



Magyarországi földrengések évkönyve
Hungarian Earthquake Bulletin
2018

Tóth L., Mónus P., Kiszely M., Trosits D.

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Budapest

MAGYARORSZÁGI FÖLDRENGÉSEK ÉVKÖNYVE

HUNGARIAN EARTHQUAKE BULLETIN

2018

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Hivatkozás

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Back cover page:

Earthquakes in Hungary

Historical earthquakes: 456-1994 (grey)

Instrumental earthquakes: 1995-2017 (pink)

Instrumental earthquakes: 2018 (red)

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BEVEZETÉS

A Pannon-medencében a földrengés aktivitás a lemezperemi területekhez képest mérsékelt, a rengések epicentrumainak eloszlása pedig első pillantásra rendszertelennek látszik. Nehéz eldönteni, hogy a földrengések izolált területeken, vagy szeizmikusan aktív vonalak mentén keletkeznek. Mindenesetre felismerhető néhány terület, ahol viszonylag gyakran fordult elő a múltban földrengés. Ilyenek pl. Eger és környéke, ahol 70 év alatt legalább 16 földrengés és több mint 50 nagyobb utórengés történt. Komárom és Mór környékén, Jászberény, Kecskemét és Dunaharaszti közelében szintén jelentős volt az aktivitás egy-egy bizonyos időszakban. Az alacsony szeizmicitás nem feltétlenül jelenti a földrengések méretének csekélységét: komoly épületkárokat okozó földrengésekről van szó, néhány esetben talajfolyósodást is okozó gyorsulásokkal (pl. 1763 Komárom, M 6.2; 1911 Kecskemét, M 5.6; 1956 Dunaharaszti, M 5.6), esetleg a felszínen is megjelenő töréssel (pl. 1834 Érmellék, M 6.2). Ezek a példák azt mutatják, hogy 6.0-6.5 magnitúdójú rengések lehetségesek, de nem gyakoriak a Pannon-medencében (Tóth et al., 2002a).

A földtudományi kutatás fontos eleme a szeizmicitás vizsgálata, annak megismerése, hogy milyen gyakorisággal, hol és mekkora földrengések keletkeznek, továbbá melyek azok a szeizmotektonikai folyamatok, melyek a földrengéseket létrehozzák.

Az általános ismeretszerzésen túlmenően a földrengés elleni védekezéshez is fontos segítséget nyújt a szeizmicitás pontos ismerete. Egy terület földrengés veszélyeztetettségét csak komplex szeizmológiai, geofizikai, geológiai ismeretek alapján lehet meghatározni. A legfontosabb információ, mely mennyiségileg meghatározza a földrengésveszélyességet, a terület földrengés története, illetve a jelenkori rengések ismerete. Ehhez nyújt kardinális fontosságú segítséget a földrengés monitorozás, a földrengések megfigyelése, mérése és paramétereinek meghatározása.

Magyarországon a földrengésmérő állomások száma és minősége 1995-ben érte el azt a szintet, hogy a lakosság által érzékelt valamennyi rengést a hálózat nagy valószínűséggel detektálja. Ez nagyrészt annak a szeizmikus megfigyelő hálózatnak volt köszönhető, melyet a Paksi Atomerőmű létesített az atomerőmű telephely tágabb környezetében. Ekkor vált lehetővé a lokális földrengések hipocentrumának számítása. A mérőhálózat 2016-ban ismét nagyot fejlődött, öt lyukszeizmográf állomás épült és kezdte meg működését.

Jelen kiadványunk célja és tartalma pontosan az, amit a címe is jelez: évkönyv, melyben megtalálható minden olyan adat és ismeret, melyet az év során a magyarországi földrengésekkel kapcsolatban összegyűjtöttünk. A célterület a 45.5-49.0 É szélesség és 16.0-23.0 K hosszúság által határolt földrajzi tartomány. Reméljük, hogy hasznát látják munkánknak mindazok, akik földtudományi kutatásaikban felhasználói a szeizmicitás adatoknak, de azok is, akik csupán egy-egy földrengéssel kapcsolatos kérdésükre keresnek választ kiadványunkban.

INTRODUCTION

Seismicity in the Pannonian basin is relatively low comparing to the peripherals and the distribution of earthquake epicenters shows a rather scattered pattern at the first glance. It is particularly difficult to decide whether the epicenters occur at isolated places or along elongated zones however, at several single places earthquakes occur repeatedly. For example, near to Eger (47.9 N; 20.4 E) at least sixteen earthquakes with more than fifty greater aftershocks occurred over a time interval of some 70 years. Komárom and Mór area (47.4-47.8 N; 18.2 E), Jászberény (47.5 N; 20.0 E), Kecskemét (46.9 N; 19.7 E) and Dunaharaszti (47.4 N; 19.0 E) also produced significant activity over a certain but limited period of time. Moderate seismicity does not necessarily mean moderate size of earthquakes: reports of major earthquakes often refer to heavy building damage, liquefaction (e.g. 1763 Komárom earthquake, M 6.2; 1911 Kecskemét earthquake, M 5.6; 1956 Dunaharaszti earthquake, M 5.6) and sometimes the possibility of surface fault rupture (e.g. 1834 Érmellék earthquake, M 6.2). These observations indicate that magnitude 6.0-6.5 earthquakes are possible but not frequent in the Pannonian basin (Tóth et al., 2002b).

The study of the recent seismicity is an important element of seismotectonic research. Earthquakes represent the sudden release of slowly accumulated strain energy and hence provide direct evidence of active tectonic processes. However, low and moderate seismicity at intraplate areas generally precludes reliable statistical correlation between epicenters and geological features.

Moreover, as one of the chief contributor to seismic hazard at a given area, detailed knowledge of seismicity also plays an important role in earthquake risk reduction. To be useful, accurately located earthquakes are required. While good information about larger historical earthquakes exists for about the past few hundred years, these are not well enough located. Only modern seismic monitoring networks, capable of locating small magnitude local earthquakes provide the necessary information to close this knowledge gap. The developing database of well-located earthquakes can be used, in one hand, to resolve the tectonic framework and required on the other hand to refine our understanding of the level of seismic risk.

1995 was a milestone in the history of Hungarian seismological observations as the Paks Nuclear Power Plant Ltd. installed a network of high quality digital seismographs. For the first time, this network made it possible to detect and locate small magnitude local seismic events in most parts of the country. In 2016, the network significantly developed again, as five new borehole stations were built and began operations.

The present Earthquake Bulletin is a united annual summary report of all Hungarian earthquake monitoring projects. The information in the Bulletin is based on all available earthquake related data provided by different organizations. The geographic region covered is bounded by latitudes 45.5-49.0 N and longitudes 16.0-23.0 E.

1.

ÖSSZEFOGLALÁS

A 2018. év szeizmikus szempontból összességében átlagosan aktív időszaknak tekinthető Magyarországon, bár az érezhető rengések száma az átlagosnál kevesebb, mindössze három volt. Az év folyamán 1285 szeizmikus eseményről szereztünk tudomást a 45.5-49.0 É szélességi és 16.0-23.0 K hosszúsági koordináták által határolt területen, amelyek közül 321 volt természetes eredetű földrengés, 964 pedig robbantás.

Az észlelt földrengések mérete a $-0.3 \leq M_L \leq 3.4$ lokális magnitúdó tartományba esett. A fészekmélység jellemzően sekély, csak néhány esetben nagyobb 10 km-nél.

A kőbányarobbantások szeizmikus magnitúdói a $0.1 \leq M_L \leq 2.6$ tartományban voltak, a fészekmélységük pedig minden esetben nulla.

Az évben összesen három olyan földrengés volt, melyet a lakosság is érzett.

A legnagyobb műszeresen meghatározott magnitúdójú rengés 3.4 M_L , míg a legnagyobb földrengés intenzitás, melyet Magyarország területéről az év folyamán jelentettek 4 EMS fokozatú volt. Földrengés következtében épületkárok nem keletkeztek.

A rengések mindegyike többé-kevésbé ismert forrászónához köthető. A Vértes hegységben, a Komárom – Berhida közé eső területen, a Móri-árok forrászónában most is számos földrengést regisztráltunk. Ennek egyik, nem szeizmotektonikai magyarázata az állomáshálózat fokozott érzékenysége ezen a területen.

Március 7-én délelőtt 2.3 M_L magnitúdójú földrengés pattant ki Somogy megyében, Vése közelében. A rengés az epicentrum térségében érezhető volt, intenzitása elérte a 4 EMS fokot.

Április 21-én reggel 2.0 M_L magnitúdójú földrengést éreztek a Móri-árok környékén, Csókakő térségében. A rengés intenzitása 4 EMS fokra becsülhető az epicentrum környezetében. A földrengés csak kis területen volt érezhető.

Augusztus 29-én délután 3.0 M_L magnitúdójú földrengést éreztek Gyékényes térségében. A rengés intenzitása 3-4 EMS fokra becsülhető az epicentrum környezetében. A földrengés csak kis területen volt érezhető.

1.

SUMMARY

2018 was an average active year for Hungarian seismicity, however, the number of felt earthquakes was relatively low, only three. Out of the 1285 seismic events located within the area bounded by latitudes 45.5-49.0 N and longitudes 16.0-23.0 E, 321 were identified as natural earthquakes and 964 were known as explosions, mostly quarry blasts.

The magnitude of the earthquakes was in the range of $-0.3 \leq M_L \leq 3.4$. Each of the earthquakes had shallow focal depth typically less than 10 km.

The seismic magnitude of the quarry blasts was in the range of $0.1 \leq M_L < 2.6$ with zero focal depth.

During the year, only three earthquakes were reported as felt.

The highest magnitude assigned to a shock was 3.4 M_L while the highest intensity reported during the year was 4 EMS. No building damage was reported during the year.

All detected and located earthquakes can be connected to more or less well-known source zones. A number of earthquakes were located in the Komárom – Berhida region, in the well-known source zone of the Mór graben. In addition to the undoubted current activity of this area, the high number of detected low magnitude events is partly due to the increased sensitivity of the network here.

On March 7th, a 2.3 M_L magnitude earthquake occurred in Somogy County, near to Vése. The quake was reported felt from the epicentral area. The maximum intensity was estimated around 4 EMS at the epicentral area.

In the morning of April 21st, a 2.0 M_L magnitude earthquake was felt in the Mór Graben area, near to Csókakő. The maximum intensity was estimated 4 EMS. The earthquake was felt in a small area.

In the afternoon of August 29th, a 3.0 M_L magnitude earthquake was felt at Gyékényes area. The maximum intensity was estimated 3-4 EMS. The earthquake was felt in a small area.

2.

FÖLDRENGÉS MEGFIGYELŐ ÁLLOMÁSOK MAGYARORSZÁGON

2018-ban 32 állandó szeizmográf állomás működött Magyarországon, melyek közül öt lyukszeizmográf, huszonhét felszíni állomás. Az állomások közül tizenhetet a GeoRisk Földrengés Mérnöki Iroda Kft., tizenötöt pedig az MTA CSFK Geodéziai és Geofizikai Intézet (MTA CSFK GGI) üzemeltetett (2.1. Táblázat és 2.1. ábra).

