				___		5073263	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
HU10A	0.46	20.8	Pg	09:08:40.566	0.1					T__		137.1		___	ML	1.7	5073264	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.46	20.8	Lg	09:08:47.430	-0.8					T__				___		5073265	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	

Magnitude Err Nsta Author OrigID
 MLv 1.4 0.2 2 BUD 5073402

Sta	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	243.7	Pg	08:39:01.784	0.1					T__		640.2		___ ML	1.5	5073403	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.15	243.7	Lg	08:39:04.729	0.1					T__				___		5073404	FDSN	HU	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0)																								
MORH	0.25	76.1	Pg	08:39:03.782	0.2					T__		196.1		___ ML	1.3	5073405	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.25	76.1	Lg	08:39:07.491	-0.5					T__				___		5073406	FDSN	HU	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0)																								
A266A	0.37	356.8	Lg	08:39:11.692	-0.4					T__				___		5073407	FDSN	Z3	00	BUD	ILOC	HHN	???	_
PSZI	2.07	31.2	I	08:52:03.032	1.3	211.6	-0.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020sozt Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/09/21	08:33:35.17	1.92	0.67	48.0827	19.3516	17.3	11.1	126	0.0	0.0	5	0	309	0.24	0.79		kx BUD	5073903		scolv				
2020/09/21	08:33:37.38			48.0061	19.6278				0.0								kx BUD_GT	1		BUD				
2020/09/21	08:33:37.38	1.94	1.15	48.0175	19.5798	12.4	1.2	115	0.0f		6	4	266	0.11	0.64		kx KRSZO	1		KRSZO			325	
(#PRIME) (locality : Nagylóc Hungary) (GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID
 MLv 1.8 0.2 2 BUD 5073903

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
HU03A	0.11	173.3	Pg	08:33:40.500	0.3					T__		418.0		___ ML	1.2	5073904	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.11	173.3	Lg	08:33:41.749	-0.8					T__				___		5073905	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0)																								
PSZI	0.23	115.2	I	08:34:41.458	-11.0	296.2	0.8			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.23	115.0	Pg	08:33:42.604	-0.3					T__		342.9		___ ML	1.5	5073906	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.23	115.0	Lg	08:33:48.699	1.5					T__				___		5073907	FDSN	GE	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0)																								
HU02A	0.64	80.3	Lg	08:34:00.078	-1.0					T__				___		5073908	FDSN	ZJ	00	BUD	ILOC	HHE	???	_

Event bud2020sqwq Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/09/22	09:15:49.53	0.43	0.75	47.8398	19.1348	7.3	3.4	171	0.0	0.0	8	0	167	0.08	0.98		kx BUD	5074349		scolv				
2020/09/22	09:15:47.38			47.8355	19.1270				0.0								kx BUD_GT	1		BUD				
2020/09/22	09:15:47.38	0.95	1.98	47.8386	19.1427	3.1	2.6	80	0.0f		10	6	168	0.08	0.97		kx KRSZO	1		KRSZO			193	
(#PRIME) (locality : Sejce-Vác Hungary) (GT info : GT2 explosion)																								

Magnitude Err Nsta Author OrigID
 MLv 1.6 0.4 3 BUD 5074349

ML 1.8 0.4 3 KRSZO 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
HU10A	0.08	274.6	Pg	09:15:49.880	0.3					T__		3053.0		___ ML	2.0	5074350	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.08	274.6	Lg	09:15:50.985	-0.6					T__				___		5074351	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 2.0 magdef=1)																								
(Station ML: 2.0 magdef=1)																								
PSZI	0.51	80.8	I	09:18:38.972	4.5	263.5	2.1			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.51	80.8	Lg	09:16:06.693	-0.1					T__				___		5074352	FDSN	GE	--	BUD	ILOC	HHE	???	_
HU09A	0.55	249.0	Lg	09:16:08.030	0.1					T__				___		5074356	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
VYHS	0.69	342.7	Pn	09:16:02.655	-0.8					T__		20.3		___ ML	1.2	5074354	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.69	342.7	Lg	09:16:12.097	0.4					T__				___		5074355	FDSN	SK	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.2 magdef=1)																								
(Station ML: 1.2 magdef=1)																								
HU02A	0.97	72.5	Pg	09:16:07.971	0.6					T__		52.1		___ ML	1.8	5074357	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.97	72.5	Lg	09:16:20.527	-2.3					T__				___		5074353	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								

Event bud2020srbu Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/09/22	11:51:43.17	0.38	0.74	47.4244	16.2836	4.9	3.6	0	0.0	0.0	10	0	145	0.32	1.16	sx	BUD	5074417	scolv					
2020/09/22	11:51:40.96	1.23	2.15	47.3819	16.4319	7.5	3.6	156	0.0f		12	7	153	0.31	2.40	sx	KRSZO	1	KRSZO			209		
(#PRIME)																								
(locality : Unterkohlstatten Austria)																								

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	4 BUD	5074417
ML	1.7	0.1	4 KRSZO	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
SOP	0.31	15.8	Pg	11:51:47.908	0.4					T__		146.3		___ ML	1.3	5074420	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
SOP	0.31	15.8	Lg	11:51:52.366	0.2					T__				___		5074421	FDSN	HU	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.3 magdef=1)																								
(Station ML: 1.3 magdef=1)																								
ARSA	0.63	258.3	Pg	11:51:53.304	0.1					T__		94.9		___ ML	1.8	5074422	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
ARSA	0.63	258.3	Lg	11:52:00.261	-0.9					T__				___		5074423	FDSN	OE	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.8 magdef=1)																								
(Station ML: 1.8 magdef=1)																								
CONA	0.67	325.0	Pg	11:51:54.233	-0.0					T__		61.0		___ ML	1.7	5074418	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.67	325.0	Lg	11:52:02.768	-0.4					T__				___		5074419	FDSN	OE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MPLH	0.78	105.3	Pn	11:52:00.275	1.9					T__		82.7		___ ML	1.9	5074424	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.78	105.3	Sn	11:52:13.057	1.9					T__				___		5074425	FDSN	HU	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.9 magdef=1)																								
(Station ML: 1.9 magdef=1)																								
A013A	0.97	314.9	Lg	11:52:11.583	-0.7					T__				___		5074426	FDSN	Z3	00	BUD	ILOC	HHE	???	_
MODS	1.14	29.5	Sn	11:52:20.651	0.1					T__				___		5074427	FDSN	SK	--	BUD	ILOC	HHE	???	_
PSZI	2.40	75.8	I	12:06:44.618	-5.7	264.1	5.7			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020ssub Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/23	10:13:52.72	0.77	1.07	47.8428	16.1851	9.0	5.1	110	0.0	0.0	7	0	210	0.23	1.23	sx	BUD	5074642	scolv			
2020/09/23	10:13:50.76	1.07	1.42	47.9091	16.1647	8.1	4.4	2	0.0f		9	5	125	0.20	2.51	sx	KRSZO	1	KRSZO			206

(#PRIME)
(locality : Durnbachtal Austria)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	3 BUD	5074642
ML	1.4	0.2	3 KRSZO	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	
CONA	0.20	275.5	Pg	10:13:55.450	0.4					T__		167.9		___	ML	1.1	5074643	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.20	275.5	Lg	10:13:58.921	0.9					T__				___		5074644	FDSN	OE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																									
A018A	0.75	257.7	Pn	10:14:07.955	-0.7					T__		33.4		___	ML	1.4	5074645	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A018A	0.75	257.7	Sn	10:14:18.528	-2.2					T__				___		5074646	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																									
ARSA	0.79	213.6	Pg	10:14:06.748	0.7					T__		42.8		___	ML	1.6	5074648	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
ARSA	0.79	213.6	Lg	10:14:16.371	0.4					T__				___		5074647	FDSN	OE	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KRUC	1.16			10:14:32.736	2.3					T__				___		5074649	FDSN	CZ	--	BUD	ILOC	HHN	???	_	
PSZI	2.51	88.4	I	10:29:40.342	0.1	272.1	0.9			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020summ Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/24	08:40:01.50	0.48	1.04	47.7378	19.0412	6.4	3.3	0	0.0	0.0	13	0	185	0.11	1.34	kx	BUD	5074782	scolv			
2020/09/24	08:39:58.96			47.7791	19.0372				0.0							kx	BUD_GT	1	BUD			
2020/09/24	08:39:58.96	1.04	4.23	47.7369	19.0223	4.4	3.5	6	0.0f		15	9	184	0.11	1.33	kx	KRSZO	1	KRSZO			226

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.3	5 BUD	5074782
ML	1.9	0.0	5 KRSZO	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	
HU10A	0.11	358.7	Pg	08:40:02.083	0.4					T__		5124.8		___	ML	2.3	5074783	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.11	358.7	Lg	08:40:03.161	-0.9					T__				___		5074784	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.3 magdef=1 Station ML: 2.3 magdef=0)																									
HU03A	0.42	66.6	Lg	08:40:15.606	0.8					T__				___		5074788	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
HU09A	0.44	257.4	Lg	08:40:16.750	0.9					T__				___		5074789	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
PSZI	0.61	72.5	I	08:43:35.000	13.9	250.3	-2.9			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.62	72.5	Pg	08:40:12.223	-0.0					T__		90.5		___	ML	1.8	5074790	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.62	72.5	Lg	08:40:20.371	-1.6					T__				___		5074785	FDSN	GE	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									

VYHS	0.77	350.7	Pn	08:40:18.083	1.9	T__	22.5	___	ML	1.3	5074786	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.77	350.7	Sn	08:40:27.578	-2.4	T__		___			5074787	FDSN	SK	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.3 magdef=1)																			
(Station ML: 1.3 magdef=0)																			
HU02A	1.08	68.6	Pg	08:40:21.209	-0.0	T__	67.8	___	ML	1.9	5074791	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	1.08	68.6	Lg	08:40:36.319	-1.8	T__		___			5074792	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=1)																			
JOS	1.27	52.7	Pg	08:40:24.343	0.3	T__	57.4	___	ML	2.0	5074793	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	1.27	52.7	Lg	08:40:42.010	-1.5	T__		___			5074794	FDSN	ZJ	--	BUD	ILOC	HHE	???	_
(Reading ML: 2.0 magdef=1)																			
(Station ML: 2.0 magdef=1)																			
MODS	1.33	299.2	Sn	08:40:43.405	-0.5	T__		___			5074795	FDSN	SK	--	BUD	ILOC	HHE	???	_

Event bud2020suwb Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/24	13:30:24.59	0.34	0.91	47.1966	16.2598	4.9	3.3	54	0.0	0.0	10	0	92	0.38	1.36	sx	BUD	5074853	scolv			
2020/09/24	13:30:22.31	1.43	1.40	47.2201	16.2748	8.9	6.3	19	0.0f		11	9	94	0.40	2.55	sx	KRSZO	1	KRSZO			107
#PRIME)																						
(locality : Hannersdorf Austria)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.2	3 BUD	5074853
ML	1.9	0.2	3 KRSZO	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	
A26ZA	0.40	154.0	Lg	13:30:36.239	0.1					T__				___		5074862	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
ARSA	0.51	273.7	Lg	13:30:38.788	0.0					T__				___		5074857	FDSN	OE	--	BUD	ILOC	HHE	???	_	
EGYH	0.75	74.3	Lg	13:30:48.807	0.1					T__				___		5074863	FDSN	HU	--	BUD	ILOC	HHN	???	_	
CONA	0.76	338.6	Pn	13:30:38.683	-1.2					T__		59.6		___	ML	1.7	5074854	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.76	338.6	Sn	13:30:49.913	-2.6					T__				___		5074855	FDSN	OE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
KOGS	0.77	181.3	Sn	13:30:49.549	-2.4					T__				___		5074860	FDSN	SL	--	BUD	ILOC	BHE	???	_	
A018A	0.97	303.3	Pn	13:30:42.792	0.0					T__		66.6		___	ML	1.9	5074858	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A018A	0.97	303.3	Sn	13:30:57.629	0.8					T__				___		5074859	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
A013A	1.03	325.5	Sn	13:30:58.836	0.5					T__				___		5074856	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
OBKA	1.38	239.6	Pn	13:30:49.745	0.9					T__		85.5		___	ML	2.2	5074861	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.2 magdef=1)																									
(Station ML: 2.2 magdef=1)																									
PSZI	2.55	72.8	I	13:45:15.098	-71.3	254.6	-0.8			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020tbut Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/28	08:47:49.81	0.24	1.14	48.7681	18.0956	3.5	2.7	11	0.0	0.0	19	0	88	0.30	1.74	sx	BUD	5075960	scolv			
2020/09/28	08:47:48.58	0.84	1.25	48.7500	18.0796	3.6	3.2	177	0.0f		20	12	90	0.29	1.75	sx	KRSZO	1	KRSZO			111
#PRIME)																						
(locality : Jarky Slovakia)																						

Magnitude Err Nsta Author OrigID
 MLv 1.8 0.2 6 BUD 5075960
 ML 1.8 0.2 8 KRSZO 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
JAVC	0.29	292.2	Pg	08:47:54.679	-0.3					T__		345.8		___ ML	1.6	5075965	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
JAVC	0.29	292.2	Lg	08:47:59.403	-0.6					T__				___		5075966	FDSN	CZ	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								
A331A	0.41	13.0	Pg	08:47:55.777	-1.0					T__		222.0		___ ML	1.8	5075963	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A331A	0.41	13.0	Lg	08:48:04.006	1.4					T__				___		5075964	FDSN	Z3	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
VYHS	0.56	116.8	Pg	08:47:59.633	-0.4					T__		27.1		___ ML	1.2	5075961	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.56	116.8	Lg	08:48:08.747	0.4					T__				___		5075962	FDSN	SK	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
MODS	0.65	235.0	Pg	08:48:01.660	-0.3					T__				___		5075967	FDSN	SK	--	BUD	ILOC	HHZ	???	_
MODS	0.65	235.0	Lg	08:48:12.693	0.5					T__				___		5075968	FDSN	SK	--	BUD	ILOC	HHZ	???	_
LANS	1.00	65.8	Pg	08:48:07.582	-0.7					T__		70.3		___ ML	1.9	5075969	FDSN	SK	--	BUD	ILOC	EHZ	EHZ	_
LANS	1.00	65.8	Sn	08:48:23.185	-2.6					T__				___		5075970	FDSN	SK	--	BUD	ILOC	EHE	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
MORC	1.09	341.3	Pg	08:48:09.108	0.3					T__		89.4		___ ML	2.1	5075971	FDSN	CZ	--	BUD	ILOC	HHN	HHZ	_
MORC	1.09	341.3	Lg	08:48:24.625	0.7					T__				___		5075972	FDSN	CZ	--	BUD	ILOC	HHE	???	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																								
HU10A	1.10	144.9	Sn	08:48:24.753	-3.0					T__				___		5075973	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
VRAC	1.13	300.3	Pg	08:48:09.755	-0.1					T__		24.0		___ ML	1.5	5075974	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
VRAC	1.13	300.3	Lg	08:48:26.403	0.1					T__				___		5075975	FDSN	CZ	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
KRUC	1.15	286.3	Pn	08:48:10.840	-0.6					T__		49.2		___ ML	1.8	5075976	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
KRUC	1.15	286.3	Lg	08:48:27.067	-0.4					T__				___		5075977	FDSN	CZ	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																								
PSZI	1.47	123.8	I	08:58:00.268	79.0	309.3	4.1			_A_				___	1		FDSN	HN	--	BUD	ILOC	BDF	???	_
CONA	1.69	241.8	Lg	08:48:44.955	1.5					T__				___		5075978	FDSN	OE	--	BUD	ILOC	HHN	???	_
HU02A	1.75	110.2	Pn	08:48:21.273	1.8					T__		43.7		___ ML	2.1	5075979	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=0)																								

Event bud2020tdnv Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/09/29	07:34:53.79	0.34	0.75	47.0978	18.0358	5.7	3.4	84	0.0	0.0	9	0	124	0.22	1.01	sx	BUD	5076309	scolv			
2020/09/29	07:34:51.96	0.94	7.60	47.1090	17.9248	4.7	3.2	118	0.0f		11	7	97	0.21	1.56	sx	KRSZO	1	KRSZO			173
#PRIME)																						
(locality : Litér Hungary)																						

Magnitude Err Nsta Author OrigID
 M 1.7 0.3 4 BUD 5076309
 MLv 1.7 0.3 4 BUD 5076309