Szélessávú lyukszeizmográf állomások

Az év folyamán 5 modern szélessávú lyukszeizmográf állomás működött (PKB1, PKB2, PKB3, PKB4, PKB5). Az állomásokon az érzékelő 3 komponenses szélessávú Nanometrics Trillium Posthole szeizmométer, mely 150 m-es béléscsővezetett fúróluk alá van telepítve. A felszíni aknában elhelyezett digitalizáló, adatgyűjtő és kommunikációs egység Nanometrics Centaur CTR-3. Mindegyik állomás internet összeköttetéssel rendelkezik.

Szélessávú felszíni állomások

2018-ban 15 szélessávú felszíni szeizmológiai állomás működött (ABAH, AMBH, BEHE, BSZH, BUD, CSKK, EGYH, KOVH, LTVH, MORH, MPLH, PSZ, SOP, TIH, TRPA). Az állomások nagy részénél az érzékelő 3 komponenses szélessávú Streckeisen STS-2, illetve STS-2.5 szeizmométer; az érzékelő jele EarthData PS-6-24 digitalizáló egységen át jut a SeisComp szoftverrel felszerelt adatgyűjtő számítógépre. Az AMBH, CSKK, EGYH, LTVH és TIH állomásokon Güralp CMG-3T szeizmométer és Güralp CMG-DM24S3-EAM adatgyűjtő egység található. Mindegyik állomás internet összeköttetéssel rendelkezik.

Rövidperiódusú felszíni állomások

A 13 rövidperiódusú felszíni állomás közül tíz teljesen azonos mérőeszközzel van felszerelve. Ezekon Güralp CMG-40T rövidperiódusú, 3 komponenses szeizmométer és Güralp CMG-DM24S3-EAM digitalizáló és adatgyűjtő működik, folyamatos regisztrálással. Egy állomáson (CSKK) Kinematics SS-1 szenzor és Güralp CMG-DM24S3-EAM digitalizáló és adatgyűjtő működik. További két állomáson (NADP és PNNH) pedig Lennartz LE-3D szenzor, MARS-88MC digitalizáló és SeisComp PC. Mindegyik állomás internet összeköttetéssel rendelkezik.

GeoRisk adatközpont (www.foldrenges.hu)

Az összes mérőállomáson regisztrált adatot egy felhő alapú adatközpontban gyűjtjük és dolgozzuk fel. Az adatok közel valós időben, egy erre a célra kifejlesztett protokoll (SeedLink) felhasználásával jutnak el az adatközpontba. Az adatok átlagos késése a valós időhöz képest 10 másodperc körüli. Minden állomás digitális adataiból napi szeizmogramok készülnek kép formátumban. A képi szeizmogramok egyrészt az érdeklődők tájékoztatását, másrészt a működés ellenőrzését is szolgálják. Ezek a szeizmogramok is közel valós idejűek.

Az események hullámfázisainak körültekintő manuális kimérése alapján állítjuk össze havonta a fázisadatokat (kimérési adatokat) tartalmazó jelentést. A fázisadatokat felhasználásával – a saját adatokat kiegészítve a szomszédos országok szeizmológiai intézményeinek hasonló adataival (2.2. ábra) – havonta eseménylista készül (*Havi Jelentés* és *Havi Földrengés Tájékoztató*), mely a helyi és regionális földrengések hipocentrum adatait tartalmazza.

A mérési adatok, szeizmogramok és a kiértékelés további eredményei nagyrészt nyilvánosan elérhetők az interneten is a www.foldrenges.hu oldalon.

Átlagos zaj- (talajnyugtalanág) viszonyokat feltételezve a magyarországi szeizmológiai hálózat jelenlegi észlelési képessége $M_L=1.0-2.0$ magnitúdó körül van. Az ország középső részén lényegesen alacsonyabb, a határok környékén kissé magasabb az érzékenységi küszöb. Ez azt jelenti, hogy a lakosság által érzékelt valamennyi rengést a hálózat nagy valószínűséggel detektálja.

HUN-Reng virtuális szeizmológiai hálózat

A kommunikáció fejlődése, a valós idejű adatátvitel és az azonos adatátviteli protokoll (SeedLink) Európa-szerte elterjedt használata lehetővé tette, hogy idegen állomások adatait is fogadjuk közel valós időben ugyanúgy, mint a saját állomásainkét (2.2. Táblázat). Az összes elérhető hazai és külföldi állomások mérési adatainak felhasználásával a földrengések paraméterei még pontosabban, megbízhatóbban számíthatók ki. Ezen kívül a nagyszámú állomás adatahoz való valós idejű hozzáférés lehetővé tette egy automatikus földrengésjelző rendszer elindítását is. Ez a rendszer automatikusan képes felismerni a földrengéseket, és azok paramétereit néhány percen belül kiszámítja, térképen és listán automatikusan meg is jeleníti. Az online földrengés információ elsősorban gyors tájékoztatásul szolgál (www.foldrenges.hu).

2.

SEISMOGRAPH STATIONS IN HUNGARY

In 2018, there were 32 permanent seismograph stations running in Hungary: five borehole stations and twenty seven surface stations. Seventeen of the permanent stations were operated by GeoRisk Earthquake Engineering Ltd. and fifteen of them by Geodetic and Geophysical Institute, Research Centre for Astronomy and Earth Sciences, Hungarian Academy of Sciences (MTA CSFK GGI). (Table 2.1 and Fig. 2.1)

Broadband borehole stations

During the year, five modern broadband borehole stations were in operation (PKB1, PKB2, PKB3, PKB4, PKB5). Nanometrics Trillium Posthole 3-component broadband seismometers are installed in the bottom of a 150 m deep steel cased borehole at the stations. Nanometrics Centaur CTR-3 digitizers and acquisition systems, along with the communication units are arranged in a small pit. Each station has a connection to the Internet.

Broadband surface stations

Fifteen broadband surface stations (ABAH, AMBH, BEHE, BSZH, BUD, CSKK, EGYH, KOVH, LTVH, MORH, MPLH, PSZ, SOP, TIH, TRPA) were running during the year. Most of these stations have Streckeisen STS-2 or STS-2.5 very broadband seismometers as sensors and EarthData PS-6-24 digitizer. Linux PC's with SeisComP software have been used as data acquisition systems. Five stations (AMBH, CSKK, EGYH, LTVH and TIH) are equipped with Güralp CMG-3T seismometer and Güralp CMG-DM24-S3-EAM data acquisition module. Each station has a connection to the Internet.

Short period surface stations

Out of the thirteen short period stations ten have similar hardware. These stations are equipped with Güralp CMG-40T short period seismometers and Güralp CMG-DM24S3-EAM digital acquisition system. One of the stations, CSKK has Kinometrics short period SS-1 sensors, and Güralp CMG-DM24S3-EAM digital acquisition system for recording and communication with the Data Centre. Two stations, NADP and PNNH have Lennartz LE-3D sensor, MARS-88MC digital acquisition system and SeisComP PC for recording. Continuous data are recorded at each short period station. Each station has a connection to the Internet.

GeoRisk Data Centre (www.foldrenges.hu)

All recorded data from each station are transmitted to and processed at a cloud based *Data Centre*. Using digitally recorded data, analogue “live seismograms” are calculated for each station. The main purposes of the “live seismograms” are feeding public interests in one hand, and rapid visualization of the operational status and quality check of the stations on the other.

A careful manual offline analysis is used for event identification and picking the phases on each recorded seismogram. Merging the phase data of the Hungarian network and the same kind of available data sets from neighboring countries, preliminary event lists are calculated on monthly schedule. Based on technical and operational statistics of the stations, list of local and regional seismic events and their hypocenter information, *Monthly Reports* are compiled.

Data that are collected by the *Data Centre* are published in a variety of formats on the internet at www.foldrenges.hu.

The estimated detection capabilities of the present network with average noise conditions, supposing that at least four stations is needed for origin determination, is typically around 1.0-2.0 M_L , somewhat lower in the middle of the country and a little higher towards the border regions. This means that in most parts of the country it is very unlikely that felt events go undetected.

HUN-Reng Virtual Seismic Network

Development in communication technology and standardized communication protocols, software packages made available to access near real time data of stations beyond the domestic network. SeedLink and SeisComP developed at GEOFON became a kind of standard all over Europe. The larger pool of data provided by an extended, “virtual network” of seismic stations helps to have faster and more accurate earthquake locations and parameter determinations. In addition, near real time access to data from large number of stations makes possible to operate automatic rapid earthquake alarm systems. Automatically generated earthquake lists and epicenter maps are the main product of such systems (www.foldrenge.hu). The present configuration of the *HUN-Reng* virtual seismic network is shown in Table 2.2.

2.1. Táblázat Magyarországi szeizmológiai állomások, műszerek és alapkőzet

Table 2.1. Seismic stations in Hungary, instrumentation and lithology

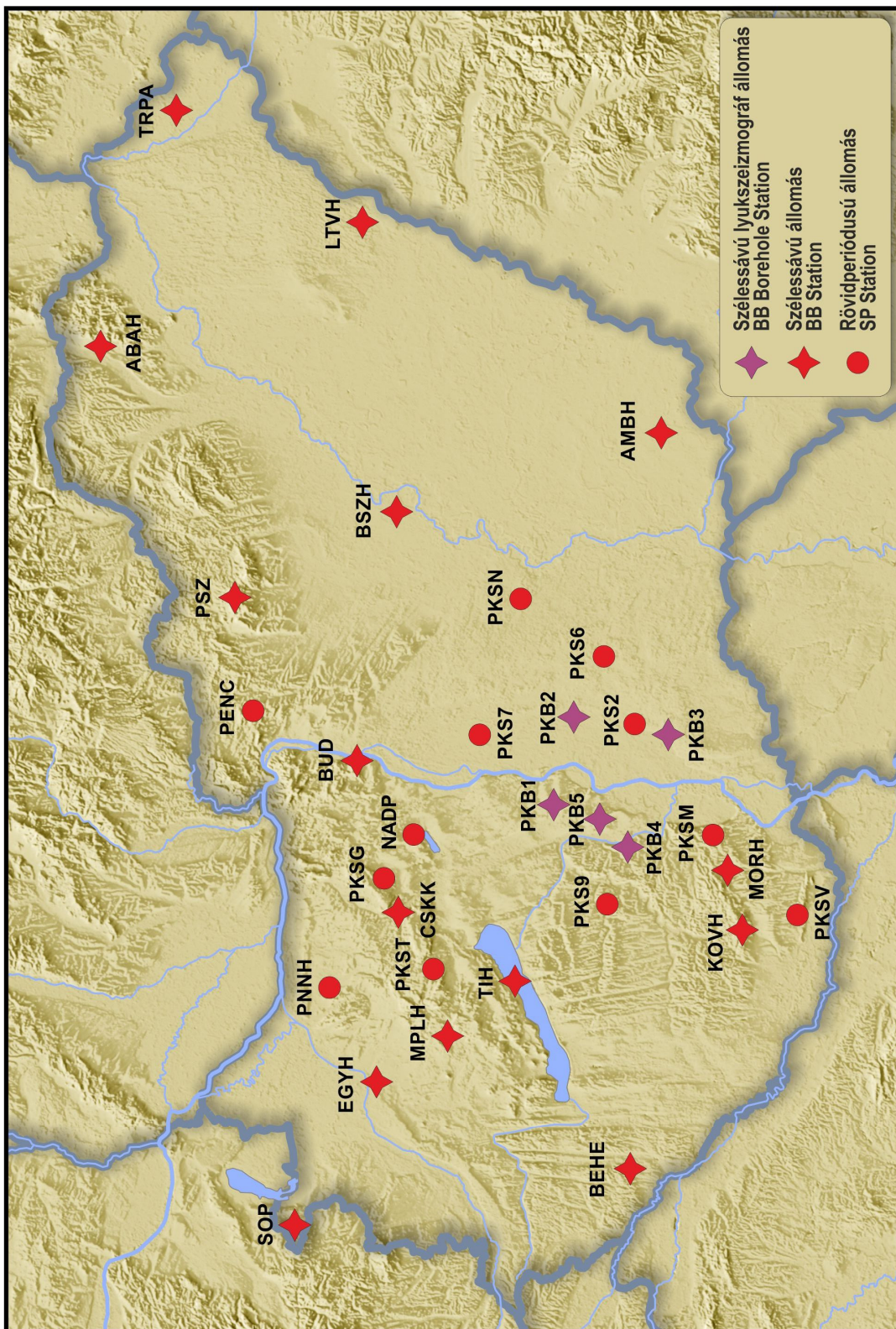
Kód Helység Code Location	Szélesség Latitude (N)	Hosszúság Longitude (E)	Magasság Elevation (m)	Alapkőzet Foundation	Állomás típusa Station type (1)	Érzékelő típusa Sensor type (2)	Adatgyűjtő típusa Recording equipment (3)	Szerv. Org. (4)
ABAH Abaújkér	48.2961	21.2395	173	kőzet rock	3C BB	STS-2.5	CMG-DM24S3- EAM	GGI
AMBH Ambrózfalva	46.3501	20.7258	91	üledék alluvium	3C BB	CMG-3T	CMG-DM24S3- EAM	GGI
BEHE Becsehely	46.4704	16.7757	298	üledék alluvium	3C BB	STS-2	PS-6-24+ SeisComP PC	GGI
BSZH Besenyszög	47.2996	20.2670	82	üledék alluvium	3C BB	STS-2.5	PS-6-24 + SeisComP PC	GGI
BUD Budapest	47.4836	19.0239	196	dolomit dolomite	3C BB	STS-2	PS-6-24+ SeisComP PC	GGI
CSKK Csókakő	47.3631	18.2605	319	dolomit dolomite	3C BB	CMG-3T	CMG-DM24S3- EAM	GGI
EGYH Egyházaskesző	47.4171	17.3318	225	kőzet rock	3C BB	CMG-3T	CMG-DM24S3- EAM	GGI
KOVH Kővágótöttös	46.0883	18.0999	270	mészke limestone	3C BB	STS-2.5	PS-6-24 + SeisComP PC	GGI
LTVH Létavértes	47.3849	21.9007	121	homok sand	3C BB	CMG-3T	CMG-DM24S3- EAM	GGI
MPLH Magyarpolány	47.1702	17.5395	307	kőzet rock	3C BB	STS-2.5	PS-6-24 + SeisComP PC	GGI
MORH Mórág	46.2149	18.6435	135	gránit granite	3C BB	STS-2	PS-6-24 + SeisComP PC	GGI
NADP ⁺ Nadap	47.2577	18.6176	210	kőzet rock	3C SP	LE-3D	MARS-88MC+ SeisComP PC	GR
PENC Penc	47.7905	19.2817	250	üledék alluvium	3C SP	CMG-40T	CMG-DM24S3- EAM	GR
PKS2 Kecel	46.4920	19.2131	106	homok sand	3C SP	CMG-40T	CMG-DM24S3- EAM	GR
PKB1 Előszállás	46.7843	18.7922	178	üledék alluvium	3C BB	TC20-PH2	CTR-3	GR
PKB2 Akasztó	46.6744	19.2419	92	üledék alluvium	3C BB	TC20-PH2	CTR-3	GR
PKB3 Császártöltés	46.4238	19.1949	110	üledék alluvium	3C BB	TC20-PH2	CTR-3	GR
PKB4 Kölesd	46.4963	18.6038	172	üledék alluvium	3C BB	TC20-PH2	CTR-3	GR
PKB5 Pusztahencse	46.5950	18.7356	184	üledék alluvium	3C BB	TC20-PH2	CTR-3	GR
PKS6 Bócsa	46.5998	19.5645	120	homok sand	3C SP	CMG-40T	CMG-DM24S3- EAM	GR
PKS7 Kunszentmiklós	47.0473	19.1609	95	agyag mud	3C SP	CMG-40T	CMG-DM24S3- EAM	GR
PKS9 Tamási	46.5870	18.2789	240	löss loess	3C SP	CMG-40T	CMG-DM24S3- EAM	GR
PKSG Gánt	47.3918	18.3907	200	dolomit dolomite	3C SP	CMG-40T	CMG-DM24S3- EAM	GR
PKSM Mórág	46.2119	18.6413	170	gránit granite	3C SP	CMG-40T	CMG-DM24S3- EAM	GR

Kód Helység Code Location	Szélesség Latitude (N)	Hosszúság Longitude (E)	Magasság Elevation (m)	Alapkőzet Foundation	Állomás típusa Station type (1)	Érzékelő típusa Sensor type (2)	Adatgyűjtő típusa Recording equipment (3)	Szerv. Org. (4)
PKSN Nyárlőrinc	46.8970	19.8667	110	homok sand	3C SP	CMG-40T	CMG-DM24S3- EAM	GR
PKST Tés	47.2590	18.0343	473	dolomit dolomite	3C SP	CMG-40T	CMG-DM24S3- EAM	GR
PKSV Villány	45.8885	18.2521	420	mészkeő limestone	3C SP	CMG-40T	CMG-DM24S3- EAM	GR
PNNH** Pannonhalma	47.5525	17.7611	280	lősz loess	3C SP	LE-3D	MARS-88MC+ SeisComp PC	GR
PSZ Piszkéstető	47.9184	19.8944	940	andezit andesite	3C BB	STS-2	PS-6-24 + SeisComp PC	GEOFON /GGI
SOP Sopron	47.6833	16.5583	260	gneisz gneiss	3C BB	STS-2	PS-6-24 + SeisComp PC	GGI
TIH Tihany	46.9001	17.8877	183	kőzet rock	3C BB	CMG-3T	CMG-DM24S3- EAM	GGI/MFGI
TRPA Tarpa	48.1304	22.5391	113	andezit andesite	3C BB	STS-2	PS-6-24 + SeisComp PC	GGI

* Működés kezdete / Open date: 2018.08.15.

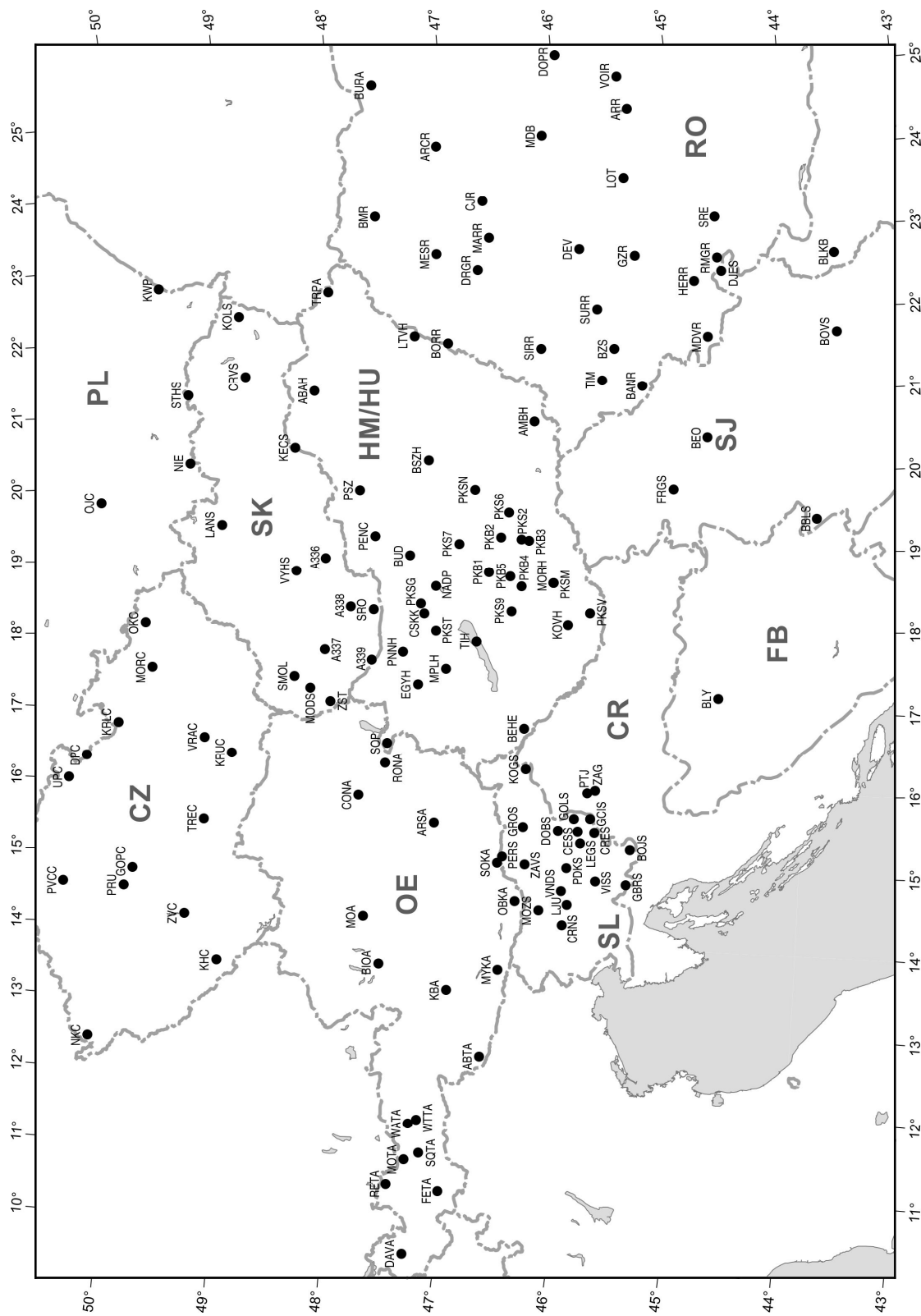
** Működés kezdete / Open date: 2018.03.01.