ML 1.7 0.0 4 KRSZO 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	
TIH	0.21	186.0	Pg	07:34:57.243	0.5					T__		1706.4		___	ML	2.1	5076315	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
MPLH	0.27	283.2	Lg	07:35:05.036	2.3					T__				___		5076312	FDSN	HU	--	BUD	ILOC	HHE	???	_	
HU08A	0.32	359.9	Lg	07:35:04.799	0.1					T__				___		5076311	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
CSKK	0.34	41.9	Pg	07:34:58.412	-0.9					T__		253.5		___	ML	1.7	5076316	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.34	41.9	Lg	07:35:03.905	-1.7					T__				___		5076310	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
MORH	1.02	150.8	Pg	07:35:12.165	-0.1					T__		33.8		___	ML	1.6	5076317	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	1.02	150.8	Lg	07:35:26.471	-0.8					T__				___		5076313	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KOVH	1.03	173.2	Pn	07:35:12.777	0.4					T__		38.9		___	ML	1.7	5076318	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	1.03	173.2	Lg	07:35:26.813	-0.9					T__				___		5076314	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
PSZI	1.56	58.0	I	07:44:44.439	21.3	239.2	-0.3			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020tfim Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/09/30	07:08:44.59	0.41	0.75	48.5396	17.4752	8.0	3.8	136	0.0	0.0	6	0	140	0.21	1.24	sx	BUD	5076629	scolv				
2020/09/30	07:08:42.72	1.41	1.76	48.5237	17.4705	35.5	3.4	119	0.0f		7	5	139	0.20	1.73	sx	KRSZO	1	KRSZO			209	
(#PRIME) (locality : Trstin Slovakia)																							

Magnitude Err Nsta Author OrigID
MLv 1.1 0.0 1 BUD 5076629

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.20	220.6	Pg	07:08:47.552	0.3					T__				___		5076630	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
MODS	0.20	220.6	Lg	07:08:50.670	-0.4					T__				___		5076633	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
JAVC	0.36	21.5	Pg	07:08:51.146	0.7					T__		73.9		___	ML	1.2	5076632	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
JAVC	0.36	21.5	Lg	07:08:55.187	-1.4					T__				___		5076634	FDSN	CZ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																									
VYHS	0.91	91.4	Sn	07:09:14.307	-3.0					T__				___		5076635	FDSN	SK	--	BUD	ILOC	HHN	???	_	
CONA	1.23	241.6	Sn	07:09:25.483	0.7					T__				___		5076631	FDSN	OE	--	BUD	ILOC	HHN	???	_	
PSZI	1.73	109.6	I	07:20:05.672	40.5	292.3	0.9			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020tfoh Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/09/30	10:04:51.94	0.43	1.20	46.1194	18.0046	5.2	4.1	171	0.0	0.0	6	0	97	0.07	0.92	sx	BUD	5076839	scolv				
2020/09/30	10:04:50.42	1.15	1.26	46.1219	18.0383	6.7	6.0	166	0.0f		7	6	88	0.05	2.20	sx	KRSZO	1	KRSZO			164	
(#PRIME) (locality : Bükksöd Hungary)																							

Magnitude Err Nsta Author OrigID

MLv 1.7 0.0 1 BUD 5076839

Sta	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	128.1	Pg	10:04:52.354	0.1					T__		1675.1		___ ML	1.7	5076840	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.05	128.1	Lg	10:04:53.242	-0.7					T__				___		5076841	FDSN	HU	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=0)																								
A273A	0.26	217.1	Lg	10:05:00.800	0.7					T__				___		5076844	FDSN	Z3	00	BUD	ILOC	HHN	???	_
MORH	0.43	77.3	Lg	10:05:06.063	-0.4					T__				___		5076842	FDSN	HU	--	BUD	ILOC	HHZ	???	_
A266A	0.43	21.1	Lg	10:05:07.536	0.9					T__				___		5076843	FDSN	Z3	00	BUD	ILOC	HHN	???	_
BEHE	0.94	292.2	Lg	10:05:20.245	-2.1					T__				___		5076845	FDSN	HU	--	BUD	ILOC	HHN	???	_
PSZI	2.20	34.6	I	10:17:35.000	-68.1	218.3	2.4			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020thsk Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/01	14:26:14.59	0.32	1.22	47.6115	16.3437	5.1	2.8	6	0.0	0.0	12	0	119	0.16	0.99	sx	BUD	5077174	scolv			
2020/10/01	14:26:12.88	1.45	2.57	47.5910	16.4064	11.0	3.6	178	0.0f		14	9	122	0.14	2.38	sx	KRSZO	1	KRSZO			161

(#PRIME)
(locality : Burgruine-Landsee Austria)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	4 BUD	5077174
ML	1.6	0.1	4 KRSZO	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
SOP	0.14	48.0	Pg	14:26:16.411	0.4					T__		152.8		___ ML	0.9	5077177	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
SOP	0.14	48.0	Lg	14:26:18.831	0.4					T__				___		5077178	FDSN	HU	--	BUD	ILOC	HHE	???	_
(Reading ML: 0.9 magdef=1)																								
(Station ML: 0.9 magdef=1)																								
CONA	0.50	312.8	Pg	14:26:22.670	-0.2					T__		64.9		___ ML	1.5	5077175	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.50	312.8	Lg	14:26:29.456	-0.1					T__				___		5077176	FDSN	OE	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.5 magdef=1)																								
(Station ML: 1.5 magdef=1)																								
EGYH	0.65	105.2	Sn	14:26:39.503	-0.8					T__				___		5077182	FDSN	HU	--	BUD	ILOC	HHE	???	_
ARSA	0.69	240.7	Sn	14:26:35.265	-6.0					T__				___		5077184	FDSN	OE	--	BUD	ILOC	HHE	???	_
A013A	0.82	305.4	Pg	14:26:28.088	-0.7					T__		55.3		___ ML	1.7	5077179	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A013A	0.82	305.4	Lg	14:26:39.950	0.5					T__				___		5077180	FDSN	Z3	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MPLH	0.88	118.3	Sn	14:26:43.587	-1.8					T__				___		5077183	FDSN	HU	--	BUD	ILOC	HHE	???	_
A018A	0.91	280.1	Pn	14:26:30.471	-2.1					T__		48.7		___ ML	1.7	5077186	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A018A	0.91	280.1	Sn	14:26:44.568	-1.6					T__				___		5077185	FDSN	Z3	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.7 magdef=1)																								
(Station ML: 1.7 magdef=1)																								
MODS	0.98	36.4	Sn	14:26:47.006	-1.4					T__				___		5077181	FDSN	SK	--	BUD	ILOC	HHE	???	_
PSZI	2.38	80.8	I	14:41:07.874	-4.8	262.1	-1.3			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020tjcf Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/02	08:31:33.36	0.31	0.84	47.8715	19.1099	5.9	2.9	165	0.0	0.0	13	0	160	0.07	1.14	kx	BUD	5077343	scolv			
2020/10/02	08:31:31.56			47.8355	19.1270				0.0							kx	BUD_GT	1	BUD			

2020/10/02 08:31:31.56 0.88 0.83 47.8612 19.1246 2.5 2.4 143 0.0f 15 8 162 0.07 1.14 kx KRSZO 1 KRSZO 173
 (#PRIME)
 (locality : Sejce-Vác Hungary)
 (GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID
 MLv 1.4 0.2 6 BUD 5077343
 ML 1.4 0.1 6 KRSZO 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
HU10A	0.07	257.4	Pg	08:31:33.835	0.3					T__		1839.9		___ ML	1.8	5077346	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.07	257.4	Lg	08:31:35.032	-0.4					T__				___		5077347	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																								
HU03A	0.32	82.2	Pg	08:31:39.198	0.6					T__		115.4		___ ML	1.3	5077350	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.32	82.2	Lg	08:31:45.070	1.2					T__				___		5077351	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
PSZI	0.52	83.5	I	08:34:21.721	0.1	263.1	-0.9			TA_				___	1		FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.52	83.4	Pg	08:31:42.495	-0.4					T__		47.9		___ ML	1.4	5077352	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.52	83.4	Lg	08:31:51.135	-0.2					T__				___		5077353	FDSN	GE	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
HU09A	0.55	246.3	Lg	08:31:51.795	-0.2					T__				___		5077354	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
VYHS	0.66	343.1	Pg	08:31:45.473	0.4					T__		19.9		___ ML	1.2	5077344	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.66	343.1	Lg	08:31:54.704	-0.3					T__				___		5077345	FDSN	SK	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
HU02A	0.98	74.0	Pn	08:31:51.515	-0.0					T__		21.8		___ ML	1.4	5077355	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.98	74.0	Lg	08:32:04.830	-2.3					T__				___		5077356	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
JOS	1.14	55.6	Pg	08:31:54.021	-0.1					T__		27.7		___ ML	1.6	5077348	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	1.14	55.6	Sn	08:32:10.590	-0.6					T__				___		5077349	FDSN	ZJ	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																								

Event bud2020tjcg Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/02	08:44:22.87	0.36	0.79	48.3140	19.0148	5.4	3.3	34	0.0	0.0	10	0	122	0.22	1.05	sx	BUD	5077418	scolv			
2020/10/02	08:44:21.42	0.94	1.82	48.3495	19.0446	3.6	3.0	12	0.0f		11	7	159	0.20	1.04	sx	KRSZO	1	KRSZO			176
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																						

Magnitude Err Nsta Author OrigID
 MLv 1.3 0.4 3 BUD 5077418
 ML 1.5 0.1 3 KRSZO 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	0.20	316.2	Pg	08:44:26.022	0.3					T__		84.7		___ ML	0.8	5077421	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.20	316.2	Lg	08:44:28.987	-0.1					T__				___		5077422	FDSN	SK	--	BUD	ILOC	HHN	???	_
(Reading ML: 0.8 magdef=1 Station ML: 0.8 magdef=1)																								

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(Station ML: 0.8 magdef=1
HU10A 0.50 182.0 Lg 08:44:36.910 -3.3 --- 5077425 FDSN ZJ 00 BUD ILOC HHZ ??? _
HU03A 0.58 140.0 Lg 08:44:41.882 -0.6 T__ 5077426 FDSN ZJ 00 BUD ILOC HHN ??? _
PSZI 0.71 126.9 I 08:48:23.065 4.7 308.3 0.8 TA_ 1 FDSN HN -- BUD ILOC BDF ??? _
KECS 0.97 81.5 Lg 08:44:54.949 -0.2 T__ 5077428 FDSN SK -- BUD ILOC EHN ??? _
JOS 1.01 81.1 Pg 08:44:41.637 0.3 T__ 29.4 --- ML 1.5 5077420 FDSN ZJ -- BUD ILOC HHZ HHZ _
JOS 1.01 81.1 Lg 08:44:56.694 0.2 T__ --- 5077419 FDSN ZJ -- BUD ILOC HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=1
HU02A 1.02 102.4 Pn 08:44:42.676 0.7 T__ 35.4 --- ML 1.6 5077423 FDSN ZJ 00 BUD ILOC HHZ HHZ _
HU02A 1.02 102.4 Lg 08:44:56.063 -1.7 T__ --- 5077424 FDSN ZJ 00 BUD ILOC HHN ??? _
(Reading ML: 1.6 magdef=1
(Station ML: 1.6 magdef=1
JAVC 1.04 299.7 Lg 08:44:58.147 -0.4 T__ --- 5077427 FDSN CZ -- BUD ILOC HHN ??? _

```

Event bud2020topg Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/05	08:47:01.04	0.28	1.00	47.9032	19.4490	5.2	2.6	166	0.0	0.0	14	0	124	0.10	0.94	kx	BUD	5077866	scolv			
2020/10/05	08:46:58.86			47.9151	19.4088				0.0							kx	BUD_GT	1	BUD			
2020/10/05	08:46:58.86	0.87	1.15	47.9135	19.4194	2.5	1.6	93	0.0f		16	9	117	0.12	0.95	kx	KRSZO	1	KRSZO			155

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(#PRIME)
(Locality : Szanda Hungary)
(GT info : GT2 explosion)

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Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.3	6 BUD	5077866
ML	1.9	0.2	6 KRSZO	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	
HU03A	0.12	94.5	Pg	08:47:02.478	0.6					T__		3697.6		---	ML	2.2	5077867	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.12	94.5	Lg	08:47:03.774	-0.5					T__				---		5077880	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=0)																									
HU10A	0.28	255.9	Pg	08:47:05.049	0.1					T__		1151.5		---	ML	2.1	5077868	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.28	255.9	Lg	08:47:11.019	1.1					T__				---		5077869	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.1 magdef=1 (Station ML: 2.1 magdef=1)																									
PSZI	0.32	89.0	I	08:48:44.881	3.0	275.2	5.8			TA_				---		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.32	88.9	Pg	08:47:06.239	0.1					T__		266.6		---	ML	1.6	5077870	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.32	88.9	Lg	08:47:11.572	-0.1					T__				---		5077871	FDSN	GE	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1)																									
BUD	0.51	212.0	Lg	08:47:16.422	-1.6					T__				---		5077876	FDSN	HU	--	BUD	ILOC	HHE	???	_	
VYHS	0.70	326.3	Pn	08:47:15.201	0.1					T__		27.1		---	ML	1.3	5077874	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.70	326.3	Lg	08:47:23.880	0.3					T__				---		5077875	FDSN	SK	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.3 magdef=1 (Station ML: 1.3 magdef=0)																									
HU09A	0.75	248.9	Sn	08:47:27.365	-1.7					T__				---		5077877	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
HU02A	0.77	73.9	Pg	08:47:14.360	-0.5					T__		81.0		---	ML	1.8	5077873	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.77	73.9	Lg	08:47:26.747	-0.3					T__				---		5077872	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.8 magdef=1 (Station ML: 1.8 magdef=1)																									

JOS 0.95 51.7 Pn 08:47:18.546 0.2 T__ 80.3 ___ ML 1.9 5077878 FDSN ZJ -- BUD ILOC HHZ HHZ _
 JOS 0.95 51.7 Lg 08:47:31.197 -0.8 T__ ___ 5077879 FDSN ZJ -- BUD ILOC HHN ??? _
 (Reading ML: 1.9 magdef=1
 (Station ML: 1.9 magdef=1

Event bud2020totg Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/05	10:48:56.38	0.31	1.47	48.5642	17.4797	7.0	2.9	134	0.0	0.0	11	0	143	0.23	1.25	sx	BUD	5077990	scolv			
2020/10/05	10:48:53.83	1.34	0.61	48.5583	17.5466	26.6	3.3	119	0.0f		12	7	133	0.26	1.69	sx	KRSZO	1	KRSZO			155

(#PRIME)
 (locality : Boleraz Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.2	4 BUD	5077990
ML	1.6	0.3	4 KRSZO	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	
MODS	0.26	224.2	Pg	10:48:59.377	-0.2					T__						5077991	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
MODS	0.26	224.2	Lg	10:49:03.822	-0.3					T__						5077992	FDSN	SK	--	BUD	ILOC	HHE	???	_	
JAVC	0.31	15.2	Pg	10:49:00.692	0.1					T__		217.0		___	ML	1.5	5077994	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
JAVC	0.31	15.2	Lg	10:49:05.926	-0.1					T__				___		5077995	FDSN	CZ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1																									
ZST	0.47	219.4	Lg	10:49:11.870	0.9					T__						5077993	FDSN	SK	--	BUD	ILOC	HHE	???	_	
A331A	0.74	36.7	Pn	10:49:10.602	-0.3					T__		50.1		___	ML	1.6	5077998	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A331A	0.74	36.7	Sn	10:49:24.239	0.7					T__				___		5077999	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=1																									
VYHS	0.86	93.8	Pn	10:49:12.312	-0.2					T__		17.5		___	ML	1.2	5077996	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.86	93.8	Sn	10:49:25.969	-1.3					T__				___		5077997	FDSN	SK	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
CONA	1.29	241.4	Pn	10:49:18.941	0.1					T__		51.8		___	ML	1.9	5078000	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	1.29	241.4	Sn	10:49:37.443	0.0					T__				___		5078001	FDSN	OE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1																									
PSZI	1.69	111.3	I	11:00:14.357	52.9	296.6	3.5			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020tsxl Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/10/07	07:52:13.76	0.26	1.95	46.9030	17.3528	2.9	2.9	50	0.0	0.0	16	0	86	0.15	1.13	kx	BUD	5078104	scolv				
2020/10/07	07:52:11.15			46.8548	17.2699				0.0								kx	BUD_GT	1	BUD			
2020/10/07	07:52:11.15	0.89	2.29	46.9100	17.3795	4.4	3.1	142	0.0f		18	13	84	0.16	1.98	kx	KRSZO	1	KRSZO				97

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

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.4	4 BUD	5078104
ML	1.8	0.1	4 KRSZO	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	
A261A	0.16	285.0	Pg	07:52:14.607	-0.5					T__		9536.3		___	ML	2.7	5078105	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A261A	0.16	285.0	Lg	07:52:19.019	0.8					T__				___		5078106	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
(Reading ML: 2.7 magdef=1 Station ML: 2.7 magdef=1)																									
A263A	0.27	189.4	Lg	07:52:23.595	2.0					T__				___		5078107	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
MPLH	0.28	22.7	Pg	07:52:16.619	-0.8					T__		582.2		___	ML	1.9	5078108	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.28	22.7	Lg	07:52:22.583	0.2					T__				___		5078109	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
A265A	0.56	149.3	Lg	07:52:29.420	-1.5					T__				___		5078115	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
BEHE	0.61	223.6	Lg	07:52:33.097	1.0					T__				___		5078116	FDSN	HU	--	BUD	ILOC	HHE	???	_	
HU08A	0.64	35.3	Lg	07:52:35.457	0.7					T__				___		5078110	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
A266A	0.72	121.9	Sn	07:52:41.220	1.4					T__				___		5078118	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
CSKK	0.75	52.7	Sn	07:52:41.355	0.3					T__				___		5078117	FDSN	HU	--	BUD	ILOC	HHE	???	_	
KOGS	0.90	239.7	Sn	07:52:42.726	-1.4					T__				___		5078113	FDSN	SL	--	BUD	ILOC	BHE	???	_	
KOVH	0.96	148.5	Pn	07:52:32.805	2.1					T__		58.5		___	ML	1.8	5078119	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.96	148.5	Sn	07:52:45.088	-0.5					T__				___		5078120	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
A011B	1.09	297.7	Sn	07:52:49.062	0.4					T__				___		5078114	FDSN	Z3	00	BUD	ILOC	HH3	???	_	
MORH	1.12	128.1	Pg	07:52:32.918	-0.5					T__		38.4		___	ML	1.7	5078111	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	1.12	128.1	Sn	07:52:47.160	-2.2					T__				___		5078112	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
PSZI	1.98	58.5	I	08:04:45.483	7.4	239.6	-0.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020txth Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/10/10	09:02:56.54	0.45	0.72	46.1947	18.2493	7.2	4.5	139	0.0	0.0	5	0	138	0.15	0.33	kx	BUD	5078894	scolv					
2020/10/10	09:02:54.98			46.1765	18.2926				0.0							kx	BUD_GT	1	BUD					
2020/10/10	09:02:54.98	1.01	4.04	46.1724	18.2590	6.3	3.0	140	0.0f		7	4	151	0.14	2.07	kx	KRSZO	1	KRSZO			279		
(#PRIME) (Locality : Komló Hungary) (GT info : GT2 explosion)																								

Magnitude	Err	Nsta	Author	OrigID
MLv	0.8	0.2	2 BUD	5078894

Sta	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	232.8	Pg	09:02:58.792	0.4					T__		171.2		___	ML	0.9	5078895	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.14	232.8	Lg	09:03:01.468	0.2					T__				___		5078896	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=0)																									
MORH	0.27	80.8	Pg	09:03:00.935	-0.0					T__		42.5		___	ML	0.7	5078897	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.27	80.8	Lg	09:03:05.669	-0.0					T__				___		5078898	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 0.7 magdef=1 Station ML: 0.7 magdef=0)																									
A266A	0.35	0.6	Lg	09:03:06.976	-1.5					T__				___		5078899	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
PSZI	2.07	32.0	I	09:16:06.034	7.9	212.7	-0.5			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020ugwg Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/15	08:46:55.20	0.56	0.89	46.1152	18.3489	6.5	3.7	161	0.0	0.0	9	0	197	0.18	1.25	kx	BUD	5080109	scolv			
2020/10/15	08:46:53.50			46.1765	18.2926				0.0							kx	BUD_GT	1	BUD			
2020/10/15	08:46:53.50	1.04	0.70	46.1362	18.3086	8.1	3.6	163	0.0f		10	8	180	0.15	2.09	kx	KRSZO	1	KRSZO			221

(#PRIME)
(Locality : Komló Hungary)
(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	2 BUD	5080109

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.15	251.8	Pg	08:46:57.275	0.0					T__		578.5		___ ML	1.5	5080110	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.15	251.8	Lg	08:46:59.951	-0.3					T__				___		5080111	FDSN	HU	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0)																								
MORH	0.25	71.2	Pg	08:46:59.162	0.2					T__		171.5		___ ML	1.2	5080112	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.25	71.2	Lg	08:47:03.166	-0.2					T__				___		5080113	FDSN	HU	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=0)																								
A266A	0.39	355.6	Lg	08:47:07.649	-0.6					T__				___		5080114	FDSN	Z3	00	BUD	ILOC	HHN	???	_
A265A	0.46	309.2	Lg	08:47:11.116	1.0					T__				___		5080115	FDSN	Z3	00	BUD	ILOC	HHE	???	_
A264A	0.71	272.3	Sn	08:47:20.537	-1.2					T__				___		5080116	FDSN	Z3	00	BUD	ILOC	HHN	???	_
MPLH	1.16	333.2	Lg	08:47:33.631	-0.3					T__				___		5080118	FDSN	HU	--	BUD	ILOC	HHE	???	_
CSKK	1.23	358.5	Sn	08:47:34.578	-0.4					T__				___		5080117	FDSN	HU	--	BUD	ILOC	HHN	???	_
PSZI	2.09	30.7	I	08:58:23.048	-98.7	218.5	6.6			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020uoda Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/19	08:09:01.71	0.38	0.77	47.5683	18.7003	5.5	3.3	168	0.0	0.0	11	0	132	0.23	1.35	sx	BUD	5080956	scolv			
2020/10/19	08:08:59.39	0.99	1.18	47.5413	18.7138	4.2	3.2	9	0.0f		13	8	140	0.22	1.35	sx	KRSZO	1	KRSZO			188

(#PRIME)
(Locality : Máty Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.3	4 BUD	5080956
ML	1.3	0.2	4 KRSZO	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
BUD	0.22	105.2	Lg	08:09:07.801	-0.8					T__				___		5080964	FDSN	HU	--	BUD	ILOC	HHE	???	_
HU09A	0.24	293.6	Pg	08:09:05.487	0.7					T__		167.0		___ ML	1.2	5080962	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU09A	0.24	293.6	Lg	08:09:07.978	-1.4					T__				___		5080963	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1)																								
HU10A	0.37	34.0	Pg	08:09:08.328	1.0					T__		144.2		___ ML	1.5	5080960	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.37	34.0	Lg	08:09:13.732	0.1					T__				___		5080961	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=1)																								
MPLH	0.88	245.5	Sn	08:09:31.550	-1.1					T__				___		5080965	FDSN	HU	--	BUD	ILOC	HHN	???	_
PSZI	0.88	64.2	I	08:13:54.381	-2.3	243.9	-1.2			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.88	64.2	Lg	08:09:31.212	-0.3					T__				___		5080959	FDSN	GE	--	BUD	ILOC	HHZ	???	_

VYHS	0.96	4.9	Pn	08:09:19.341	0.2	T__	14.1	___	ML	1.2	5080957	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.96	4.9	Lg	08:09:31.314	-1.6	T__		___			5080958	FDSN	SK	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.2 magdef=1)																			
(Station ML: 1.2 magdef=1)																			
HU02A	1.35	63.9	Pg	08:09:26.324	-0.7	T__	29.0	___	ML	1.7	5080966	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	1.35	63.9	Sn	08:09:44.214	-0.1	T__		___			5080967	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.7 magdef=1)																			
(Station ML: 1.7 magdef=1)																			

Event bud2020uqat Croatia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/10/20	09:16:40.06	0.31	0.85	45.6183	17.3151	4.6	4.0	120	6.0	5.6	15	0	129	0.46	1.32	sx	BUD	5081403	scolv				
2020/10/20	09:16:38.03	1.51	0.66	45.5709	17.2812	15.2	5.5	171	0.0f		16	9	129	0.51	2.96	sx	KRSZO	1	KRSZO			226	

(#PRIME)

(locality : Dobra-Kuca Croatia)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.1	0.2	7 BUD	5081403
ML	2.0	0.1	7 KRSZO	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	
A273A	0.51	47.1	Pg	09:16:48.850	0.1					T__		551.9		___	ML	2.5	5081410	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A273A	0.51	47.1	Lg	09:16:55.769	-0.1					T__				___		5081411	FDSN	Z3	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.5 magdef=1)																									
(Station ML: 2.5 magdef=1)																									
KOVH	0.77	47.6	Pg	09:16:53.234	-0.7					T__		260.5		___	ML	2.3	5081406	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.77	47.6	Lg	09:17:05.848	0.9					T__				___		5081407	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=1)																									
BLY	0.82	184.8	Pn	09:16:57.050	0.7					T__		95.2		___	ML	1.9	5081404	FDSN	MN	--	BUD	ILOC	HHZ	HHZ	_
BLY	0.82	184.8	Sn	09:17:10.355	0.7					T__				___		5081405	FDSN	MN	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
BEHE	0.97	338.8	Pn	09:16:58.675	0.6					T__		396.2		___	ML	2.6	5081414	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
BEHE	0.97	338.8	Sn	09:17:12.499	-0.2					T__				___		5081415	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 2.6 magdef=1)																									
(Station ML: 2.6 magdef=0)																									
PTJ	0.98	290.5	Pg	09:16:57.289	-0.4					T__		76.1		___	ML	1.9	5081412	FDSN	CR	--	BUD	ILOC	BHZ	BHZ	_
PTJ	0.98	290.5	Lg	09:17:12.041	0.6					T__				___		5081413	FDSN	CR	--	BUD	ILOC	BHZ	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=1)																									
KOGS	1.13	321.1	Sn	09:17:16.597	0.1					T__				___		5081416	FDSN	SL	--	BUD	ILOC	BHZ	???	_	
MORH	1.15	55.4	Pn	09:17:00.443	0.2					T__		53.1		___	ML	1.9	5081408	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	1.15	55.4	Sn	09:17:15.785	-1.3					T__				___		5081409	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1)																									
(Station ML: 1.9 magdef=0)																									
CRES	1.30	281.9	Pn	09:17:03.917	0.7					T__		54.9		___	ML	2.0	5081417	FDSN	SL	--	BUD	ILOC	BHZ	BHZ	_
CRES	1.30	281.9	Lg	09:17:22.383	0.4					T__				___		5081418	FDSN	SL	--	BUD	ILOC	BHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZI	2.96	36.5	I	09:35:54.935	42.4	215.1	-3.3			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020uqcn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/20	10:10:09.46	0.61	0.16	45.9593	17.9455	22.8	4.4	148	0.0	0.0	5	0	182	0.10	0.55	sx	BUD	5081445	scolv			
2020/10/20	10:10:11.35	1.65	4.61	46.1379	18.0853	10.9	3.6	121	0.0f		6	3	225	0.05	2.17	sx	KRSZO	1	KRSZO			315

(#PRIME)
(locality : Bükkösd Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.1	2 BUD	5081445

Sta	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	168.4	Pg	10:10:12.787	-0.3					T__		880.7		___	ML	1.4	5081446	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.05	168.4	Lg	10:10:14.318	-0.4					T__				___		5081447	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
A273A	0.29	220.3	Lg	10:10:12.002	-10.1					___				___		5081450	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
MORH	0.40	78.6	Pg	10:10:20.317	0.6					T__		49.8		___	ML	1.1	5081448	FDSN	HU	--	BUD	ILOC	HHE	HHZ	_
MORH	0.40	78.6	Lg	10:10:26.682	0.5					T__				___		5081449	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
PSZI	2.17	34.1	I	10:23:43.787	-7.9	215.8	0.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020urul Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/21	08:21:34.02	0.37	0.65	48.4362	19.1065	5.9	3.5	9	0.0	0.0	11	0	157	0.19	1.00	sx	BUD	5081532	scolv			
2020/10/21	08:21:32.44	0.90	2.73	48.4120	19.1216	3.7	3.0	170	0.0f		13	7	150	0.21	0.98	sx	KRSZO	1	KRSZO			257

(#PRIME)
(locality : Krupina Slovakia)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	5 BUD	5081532
ML	1.7	0.0	5 KRSZO	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	0.21	293.4	Pg	08:21:37.233	0.3					T__		362.6		___	ML	1.4	5081536	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.21	293.4	Lg	08:21:40.543	0.3					T__				___		5081537	FDSN	SK	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
HU10A	0.57	187.0	Lg	08:21:52.606	-0.9					T__				___		5081533	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
PSZI	0.72	133.5	I	08:25:38.239	8.5	315.6	1.6			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.72	133.4	Pn	08:21:48.431	-0.5					T__		55.7		___	ML	1.6	5081534	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.72	133.4	Lg	08:21:58.215	-0.4					T__				___		5081535	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
KECS	0.91	85.0	Pn	08:21:50.819	-0.6					T__		150.0		___	ML	2.2	5081540	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.91	85.0	Lg	08:22:04.445	0.3					T__				___		5081541	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
JOS	0.95	84.4	Pn	08:21:51.417	-0.5					T__		46.2		___	ML	1.7	5081542	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.95	84.4	Lg	08:22:04.870	-0.5					T__				___		5081543	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									

(Station ML: 1.7 magdef=1

HU02A	0.98	106.7	Pg	08:21:52.555	-0.0	T__	46.7	___	ML	1.7	5081538	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.98	106.7	Lg	08:22:07.103	-0.3	T__		---			5081539	FDSN	ZJ	00	BUD	ILOC	HHN	???	_

(Reading ML: 1.7 magdef=1

(Station ML: 1.7 magdef=1