- (1) 3C – 3 komponenses szeizmométer / three component seismometer
SP – rövid periódusú szeizmométer / short period seismometer
BB – széles sávú szeizmométer / broad band seismometer
- (2) STS-2 / STS-2.5 – Streckeisen széles sávú szeizmométer / Streckeisen broadband seismometer
CMG-40T – Güralp rövidperiódusú szeizmométer / Güralp short period seismometer
CMG-3T – Güralp széles sávú szeizmométer / Güralp broad band seismometer
TC20-PH2 – Nanometrics Trillium széles sávú lyukszeizmométer /
Nanometrics Trillium Compact Posthole broadband seismometer
LE-3D – Lennartz 3 komponenses 1Hz-es geofon / Lennartz three directional 1Hz geophone
- (3) PS-6-24 – Earth Data digitalizáló / Earth Data digitizer
CMG-DM24S3-EAM – Güralp adatgyűjtő / Güralp data acquisition module
SeisComp – GEOFON Seismological Communication Processor
CTR-3 – Nanometrics Centaur adatgyűjtő / Nanometrics Centaur data acquisition module
MARS-88MC – Lennartz adatgyűjtő / Lennartz data acquisition system
- (4) GGI – MTA CSFK Geodéziai és Geofizikai Intézet / Geodetic and Geophysical Institute, MTA CSFK
GR – GeoRisk Földrengés Mérnöki Iroda Kft. / GeoRisk Earthquake Engineering Ltd.
GEOFON – GEOFON Program GFZ Potsdam / GEOFON Program GFZ Potsdam
MFGI – Magyar Földtani és Geofizikai Intézet / Geological and Geophysical Institute of Hungary



2.1. ábra Szeizmológiai állomások Magyarországon 2018-ban (részletek: 2.1. Táblázat)

Figure 2.1. Seismograph stations in Hungary in 2018 (See Table 2.1. for details)



2.2. ábra A hipocentrum meghatározáshoz használt szeizmológiai állomások

Figure 2.2. Seismograph stations used for hypocenter determination

2.2. Táblázat HUN-RENG virtuális szeizmológiai hálózathoz felhasznált fizikai hálózatok
Table 2.2. Physical networks used in HUN-RENG virtual seismic network

Hálózat kódja* Network code*	Az üzemeltető hálózat Operating network
CU	CariUSGS Caribbean Network USGS, Golden, CO
CZ	Czech Seismic Network Geophysical Institute, Czech Academy of Sciences
FB	Seismic Network of Federation of Bosnia and Herzegovina
GE	GEOFON GEOForschungsNetz (Geo Research Network)
GT	Global Telemetered Southern Hemisphere Network USGS Albuquerque Seismological Laboratory
HM	GeoRisk Earthquake Engineering, Hungary
HU	Hungarian National Seismological Network Institute of Geodesy and Geophysics, Research Centre for Astronomy and Earth Sciences
II	IRIS/IDA Network University of California, Scripps Institute of Oceanography
IU	IRIS/USGS Network USGS Albuquerque Seismological Laboratory
JP	Japan Meteorological Agency Seismic Network Japan Meteorological Agency Seismic, Tokyo Japan
MK	Seismological Observatory Skopje, Republic of Macedonia (MK)
MN	MEDNET Istituto Nazionale di Geofisica, Italy
MY	Malaysian National Seismic Network Malaysian Meteorological Service
NZ	New Zealand National Seismograph Network Institute of Geological & Nuclear Sciences, Wellington, New Zealand
OE	Austrian Seismic Network ZAMG - Central Institute for Meteorology and Geodynamics
PL	Polish Seismological Network Polish Academy of Sciences, Warsaw
RO	Romanian Seismic Network National Institute for Earth Physics, Romania
SJ	Serbian Seismological Network Seismological Survey of Serbia
SK	Slovak National Seismic Network Geophysical Institute, Slovak Academy of Sciences
SL	Slovenia Seismic Network Slovenia Geological Survey, Ljubljana

*FDSN (International Federation of Digital Seismograph Networks) kód

3.

ESEMÉNYLISTA

ÉS

FÖLDRENGÉS FÉSZKEPARAMÉTEREK

A FÖLDRENGÉS FÉSZKEPARAMÉTEREK MEGHATÁROZÁSA

A fészkeparaméterek rutinszerű kiszámításához a HYPO71PC programot használtuk (Lee and Lahr, 1975). A kimérés és magnitúdó meghatározás a K. Stammler által készített SeismicHandler program segítségével történt.

A fészkeparaméterek meghatározásánál mind a magyarországi, mind a szomszédos országok állomásainak adatait felhasználtuk. A számításnál az egyes állomások kimérési adatait az epicentrumtól való távolsággal fordított arányban súlyoztuk. Néhány esetben, amikor elegendő P fázis adat állt rendelkezésre, az S fázis adatokat nem használtuk fel.

SEBESSÉGMODELL

A számításnál felhasznált 3 rétegű sebességmodell több száz helyi és közeli földregés kéregfázis adatain alapul (Mónus, 1995).

<i>Sebesség (v_p)</i> <i>[km/s]</i>	<i>Mélység</i> <i>[km]</i>	<i>Vastagság</i> <i>[km]</i>	v_p/v_s
5,60	0,0	20,0	1,78
6,57	20,0	11,0	
8,02	31,0	∞	

3.

LIST OF ORIGINS AND HYPOCENTER PARAMETERS

METHOD FOR HYPOCENTER PARAMETER DETERMINATION

HYPO71PC (Lee and Lahr, 1975) was used for the routine calculation of hypocenter parameters. SeismicHandler software package by K. Stammler has been used for phase picking and magnitude determination.

The hypocenter parameters have been calculated using phase readings of seismological stations from Hungary and from the adjoining countries. However, a distance weighting has been applied, phase data from stations with epicenter distance greater than 450 km have been weighted out. In some cases, when sufficient number of P readings were available, S phase readings were not used in the calculations.

CRUSTAL VELOCITY MODEL

The three-layer crustal velocity model used in the hypocenter calculations has been derived from crustal phase travel times of several hundreds of local earthquakes (Mónus, 1995).

<i>Velocity (v_P) [km/s]</i>	<i>Depth [km]</i>	<i>Thickness [km]</i>	v_P/v_S
5.60	0.0	20.0	1.78
6.57	20.0	11.0	
8.02	31.0	∞	

FÖLDRENGÉSEK LISTÁJA / LIST OF EARTHQUAKES

Nap	Kipattanási idő UTC óó pp mp	Földrajzi koordináták Lat Long	Mélys. (km)	ML	I _{MAX} (EMS)	Helyszín
Day	Origin time UTC hr mn sec	Geographic coordinates Lat Long	Depth (km)	ML	I _{MAX} (EMS)	Locality or Region
JANUÁR / JANUARY, 2018						
01	4:33:46.2	48.696N 19.717E	5	1.8	-	Slovakia
01	7:10:45.5	47.296N 18.160E	9	0.5	-	Balinka
01	7:50:31.8	47.324N 18.178E	4	1.0	-	Balinka
01	23:20:51.3	46.085N 16.366E	13	2.2	-	Croatia
02	7:28:56.6	48.703N 19.721E	10	1.5	-	Slovakia
03	2:28:50.2	47.993N 20.499E	9	1.7	-	Bükkzsérc
04	10:27:53.4	46.114N 16.485E	10	2.1	-	Croatia
04	19:32:36.8	46.038N 16.062E	15	1.9	-	Croatia
05	0:27:07.0	47.021N 16.993E	0	1.6	-	Mikosszéplak
05	12:16:20.0	47.290N 18.263E	9	0.0	-	Fehérvárcurgó
06	3:56:52.2	47.165N 19.770E	0	1.5	-	Cegléd
09	0:53:22.4	45.755N 18.865E	9	1.5	-	Croatia
10	8:11:30.1	48.076N 20.707E	0	1.5	-	Miskolctapolca
12	1:31:28.0	48.020N 20.468E	2	2.1	-	Répáshuta
12	8:17:11.3	47.187N 17.822E	14	1.0	-	Hárskút
13	9:25:05.3	46.158N 18.295E	10	0.4	-	Vasas
14	20:33:10.8	47.392N 18.212E	4	-0.1	-	Mór
15	23:03:10.6	47.507N 18.199E	8	0.6	-	Bokod
16	23:56:49.2	46.034N 21.426E	9	2.5	-	Romania
17	4:47:53.0	47.364N 18.443E	10	1.0	-	Gánt
17	5:49:50.6	47.844N 18.386E	10	2.0	-	Slovakia
17	8:47:35.7	48.087N 20.663E	8	1.5	-	Bükkszentlászló
17	9:13:27.9	47.823N 18.464E	10	1.6	-	Slovakia
17	12:15:15.0	47.815N 18.479E	1	1.6	-	Slovakia
17	18:02:26.4	47.623N 17.972E	16	1.7	-	Bábolna
18	3:20:42.4	47.840N 18.393E	10	1.0	-	Slovakia
19	1:36:05.4	47.223N 18.348E	15	1.2	-	Moha
19	22:22:22.3	47.981N 19.261E	1	1.3	-	Szente
22	10:14:00.8	45.738N 21.168E	12	2.2	-	Romania
23	11:14:45.2	47.497N 18.693E	8	1.9	-	Herceghalom
23	21:44:49.4	47.437N 18.345E	10	0.5	-	Oroszlány
23	22:18:39.1	45.638N 21.486E	10	1.5	-	Romania
25	0:15:56.3	47.847N 18.392E	10	1.8	-	Slovakia
25	7:05:01.1	46.257N 19.785E	6	2.0	-	Ruzsa
26	14:24:46.5	46.152N 16.059E	10	2.0	-	Croatia
27	9:43:30.9	46.105N 17.069E	10	1.3	-	Croatia
27	16:10:58.9	46.145N 17.063E	5	2.0	-	Croatia
29	1:16:15.8	46.437N 16.153E	10	1.8	-	Slovenia
29	21:22:08.5	47.383N 18.250E	5	0.1	-	Mór
30	4:43:54.4	46.125N 16.539E	12	1.5	-	Croatia
30	16:15:54.1	46.169N 16.543E	14	1.6	-	Croatia
31	10:20:20.3	48.100N 20.694E	5	1.3	-	Pereces
FEBRUÁR / FEBRUARY, 2018						
01	9:38:26.9	46.985N 22.320E	5	2.0	-	Romania
02	2:11:43.5	47.844N 18.359E	8	1.1	-	Slovakia
02	8:30:17.4	47.455N 18.874E	6	1.8	-	Biatorbágy

Földrengés paraméterek

Hypocenter Parameters

03	14:14:25.5	48.426N	22.281E	10	1.5	-	Ukraine
04	21:28:38.5	47.491N	18.459E	6	0.7	-	Szárliget
04	22:55:38.1	47.827N	18.420E	10	1.4	-	Slovakia
05	12:53:47.3	47.845N	16.016E	6	1.8	-	Austria
06	11:43:41.2	45.505N	17.760E	12	1.6	-	Croatia
09	18:29:06.7	47.336N	18.537E	14	0.7	-	Lovasberény
09	22:50:07.8	47.368N	18.070E	3	0.2	-	Súr
10	12:31:33.5	46.270N	19.829E	6	1.8	-	Zákányszék
11	4:08:43.8	47.482N	18.344E	10	0.6	-	Oroszlány
12	11:04:27.7	47.306N	18.512E	10	0.4	-	Lovasberény
14	23:51:30.0	47.373N	18.387E	11	1.7	-	Gánt
15	11:13:02.1	48.835N	21.244E	2	1.9	-	Slovakia
15	14:25:11.0	47.075N	17.292E	11	2.0	-	Szentimrefalva
19	10:09:13.3	46.250N	18.480E	11	1.5	-	Hidas
20	12:00:50.9	48.892N	20.927E	2	1.8	-	Slovakia
20	13:56:24.5	45.568N	20.680E	19	1.9	-	Serbia
21	0:50:02.2	47.323N	17.937E	6	0.6	-	Dudar
22	0:44:25.7	47.439N	18.841E	11	1.7	-	Biatorbágy
22	8:37:04.5	47.453N	18.857E	10	1.6	-	Biatorbágy
22	11:30:35.7	47.447N	18.844E	9	1.6	-	Biatorbágy
23	1:32:27.3	45.851N	18.127E	11	1.0	-	Rádfalva
23	10:29:28.3	47.437N	18.713E	9	1.4	-	Etyek
24	8:46:49.8	47.630N	18.033E	11	1.6	-	Bábolna
25	2:15:29.1	47.423N	18.504E	10	0.7	-	Csákvár
25	8:00:26.0	47.377N	18.102E	0	0.2	-	Nagyveleg
26	8:13:25.2	47.246N	17.669E	4	0.9	-	Németbánya
26	11:30:38.8	48.149N	18.954E	10	1.6	-	Slovakia