Event bud2020urwn Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/21	09:24:56.23	1.18	0.59	47.7381	19.0425	13.3	4.8	28	0.0	0.0	10	0	277	0.11	1.26		kx BUD	5081574	scolv			
2020/10/21	09:24:56.53			47.8355	19.1270				0.0								kx BUD_GT	1	BUD			
2020/10/21	09:24:56.53	0.92	1.50	47.8566	19.1232	2.6	2.6	153	0.0f		12	6	177	0.07	1.14		kx KRSZO	1	KRSZO			260

(#PRIME)

(Locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude Err Nsta Author OrigID

MLv 1.6 0.2 5 BUD 5081574

ML 1.4 0.1 5 KRSZO 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	
HU10A	0.07	260.9	Pg	09:24:58.632	0.2					T__		1893.6		___	ML	1.8	5081575	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.07	260.9	Lg	09:24:59.908	-0.4					T__				---		5081576	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	

(Reading ML: 1.8 magdef=1

(Station ML: 1.8 magdef=0

HU03A	0.32	81.4	Pg	09:25:04.102	0.5					T__		127.7		___	ML	1.3	5081579	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.32	81.4	Lg	09:25:09.531	0.6					T__				---		5081580	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	

(Reading ML: 1.3 magdef=1

(Station ML: 1.3 magdef=1

PSZI	0.52	83.0	I	09:27:42.872	-4.2	262.6	-0.9			TA_				---		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
------	------	------	---	--------------	------	-------	------	--	--	-----	--	--	--	-----	--	---	------	----	----	-----	------	-----	-----	---

PSZ	0.52	82.9	Pg	09:25:07.508	-0.4					T__		44.9		___	ML	1.4	5081581	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
-----	------	------	----	--------------	------	--	--	--	--	-----	--	------	--	-----	----	-----	---------	------	----	----	-----	------	-----	-----	---

PSZ	0.52	82.9	Lg	09:25:16.088	-0.2					T__				---		5081582	FDSN	GE	--	BUD	ILOC	HHN	???	_
-----	------	------	----	--------------	------	--	--	--	--	-----	--	--	--	-----	--	---------	------	----	----	-----	------	-----	-----	---

(Reading ML: 1.4 magdef=1

(Station ML: 1.4 magdef=1

VYHS	0.67	343.3	Pn	09:25:11.503	-0.8					T__		18.2		___	ML	1.1	5081577	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
------	------	-------	----	--------------	------	--	--	--	--	-----	--	------	--	-----	----	-----	---------	------	----	----	-----	------	-----	-----	---

VYHS	0.67	343.3	Lg	09:25:20.032	-0.0					T__				---		5081578	FDSN	SK	--	BUD	ILOC	HHN	???	_
------	------	-------	----	--------------	------	--	--	--	--	-----	--	--	--	-----	--	---------	------	----	----	-----	------	-----	-----	---

(Reading ML: 1.1 magdef=1

(Station ML: 1.1 magdef=0

JOS	1.14	55.5	Pg	09:25:19.136	-0.1					T__		33.4		___	ML	1.7	5081583	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
-----	------	------	----	--------------	------	--	--	--	--	-----	--	------	--	-----	----	-----	---------	------	----	----	-----	------	-----	-----	---

JOS	1.14	55.5	Sn	09:25:35.476	-0.7					T__				---		5081584	FDSN	ZJ	--	BUD	ILOC	HHN	???	_
-----	------	------	----	--------------	------	--	--	--	--	-----	--	--	--	-----	--	---------	------	----	----	-----	------	-----	-----	---

(Reading ML: 1.7 magdef=1

(Station ML: 1.7 magdef=1

Event bud2020urzsz Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/21	11:01:13.75	0.45	1.63	47.3079	17.6426	6.4	3.9	126	0.0	0.0	7	0	119	0.15	1.29		sx BUD	5081693	scolv			
2020/10/21	11:01:10.17	1.27	1.11	47.3418	17.5960	7.2	3.6	140	0.0f		8	6	227	0.18	1.66		sx KRSZO	1	KRSZO			256

(#PRIME)

(Locality : Ugod Hungary)

Magnitude Err Nsta Author OrigID

MLv 1.3 0.3 2 BUD 5081693

Sta	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	192.7	Pg	11:01:14.547	0.2					T__		206.7		___	ML	1.1	5081694	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.18	192.7	Lg	11:01:17.262	-0.5					T__				___		5081695	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
EGYH	0.19	292.9	Pg	11:01:20.283	5.5					---		363.3		___	ML	1.4	5081698	FDSN	HU	--	BUD	ILOC	HHN	HHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
HU08A	0.24	68.0	Lg	11:01:18.338	-1.7					T__				___		5081696	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
HU09A	0.61	60.6	Lg	11:01:34.088	1.1					T__				___		5081700	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
KOVH	1.30	164.4	Lg	11:01:55.131	0.6					T__				___		5081699	FDSN	HU	--	BUD	ILOC	HHE	???	_	
MORH	1.34	147.1	Lg	11:01:56.115	-0.2					T__				___		5081697	FDSN	HU	--	BUD	ILOC	HHE	???	_	
PSZI	1.66	68.8	I	11:11:23.258	1.1	249.2	-1.3			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020utpv Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/10/22	08:17:58.28	0.53	0.47	48.7755	20.8015	6.7	4.6	77	0.0	0.0	9	0	174	0.33	1.05	sx	BUD	5081851	scolv					
2020/10/22	08:18:00.33	1.17	0.39	48.5944	20.7967	5.4	3.2	12	0.0f		10	5	253	0.20	0.91	sx	KRSZO	1	KRSZO				340	
(#PRIME) (locality : Dvorniky-Vcelare Slovakia)																								

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	4 KRSZO	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	
JOS	0.20	240.1	Pg	08:18:04.450	-0.0					T__		219.5		___	ML	1.2	5081852	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.20	240.1	Lg	08:18:07.523	-0.2					T__				___		5081853	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
KECS	0.23	241.8	Pg	08:18:05.077	-0.1					T__		554.4		___	ML	1.7	5081854	FDSN	SK	--	BUD	ILOC	EHN	EHZ	_
KECS	0.23	241.8	Lg	08:18:09.694	0.7					T__				___		5081855	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
ABAH	0.42	135.2	Pg	08:18:08.951	0.0					T__		57.0		___	ML	1.2	5081856	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
ABAH	0.42	135.2	Lg	08:18:16.263	0.1					T__				___		5081857	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
NIE	0.89	338.5	Lg	08:18:21.334	-8.4					---				___		5081858	FDSN	PL	--	BUD	ILOC	BHZ	???	_	
PSZ	0.91	222.0	Pn	08:18:18.656	-0.7					T__		46.2		___	ML	1.7	5081859	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.91	222.0	Lg	08:18:32.993	0.0					T__				___		5081860	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
PSZI	0.91	222.1	I	08:23:07.108	-0.1	40.9	-0.5			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020uvvc Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/10/23	13:44:19.01	0.33	1.54	47.5800	16.3500	3.9	3.2	173	0.0	0.0	15	0	122	0.22	1.09	sx	BUD	5082028	scolv					
2020/10/23	13:44:18.09	0.86	1.00	47.5838	16.3966	4.2	3.7	132	0.0f		20	12	66	0.15	2.38	sx	KRSZO	1	KRSZO					121
(#PRIME) (locality : Burgruine-Landsee Austria)																								

Magnitude Err Nsta Author OrigID
 MLv 1.5 0.3 6 BUD 5082028
 ML 1.6 0.2 6 KRSZO 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	
ML	1.5	0.3	5	KRSZO	1																				
SOP	0.15	47.6	Pg	13:44:21.800	0.4					T__		167.7		___	ML	0.9	5082029	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
SOP	0.15	47.6	Lg	13:44:24.400	0.5					T__				___		5082030	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 0.9 magdef=1)																									
(Station ML: 0.9 magdef=0)																									
A011B	0.34	239.6	Pg	13:44:24.600	-0.4					T__		68.3		___	ML	1.1	5082035	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A011B	0.34	239.6	Lg	13:44:28.800	-0.6					T__				___		5082036	FDSN	Z3	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.1 magdef=1)																									
(Station ML: 1.1 magdef=1)																									
CONA	0.50	313.9	Pg	13:44:28.000	-0.1					T__		69.6		___	ML	1.5	5082031	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.50	313.9	Lg	13:44:34.700	-0.1					T__				___		5082032	FDSN	OE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1)																									
(Station ML: 1.5 magdef=1)																									
ARSA	0.68	241.0	Pg	13:44:31.500	0.2					T__				___		5082037	FDSN	OE	--	BUD	ILOC	HHN	???	_	
ARSA	0.68	241.0	Lg	13:44:39.600	-0.2					T__				___		5082037	FDSN	OE	--	BUD	ILOC	HHN	???	_	
A262A	0.73	172.9	Pg	13:44:32.900	0.3					T__		67.3		___	ML	1.7	5082039	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A262A	0.73	172.9	Lg	13:44:42.500	0.2					T__				___		5082040	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
A013A	0.82	306.1	Pg	13:44:33.800	-0.2					T__		67.3		___	ML	1.8	5082039	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A013A	0.82	306.1	Lg	13:44:45.500	0.9					T__				___		5082040	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1)																									
(Station ML: 1.8 magdef=0)																									
MPLH	0.88	117.6	Lg	13:44:49.000	0.2					T__				___		5082043	FDSN	SK	--	BUD	ILOC	HHN	???	_	
A018A	0.91	280.7	Lg	13:44:48.700	1.7					T__				___		5082042	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
MODS	0.99	36.5	Pg	13:44:38.000	-0.2					T__				___		5082043	FDSN	SK	--	BUD	ILOC	HHN	???	_	
MODS	0.99	36.5	Lg	13:44:53.300	-0.1					T__				___		5082043	FDSN	SK	--	BUD	ILOC	HHN	???	_	
KRUC	1.48	360.0	Pn	13:44:42.200	-3.2					T__				___		5082043	FDSN	SK	--	BUD	ILOC	HHN	???	_	
KRUC	1.48	360.0	Sn	13:45:04.400	-1.1					T__				___		5082043	FDSN	SK	--	BUD	ILOC	HHN	???	_	
JAVC	1.53	33.3	Sn	13:45:07.100	-0.8					T__				___		5082043	FDSN	SK	--	BUD	ILOC	HHN	???	_	
PSZI	2.38	80.6	I	13:57:21.400	-999	268.2	5.0			_A				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020vcqp Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/27	06:54:22.70	0.92	0.46	47.3310	17.6119	12.6	4.3	132	0.0	0.0	6	0	227	0.17	1.32	kx	BUD	5082288	scolv			
2020/10/27	06:54:21.56			47.3300	17.6350				0.0							kx	BUD_GT	1	BUD			
2020/10/27	06:54:21.56	1.05	1.67	47.2910	17.6631	7.4	2.9	140	0.0f		8	5	196	0.15	1.63	kx	KRSZO	1	KRSZO			263

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

Magnitude Err Nsta Author OrigID
 MLv 1.3 0.2 2 BUD 5082288

Sta	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	214.9	Pg	06:54:25.415	0.2					T__		234.6		___	ML	1.1	5082289	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.15	214.9	Lg	06:54:28.258	0.0					T__				___		5082290	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
HU08A	0.23	51.5	Pg	06:54:27.080	0.4					T__		332.3		___	ML	1.4	5082291	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU08A	0.23	51.5	Lg	06:54:30.256	-0.8					T__				___		5082292	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
CSKK	0.41	79.7	Lg	06:54:36.470	-1.1					T__				___		5082294	FDSN	HU	--	BUD	ILOC	HHN	???	_	
MORH	1.27	147.6	Sn	06:55:04.551	0.7					T__				___		5082293	FDSN	HU	--	BUD	ILOC	HHE	???	_	
PSZI	1.63	66.6	I	07:04:27.210	3.4	249.1	0.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020vcyr Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/27	10:59:59.27	0.31	0.54	48.1462	16.9373	7.2	2.7	152	0.0	0.0	13	0	153	0.12	1.31	sx	BUD	5082390	scolv			
2020/10/27	10:59:57.65	0.98	1.15	48.1180	16.9951	6.4	3.2	162	0.0f		15	9	134	0.11	1.96	sx	KRSZO	1	KRSZO			159

(#PRIME)
(locality : Hainburg Austria)

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.2	3 BUD	5082390
ML	2.1	0.2	3 KRSZO	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	
ZST	0.11	42.6	Pg	11:00:01.169	0.8					T__				___		5082392	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
ZST	0.11	42.6	Lg	11:00:03.192	0.4					T__				___		5082393	FDSN	SK	--	BUD	ILOC	HHE	???	_	
MODS	0.32	36.3	Pg	11:00:04.732	0.1					T__				___		5082394	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
MODS	0.32	36.3	Lg	11:00:09.301	-0.9					T__				___		5082391	FDSN	SK	--	BUD	ILOC	HHN	???	_	
CONA	0.78	256.4	Pg	11:00:12.796	-0.4					T__		82.3		___	ML	1.9	5082400	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.78	256.4	Lg	11:00:23.445	-0.0					T__				___		5082401	FDSN	OE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
A013A	1.07	267.7	Pn	11:00:19.035	-0.3					T__		98.3		___	ML	2.1	5082398	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A013A	1.07	267.7	Lg	11:00:31.990	-0.0					T__				___		5082395	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.1 magdef=1 Station ML: 2.1 magdef=1)																									
VRAC	1.22	347.6	Lg	11:00:37.706	-1.0					T__				___		5082399	FDSN	CZ	--	BUD	ILOC	HHE	???	_	
VYHS	1.29	72.3	Sn	11:00:41.167	-0.2					T__				___		5082397	FDSN	SK	--	BUD	ILOC	HHN	???	_	
ARSA	1.32	229.4	Pg	11:00:23.984	0.2					T__		95.4		___	ML	2.2	5082402	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
ARSA	1.32	229.4	Sn	11:00:41.195	0.0					T__				___		5082403	FDSN	OE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=1)																									
A018A	1.34	254.5	Sn	11:00:41.934	-0.1					T__				___		5082396	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
PSZI	1.96	94.8	I	11:12:10.112	-3.6	280.7	3.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020veuh Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/10/28	11:02:33.31	0.87	0.78	46.1223	18.0722	11.2	5.0	142	0.0	0.0	5	0	215	0.04	0.41	sx	BUD	5082589	scolv			
2020/10/28	11:02:31.12	1.39	5.98	46.1650	18.0711	9.1	3.5	127	0.0f		7	4	179	0.08	2.15	sx	KRSZO	1	KRSZO			229

(#PRIME)

(locality : Bükkösd Hungary)

Magnitude Err Nsta Author OrigID
MLv 1.4 0.1 2 BUD 5082589

Sta	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	0.08	165.4	Pg	11:02:33.128	-0.3					T__		1231.0		___	ML	1.6	5082590	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.08	165.4	Lg	11:02:34.162	-1.3					T__				___		5082591	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
A273A	0.31	215.6	Lg	11:02:42.173	-0.1					T__				___		5082594	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
MORH	0.40	82.6	Pg	11:02:40.469	0.9					T__		92.7		___	ML	1.4	5082592	FDSN	HU	--	BUD	ILOC	HHE	HHZ	_
MORH	0.40	82.6	Lg	11:02:47.058	0.9					T__				___		5082593	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
PSZI	2.15	34.7	I	11:15:53.125	-11.8	215.7	-0.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020vjc Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/10/30	09:57:41.52	0.31	1.79	46.9530	17.3272	3.7	3.3	128	0.0	0.0	11	0	90	0.12	1.17	sx	BUD	5083178	scolv				
2020/10/30	09:57:38.44	0.84	5.79	46.9625	17.3086	5.1	3.4	152	0.0f		13	10	97	0.11	2.00	sx	KRSZO	1	KRSZO			132	
#PRIME)																							
(locality : Sümeg Hungary)																							

Magnitude Err Nsta Author OrigID
MLv 2.2 0.7 3 BUD 5083178
ML 2.0 0.6 3 KRSZO 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	
A261A	0.11	264.6	Pg	09:57:41.445	0.1					T__		19418.3		___	ML	2.9	5083179	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A261A	0.11	264.6	Lg	09:57:47.377	3.7					T__				___		5083180	FDSN	Z3	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.9 magdef=1 Station ML: 2.9 magdef=1)																									
MPLH	0.26	37.1	Pn	09:57:45.309	-4.2					T__		370.6		___	ML	1.6	5083182	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.26	37.1	Lg	09:57:46.884	-2.1					T__				___		5083183	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
A263A	0.32	179.2	Lg	09:57:51.030	0.6					T__				___		5083181	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
TIH	0.41	98.7	Lg	09:57:56.305	2.8					T__				___		5083189	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
EGYH	0.46	2.0	Lg	09:57:58.238	2.8					T__				___		5083188	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
HU08A	0.63	41.6	Pn	09:57:53.792	-0.8					T__		143.7		___	ML	2.0	5083184	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
KOGS	0.89	235.1	Sn	09:58:10.112	-1.0					T__				___		5083185	FDSN	SL	--	BUD	ILOC	BHE	???	_	
KOVH	1.03	147.7	Sn	09:58:13.021	-1.6					T__				___		5083186	FDSN	HU	--	BUD	ILOC	HHE	???	_	
MORH	1.19	128.6	Lg	09:58:19.829	0.8					T__				___		5083187	FDSN	HU	--	BUD	ILOC	HHE	???	_	
PSZI	2.00	60.5	I	10:10:28.187	16.7	239.6	-2.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020vpqx Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/03	13:13:28.95	0.30	1.04	46.7898	17.2935	4.2	3.2	98	0.0	0.0	13	0	83	0.15	1.10	sx	BUD	5084077	scolv			

2020/11/03 13:13:27.38 0.94 0.76 46.8116 17.2966 5.8 3.3 80 0.0f 13 8 148 0.17 2.08 sx KRSZO 1 KRSZO 209
 (#PRIME)
 (locality : Várvölgy Hungary)

Magnitude Err Nsta Author OrigID
 MLv 1.9 0.1 6 BUD 5084077
 ML 1.9 0.1 6 KRSZO 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	
A263A	0.17	175.8	Pg	13:13:31.616	0.2					T__		1331.0		___	ML	1.9	5084084	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A263A	0.17	175.8	Lg	13:13:34.536	-0.1					T__				___		5084085	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
A261A	0.17	324.2	Pg	13:13:31.391	-0.1					T__		2580.4		___	ML	2.2	5084082	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A261A	0.17	324.2	Lg	13:13:35.207	0.4					T__				___		5084083	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
(Reading ML: 2.2 magdef=1 Station ML: 2.2 magdef=0)																									
MPLH	0.40	24.8	Pg	13:13:36.360	0.5					T__		151.0		___	ML	1.6	5084078	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.40	24.8	Lg	13:13:40.893	-1.5					T__				___		5084079	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																									
HU08A	0.75	34.4	Lg	13:13:55.414	0.5					T__				___		5084087	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
CSKK	0.86	49.7	Pg	13:13:44.735	0.0					T__		105.6		___	ML	2.0	5084080	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.86	49.7	Lg	13:13:59.001	0.1					T__				___		5084081	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
KOVH	0.91	142.2	Pg	13:13:45.542	-0.3					T__		89.2		___	ML	2.0	5084088	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
MORH	1.11	122.2	Pn	13:13:49.206	0.4					T__		50.0		___	ML	1.8	5084089	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	1.11	122.2	Sn	13:14:03.702	-1.6					T__				___		5084090	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
PSZI	2.08	57.0	I	13:25:09.424	-85.1	244.6	5.7			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020vthm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/05	09:37:12.78	0.33	1.04	47.8928	19.1211	6.0	3.0	155	0.0	0.0	10	0	140	0.08	1.12	sx	BUD	5084390	scolv			
2020/11/05	09:37:10.40	0.94	1.22	47.8695	19.1184	3.0	2.6	103	0.0f		12	8	144	0.07	1.14	sx	KRSZO	1	KRSZO			165
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																						
(locality : Sejce-Vác Hungary)																						

Magnitude Err Nsta Author OrigID
 MLv 2.0 0.1 3 BUD 5084390
 ML 2.1 0.0 3 KRSZO 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	
HU10A	0.07	250.2	Pg	09:37:12.487	0.1					T__		2147.5		___	ML	1.8	5084391	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.07	250.2	Lg	09:37:14.139	-0.0					T__				___		5084392	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
HU03A	0.33	83.8	Lg	09:37:23.328	0.5					T__				___		5084393	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	

PSZI	0.52	84.4	I	09:40:04.122	2.5	263.5	-1.5	TA_								1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.52	84.4	Lg	09:37:29.398	-0.8			T__								5084394	FDSN	GE	--	BUD	ILOC	HHE	???	_	
VYHS	0.65	343.3	Lg	09:37:33.624	0.1			T__								5084395	FDSN	SK	--	BUD	ILOC	HHN	???	_	