MÁRCIUS / MARCH, 2018

02	2:37:40.9	47.657N	18.611E	19	1.2	-	Bajna
03	9:59:25.3	45.614N	19.392E	10	1.7	-	Serbia
03	23:40:59.2	45.848N	17.125E	20	1.7	-	Croatia
06	11:50:50.1	47.437N	18.241E	4	0.9	-	Pusztavám
06	12:21:53.3	47.368N	18.289E	10	1.3	-	Csókakő
06	12:34:54.3	47.379N	18.261E	8	1.4	-	Mór
07	11:22:23.7	46.376N	17.291E	10	2.3	4	Vése
08	8:30:15.9	47.477N	18.227E	6	1.4	-	Bokod
08	9:05:29.0	47.393N	19.002E	10	1.3	-	Halásztelek
08	9:26:13.8	46.980N	22.322E	6	2.0	-	Romania
08	10:52:00.4	45.745N	18.452E	10	1.4	-	Croatia
09	10:31:35.5	48.300N	18.593E	15	1.8	-	Slovakia
10	13:48:57.0	47.311N	18.255E	7	0.2	-	Fehérvárcsurgó
11	6:49:55.3	45.596N	18.870E	6	1.5	-	Croatia
11	21:18:31.5	46.042N	16.396E	10	2.1	-	Croatia
12	0:53:56.1	45.663N	22.582E	17	1.9	-	Romania
12	17:21:47.6	46.086N	17.004E	10	1.7	-	Croatia
14	18:20:31.5	46.149N	16.110E	0	1.2	-	Croatia
15	0:32:42.6	46.241N	17.330E	10	1.0	-	Nagyatád
16	7:15:49.0	46.095N	22.664E	10	1.8	-	Romania
16	8:20:12.1	47.368N	18.294E	11	0.6	-	Csókakő
16	8:35:06.1	48.988N	21.265E	1	1.7	-	Slovakia
16	9:02:28.0	46.998N	22.308E	3	2.0	-	Romania
17	5:22:20.9	47.405N	18.215E	0	0.6	-	Pusztavám
17	14:15:15.2	47.359N	18.257E	2	0.5	-	Csókakő
17	22:29:18.9	47.356N	18.260E	2	0.0	-	Csókakő
18	1:50:38.3	47.383N	18.238E	0	0.3	-	Mór
18	17:51:04.8	46.072N	17.045E	10	1.9	-	Croatia
20	1:01:06.0	46.112N	16.510E	10	1.6	-	Croatia
24	10:02:57.5	46.175N	18.289E	7	0.8	-	Zobákpusztá
24	14:52:46.0	47.926N	21.895E	8	1.7	-	Napkor

Hypocenter Parameters

Földrengés paraméterek

26	2:07:13.8	47.381N	18.070E	0	0.2	-	Súr
26	9:45:35.7	45.593N	17.292E	13	1.8	-	Croatia
27	1:30:48.0	47.417N	18.035E	1	1.0	-	Aka
30	10:36:23.5	47.028N	22.411E	14	1.8	-	Romania
30	12:08:45.8	46.943N	22.019E	14	1.9	-	Romania

ÁPRILIS / APRIL, 2018

05	2:51:37.9	47.745N	18.090E	15	1.8	-	Komárom
05	16:36:21.5	47.634N	17.959E	4	1.7	-	Bábolna
08	0:49:51.9	47.706N	18.990E	7	1.8	-	Pilisszentlászló
08	19:14:14.3	47.339N	18.256E	4	0.5	-	Csókakó
08	21:35:05.3	46.259N	16.140E	10	1.3	-	Croatia
16	10:49:13.9	45.741N	20.837E	4	1.9	-	Romania
16	11:26:30.4	48.887N	20.644E	6	1.6	-	Slovakia
17	7:14:21.8	47.427N	18.254E	10	1.2	-	Pusztavám
21	7:58:00.6	47.356N	18.272E	9	2.0	4	Csókakó
21	8:04:48.7	47.342N	18.275E	10	0.7	-	Csákberény
21	8:15:39.1	47.404N	18.206E	10	0.3	-	Pusztavám
21	8:34:56.5	47.391N	18.224E	6	0.5	-	Mór
21	21:58:03.6	47.382N	18.230E	4	-0.1	-	Mór
21	22:16:52.7	47.283N	18.182E	7	-0.3	-	Isztimér
23	2:14:27.6	47.384N	18.227E	5	0.1	-	Mór
23	9:35:39.3	47.548N	16.360E	3	1.0	-	Austria
24	0:53:57.5	45.809N	18.158E	15	0.5	-	Drávacsehi
25	13:00:23.0	47.603N	16.531E	8	1.6	-	Austria
25	18:14:58.2	47.499N	18.622E	1	1.1	-	Bicske
26	20:44:43.3	47.393N	18.199E	1	0.5	-	Mór
27	8:03:24.3	47.127N	19.077E	16	1.9	-	Apaj
27	8:20:55.3	45.589N	17.425E	10	1.7	-	Croatia
27	9:13:37.3	48.626N	21.568E	2	2.1	-	Slovakia
28	22:32:35.2	47.370N	18.245E	4	-0.1	-	Mór

MÁJUS / MAY, 2018

02	7:19:15.6	47.413N	18.240E	4	0.8	-	Pusztavám
02	21:19:08.9	45.992N	18.441E	10	1.1	-	Szederkény
04	2:56:22.9	47.147N	19.068E	15	1.5	-	Apaj
04	22:21:22.9	47.248N	17.425E	10	0.5	-	Pápasalamon
04	23:13:28.3	47.389N	18.219E	1	0.1	-	Mór
05	0:44:08.8	47.611N	20.332E	5	1.7	-	Átány
07	7:54:25.0	45.624N	18.277E	10	0.9	-	Croatia
07	18:54:36.2	47.374N	18.251E	5	0.2	-	Mór
07	18:55:52.4	47.391N	18.239E	2	0.2	-	Mór
07	21:23:57.9	48.459N	17.338E	9	1.8	-	Slovakia
08	23:45:49.7	45.754N	17.899E	4	1.3	-	Croatia
11	8:19:32.9	45.815N	21.631E	10	1.9	-	Romania
12	23:50:42.5	47.872N	18.850E	7	2.4	-	Márianosztra
13	10:14:08.6	45.902N	17.185E	21	1.4	-	Croatia
17	17:04:49.4	46.125N	16.462E	8	2.1	-	Croatia
18	11:19:15.8	45.581N	17.295E	10	1.8	-	Croatia
21	3:05:36.8	47.356N	18.260E	8	0.7	-	Csókakó
21	14:31:41.4	47.019N	17.625E	11	1.2	-	Öcs
25	0:09:05.5	45.780N	17.694E	6	1.0	-	Croatia
25	13:50:02.4	45.567N	17.319E	10	1.7	-	Croatia
26	11:34:14.1	47.838N	16.215E	8	1.8	-	Austria
28	4:04:26.9	48.900N	22.754E	7	2.1	-	Ukraine
29	13:51:37.2	45.588N	16.325E	10	2.3	-	Croatia

JÚNIUS / JUNE, 2018

01	6:48:39.3	47.374N	18.410E	8	1.4	-	Gánt
06	8:48:37.3	45.584N	17.333E	12	1.7	-	Croatia

Földrengés paraméterek

Hypocenter Parameters

06	10:52:19.2	45.596N	17.327E	10	1.9	-	Croatia
07	2:50:57.2	45.965N	22.178E	6	1.6	-	Romania
07	17:24:04.1	47.392N	18.204E	3	0.2	-	Mór
07	17:34:18.9	47.334N	18.235E	4	0.0	-	Bodajk
15	5:51:48.3	47.330N	18.290E	10	0.8	-	Söréd
15	6:23:05.5	47.453N	18.227E	10	1.2	-	Pusztavám
15	17:30:43.9	47.941N	16.435E	11	1.8	-	Austria
15	19:17:18.9	46.473N	17.111E	13	1.4	-	Zalaszentjakab
16	7:35:33.3	45.941N	16.067E	5	2.4	-	Croatia
16	22:28:26.7	47.383N	18.231E	3	0.3	-	Mór
19	7:00:22.9	47.308N	18.287E	7	0.9	-	Söréd
20	8:24:28.4	45.546N	17.569E	10	1.6	-	Croatia
22	11:50:32.2	45.776N	16.025E	9	1.9	-	Croatia
23	18:32:08.8	46.166N	16.047E	13	1.8	-	Croatia
25	9:33:21.2	45.960N	18.618E	1	1.6	-	Nagynyárád
26	22:54:56.0	47.354N	18.262E	2	0.2	-	Csókakő
28	6:12:49.6	47.382N	18.242E	2	0.3	-	Mór
29	11:03:38.8	47.996N	20.378E	10	1.2	-	Felsőtárkány

JÚLIUS / JULY, 2018

01	6:08:17.4	45.905N	18.785E	11	1.0	-	Homorúd
01	13:55:16.6	45.532N	16.695E	4	2.0	-	Croatia
01	17:36:45.1	45.836N	16.021E	12	1.0	-	Croatia
02	8:40:14.9	45.524N	17.517E	15	1.6	-	Croatia
02	8:44:01.7	47.411N	18.200E	0	0.5	-	Pusztavám
03	9:10:47.1	47.577N	16.349E	2	1.0	-	Austria
06	19:34:56.0	47.248N	18.218E	1	0.6	-	Bakonykúti
07	2:53:53.0	47.238N	18.066E	8	1.2	-	Tés
08	18:31:18.5	47.252N	18.211E	6	0.4	-	Bakonykúti
11	18:16:31.8	47.455N	18.253E	2	0.2	-	Pusztavám
12	9:34:28.4	48.435N	19.538E	0	1.2	-	Slovakia
13	20:39:56.5	47.809N	16.251E	10	1.3	-	Austria
15	1:33:22.0	47.272N	17.422E	2	0.6	-	Dáka
16	18:26:26.3	47.865N	16.241E	2	1.4	-	Austria
22	2:54:59.1	46.852N	16.312E	2	1.6	-	Szalafő
25	14:48:06.8	47.158N	17.369E	8	1.6	-	Doba
26	11:09:52.8	48.718N	21.502E	0	1.5	-	Slovakia
26	11:26:12.4	48.012N	16.545E	10	1.3	-	Austria
28	2:22:07.8	47.659N	19.547E	12	1.6	-	Kartal
28	23:57:26.7	48.057N	19.486E	6	1.0	-	Varsány
31	15:56:43.6	45.957N	17.285E	17	1.5	-	Croatia