CSKK	0.77	229.2	Sn	09:37:40.320	-0.8			T__								5084396	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
HU02A	0.98	74.5	Pg	09:37:31.133	0.6			T__	109.4							5084397	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_	
HU02A	0.98	74.5	Lg	09:37:44.247	-1.8			T__								5084398	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	1.14	56.1	Pg	09:37:33.393	0.4			T__	83.9							5084399	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_	
JOS	1.14	56.1	Sn	09:37:48.735	-1.2			T__								5084400	FDSN	ZJ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									

Event bud2020vtjm Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp			
2020/11/05	10:37:04.77	0.33	0.67	48.4343	19.1170	5.5	3.2	9	0.0	0.0	12	0	151	0.20	1.05	sx	BUD	5084430	scolv						
2020/11/05	10:37:03.21	0.89	1.83	48.4164	19.1300	3.4	2.8	169	0.0f		14	8	149	0.21	1.06	sx	KRSZO	1	KRSZO			157			
(#PRIME)																									
(locality : Sasa Slovakia)																									

Magnitude	Err	Nsta	Author	OrigID
MLv	2.0	0.3	6 BUD	5084430
ML	2.0	0.0	6 KRSZO	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	0.21	291.8	Pg	10:37:07.998	0.3					T__		116.9		___	ML	1.0	5084435	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.21	291.8	Lg	10:37:11.084	-0.1					T__				___		5084436	FDSN	SK	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.0 magdef=1)																									
(Station ML: 1.0 magdef=0)																									
HU10A	0.58	187.5	Pg	10:37:15.328	0.2					T__		157.7		___	ML	2.0	5084440	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.58	187.5	Lg	10:37:23.933	-0.5					T__				___		5084439	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
PSZI	0.71	134.0	I	10:41:06.060	5.9	310.4	-4.2			TA_						1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.71	134.0	Lg	10:37:28.799	-0.6					T__						5084441	FDSN	GE	--	BUD	ILOC	HHE	???	_	
KECS	0.90	85.3	Pg	10:37:21.323	0.1					T__		113.6		___	ML	2.1	5084431	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.90	85.3	Lg	10:37:34.538	-0.2					T__				___		5084432	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
JOS	0.94	84.6	Pn	10:37:22.120	-0.5					T__		94.8		___	ML	2.0	5084433	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.94	84.6	Lg	10:37:35.896	-0.0					T__				___		5084434	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
HU02A	0.98	107.0	Pg	10:37:23.269	-0.0					T__		87.6		___	ML	2.0	5084437	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.98	107.0	Lg	10:37:37.509	-0.6					T__				___		5084438	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.0 magdef=1)																									
(Station ML: 2.0 magdef=1)																									
JAVC	1.06	295.1	Pn	10:37:25.709	0.8					T__		164.2		___	ML	2.3	5084442	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.3 magdef=1)																									
(Station ML: 2.3 magdef=0)																									

Event bud2020vvbd Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/06	08:41:16.75	0.39	1.02	46.1208	18.0300	4.9	4.0	116	0.0	0.0	8	0	126	0.06	1.10	sx	BUD	5084577	scolv			
2020/11/06	08:41:13.82	1.07	4.12	46.1205	18.0104	6.4	3.7	121	0.0f		9	5	129	0.07	2.21	sx	KRSZO	1	KRSZO			225

(#PRIME)
(locality : Bükkösd Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	3 BUD	5084577

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L
KOVH	0.07	117.3	Pg	08:41:16.897	1.0					T__		1127.4		___ ML	1.5	5084578	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.07	117.3	Lg	08:41:18.312	0.4					T__				___		5084579	FDSN	HU	--	BUD	ILOC	HHZ	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																								
A273A	0.25	213.6		08:41:21.014						___		360.7		___		5084580	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A273A	0.25	213.6	Lg	08:41:25.752	2.6					T__				___		5084581	FDSN	Z3	00	BUD	ILOC	HHE	???	_
A266A	0.44	23.4	Lg	08:41:31.973	1.7					T__				___		5084584	FDSN	Z3	00	BUD	ILOC	HHN	???	_
MORH	0.45	77.7	Pn	08:41:24.132	-3.4					T__		43.7		___ ML	1.2	5084582	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.45	77.7	Lg	08:41:31.079	0.6					T__				___		5084583	FDSN	HU	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
MPLH	1.10	343.0	Lg	08:41:51.331	-0.9					T__				___		5084585	FDSN	HU	--	BUD	ILOC	HHN	???	_
PSZI	2.21	34.9	I	08:55:20.085	8.9	212.7	-3.6			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020vvea Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/06	10:08:55.35	1.46	0.37	48.7177	20.8721	16.5	5.9	3	0.0	0.0	8	0	282	0.31	1.03	sx	BUD	5084609	scolv			
2020/11/06	10:08:57.23	1.40	0.69	48.5513	20.8191	9.6	3.2	24	0.0f		8	5	238	0.19	0.89	sx	KRSZO	1	KRSZO			331

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.1	4 BUD	5084609
ML	1.3	0.1	4 KRSZO	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
JOS	0.19	253.5	Pg	10:09:01.290	-0.0					T__		158.4		___ ML	1.0	5084610	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.19	253.5	Lg	10:09:04.946	0.4					T__				___		5084611	FDSN	ZJ	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																								
KECS	0.23	253.0	Pg	10:09:01.757	-0.3					T__		256.9		___ ML	1.4	5084612	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.23	253.0	Lg	10:09:06.162	0.3					T__				___		5084613	FDSN	SK	--	BUD	ILOC	EHN	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								
ABAH	0.38	132.2	Pg	10:09:05.445	0.4					T__		80.7		___ ML	1.3	5084614	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
ABAH	0.38	132.2	Lg	10:09:10.363	-1.4					T__				___		5084615	FDSN	HU	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																								
HU02A	0.47	204.7	Pg	10:09:07.464	0.2					___		68.7		___ ML	1.4	5084616	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=1)																								

PSZ	0.89	224.7	Lg	10:09:29.197	0.0					T__						5084617	FDSN	GE	--	BUD	ILOC	HHN	???	_
PSZI	0.89	224.7	I	10:14:02.563	6.3	43.5	-0.5			_A_						1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020wasl Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/11/09	11:06:45.92	1.24	0.60	48.6216	20.8526	12.6	10.8	82	0.0	0.0	7	0	298	0.24	1.35	sx	BUD	5085229	scolv				
2020/11/09	11:06:46.30	1.41	0.42	48.5572	20.7937	5.9	4.1	44	0.0f		9	5	294	0.18	1.30	sx	KRSZO	1	KRSZO			315	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.2	4 BUD	5085229
ML	1.2	0.3	4 KRSZO	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	
JOS	0.18	250.1	Pg	11:06:50.122	0.0					T__		124.0		___	ML	0.9	5085230	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.18	250.1	Lg	11:06:53.118	0.0					T__				___		5085231	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 0.9 magdef=1 Station ML: 0.9 magdef=1)																									
KECS	0.22	250.2	Pg	11:06:50.576	-0.3					T__		273.5		___	ML	1.3	5085232	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.22	250.2	Lg	11:06:54.713	0.3					T__				___		5085233	FDSN	SK	--	BUD	ILOC	EHE	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
HU02A	0.47	202.5	Pg	11:06:56.301	0.0					T__		27.0		___	ML	1.0	5085234	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.47	202.5	Lg	11:07:03.715	-0.2					T__				___		5085235	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=1)																									
PSZI	0.88	223.6	I	11:11:42.558	0.0	41.5	-1.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
VYHS	1.30	267.9	Pn	11:07:11.820	0.9					T__		17.6		___	ML	1.5	5085236	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									

Event bud2020wauw Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/11/09	12:19:27.71	0.93	0.54	48.1033	19.9569	14.9	4.5	128	0.0	0.0	5	0	211	0.19	0.55	sx	BUD	5085257	scolv				
2020/11/09	12:19:25.92	1.05	0.83	47.8659	20.1649	4.0	1.0	107	0.0f		7	4	242	0.19	0.68	sx	KRSZO	1	KRSZO			264	

(#PRIME)
(locality : Kisdána Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.1	0.2	2 BUD	5085257

Sta	Dist	EvAz	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	286.2	Pg	12:19:31.000	0.5					T__		248.5		___	ML	1.2	5085258	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.19	286.2	Lg	12:19:33.600	-0.7					T__				___		5085259	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																									
PSZI	0.19	286.0	I	12:20:26.048	-1.0	103.6	-2.2			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU02A	0.35	43.2	Pg	12:19:34.000	0.4					T__		36.7		___	ML	0.8	5085262	FDSN	ZJ	00	BUD	ILOC	HHE	HHZ	_
HU02A	0.35	43.2	Lg	12:19:38.900	-0.8					T__				___		5085260	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 0.8 magdef=1)																									

(Station ML: 0.8 magdef=0

J05 0.68 21.5 Lg 12:19:49.300 -0.6 T__ ___ 5085261 FDSN ZJ -- BUD ILOC HHN ??? _

Event bud2020wbbu Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/09	15:49:59.90	0.75	1.11	47.4703	16.3784	8.5	3.6	144	0.0	0.0	8	0	216	0.25	1.09	sx	BUD	5085281	scolv			
2020/11/09	15:49:59.21	1.33	1.30	47.4803	16.4096	9.2	4.9	134	0.0f		9	8	171	0.23	2.39	sx	KRSZO	1	KRSZO			216

(#PRIME)

(locality : Burgruine-Landsee Austria)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.0	0.0	1 BUD	5085281

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
SOP	0.23	26.3	Pg	15:50:04.403	0.3					T__		109.4		___	ML	1.0	5085283	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
SOP	0.23	26.3	Lg	15:50:07.047	-0.6					T__				___		5085284	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.0 magdef=1																									
(Station ML: 1.0 magdef=0																									
A011B	0.31	257.0	Lg	15:50:11.124	1.5					T__				___		5085286	FDSN	Z3	00	BUD	ILOC	HH3	???	_	
A004A	0.48	359.0	Lg	15:50:15.953	0.1					T__				___		5085287	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
CONA	0.58	320.7	Lg	15:50:17.535	-1.0					T__				___		5085282	FDSN	OE	--	BUD	ILOC	HHZ	???	_	
ARSA	0.64	249.4	Lg	15:50:17.869	-2.0					T__				___		5085288	FDSN	OE	--	BUD	ILOC	HHE	???	_	
A013A	0.89	311.1	Lg	15:50:28.369	0.3					T__				___		5085289	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
MODS	1.07	32.8	Sn	15:50:35.361	-1.6					T__				___		5085285	FDSN	SK	--	BUD	ILOC	HHN	???	_	
PSZI	2.39	78.2	I	16:06:51.718	105.9	261.0	0.3			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020wclg Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/10	09:44:45.84	0.35	1.09	47.8477	19.1530	6.9	3.1	174	0.0	0.0	11	0	166	0.09	1.10	kx	BUD	5085429	scolv			
2020/11/10	09:44:43.98			47.8355	19.1270				0.0							kx	BUD_GT	1	BUD			
2020/11/10	09:44:43.98	0.90	2.73	47.8374	19.1554	2.9	2.5	71	0.0f		13	8	168	0.09	1.10	kx	KRSZO	1	KRSZO			194

(#PRIME)

(locality : Sejce-Vác Hungary)

(GT info : GT2 explosion)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.2	6 BUD	5085429

Magnitude	Err	Nsta	Author	OrigID
ML	1.5	0.1	6 KRSZO	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	
HU10A	0.09	274.9	Pg	09:44:46.269	-0.1					T__		1221.1		___	ML	1.6	5085432	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.09	274.9	Lg	09:44:48.139	-0.4					T__				___		5085433	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=1																									
HU03A	0.31	77.3	Pg	09:44:51.309	0.6					T__		152.9		___	ML	1.3	5085435	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU03A	0.31	77.3	Lg	09:44:57.122	1.4					T__				___		5085434	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.3 magdef=1																									
(Station ML: 1.3 magdef=1																									
PSZI	0.50	80.5	I	09:47:36.619	8.4	263.8	2.7			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.50	80.5	Pg	09:44:53.793	-1.2					T__		62.2		___	ML	1.5	5085436	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.50	80.5	Lg	09:45:02.578	-0.6					T__				___		5085437	FDSN	GE	--	BUD	ILOC	HHN	???	_	

(Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 HU09A 0.56 249.4 Lg 09:45:05.139 0.3 T__
 VYHS 0.69 342.1 Pn 09:44:59.453 -0.6 T__ 16.3 ___ ML 1.1 5085430 FDSN SK -- BUD ILOC HHZ HHZ _
 VYHS 0.69 342.1 Lg 09:45:07.905 -0.5 T__ ___ 5085431 FDSN SK -- BUD ILOC HHE ??? _
 (Reading ML: 1.1 magdef=1
 (Station ML: 1.1 magdef=1
 HU02A 0.96 72.3 Pg 09:45:03.660 -0.2 T__ 32.5 ___ ML 1.5 5085440 FDSN ZJ 00 BUD ILOC HHZ HHZ _
 (Reading ML: 1.5 magdef=1
 (Station ML: 1.5 magdef=1
 KECS 1.10 53.5 Pg 09:45:05.959 0.1 T__ 94.8 ___ ML 2.1 5085439 FDSN SK -- BUD ILOC EHE EHZ _
 (Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=0

Event bud2020wcpf Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/10	11:44:35.40	0.34	1.95	46.9155	17.3183	4.4	3.3	130	0.0	0.0	9	0	103	0.12	0.99	kx	BUD	5085540	scolv			
2020/11/10	11:44:32.23			46.8548	17.2699				0.0							kx	BUD_GT	1	BUD			
2020/11/10	11:44:32.23	1.36	2.13	46.8991	17.3596	9.3	3.4	155	0.0f		10	7	94	0.15	2.00	kx	KRSZO	1	KRSZO			181

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

Magnitude Err Nsta Author OrigID
 MLv 2.2 0.7 2 BUD 5085540

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
A261A	0.15	290.2	Pg	11:44:35.051	-0.9					T__		12107.3		___	ML	2.8	5085541	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A261A	0.15	290.2	Lg	11:44:40.347	1.4					T__				___		5085542	FDSN	Z3	00	BUD	ILOC	HHN	???	_	

(Reading ML: 2.8 magdef=1
 (Station ML: 2.8 magdef=0
 MPLH 0.30 24.3 Pg 11:44:37.997 -0.8 T__ 423.9 ___ ML 1.8 5085544 FDSN HU -- BUD ILOC HHZ HHZ _
 MPLH 0.30 24.3 Lg 11:44:43.856 -0.1 T__ ___ 5085545 FDSN HU -- BUD ILOC HHN ??? _
 (Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=0
 HU08A 0.66 35.7 Lg 11:44:58.454 2.0 T__ ___ 5085546 FDSN ZJ 00 BUD ILOC HHN ??? _
 CSKK 0.77 52.6 Lg 11:45:02.777 2.1 T__ ___ 5085547 FDSN HU -- BUD ILOC HHE ??? _
 KOGS 0.89 239.8 Sn 11:45:04.585 -0.2 T__ ___ 5085548 FDSN SL -- BUD ILOC BHE ??? _
 KOVH 0.96 147.5 Sn 11:45:05.958 -0.7 T__ ___ 5085549 FDSN HU -- BUD ILOC HHN ??? _
 PSZI 2.00 58.4 I 11:57:01.696 -4.4 235.1 -5.2 TA__ ___ 1 FDSN HN -- BUD ILOC BDF ??? _

Event bud2020whxr Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/13	09:42:09.91	0.54	0.63	46.1216	18.3170	9.0	4.4	158	0.0	0.0	5	0	190	0.15	0.41	sx	BUD	5086160	scolv			
2020/11/13	09:42:08.43	1.02	0.43	46.1469	18.2992	6.7	3.0	143	0.0f		7	4	173	0.15	2.08	sx	KRSZO	1	KRSZO			282

(#PRIME)
 (locality : Komló Hungary)

Magnitude Err Nsta Author OrigID
 MLv 1.4 0.0 2 BUD 5086160

Sta	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	247.2	Pg	09:42:12.180	0.1					T__		444.2		___	ML	1.4	5086163	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.15	247.2	Lg	09:42:15.093	0.0					T__				___		5086164	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
MORH	0.25	74.0	Pg	09:42:14.178	0.2					T__		233.3		___	ML	1.4	5086161	FDSN	HU	--	BUD	ILOC	HHE	HHZ	_
MORH	0.25	74.0	Lg	09:42:17.943	-0.5					T__				___		5086162	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																									
A266A	0.38	356.4	Lg	09:42:22.550	-0.3					T__				___		5086165	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
PSZI	2.08	31.0	I	09:55:14.987	0.6	205.3	-6.9			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020wnos Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/11/16	11:59:39.60	0.44	1.33	47.8984	18.9756	5.1	4.9	90	0.0	0.0	6	0	113	0.06	1.06	sx	BUD	5087026	scolv					
2020/11/16	11:59:36.86	1.05	6.10	47.9020	18.9132	4.2	3.0	89	0.0f		8	6	121	0.09	1.10	sx	KRSZO	1	KRSZO			226		
(#PRIME) (locality : Márianosztra Hungary)																								

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.0	2 BUD	5087026

Sta	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	128.7	Pg	11:59:38.474	-0.7					T__		1823.7		___	ML	1.8	5087027	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.09	128.7	Lg	11:59:41.102	-0.2					T__				___		5087028	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=0)																									
HU09A	0.44	233.8	Lg	11:59:55.903	2.2					T__				___		5087029	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
VYHS	0.59	355.1	Lg	11:59:58.431	0.5					T__				___		5087030	FDSN	SK	--	BUD	ILOC	HHN	???	_	
PSZI	0.66	88.3	I	12:03:28.101	13.4	269.2	0.2			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.66	88.2	Lg	12:00:01.045	-0.3					T__				___		5087031	FDSN	GE	--	BUD	ILOC	HHE	???	_	
HU02A	1.10	77.9	Pg	11:59:59.497	-0.0					T__		37.9		___	ML	1.7	5087032	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=0)																									

Event bud2020wrcw Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp		
2020/11/18	10:33:27.44	0.46	0.38	48.4941	19.5593	8.5	3.9	2	0.0	0.0	6	0	179	0.48	0.65	sx	BUD	5087366	scolv					
2020/11/18	10:33:25.97	1.00	3.83	48.5243	19.5659	4.9	2.6	170	0.0f		8	5	185	0.49	0.65	sx	KRSZO	1	KRSZO			292		
(#PRIME) (locality : Mytna Slovakia)																								

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.5	2 BUD	5087366

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
VYHS	0.49	266.7	Pg	10:33:36.441	0.5					T__		26.4		___	ML	1.1	5087372	FDSN	SK	--	BUD	ILOC	HHN	HHZ	_
VYHS	0.49	266.7	Lg	10:33:42.988	-0.2					T__				___		5087371	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=0)																									
KECS	0.61	93.5	Lg	10:33:47.684	0.2					T__				___		5087369	FDSN	SK	--	BUD	ILOC	EHN	???	_	

PSZ	0.64	160.0	Lg	10:33:47.159	-2.6	T__										5087370	FDSN	GE	--	BUD	ILOC	HHE	???	_
PSZI	0.65	160.0	I	10:37:06.874	8.1	339.9	-0.4	TA_								1	FDSN	HN	--	BUD	ILOC	BDF	???	_
JOS	0.65	92.2	Pg	10:33:39.405	0.5	T__				78.2						5087367	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.65	92.2	Lg	10:33:48.171	-0.5	T__										5087368	FDSN	ZJ	--	BUD	ILOC	HHE	???	_

(Reading ML: 1.8 magdef=1
 (Station ML: 1.8 magdef=0)

Event bud2020wrdu Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/11/18	11:00:41.06	0.34	1.81	46.8500	17.2500	5.3	3.2	135	0.0	0.0	9	0	120	0.10	0.86	sx	BUD	5087394	scolv				
2020/11/18	11:00:39.83			46.8548	17.2699				0.0							kx	BUD_GT	1	BUD				
2020/11/18	11:00:39.83	0.89	1.61	46.8751	17.3308	4.5	3.1	151	0.0f		19	11	94	0.15	2.03	sx	KRSZO	1	KRSZO			155	

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

Magnitude	Err	Nsta	Author	OrigID
MLv	2.2	0.4	3 BUD	5087394
ML	2.6	0.1	4 KRSZO	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	
A261A	0.15	301.7	Pg	11:00:43.700	0.3					T__		10455.0		___	ML	2.7	5087402	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A261A	0.15	301.7	Lg	11:00:45.000	-1.3					T__				___		5087401	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1)																									
MPLH	0.33	25.7	Pg	11:00:47.600	0.6					T__		499.9		___	ML	1.9	5087396	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.33	25.7	Lg	11:00:53.200	0.6					T__				___		5087397	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1 (Station ML: 1.9 magdef=1)																									
HU08A	0.69	35.8	Lg	11:01:04.800	-0.3					T__				___		5087398	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
MSW2	0.74	54.3	Pn	11:00:55.700	-0.7					T__		499.9		___	ML	2.6	5087396	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MSW2	0.74	54.3	Lg	11:01:06.600	-0.5					T__				___		5087397	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 2.6 magdef=1 (Station ML: 2.6 magdef=1)																									
MSW3	0.74	46.6	Sn	11:01:08.200	-1.1					T__				___		5087397	FDSN	HU	--	BUD	ILOC	HHE	???	_	
CSKK	0.80	52.1	Pn	11:00:57.500	0.2					T__				___		5087400	FDSN	HU	--	BUD	ILOC	HHN	???	_	
CSKK	0.80	52.1	Sn	11:01:10.300	-0.6					T__				___		5087400	FDSN	HU	--	BUD	ILOC	HHN	???	_	
MSW1	0.82	50.4	Pn	11:00:58.200	0.6					T__		499.9		___	ML	2.7	5087396	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MSW1	0.82	50.4	Lg	11:01:10.100	0.1					T__				___		5087397	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 2.7 magdef=1 (Station ML: 2.7 magdef=1)																									
KOGS	0.86	240.5	Pg	11:00:55.900	-0.9					T__				___		5087399	FDSN	SL	--	BUD	ILOC	BHE	???	_	
KOGS	0.86	240.5	Lg	11:01:09.000	1.0					T__				___		5087399	FDSN	SL	--	BUD	ILOC	BHE	???	_	
KOVH	0.95	145.7	Pg	11:00:58.700	-0.3					T__				___		5087397	FDSN	HU	--	BUD	ILOC	HHE	???	_	
KOVH	0.95	145.7	Lg	11:01:13.200	1.1					T__				___		5087397	FDSN	HU	--	BUD	ILOC	HHE	???	_	
MORH	1.12	125.6	Sn	11:01:18.100	-0.1					T__				___		5087397	FDSN	HU	--	BUD	ILOC	HHE	???	_	
PSZI	2.03	58.1	I	11:13:19.800	-5.7	234.9	-5.1			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020wrej Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/11/18	11:17:57.82	0.49	1.01	48.5712	20.7374	8.3	3.4	171	0.0	0.0	10	0	162	0.15	1.27	sx	BUD	5087429	scolv				

2020/11/18 11:17:54.79 1.06 1.24 48.5618 20.8276 5.3 3.7 20 0.0f 12 7 160 0.20 1.33 sx KRSZO 1 KRSZO 226
 (#PRIME)
 (locality : Dvorniky-Vcelare Slovakia)

Magnitude Err Nsta Author OrigID
 MLv 1.6 0.3 4 BUD 5087429
 ML 1.6 0.4 4 KRSZO 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	
JOS	0.20	251.1	Pg	11:17:59.450	0.4					T__		394.6		___	ML	1.5	5087430	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.20	251.1	Lg	11:18:02.994	0.6					T__				___		5087431	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
KECS	0.24	251.0	Pg	11:17:59.978	0.2					T__		1153.7		___	ML	2.0	5087432	FDSN	SK	--	BUD	ILOC	EHN	EHZ	_
KECS	0.24	251.0	Lg	11:18:03.772	0.1					T__				___		5087433	FDSN	SK	--	BUD	ILOC	EHN	???	_	
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
ABAH	0.38	133.9	Pn	11:18:06.186	-1.4					T__		91.4		___	ML	1.3	5087435	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
ABAH	0.38	133.9	Lg	11:18:10.591	1.2					T__				___		5087434	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									
PSZ	0.90	224.4	Pg	11:18:14.330	0.6					T__		63.5		___	ML	1.8	5087436	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.90	224.4	Lg	11:18:27.200	0.1					T__				___		5087439	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.8 magdef=1 Station ML: 1.8 magdef=1)																									
PSZI	0.90	224.4	I	11:22:55.662	-2.4	43.1	-0.7			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
KOLS	1.03	68.2	Sn	11:18:33.847	1.3					T__				___		5087437	FDSN	SK	--	BUD	ILOC	HHE	???	_	
VYHS	1.33	267.8	Sn	11:18:38.047	-1.4					T__				___		5087438	FDSN	SK	--	BUD	ILOC	HHE	???	_	

Event bud2020wrgc Hungary

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID Rep DPdep Err Sgp
 2020/11/18 12:10:50.94 1.78 1.43 47.8454 20.1261 27.9 4.6 171 0.0 0.0 5 0 236 0.17 0.87 sx BUD 5087461 scoLv
 2020/11/18 12:10:49.10 1.06 0.49 47.8814 20.1644 3.8 1.0 102 0.0f 8 5 221 0.19 0.83 sx KRSZO 1 KRSZO 236
 (#PRIME)
 (locality : Kisdána Hungary)

Magnitude Err Nsta Author OrigID
 MLv 1.4 0.0 2 BUD 5087461

Sta	Dist	EvAz	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	281.6	Pg	12:10:53.856	0.2					T__		435.7		___	ML	1.5	5087462	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.19	281.6	Lg	12:10:56.836	-0.5					T__				___		5087463	FDSN	GE	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
PSZI	0.19	281.4	I	12:11:49.286	0.4	100.6	-0.6			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU02A	0.34	45.0	Pg	12:10:56.862	0.3					T__		101.2		___	ML	1.3	5087464	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.34	45.0	Lg	12:11:01.805	-0.7					T__				___		5087465	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=0)																									
JOS	0.66	22.1	Pg	12:11:02.719	0.3					T__				___		5087467	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_	
ABAH	0.83	59.7	Sn	12:11:21.395	0.4					T__				___		5087466	FDSN	HU	--	BUD	ILOC	HHE	???	_	

Event bud2020wstg Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/19	07:58:02.81	0.40	0.35	47.0885	18.0680	6.5	3.9	96	0.0	0.0	7	0	153	0.23	1.00	kx	BUD	5087487	scolv			
2020/11/19	07:58:01.23			47.0910	18.0220				0.0							kx	BUD_GT	1	BUD			
2020/11/19	07:58:01.23	0.98	0.75	47.1042	18.0537	6.3	3.7	103	0.0f		8	6	121	0.23	1.49	kx	KRSZO	1	KRSZO			152

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.2	3 BUD	5087487
ML	1.9	0.1	3 KRSZO	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	
TIH	0.23	208.4	Pg	07:58:06.819	0.4					T__		1122.0		___	ML	2.0	5087492	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																									
CSKK	0.29	28.5	Pg	07:58:08.161	0.5					T__		260.4		___	ML	1.5	5087488	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.29	28.5	Lg	07:58:12.566	-0.7					T__				___		5087489	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
HU08A	0.34	344.9	Lg	07:58:13.949	-0.6					T__				___		5087490	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
MPLH	0.36	280.8	Lg	07:58:14.487	-0.4					T__				___		5087491	FDSN	HU	--	BUD	ILOC	HHE	???	_	
KOVH	1.02	178.2	Pg	07:58:21.979	0.2					T__		68.4		___	ML	1.9	5087494	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	1.02	178.2	Lg	07:58:35.571	-1.1					T__				___		5087493	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																									
PSZI	1.49	56.2	I	08:07:53.846	51.4	234.8	-2.7			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020wuss Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/20	09:58:16.75	0.45	0.79	48.4425	17.4480	7.2	3.9	136	0.0	0.0	8	0	152	0.13	1.18	sx	BUD	5087940	scolv			
2020/11/20	09:58:15.32	0.96	2.14	48.4702	17.3733	4.4	3.3	127	0.0f		10	6	106	0.12	1.77	sx	KRSZO	1	KRSZO			144

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.4	3 BUD	5087940
ML	1.7	0.5	3 KRSZO	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	
MODS	0.12	213.5	Pg	09:58:18.201	-0.1					T__				___		5087941	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
MODS	0.12	213.5	Lg	09:58:20.410	-0.5					T__				___		5087942	FDSN	SK	--	BUD	ILOC	HHN	???	_	
JAVC	0.44	26.7	Pg	09:58:24.316	-0.3					T__		138.6		___	ML	1.7	5087943	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
JAVC	0.44	26.7	Lg	09:58:31.167	-0.6					T__				___		5087944	FDSN	CZ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1 Station ML: 1.7 magdef=1)																									
KRUC	0.88	312.8	Lg	09:58:46.982	1.9					T__				___		5087945	FDSN	CZ	--	BUD	ILOC	HHN	???	_	
VYHS	0.97	88.1	Pn	09:58:35.161	-0.4					T__		19.2		___	ML	1.3	5087946	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.3 magdef=1 Station ML: 1.3 magdef=1)																									

CONA 1.15 242.4 Pn 09:58:38.563 0.2 T__ 83.0 ___ ML 2.1 5087947 FDSN OE -- BUD ILOC HHZ HHZ _
 CONA 1.15 242.4 Sn 09:58:55.870 0.5 T__ ___ 5087948 FDSN OE -- BUD ILOC HHN ??? _
 (Reading ML: 2.1 magdef=1
 (Station ML: 2.1 magdef=1
 PSZI 1.77 107.2 I 10:09:21.618 5.2 293.4 4.3 TA_ ___ 1 FDSN HN -- BUD ILOC BDF ??? _

Event bud2020xaed Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/23	09:25:19.20	0.37	1.21	48.5119	17.4582	5.4	3.5	132	0.0	0.0	9	0	130	0.18	1.27	sx	BUD	5088303	scolv			
2020/11/23	09:25:16.98	0.97	0.78	48.5185	17.4498	4.8	3.2	125	0.0f		11	7	109	0.18	1.74	sx	KRSZO	1	KRSZO			132

(#PRIME)
(locality : Trstin Slovakia)

Magnitude Err Nsta Author OrigID
 MLv 1.8 0.3 2 BUD 5088303

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
MODS	0.18	218.4	Pg	09:25:21.262	-0.0					T__						5088304	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
MODS	0.18	218.4	Lg	09:25:24.681	-0.2					T__						5088305	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
JAVC	0.37	23.2	Pg	09:25:24.745	-0.2					T__		167.1		___	ML	1.6	5088306	FDSN	CZ	--	BUD	ILOC	HHZ	HHZ	_
JAVC	0.37	23.2	Lg	09:25:31.186	-0.0					T__				___		5088307	FDSN	CZ	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.6 magdef=1 (Station ML: 1.6 magdef=0)																									
KRUC	0.88	308.3	Sn	09:25:49.714	-0.9					T__						5088309	FDSN	CZ	--	BUD	ILOC	HHZ	???	_	
VYHS	0.92	91.0	Sn	09:25:50.421	-1.5					T__						5088308	FDSN	SK	--	BUD	ILOC	HHN	???	_	
CONA	1.22	241.5	Pn	09:25:41.339	0.4					T__		67.1		___	ML	2.0	5088310	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	1.22	241.5	Sn	09:25:59.139	0.5					T__				___		5088311	FDSN	OE	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.0 magdef=1 (Station ML: 2.0 magdef=0)																									
MORC	1.26	2.7	Lg	09:25:58.831	0.8					T__						5088312	FDSN	CZ	--	BUD	ILOC	HHE	???	_	
PSZI	1.74	109.3	I	09:36:04.907	0.7	296.9	5.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020xafl Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/23	10:04:23.30	0.36	0.73	47.5520	18.6899	4.8	3.1	156	0.0	0.0	10	0	130	0.23	1.26	sx	BUD	5088334	scolv			
2020/11/23	10:04:20.89	0.97	1.09	47.5480	18.7116	3.8	3.3	163	0.0f		12	9	132	0.22	1.27	sx	KRSZO	1	KRSZO			174

(#PRIME)
(locality : Mány Hungary)

Magnitude Err Nsta Author OrigID
 MLv 1.5 0.0 2 BUD 5088334

Sta	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	106.8	Lg	10:04:29.591	-0.7					T__						5088340	FDSN	HU	--	BUD	ILOC	HHE	???	_	
HU09A	0.24	292.3	Lg	10:04:30.031	-0.8					T__						5088339	FDSN	ZJ	00	BUD	ILOC	HHE	???	_	
CSKK	0.36	239.0	Pg	10:04:28.879	0.4					T__		152.2		___	ML	1.5	5088337	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
CSKK	0.36	239.0	Lg	10:04:34.366	-0.6					T__				___		5088338	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1 (Station ML: 1.5 magdef=0)																									
HU10A	0.36	34.8	Lg	10:04:35.115	0.1					T__						5088341	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
PSZI	0.88	64.7	I	10:09:16.023	-1.6	245.4	-0.1			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

PSZ	0.88	64.7	Lg	10:04:52.956	-0.0	T__										5088344	FDSN	GE	--	BUD	ILOC	HHE	???	_		
MPLH	0.88	245.1	Sn	10:04:52.615	-1.5	T__										5088342	FDSN	HU	--	BUD	ILOC	HHE	???	_		
VYHS	0.95	5.0	Pn	10:04:41.704	1.1	T__				28.8						ML	1.5	5088335	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_
VYHS	0.95	5.0	Lg	10:04:53.716	-0.4	T__											5088336	FDSN	SK	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.5 magdef=1)																										
(Station ML: 1.5 magdef=0)																										
MODS	1.27	311.1	Sn	10:05:02.562	-1.7	T__										5088343	FDSN	SK	--	BUD	ILOC	HHE	???	_		

Event bud2020xaix Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/23	11:49:21.66	0.33	0.89	48.3374	19.8718	4.8	3.6	1	0.0	0.0	11	0	105	0.42	0.86	sx	BUD	5088371	scolv			
2020/11/23	11:49:20.04	0.91	1.72	48.3408	19.8671	3.9	1.9	177	0.0f		13	7	105	0.42	0.85	sx	KRSZO	1	KRSZO			164

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.7	0.2	6 BUD	5088371
ML	1.7	0.1	6 KRSZO	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		
PSZ	0.42	177.5	Pg	11:49:29.401	0.1					T__		192.5		___	ML	1.8	5088372	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_	
PSZ	0.42	177.5	Lg	11:49:36.169	-0.1					T__				___		5088378	FDSN	GE	--	BUD	ILOC	HHE	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
PSZI	0.42	177.6	I	11:51:42.397	4.8	356.8	-0.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_		
KECS	0.44	70.7	Pg	11:49:29.250	0.4					T__		271.6		___	ML	1.9	5088375	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_	
KECS	0.44	70.7	Lg	11:49:35.941	0.3					T__				___		5088377	FDSN	SK	--	BUD	ILOC	EHN	???	_		
(Reading ML: 1.9 magdef=1)																										
(Station ML: 1.9 magdef=1)																										
JOS	0.47	70.6	Pg	11:49:29.812	0.2					T__		164.2		___	ML	1.8	5088376	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_	
JOS	0.47	70.6	Lg	11:49:36.907	0.0					T__				___		5088379	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_		
(Reading ML: 1.8 magdef=1)																										
(Station ML: 1.8 magdef=1)																										
HU02A	0.49	116.2	Pg	11:49:30.515	0.1					T__		97.5		___	ML	1.7	5088374	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_	
HU02A	0.49	116.2	Lg	11:49:36.687	-1.7					T__				___		5088373	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_		
(Reading ML: 1.7 magdef=1)																										
(Station ML: 1.7 magdef=1)																										
VYHS	0.70	283.0	Pg	11:49:34.759	0.4					T__		23.8		___	ML	1.3	5088380	FDSN	SK	--	BUD	ILOC	HHZ	HHZ	_	
VYHS	0.70	283.0	Lg	11:49:43.698	-1.0					T__				___		5088381	FDSN	SK	--	BUD	ILOC	HHN	???	_		
(Reading ML: 1.3 magdef=1)																										
(Station ML: 1.3 magdef=0)																										
LANS	0.85	342.1	Pn	11:49:39.985	1.5					T__		46.4		___	ML	1.6	5088382	FDSN	SK	--	BUD	ILOC	EHZ	EHZ	_	
(Reading ML: 1.6 magdef=1)																										
(Station ML: 1.6 magdef=1)																										

Event bud2020xcag Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/24	09:43:50.83	0.57	1.10	46.1104	18.2921	9.3	4.4	159	0.0	0.0	5	0	193	0.14	0.42	sx	BUD	5088492	scolv			
2020/11/24	09:43:49.02	1.07	1.97	46.1022	18.2957	6.2	3.2	148	0.0f		7	4	199	0.14	2.12	sx	KRSZO	1	KRSZO			292

(#PRIME)
(locality : Pécs-Meszes Hungary)

Magnitude Err Nsta Author OrigID
MLv 1.3 0.1 2 BUD 5088492

Sta	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	264.2	Pg	09:43:52.460	0.0					T__		358.6		___ ML	1.2	5088493	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.14	264.2	Lg	09:43:55.799	0.6					T__				___		5088494	FDSN	HU	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=0)																								
MORH	0.27	64.9	Pg	09:43:54.768	-0.2					T__		225.9		___ ML	1.4	5088495	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.27	64.9	Lg	09:44:00.230	0.6					T__				___		5088496	FDSN	HU	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
A266A	0.42	357.1	Lg	09:44:03.726	-1.2					T__				___		5088497	FDSN	Z3	00	BUD	ILOC	HHN	???	_
PSZI	2.12	30.5	I	09:57:14.292	3.7	206.2	-5.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020xcce Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/24	10:41:09.51	0.53	0.42	48.4886	19.5594	8.1	4.2	3	0.0	0.0	7	0	178	0.48	0.74	sx	BUD	5088662	scolv			
2020/11/24	10:41:07.85	1.12	1.66	48.4661	19.5553	4.8	2.7	163	0.0f		9	6	173	0.48	0.73	sx	KRSZO	1	KRSZO			289

(#PRIME)
(locality : Mytna Slovakia)

Magnitude Err Nsta Author OrigID
MLv 1.5 0.2 2 BUD 5088662

Sta	Dist	EvAz	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	273.6	Lg	10:41:24.907	0.0					T__				___		5088668	FDSN	SK	--	BUD	ILOC	HHN	???	_
PSZ	0.59	157.4	Lg	10:41:29.247	-0.6					T__				___		5088669	FDSN	GE	--	BUD	ILOC	HHN	???	_
PSZI	0.59	157.5	I	10:44:26.488	3.7	336.9	-0.8			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
KECS	0.62	88.1	Lg	10:41:29.786	0.1					T__				___		5088663	FDSN	SK	--	BUD	ILOC	EHN	???	_
JOS	0.66	87.0	Pg	10:41:21.270	0.3					T__		36.2		___ ML	1.4	5088664	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.66	87.0	Lg	10:41:30.567	-0.3					T__				___		5088665	FDSN	ZJ	--	BUD	ILOC	HHE	???	_
(Reading ML: 1.4 magdef=1 Station ML: 1.4 magdef=0)																								
HU02A	0.73	117.6	Pg	10:41:23.396	0.3					T__		53.8		___ ML	1.6	5088666	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.73	117.6	Lg	10:41:33.180	-1.3					T__				___		5088667	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=0)																								

Event bud2020xdwz Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/25	10:20:37.26	0.33	1.34	47.0996	17.9505	4.6	3.3	90	0.0	0.0	10	0	110	0.29	1.52	sx	BUD	5088890	scolv			
2020/11/25	10:20:35.29	0.98	1.03	47.1139	17.9794	5.6	4.3	66	0.0f		11	9	105	0.31	1.53	sx	KRSZO	1	KRSZO			164

(#PRIME)
(locality : Királyszentistván Hungary)

Magnitude Err Nsta Author OrigID
MLv 1.7 0.3 2 BUD 5088890

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

MPLH	0.31	280.8	Pg	10:20:41.610	-0.4	T__	252.7	___	ML	1.6	5088893	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.31	280.8	Lg	10:20:48.090	0.9	T__		___			5088894	FDSN	HU	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.6 magdef=1)																			
(Station ML: 1.6 magdef=0)																			
CSKK	0.31	37.4	Lg	10:20:47.398	-0.6	T__		___			5088891	FDSN	HU	--	BUD	ILOC	HHN	???	_
HU08A	0.32	353.2	Lg	10:20:47.834	-0.1	T__		___			5088892	FDSN	ZJ	00	BUD	ILOC	HHE	???	_
MORH	1.01	152.8	Lg	10:21:08.757	-1.4	T__		___			5088895	FDSN	HU	--	BUD	ILOC	HHN	???	_
HU10A	1.02	43.6	Lg	10:21:13.384	1.0	T__		___			5088898	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
KOVH	1.03	175.3	Pg	10:20:56.841	0.8	T__	73.4	___	ML	1.9	5088896	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	1.03	175.3	Lg	10:21:10.672	-0.4	T__		___			5088897	FDSN	HU	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.9 magdef=1)																			
(Station ML: 1.9 magdef=0)																			
MODS	1.35	339.7	Sn	10:21:18.459	-1.8	T__		___			5088899	FDSN	SK	--	BUD	ILOC	HHE	???	_
VYHS	1.50	22.4	Sn	10:21:23.975	-0.1	T__		___			5088900	FDSN	SK	--	BUD	ILOC	HHE	???	_
PSZI	1.53	57.5	I	10:30:32.947	40.8	A_	234.5	___			1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020xdxi Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/25	10:30:53.63	0.34	1.10	47.8843	19.1509	6.5	3.1	156	0.0	0.0	9	0	143	0.10	1.11		kx BUD	5088922		scolv		
2020/11/25	10:30:51.26			47.8355	19.1270				0.0								kx BUD_GT	1		BUD		
2020/11/25	10:30:51.26	0.97	2.76	47.8519	19.1478	3.3	2.6	83	0.0f		11	7	148	0.09	1.13		kx KRSZO	1		KRSZO		183
#PRIME)																						
(locality : Sejce-Vác Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.8	0.3	3 BUD	5088922
ML	1.7	0.1	3 KRSZO	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	
HU10A	0.09	265.6	Pg	10:30:53.865	0.3					T__		3628.8		___	ML	2.1	5088923	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.09	265.6	Lg	10:30:55.620	0.0					T__				___		5088924	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 2.1 magdef=1)																									
(Station ML: 2.1 magdef=1)																									
PSZI	0.51	82.2	I	10:33:43.914	7.4	264.8	2.0			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
PSZ	0.51	82.2	Lg	10:31:10.027	-0.5					T__				___		5088925	FDSN	GE	--	BUD	ILOC	HHN	???	_	
VYHS	0.68	342.1	Lg	10:31:14.803	-0.3					T__				___		5088926	FDSN	SK	--	BUD	ILOC	HHZ	???	_	
CSKK	0.77	231.2	Sn	10:31:21.283	-0.8					T__				___		5088927	FDSN	HU	--	BUD	ILOC	HHE	???	_	