AUGUSZTUS / AUGUST, 2018

01	12:54:11.4	47.605N	16.354E	5	1.5	-	Austria
01	21:46:09.2	46.116N	17.068E	7	1.5	-	Croatia
04	16:06:29.9	46.013N	16.028E	1	1.2	-	Croatia
04	22:15:59.0	45.831N	18.148E	14	0.5	-	Drávacsepely
09	0:08:09.2	46.983N	18.693E	10	1.0	-	Hantos
11	13:52:22.3	47.397N	18.127E	2	0.2	-	Nagyveleg
13	7:09:14.8	45.671N	17.815E	3	1.2	-	Croatia
13	9:33:04.9	45.502N	17.972E	5	1.6	-	Croatia
14	0:04:35.9	45.938N	16.001E	4	1.8	-	Croatia
16	10:27:15.5	48.117N	18.883E	13	1.7	-	Slovakia
17	1:25:11.1	48.923N	18.229E	2	3.1	-	Slovakia
20	6:20:31.6	45.593N	17.313E	13	1.2	-	Croatia
21	0:59:43.2	47.398N	18.245E	4	-0.1	-	Mór
21	6:22:49.8	47.132N	17.757E	8	0.9	-	Herend
21	17:45:48.8	47.600N	16.353E	6	1.5	-	Austria
22	21:57:09.6	47.802N	18.965E	8	1.5	-	Kisoroszi
24	23:49:32.6	45.693N	18.125E	14	0.9	-	Croatia

Hypocenter Parameters

Földrengés paraméterek

26	6:50:43.2	45.994N	17.238E	13	2.4	-	Croatia
29	12:53:10.0	47.494N	18.069E	13	1.4	-	Vérteskethely
29	13:29:07.5	46.180N	17.039E	12	3.0	3-4	Gyékényes
29	19:51:25.2	47.504N	18.045E	13	1.4	-	Kisbér
30	10:26:40.8	48.642N	21.408E	10	1.6	-	Slovakia
30	19:47:00.5	47.493N	18.058E	10	0.9	-	Kisbér
30	22:54:08.0	45.982N	19.065E	0	1.3	-	Croatia
30	22:55:13.0	46.051N	19.002E	13	0.5	-	Csátalja
31	10:38:03.6	47.431N	18.081E	10	0.7	-	Aka
31	20:06:18.7	46.982N	19.336E	10	2.3	-	Kunbaracs

SZEPTEMBER / SEPTEMBER, 2018

01	6:39:55.0	47.141N	18.381E	16	1.1	-	Sárszentmihály
03	3:35:28.7	45.534N	16.137E	8	2.2	-	Croatia
05	1:25:36.8	48.426N	22.201E	7	2.0	-	Ukraine
06	15:39:37.1	46.136N	16.521E	8	1.6	-	Croatia
08	23:32:21.5	45.587N	18.191E	3	2.0	-	Croatia
10	1:10:33.1	46.008N	17.173E	8	2.1	-	Croatia
10	3:46:03.8	45.564N	16.521E	0	1.7	-	Croatia
11	3:35:18.5	47.385N	18.537E	11	0.6	-	Csákvár
12	10:31:42.9	47.381N	18.157E	1	0.8	-	Nagyveleg
15	19:30:32.0	45.759N	18.878E	10	1.5	-	Croatia
19	10:26:23.2	48.683N	19.902E	1	1.6	-	Slovakia
20	19:27:56.4	45.671N	18.076E	6	2.2	-	Croatia
20	21:24:48.6	45.784N	18.051E	15	0.7	-	Cún
21	1:54:03.2	48.010N	19.423E	10	1.4	-	Iliny
26	8:27:29.9	47.118N	17.547E	6	1.7	-	Ajkarendek
27	15:01:46.5	45.837N	16.000E	7	1.5	-	Croatia
28	9:03:24.8	45.829N	18.462E	0	1.0	-	Lapáncsa
28	9:57:25.3	45.590N	17.386E	10	1.7	-	Croatia
30	16:33:15.7	47.905N	16.317E	8	1.4	-	Austria
30	17:08:26.9	47.034N	18.891E	15	1.3	-	Rácalmás
30	22:59:03.7	45.826N	18.431E	7	0.8	-	Nagyharsány

OKTÓBER / OCTOBER, 2018

01	1:28:16.4	45.799N	18.894E	0	1.9	-	Croatia
02	14:50:27.2	47.450N	19.513E	10	2.3	-	Sülysáp
02	21:56:51.7	47.855N	18.623E	8	1.7	-	Slovakia
02	23:22:07.6	47.848N	18.648E	13	1.2	-	Slovakia
03	11:43:30.8	46.174N	16.360E	15	1.8	-	Croatia
07	0:48:42.8	45.886N	17.256E	20	1.4	-	Croatia
10	8:49:30.6	45.545N	17.306E	13	1.8	-	Croatia
11	1:49:16.6	46.058N	18.411E	2	0.4	-	Berkesd
11	13:22:37.8	47.595N	16.328E	9	1.8	-	Austria
11	13:23:59.1	45.959N	16.064E	4	2.2	-	Croatia
17	4:32:12.0	48.643N	19.408E	4	1.6	-	Slovakia
17	21:30:45.2	45.767N	18.426E	10	1.1	-	Beremend
21	9:38:17.3	45.956N	17.288E	16	1.3	-	Croatia
22	8:58:31.9	46.231N	21.681E	16	1.7	-	Romania
22	14:40:18.0	46.218N	17.162E	10	1.4	-	Berzence
23	7:32:13.6	47.390N	18.257E	4	0.2	-	Mór
27	11:10:02.6	47.334N	18.264E	7	0.9	-	Söréd
27	11:11:30.9	47.345N	18.237E	10	1.6	-	Mór
27	11:12:30.3	47.344N	18.251E	4	0.8	-	Csókakő
27	11:13:34.7	47.400N	18.218E	2	0.3	-	Mór
28	5:29:35.3	47.728N	17.119E	7	1.5	-	Jánossomorja
31	5:49:20.4	45.785N	18.961E	4	1.2	-	Croatia

NOVEMBER / NOVEMBER, 2018

04	16:03:15.2	47.384N	18.237E	4	0.0	-	Mór
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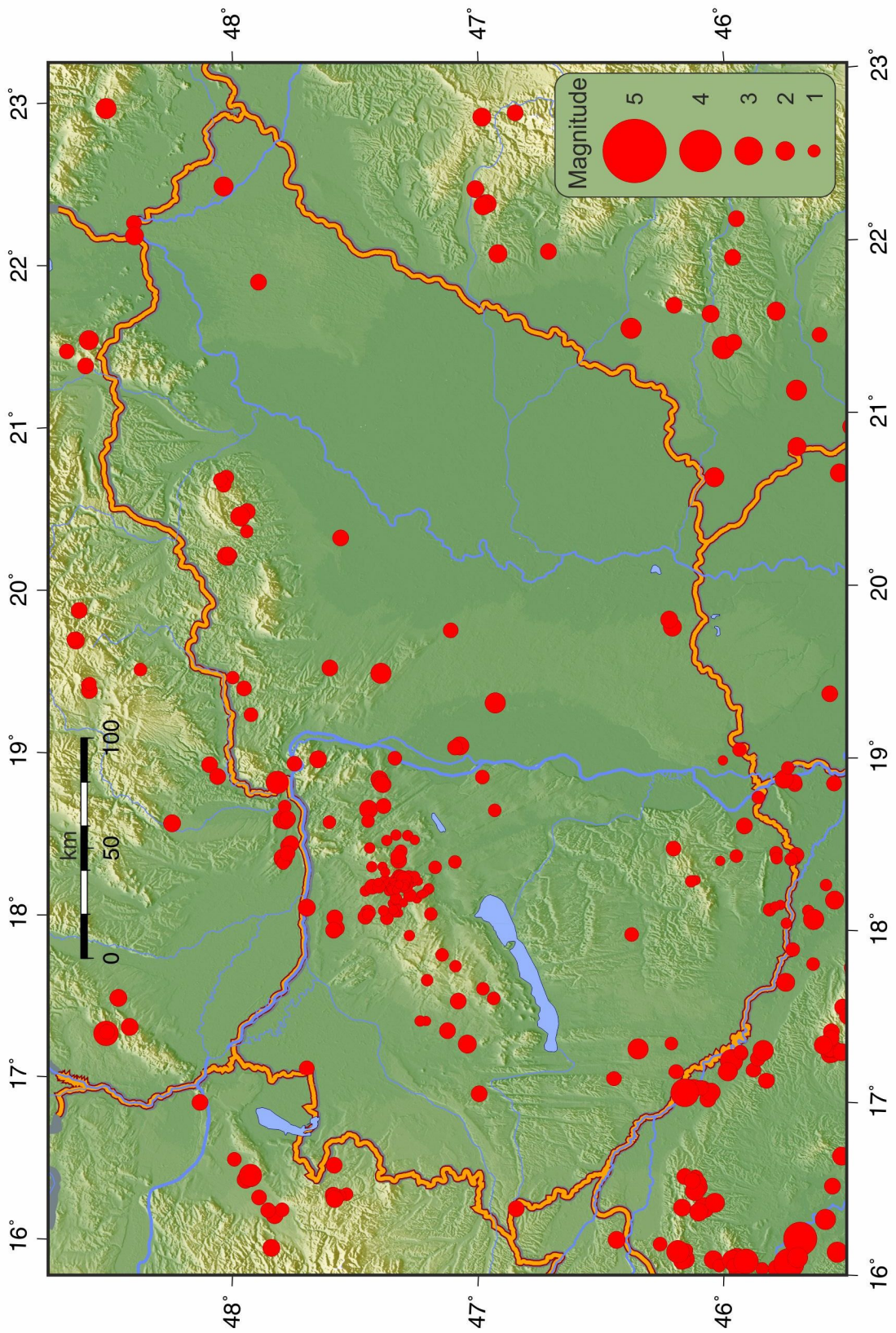
Földrengés paraméterek

Hypocenter Parameters

04	20:57:17.5	47.942N	16.449E	11	2.3	-	Austria
04	21:05:23.2	47.963N	16.422E	6	1.8	-	Austria
06	8:45:08.9	46.408N	21.554E	6	2.3	-	Romania
07	0:02:55.4	46.083N	21.628E	2	1.8	-	Romania
07	11:42:41.6	45.505N	17.799E	3	1.9	-	Croatia
07	18:12:05.6	47.397N	18.208E	0	0.3	-	Mór
07	20:46:51.9	47.348N	18.271E	11	1.4	-	Csókakő
08	14:28:44.1	48.523N	22.989E	10	2.3	-	Ukraine
09	20:03:14.6	48.056N	22.484E	2	2.1	-	Kisar
10	22:51:06.7	45.779N	17.706E	7	2.0	-	Croatia
11	12:43:41.1	45.864N	17.303E	0	2.2	-	Croatia
11	13:43:50.7	47.346N	18.240E	4	0.7	-	Mór
11	13:58:20.4	47.380N	18.209E	1	0.0	-	Mór
12	4:05:14.8	47.349N	18.229E	3	0.2	-	Mór
13	9:42:22.9	46.736N	22.023E	10	1.6	-	Romania
13	18:47:33.9	45.677N	16.156E	15	1.8	-	Croatia
13	21:12:09.2	47.264N	18.191E	6	0.1	-	Isztimér
14	21:49:26.0	47.274N	18.187E	5	0.0	-	Isztimér
15	22:45:20.8	45.954N	16.032E	2	1.3	-	Croatia
18	2:14:21.9	47.426N	18.314E	1	0.3	-	Pusztavám
19	1:33:42.9	45.990N	21.456E	11	1.6	-	Romania
19	2:18:10.2	45.515N	20.948E	9	2.0	-	Romania
19	10:59:18.7	48.161N	16.886E	5	1.7	-	Austria
19	22:09:50.2	47.839N	18.618E	8	1.8	-	Slovakia
21	23:47:59.1	48.062N	20.233E	10	1.0	-	Szentdomonkos
21	23:49:56.9	48.072N	20.210E	15	1.1	-	Szentdomonkos
21	23:50:27.4	48.079N	20.229E	8	1.9	-	Szentdomonkos
21	23:51:22.6	48.068N	20.229E	9	1.2	-	Szentdomonkos
22	0:14:03.2	48.070N	20.239E	10	1.4	-	Szentdomonkos
22	1:22:02.0	47.369N	18.240E	5	0.2	-	Mór
23	1:50:27.5	47.841N	18.703E	22	1.2	-	Slovakia
24	5:26:09.7	45.728N	16.057E	7	3.2	-	Croatia
24	5:27:34.2	45.687N	16.204E	7	3.4	-	Croatia
24	6:54:39.6	45.694N	16.094E	10	2.2	-	Romania
24	8:30:20.0	45.985N	21.955E	13	1.6	-	Romania
25	22:25:08.4	46.186N	16.099E	0	2.4	-	Croatia
26	7:23:06.3	45.905N	16.061E	9	2.7	-	Croatia
27	22:29:35.5	47.829N	18.629E	12	1.6	-	Slovakia
28	19:59:52.5	47.949N	16.447E	10	2.3	-	Austria
28	20:44:45.4	47.944N	16.449E	11	2.5	-	Austria
29	9:36:15.2	46.989N	22.839E	8	1.9	-	Romania
30	10:43:02.8	45.619N	17.346E	12	1.9	-	Croatia