HU02A	0.96	73.2	Pn	10:31:10.347	-0.7					T__		51.1		___	ML	1.7	5088928	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.96	73.2	Lg	10:31:24.587	-1.9					T__				___		5088929	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									
JOS	1.13	54.8	Pg	10:31:14.573	0.9					T__		35.3		___	ML	1.7	5088930	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	1.13	54.8	Sn	10:31:30.068	-0.6					T__				___		5088931	FDSN	ZJ	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.7 magdef=1)																									
(Station ML: 1.7 magdef=1)																									

Event bud2020xmyb Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/30	09:07:08.09	0.87	0.85	46.1208	18.0655	11.2	5.1	144	0.0	0.0	5	0	216	0.04	0.41		sx BUD	5089778		scolv		
2020/11/30	09:07:06.53	1.09	3.46	46.0468	18.0926	7.0	3.9	131	0.0f		7	4	169	0.04	2.24		sx KRSZO	1		KRSZO		300

(#PRIME)

(locality : Bükkösd Hungary)

Magnitude Err Nsta Author OrigID
MLv 1.3 0.4 2 BUD 5089778

Sta	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	7.0	Pg	09:07:07.829	-0.3					T__		1324.8		___	ML	1.5	5089779	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.04	7.0	Lg	09:07:09.014	-0.7					T__				___		5089780	FDSN	HU	--	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=0)																									
A273A	0.23	236.0	Lg	09:07:16.841	1.4					T__				___		5089781	FDSN	Z3	00	BUD	ILOC	HHN	???	_	
MORH	0.42	66.1	Pg	09:07:15.305	-0.1					T__		36.3		___	ML	1.0	5089782	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.42	66.1	Lg	09:07:22.092	-0.1					T__				___		5089783	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.0 magdef=1 Station ML: 1.0 magdef=0)																									
PSZI	2.24	32.7	I	09:21:21.986	6.7	214.9	0.9			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020xnhr Slovakia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/11/30	13:57:55.72	1.22	0.52	48.5727	20.3348	12.9	5.3	164	0.0	0.0	9	0	269	0.13	0.72	sx	BUD	5089842	scolv			
2020/11/30	13:57:54.92	1.11	0.90	48.5350	20.3320	4.6	3.1	3	0.0f		11	6	260	0.11	0.68	sx	KRSZO	1	KRSZO			265

(#PRIME)

(locality : Slavec Slovakia)

Magnitude Err Nsta Author OrigID
MLv 1.4 0.2 4 BUD 5089842
ML 1.4 0.2 4 KRSZO 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	
KECS	0.11	116.9	Pg	13:57:57.760	0.3					T__		725.9		___	ML	1.5	5089845	FDSN	SK	--	BUD	ILOC	EHE	EHZ	_
KECS	0.11	116.9	Lg	13:57:59.186	-0.4					T__				___		5089846	FDSN	SK	--	BUD	ILOC	EHZ	???	_	
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																									
JOS	0.14	105.8	Pg	13:57:58.361	0.3					T__		354.4		___	ML	1.2	5089843	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.14	105.8	Lg	13:58:00.409	-0.1					T__				___		5089844	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
HU02A	0.43	162.6	Pg	13:58:05.592	1.4					T__		45.0		___	ML	1.2	5089850	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.43	162.6	Lg	13:58:09.936	-1.3					T__				___		5089847	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
(Reading ML: 1.2 magdef=1 Station ML: 1.2 magdef=1)																									
ABAH	0.65	111.2	Lg	13:58:17.615	-1.2					T__				___		5089851	FDSN	HU	--	BUD	ILOC	HHE	???	_	
PSZ	0.68	205.5	Pg	13:58:09.360	-0.1					T__		51.5		___	ML	1.6	5089848	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.68	205.5	Lg	13:58:19.105	-0.8					T__				___		5089849	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.6 magdef=1 Station ML: 1.6 magdef=1)																									
PSZI	0.68	205.6	I	14:01:41.591	0.5	28.6	3.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020xpdo Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
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2020/12/01 14:09:43.61 0.55 0.75 47.5745 16.3251 6.9 4.2 135 0.0 0.0 9 0 198 0.30 1.49 sx BUD 5090104 scolv
 2020/12/01 14:09:42.35 1.19 0.52 47.5664 16.3844 7.7 4.5 132 0.0f 10 7 161 0.33 2.39 sx KRSZO 1 KRSZO 205
 (#PRIME)
 (locality : Burgruine-Landsee Austria)

Magnitude Err Nsta Author OrigID
 MLv 1.5 0.4 3 BUD 5090104
 ML 1.5 0.6 3 KRSZO 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
A011B	0.33	241.5	Pg	14:09:48.863	-0.1					T__		80.7		___ ML	1.1	5090107	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A011B	0.33	241.5	Lg	14:09:53.268	0.1					T__				___		5090108	FDSN	Z3	00	BUD	ILOC	HHZ	???	_
(Reading ML: 1.1 magdef=1 Station ML: 1.1 magdef=1)																								
CONA	0.51	315.9	Pg	14:09:52.346	-0.1					T__		69.1		___ ML	1.5	5090105	FDSN	OE	--	BUD	ILOC	HHZ	HHZ	_
CONA	0.51	315.9	Lg	14:09:59.107	-0.2					T__				___		5090106	FDSN	OE	--	BUD	ILOC	HHN	???	_
(Reading ML: 1.5 magdef=1 Station ML: 1.5 magdef=1)																								
A013A	0.83	307.4	Lg	14:10:09.506	0.5					T__				___		5090109	FDSN	Z3	00	BUD	ILOC	HHE	???	_
A018A	0.90	281.8	Pg	14:09:59.850	0.0					T__		86.0		___ ML	1.9	5090110	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
MODS	1.01	36.3	Pg	14:10:03.180	0.4					T__				___		5090111	FDSN	SK	--	BUD	ILOC	HHZ	???	_
MODS	1.01	36.3	Lg	14:10:17.830	-0.5					T__				___		5090112	FDSN	SK	--	BUD	ILOC	HHE	???	_
KRUC	1.50	0.3	Sn	14:10:29.035	-1.1					T__				___		5090113	FDSN	CZ	--	BUD	ILOC	HHN	???	_
PSZI	2.39	80.3	I	14:26:30.414	101.2	262.2	-0.7			_A_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020xqob Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/02	08:36:24.99	1.42	0.51	47.7074	18.9654	14.2	6.3	37	0.0	0.0	8	0	282	0.14	1.32	sx	BUD	5090160	scolv			
2020/12/02	08:36:24.22	1.19	1.34	47.7462	19.0302	5.3	2.9	64	0.0f		10	6	276	0.10	1.26	sx	KRSZO	1	KRSZO			282
#PRIME)																						
(locality : Sejce-Vác Hungary)																						

Magnitude Err Nsta Author OrigID
 MLv 2.0 0.1 3 BUD 5090160
 ML 1.9 0.0 3 KRSZO 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
HU10A	0.10	355.5	Pg	08:36:27.065	0.3					T__		2432.3		___ ML	2.0	5090161	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU10A	0.10	355.5	Lg	08:36:28.467	-0.6					T__				___		5090162	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_
(Reading ML: 2.0 magdef=1 Station ML: 2.0 magdef=1)																								
PSZI	0.61	73.2	I	08:39:46.439	2.8	258.8	4.9			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_
PSZ	0.61	73.2	Lg	08:36:45.794	-1.1					T__				___		5090163	FDSN	GE	--	BUD	ILOC	HHZ	???	_
VYHS	0.76	350.2	Lg	08:36:51.070	0.1					T__				___		5090164	FDSN	SK	--	BUD	ILOC	HHN	???	_
HU02A	1.07	68.9	Pg	08:36:46.705	0.4					T__		57.9		___ ML	1.9	5090166	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	1.07	68.9	Sn	08:37:01.161	-1.3					T__				___		5090165	FDSN	ZJ	00	BUD	ILOC	HHN	???	_
(Reading ML: 1.9 magdef=1 Station ML: 1.9 magdef=1)																								
JOS	1.26	52.9	Pg	08:36:49.283	0.1					T__		55.8		___ ML	1.9	5090167	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	1.26	52.9	Sn	08:37:07.621	0.9					T__				___		5090168	FDSN	ZJ	--	BUD	ILOC	HHN	???	_

(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1

Event bud2020xqpi Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/02	09:14:23.37	0.61	0.64	46.0255	18.0786	10.4	6.0	141	0.0	0.0	5	0	175	0.06	0.44	sx	BUD	5090188	scolv			
2020/12/02	09:14:22.22	1.21	0.16	46.1176	18.0550	7.2	3.4	136	0.0f		7	4	174	0.04	2.20	sx	KRSZO	1	KRSZO			261

(#PRIME)
(locality : Bükkösd Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.2	3 BUD	5090188
ML	1.4	0.4	3 KRSZO	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	
KOVH	0.04	133.1	Pg	09:14:23.840	0.0					T__		1054.0		___	ML	1.4	5090189	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
KOVH	0.04	133.1	Lg	09:14:25.345	-0.0					T__				___		5090190	FDSN	HU	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.4 magdef=1 (Station ML: 1.4 magdef=1																									
A273A	0.26	219.7	Pg	09:14:27.989	0.0					T__		488.2		___	ML	1.7	5090191	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
(Reading ML: 1.7 magdef=1 (Station ML: 1.7 magdef=1																									
MORH	0.42	76.4	Pg	09:14:31.189	0.1					T__		50.8		___	ML	1.2	5090192	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MORH	0.42	76.4	Lg	09:14:37.664	-0.3					T__				___		5090193	FDSN	HU	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.2 magdef=1 (Station ML: 1.2 magdef=1																									
PSZI	2.20	34.3	I	09:28:13.582	-0.2	216.0	0.4			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020xqu1 Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp	
2020/12/02	11:49:43.43	0.32	2.05	46.8883	17.3495	4.4	3.2	116	0.0	0.0	10	0	104	0.15	1.03	kx	BUD	5090301	scolv				
2020/12/02	11:49:40.89			46.8548	17.2699				0.0							kx	BUD_GT	1					
2020/12/02	11:49:40.89	0.93	1.29	46.9067	17.3633	4.3	3.0	129	0.0f		12	8	97	0.15	1.99	kx	KRSZO	1	KRSZO				145

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

Magnitude	Err	Nsta	Author	OrigID
MLv	2.1	0.3	3 BUD	5090301
ML	2.2	0.3	3 KRSZO	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	
A261A	0.15	287.2	Pg	11:49:43.926	-0.7					T__		4730.4		___	ML	2.4	5090302	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A261A	0.15	287.2	Lg	11:49:49.336	1.7					T__				___		5090303	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.4 magdef=1 (Station ML: 2.4 magdef=1																									
A263A	0.27	187.1	Pg	11:49:46.365	-0.5					T__		1331.8		___	ML	2.2	5090305	FDSN	Z3	00	BUD	ILOC	HHZ	HHZ	_
A263A	0.27	187.1	Lg	11:49:51.590	0.4					T__				___		5090304	FDSN	Z3	00	BUD	ILOC	HHE	???	_	
(Reading ML: 2.2 magdef=1 (Station ML: 2.2 magdef=1																									
MPLH	0.29	24.5	Pg	11:49:46.237	-1.1					T__		513.1		___	ML	1.8	5090306	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_

MPLH	0.29	24.5	Lg	11:49:51.974	-0.4	T__	---	5090307	FDSN	HU	--	BUD	ILOC	HHE	???	_		
				(Reading ML: 1.8 magdef=1														
				(Station ML: 1.8 magdef=1														
HU08A	0.65	35.9	Lg	11:50:05.728	0.9	T__	---	5090308	FDSN	ZJ	00	BUD	ILOC	HHE	???	_		
KOGS	0.89	239.5	Sn	11:50:13.514	-0.1	T__	---	5090309	FDSN	SL	--	BUD	ILOC	BHE	???	_		
KOVH	0.96	147.9	Lg	11:50:14.436	0.3	T__	---	5090310	FDSN	HU	--	BUD	ILOC	HHE	???	_		
HU09A	1.01	43.1	Lg	11:50:20.273	2.6	T__	---	5090311	FDSN	ZJ	00	BUD	ILOC	HHE	???	_		
PSZI	1.99	58.6	I	12:02:13.897	1.6	238.5	-1.9	TA_	---	1	FDSN	HN	--	BUD	ILOC	BDF	???	_

Event bud2020yhfm Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/11	11:34:25.98	0.82	0.97	47.9224	20.1905	12.9	3.5	156	0.0	0.0	8	0	219	0.20	1.07	kx	BUD	5091322	scolv			
2020/12/11	11:34:23.54			47.8650	20.1529				0.0							kx	BUD_GT	1	BUD			
2020/12/11	11:34:23.54	1.01	1.83	47.8654	20.1828	3.7	1.0	107	0.0f		10	6	234	0.20	1.10	kx	KRSZO	1	KRSZO			255
(#PRIME)																						
(locality : Kisdána Hungary)																						
(GT info : GT2 explosion)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.4	0.3	3 BUD	5091322
ML	1.6	0.0	3 KRSZO	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	
PSZ	0.20	285.4	Pg	11:34:28.837	0.4					T__		588.6		___	ML	1.6	5091326	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.20	285.4	Lg	11:34:31.754	-0.6					T__				___		5091327	FDSN	GE	--	BUD	ILOC	HHE	???	_	
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=1																									
PSZI	0.20	285.2	I	11:35:24.995	-3.5	102.9	-2.1			TA_				___		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU02A	0.34	41.7	Pg	11:34:31.699	0.6					T__		93.9		___	ML	1.2	5091323	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.34	41.7	Lg	11:34:36.851	-0.2					T__				___		5091324	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
(Reading ML: 1.2 magdef=1																									
(Station ML: 1.2 magdef=1																									
HU03A	0.39	275.8	Lg	11:34:38.858	0.5					T__				___		5091328	FDSN	ZJ	00	BUD	ILOC	HHZ	???	_	
JOS	0.67	20.6	Pg	11:34:37.581	0.5					T__		54.1		___	ML	1.6	5091325	FDSN	ZJ	--	BUD	ILOC	HHZ	HHZ	_
JOS	0.67	20.6	Lg	11:34:44.214	-3.2					T__				___		5091329	FDSN	ZJ	--	BUD	ILOC	HHN	???	_	
(Reading ML: 1.6 magdef=1																									
(Station ML: 1.6 magdef=1																									
VYHS	1.10	305.4	Lg	11:35:01.570	-0.2					T__				___		5091330	FDSN	SK	--	BUD	ILOC	HHN	???	_	

Event bud2020ymkl Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/14	07:45:53.69	0.38	0.81	47.1182	18.0224	5.3	3.8	83	0.0	0.0	7	0	121	0.29	1.03	sx	BUD	5091883	scolv			
2020/12/14	07:45:51.59	1.10	0.91	47.1088	18.0560	5.6	4.9	145	0.0f		8	6	101	0.29	1.49	sx	KRSZO	1	KRSZO			166
(#PRIME)																						
(locality : Litér Hungary)																						

Magnitude	Err	Nsta	Author	OrigID
MLv	1.5	0.1	2 BUD	5091883

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID	Agy	Deploy	Ln	Auth	Rep	PCh	ACh	L	
CSKK	0.29	28.6	Pg	07:45:58.360	0.4					T__		286.4		___	ML	1.6	5091884	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_

CSKK	0.29	28.6	Lg	07:46:03.022	-0.4	T__	---	5091885	FDSN	HU	--	BUD	ILOC	HHN	???	_			
				(Reading ML: 1.6 magdef=1															
				(Station ML: 1.6 magdef=0															
HU08A	0.33	344.5	Lg	07:46:03.944	-0.9	T__	---	5091886	FDSN	ZJ	00	BUD	ILOC	HHN	???	_			
MPLH	0.36	280.1	Pg	07:45:59.914	0.6	T__	169.0	---	ML	1.5	5091889	FDSN	HU	--	BUD	ILOC	HHZ	HHZ	_
MPLH	0.36	280.1	Lg	07:46:04.456	-0.8	T__	---	5091887	FDSN	HU	--	BUD	ILOC	HHN	???	_			
				(Reading ML: 1.5 magdef=1															
				(Station ML: 1.5 magdef=0															
MORH	0.98	155.4	Sn	07:46:27.362	0.6	T__	---	5091890	FDSN	HU	--	BUD	ILOC	HHZ	???	_			
KOVH	1.02	178.3	Lg	07:46:25.919	-1.3	T__	---	5091888	FDSN	HU	--	BUD	ILOC	HHE	???	_			
PSZI	1.49	56.3	I	07:55:42.036	50.9	239.7	2.0	_A	---	1	FDSN	HN	--	BUD	ILOC	BDF	???	_	

Event bud2020yqii Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/16	11:14:26.37	0.42	0.77	47.9361	20.1479	6.5	4.0	161	0.0	0.0	6	0	148	0.17	0.37	kx	BUD	5092593	scolv			
2020/12/16	11:14:24.19			47.8650	20.1529				0.0							kx	BUD_GT	1	BUD			
2020/12/16	11:14:24.19	1.01	1.30	47.8765	20.1568	3.5	0.9	104	0.0f		8	5	121	0.18	0.38	kx	KRSZO	1	KRSZO			241

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.3	0.2	2 BUD	5092593

Sta	Dist	EvAz	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	283.4	Pg	11:14:28.639	-0.0					T__		529.0		---	ML	1.5	5092596	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.18	283.4	Lg	11:14:31.549	-0.7					T__				---		5092597	FDSN	GE	--	BUD	ILOC	HHN	???	_	
				(Reading ML: 1.5 magdef=1																					
				(Station ML: 1.5 magdef=0																					
PSZI	0.18	283.2	I	11:15:24.698	2.0	103.5	0.5			TA_				---		1	FDSN	HN	--	BUD	ILOC	BDF	???	_	
HU23A	0.25	165.2	Lg	11:14:35.939	1.7					T__				---		5092599	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
HU02A	0.35	45.0	Pg	11:14:31.571	-0.3					T__		99.7		---	ML	1.3	5092594	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU02A	0.35	45.0	Lg	11:14:36.928	-0.9					T__				---		5092595	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	
				(Reading ML: 1.3 magdef=1																					
				(Station ML: 1.3 magdef=0																					
HU03A	0.38	274.4	Lg	11:14:38.649	0.3					T__				---		5092598	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	

Event bud2020ysxj Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/17	11:31:23.32	0.34	0.82	47.9646	20.0581	2.8	2.3	153	0.4	1.5	24	0	87	0.12	2.31	sx	BUD	5092758	scolv			
2020/12/17	11:31:21.31	0.84	1.94	47.9080	20.0695	2.6	0.6	95	0.0f		26	19	82	0.12	2.27	sx	KRSZO	1	KRSZO			112

(#PRIME)
(locality : Recsk Hungary)

Magnitude	Err	Nsta	Author	OrigID
MLv	1.9	0.2	6 BUD	5092758
ML	1.9	0.1	6 KRSZO	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	
PSZ	0.12	275.1	Pg	11:31:24.172	-0.3					T__		2505.0		---	ML	2.0	5092759	FDSN	GE	--	BUD	ILOC	HHZ	HHZ	_
PSZ	0.12	275.1	Lg	11:31:26.748	-0.5					T__				---		5092760	FDSN	GE	--	BUD	ILOC	HHE	???	_	

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(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
PSZI 0.12 274.9 I 11:32:04.519 5.0 95.9 1.2 TA_ --- 1 FDSN HN -- BUD ILOC BDF ??? _
HU23A 0.30 155.6 Lg 11:31:33.999 1.0 T__ --- 5092767 FDSN ZJ 00 BUD ILOC HHE ??? _
TENKA 0.32 143.4 Lg 11:31:34.990 1.3 T__ --- 5092768 FDSN HU -- BUD ILOC HHN ??? _
HU03A 0.32 269.4 Pg 11:31:28.535 0.3 T__ 332.9 --- ML 1.7 5092770 FDSN ZJ 00 BUD ILOC HHZ HHZ _
HU03A 0.32 269.4 Lg 11:31:33.920 0.5 T__ --- 5092771 FDSN ZJ 00 BUD ILOC HHN ??? _
(Reading ML: 1.7 magdef=1
(Station ML: 1.7 magdef=1
ATAN3 0.35 147.2 Lg 11:31:35.974 1.0 T__ --- 5092769 FDSN HU -- BUD ILOC HHE ??? _
HU02A 0.37 54.8 Pg 11:31:28.214 -1.2 T__ 363.7 --- ML 1.9 5092761 FDSN ZJ 00 BUD ILOC HHZ HHZ _
HU02A 0.37 54.8 Lg 11:31:35.024 -0.8 T__ --- 5092762 FDSN ZJ 00 BUD ILOC HHZ ??? _
(Reading ML: 1.9 magdef=1
(Station ML: 1.9 magdef=1
BSZH 0.62 167.5 Lg 11:31:44.985 0.4 T__ --- 5092772 FDSN HU -- BUD ILOC HHE ??? _
HU01A 0.64 208.5 Lg 11:31:45.499 0.4 T__ --- 5092773 FDSN ZJ 00 BUD ILOC HHN ??? _
JOS 0.67 27.9 Pg 11:31:34.307 -0.4 T__ 128.5 --- ML 2.0 5092763 FDSN ZJ -- BUD ILOC HHZ HHZ _
JOS 0.67 27.9 Lg 11:31:44.186 -0.7 T__ --- 5092764 FDSN ZJ -- BUD ILOC HHE ??? _
(Reading ML: 2.0 magdef=1
(Station ML: 2.0 magdef=1
HU10A 0.71 265.3 Lg 11:31:46.135 -1.3 T__ --- 5092774 FDSN ZJ 00 BUD ILOC HHN ??? _
ABAH 0.88 63.2 Pg 11:31:39.973 1.3 T__ 115.8 --- ML 2.1 5092765 FDSN HU -- BUD ILOC HHZ HHZ _
ABAH 0.88 63.2 Lg 11:31:51.511 -1.3 T__ --- 5092766 FDSN HU -- BUD ILOC HHE ??? _
(Reading ML: 2.1 magdef=1
(Station ML: 2.1 magdef=0
VYHS 1.01 305.9 Pn 11:31:42.581 0.8 T__ 26.2 --- ML 1.5 5092776 FDSN SK -- BUD ILOC HHZ HHZ _
VYHS 1.01 305.9 Lg 11:31:54.817 -1.7 T__ --- 5092775 FDSN SK -- BUD ILOC HHN ??? _
(Reading ML: 1.5 magdef=1
(Station ML: 1.5 magdef=0
HU24A 1.24 143.1 Sn 11:32:04.726 2.1 T__ --- 5092778 FDSN ZJ 00 BUD ILOC HHN ??? _
HU06A 1.24 164.0 Lg 11:32:05.765 0.9 T__ --- 5092777 FDSN ZJ 00 BUD ILOC HHN ??? _
CSKK 1.34 246.6 Sn 11:32:07.378 1.7 T__ --- 5092779 FDSN HU -- BUD ILOC HHN ??? _
A267A 1.44 228.8 Sn 11:32:10.717 2.9 T__ --- 5092780 FDSN Z3 00 BUD ILOC HHE ??? _
MORH 1.95 210.4 Sn 11:32:25.249 5.4 T__ --- 5092781 FDSN HU -- BUD ILOC HHE ??? _
KOVH 2.27 217.2 Lg 11:32:37.554 -0.2 T__ --- 5092782 FDSN HU -- BUD ILOC HHE ??? _

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Event bud2020ytyj Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	Rep	DPdep	Err	Sgp
2020/12/18	10:45:19.94	0.36	1.17	47.5628	18.4160	5.6	3.4	111	0.0	0.0	8	0	103	0.08	1.36	kx	BUD	5092883	scolv			
2020/12/18	10:45:17.62			47.5600	18.4573				0.0							kx	BUD_GT	1	BUD			
2020/12/18	10:45:17.62	1.02	0.90	47.5496	18.4611	5.7	3.1	93	0.0f		9	7	105	0.10	1.34	kx	KRSZO	1	KRSZO			147

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

Magnitude	Err	Nsta	Author	OrigID
MLv	1.6	0.3	2 BUD	5092883

Sta	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	329.1	Pg	10:45:20.525	0.3					T__		1823.8		ML	1.8	5092886	FDSN	ZJ	00	BUD	ILOC	HHZ	HHZ	_
HU09A	0.10	329.1	Lg	10:45:22.843	0.1					T__					5092887	FDSN	ZJ	00	BUD	ILOC	HHN	???	_	

(Reading ML: 1.8 magdef=1