DECEMBER / DECEMBER, 2018






04	9:20:42.3	46.852N	22.854E	4	1.7	-	Romania
04	9:48:20.7	48.506N	17.516E	3	1.8	-	Slovakia
16	15:05:37.0	48.553N	17.295E	5	2.7	-	Slovakia
17	4:57:35.5	48.549N	17.304E	7	1.5	-	Slovakia
21	5:58:37.0	48.649N	19.445E	8	1.2	-	Slovakia
21	22:40:49.7	48.640N	19.451E	5	1.1	-	Slovakia
23	3:21:25.6	46.415N	17.967E	17	1.3	-	Kisgyalán
24	23:33:02.4	46.972N	17.569E	13	1.0	-	Taliándörög
26	20:14:39.9	46.081N	20.664E	10	2.1	-	Romania
27	20:32:10.6	47.391N	18.089E	1	0.4	-	Aka
27	20:44:41.2	47.349N	18.131E	7	0.1	-	Nagyveleg
29	15:23:11.8	46.105N	16.337E	11	1.9	-	Croatia

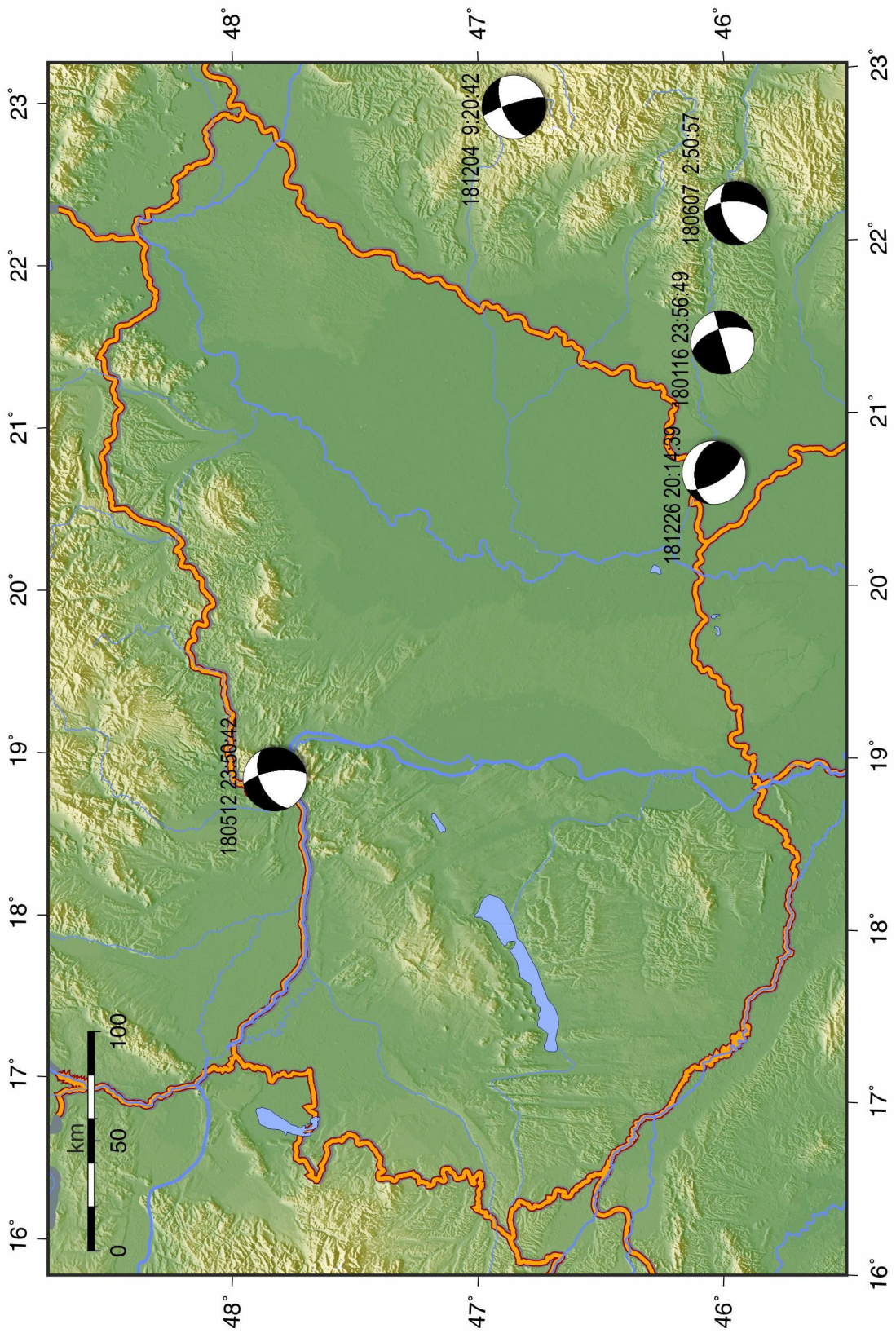


3.1. ábra A 2018-ban regisztrált földrengések epicentrumai

Figure 3.1. Epicenters of 2018 earthquakes

A 2018-ban regisztrált földrengések fészekmechanizmusai
 Fault plane solutions of 2018 earthquakes

No	Date	Time	Epicentre		1st nodal plane			P axis		T axis		
			Lat	Lon	Strike	Dip	Rake	Azim	Plunge	Azim	Plunge	
1.	2018.01.16.	23:56:49	46.03	21.43	345	55	-180	204	24	306	24	
2.	2018.05.12.	23:50:42	47.87	18.85	350	70	-140	213	42	113	11	
3.	2018.06.07.	02:50:57	45.97	22.18	5	60	-140	220	48	128	2	
4.	2018.12.04.	09:20:42	46.85	22.85	345	80	30	114	13	211	28	
5.	2018.12.26.	20:14:39	46.08	20.66	150	65	120	219	15	103	59	



3.3. ábra A 2018-ban regisztrált földrengések fészekmechanizmusai

Figure 3.3. Fault plane solutions of 2018 earthquakes

ROBBANTÁSOK LISTÁJA / LIST OF EXPLOSIONS

Nap	Kipattanási idő UTC óó pp mp	Földrajzi koordináták Lat Long	ML	Helyszín
Day	Origin time UTC hr mn sec	Geographic coordinates Lat Long	ML	Locality or Region
JANUÁR / JANUARY, 2018				
03	9:47:50.6	48.590N 20.789E	1.6	Slovakia
04	10:38:03.0	48.606N 20.761E	1.5	Slovakia
05	14:10:06.1	47.120N 18.001E	1.1	Sóly
08	7:41:12.7	47.231N 17.601E	1.2	Bakonyjákó
09	10:15:19.9	48.609N 20.792E	2.0	Slovakia
09	11:01:19.9	48.285N 17.431E	2.1	Slovakia
10	9:35:20.8	48.598N 20.764E	1.5	Slovakia
11	9:03:02.9	45.889N 18.267E	0.9	Máriagyüd
11	10:28:44.2	47.201N 18.303E	0.5	Székesfehérvár
11	10:30:23.2	48.621N 20.735E	1.4	Slovakia
11	12:12:14.0	47.536N 18.474E	1.2	Szárliget
15	9:31:57.6	47.842N 19.840E	1.3	Gyöngyöstarján
15	9:42:44.1	48.600N 20.750E	1.6	Slovakia
16	8:25:58.9	47.566N 18.482E	1.1	Tatabánya
16	9:01:47.6	48.588N 20.774E	1.6	Slovakia
16	9:41:12.7	47.340N 18.391E	1.5	Zámoly
17	8:33:56.0	47.284N 18.328E	0.8	Magyaralmás
17	9:58:51.7	48.588N 20.757E	1.6	Slovakia
18	9:02:16.2	48.604N 20.709E	1.6	Slovakia
18	11:00:58.1	48.291N 17.245E	2.4	Slovakia
19	9:05:28.1	48.607N 20.753E	1.4	Slovakia
19	9:40:14.1	47.401N 18.392E	1.5	Gánt
19	9:45:35.2	47.326N 18.420E	1.4	Zámoly
19	13:00:41.3	48.440N 17.453E	2.2	Slovakia
19	14:42:58.8	47.123N 18.117E	1.3	Berhida
22	9:00:46.7	48.577N 20.775E	1.5	Tornanádaska
22	10:38:53.5	47.123N 17.951E	1.4	Kádárta
22	11:53:57.0	48.565N 19.332E	2.1	Slovakia
23	8:59:39.5	48.584N 20.779E	1.3	Slovakia
23	9:26:38.8	46.208N 18.274E	0.8	Kisbattyán
24	8:48:08.2	48.622N 20.714E	1.4	Slovakia
24	9:57:18.5	47.328N 18.425E	1.7	Zámoly
25	10:25:32.7	47.199N 18.296E	1.0	Székesfehérvár
25	11:09:49.6	46.819N 17.346E	1.5	Nemesvita
26	11:40:07.9	48.582N 20.778E	1.4	Tornanádaska
27	10:20:27.2	46.133N 18.320E	1.0	Vasas
29	8:41:01.1	47.094N 18.016E	1.3	Litér
29	10:35:20.1	48.632N 20.720E	1.5	Slovakia
31	8:03:27.8	47.327N 18.438E	1.2	Zámoly
31	9:11:54.2	47.131N 18.067E	1.5	Vilonya
31	10:36:51.8	48.547N 20.821E	1.8	Hídvégardó
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01	8:30:56.3	47.345N 18.425E	1.5	Zámoly
01	10:39:53.3	46.841N 17.340E	1.7	Lesencefalu
01	10:45:59.5	47.235N 18.268E	0.9	Iszkaszentgyörgy