```

(Station ML: 1.8 magdef=0
CSKK  0.23 216.2 Pg    10:45:22.843  0.1      T__      262.9      ___ ML    1.4 5092884  FDSN HU    -- BUD  ILOC  HHZ HHZ _
CSKK  0.23 216.2 Lg    10:45:26.800  -0.5     T__      ___          ___      5092885  FDSN HU    -- BUD  ILOC  HHZ ??? _
(Reading ML: 1.4 magdef=1
(Station ML: 1.4 magdef=0
HU08A 0.38 252.2 Lg    10:45:32.484  0.2      T__      ___          ___      5092891  FDSN ZJ    00 BUD  ILOC  HHN ??? _
VYHS  0.98 14.8 Lg     10:45:50.088  -1.7     T__      ___          ___      5092888  FDSN SK    -- BUD  ILOC  HHE ??? _
PSZI  1.03 68.6 I      10:52:28.004  74.8 248.1 -1.6    _A_      ___          ___      1        FDSN HN    -- BUD  ILOC  BDF ??? _
PSZ   1.04 68.6 Lg     10:45:55.774  0.7      T__      ___          ___      5092889  FDSN GE    -- BUD  ILOC  HHE ??? _
MORH  1.34 174.6 Sn    10:46:02.842  1.0      T__      ___          ___      5092890  FDSN HU    -- BUD  ILOC  HHE ??? _

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STOP