Hypocenter Parameters

Földrengés paraméterek

01	11:02:22.0	48.187N	16.941E	2.1	Austria
02	9:09:38.0	48.665N	20.675E	1.5	Slovakia
02	14:27:01.9	47.106N	18.066E	0.9	Vilonya
02	14:45:00.7	47.112N	18.111E	1.0	Berhida
03	10:19:18.6	46.155N	18.285E	0.8	Vasas
05	9:37:40.1	48.513N	20.854E	1.5	Becskeháza
05	11:45:26.0	48.126N	18.955E	1.7	Slovakia
05	12:17:25.1	46.041N	18.028E	1.3	Szentlőrinc
06	10:32:11.6	47.403N	18.393E	1.3	Gánt
07	8:29:35.6	47.291N	18.331E	1.1	Magyaralmás
07	11:37:51.3	46.133N	18.049E	1.4	Hetvehely
07	12:02:46.6	48.702N	21.506E	1.5	Slovakia
07	13:17:07.5	48.582N	20.741E	1.6	Slovakia
08	9:08:18.6	47.309N	17.645E	1.3	Homokbödöge
08	10:39:08.9	47.099N	18.033E	1.2	Királyszentistván
08	10:47:57.2	47.232N	18.264E	0.9	Iszkaszentgyörgy
08	10:51:32.3	48.544N	20.853E	1.2	Hidvégdó
09	9:07:05.9	48.613N	20.741E	1.8	Slovakia
09	13:04:26.3	46.135N	18.045E	1.0	Hetvehely
09	14:57:47.2	47.115N	18.119E	1.2	Berhida
10	8:29:34.6	47.650N	18.005E	1.6	Bábolna
10	9:12:22.4	48.606N	20.740E	1.7	Slovakia
10	9:35:18.1	46.159N	18.290E	0.6	Vasas
12	7:57:42.3	47.438N	18.416E	1.5	Várgesztes
12	8:56:26.9	47.617N	18.474E	1.2	Vérttestolna
12	8:59:38.3	48.515N	20.809E	1.4	Tornaszentandrás
12	10:28:05.1	48.710N	19.882E	1.5	Slovakia
13	10:27:18.0	47.958N	20.375E	0.9	Felsőtárkány
13	11:04:14.0	46.179N	18.398E	1.0	Zengővárkony
13	11:06:34.7	47.215N	18.281E	1.2	Iszkaszentgyörgy
13	12:28:10.7	45.882N	18.275E	1.4	Máriagyüd
13	12:56:34.2	48.636N	20.857E	1.2	Slovakia
14	7:41:43.2	47.323N	18.435E	1.0	Zámoly
14	9:24:05.5	47.104N	17.959E	1.6	Kádárta
14	14:45:55.6	46.804N	17.316E	1.7	Keszthely
15	8:06:03.7	47.288N	18.340E	1.0	Magyaralmás
15	10:15:38.7	48.530N	20.808E	1.4	Bódvalenke
15	10:58:11.1	47.562N	18.493E	1.4	Tatabánya
15	11:05:42.2	47.211N	18.295E	0.9	Moha
15	12:01:02.9	48.268N	18.276E	1.3	Slovakia
16	10:01:16.8	46.160N	18.309E	0.9	Zobápkuszta
16	10:21:48.2	48.608N	20.732E	1.7	Slovakia
16	10:41:53.0	47.486N	18.674E	1.8	Bicske
16	10:53:50.7	47.209N	18.279E	0.8	Iszkaszentgyörgy
16	15:19:10.2	47.128N	18.117E	1.5	Berhida
19	9:05:18.7	48.637N	20.694E	1.3	Slovakia
19	10:59:29.4	46.129N	18.046E	1.1	Hetvehely
19	11:02:58.2	45.793N	18.427E	1.7	Beremend
19	12:54:26.6	47.056N	18.052E	1.4	Balatonfűzfő
20	10:36:05.8	48.637N	20.744E	1.1	Slovakia
21	9:13:07.4	47.325N	18.435E	1.1	Zámoly
21	9:15:00.7	47.366N	18.409E	1.2	Gánt
21	9:56:00.0	48.557N	20.756E	1.7	Komjáti
21	10:01:10.8	47.634N	18.482E	1.5	Tardosbánya
22	9:30:42.4	47.716N	18.699E	1.6	Tokod
22	10:27:48.9	48.228N	18.773E	1.8	Slovakia
23	12:18:34.8	47.249N	18.239E	0.7	Kincsesbánya
24	10:16:09.2	46.144N	18.301E	0.8	Vasas
25	13:16:31.3	48.448N	17.067E	1.8	Slovakia
26	9:08:14.6	47.094N	18.021E	1.5	Litér

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26	9:09:32.5	48.590N	20.748E	1.3	Slovakia
26	11:04:05.2	48.157N	16.896E	2.0	Austria
27	9:18:13.6	48.543N	20.809E	1.4	Bódvalenke
27	9:25:42.3	48.577N	20.797E	1.2	Tornanádaska
27	16:17:25.9	47.127N	19.292E	1.5	Kunpeszér
27	16:43:01.8	47.113N	19.353E	1.7	Örkény
28	8:15:34.1	47.276N	18.417E	1.3	Zámoly
28	9:38:13.3	48.662N	20.695E	1.2	Slovakia
28	11:42:50.7	48.828N	21.616E	1.7	Slovakia
28	14:21:13.6	47.120N	19.341E	1.8	Örkény
28	14:48:08.3	47.137N	19.326E	1.8	Örkény
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01	8:53:07.7	47.547N	18.566E	1.2	Nagyegyháza
02	8:55:12.5	48.616N	20.729E	1.4	Slovakia
02	10:00:46.0	47.839N	19.846E	1.5	Gyöngyöstarján
02	11:00:56.2	48.168N	16.900E	1.5	Austria
02	11:59:51.4	48.882N	20.929E	1.9	Slovakia
02	14:00:22.8	47.088N	19.371E	1.9	Tatárszentgyörgy
02	14:26:15.4	47.078N	19.416E	1.9	Tatárszentgyörgy
03	9:05:45.9	48.626N	20.740E	1.3	Slovakia
05	10:08:22.8	47.473N	18.396E	1.6	Várgesztes
05	10:14:09.5	47.343N	18.419E	1.4	Zámoly
05	10:45:12.8	47.826N	19.116E	1.4	Szendehely
05	12:10:10.9	47.193N	18.295E	0.5	Székesfehérvár
07	8:39:56.8	47.352N	18.416E	1.4	Gánt
07	8:40:39.6	47.343N	18.434E	1.3	Zámoly
07	9:14:32.3	48.609N	20.735E	1.1	Slovakia
07	9:37:02.3	48.211N	18.810E	1.5	Slovakia
07	10:32:05.0	47.206N	18.279E	0.8	Csór
08	10:32:37.6	48.576N	20.774E	1.4	Tornanádaska
09	7:19:36.6	46.042N	22.850E	2.1	Romania
09	9:09:23.0	48.570N	20.777E	1.2	Tornanádaska
09	10:33:03.3	47.088N	18.047E	1.5	Királyszentistván
09	11:00:21.5	48.933N	21.796E	1.7	Slovakia
09	11:29:56.2	47.139N	17.858E	1.3	Márkó
09	11:31:02.8	47.225N	18.266E	1.0	Iszkaszentgyörgy
09	15:40:37.5	47.125N	18.037E	1.0	Hajmáskér
10	11:01:56.9	48.046N	19.645E	0.9	Sóshartyán
12	9:01:06.8	47.545N	18.557E	1.3	Nagyegyháza
12	9:44:16.2	48.591N	20.708E	1.7	Slovakia
12	10:48:41.9	46.109N	18.051E	1.1	Bükkösd
12	11:31:26.7	47.226N	18.242E	0.7	Iszkaszentgyörgy
12	13:32:12.8	46.133N	18.008E	1.5	Hetvehely
12	13:40:56.8	47.236N	18.183E	0.8	Bakonykúti
13	7:34:43.5	47.981N	20.010E	0.8	Mátraballa
13	11:27:29.7	47.908N	19.841E	1.7	Mátraszentimre
14	9:25:21.2	48.575N	20.757E	1.5	Tornanádaska
14	10:08:45.8	46.877N	17.383E	1.5	Lesencetomaj
14	11:11:20.5	47.092N	18.019E	1.1	Litér
14	11:33:13.5	48.210N	18.793E	1.6	Slovakia
15	11:06:30.3	48.583N	20.803E	1.5	Tornanádaska
15	11:44:12.8	45.648N	17.302E	1.7	Croatia
16	8:42:27.9	46.160N	18.304E	0.6	Zobákpuszt
16	9:02:54.4	48.604N	20.733E	1.7	Slovakia
17	9:01:30.6	47.064N	18.020E	1.5	Balatonfűzfő
19	10:00:35.7	46.126N	18.060E	1.4	Hetvehely
19	10:47:45.2	47.093N	18.052E	1.3	Vilonya
19	11:02:47.0	48.181N	16.916E	2.0	Austria
20	9:03:38.5	48.594N	20.763E	1.5	Slovakia

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20	9:12:54.1	48.657N	19.118E	1.2	Slovakia
20	10:15:44.9	48.871N	20.490E	1.9	Slovakia
20	11:02:35.8	48.158N	16.900E	1.6	Austria
21	9:59:07.3	48.672N	20.367E	1.4	Slovakia
21	10:06:45.0	48.603N	20.774E	1.4	Slovakia
21	12:31:50.1	48.661N	20.231E	1.5	Slovakia
22	12:28:50.8	47.868N	19.128E	1.6	Nótinc
23	8:23:03.8	47.110N	18.055E	1.2	Vilonya
23	8:30:29.4	47.324N	18.497E	1.0	Lovasberény
23	9:30:18.7	48.607N	20.747E	1.4	Slovakia
23	10:44:10.8	48.215N	21.229E	1.6	Rátka
23	11:01:09.7	48.799N	20.734E	1.5	Slovakia
26	7:51:14.4	48.614N	20.762E	1.3	Slovakia
26	8:43:36.5	47.290N	17.649E	1.2	Homokbödöge
26	8:50:57.5	47.292N	17.633E	0.9	Homokbödöge
26	10:00:47.6	46.853N	17.382E	1.6	Lesencetomaj
26	10:37:59.3	48.599N	20.749E	1.3	Slovakia
27	8:00:09.9	46.232N	18.471E	1.2	Mecseknádasd
27	9:20:16.0	48.599N	20.743E	1.5	Slovakia
27	10:55:35.9	48.471N	17.402E	1.8	Slovakia
28	7:40:48.5	48.597N	20.775E	1.6	Slovakia
28	8:15:16.1	46.130N	18.043E	1.7	Hetvehely
28	11:53:57.9	46.153N	18.028E	1.7	Hetvehely
28	14:08:00.4	48.358N	19.845E	1.6	Slovakia
29	6:50:36.5	47.100N	18.042E	1.3	Királyszentistván
29	8:16:20.8	48.600N	20.757E	1.5	Slovakia
29	9:00:40.8	48.219N	21.239E	2.0	Rátka

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03	7:08:30.2	47.284N	18.332E	1.2	Magyaralmás
03	7:16:29.5	47.350N	18.405E	1.9	Gánt
03	9:14:13.7	48.091N	20.689E	1.6	Bükkszentlászló
03	9:59:31.4	48.531N	17.411E	1.0	Slovakia
04	8:57:34.5	47.207N	18.288E	0.9	Iszkaszentgyörgy
04	10:14:27.1	48.596N	20.727E	1.4	Slovakia
04	12:59:21.7	48.319N	17.222E	2.2	Slovakia
05	8:21:55.0	47.336N	18.425E	1.4	Zámoly
05	8:29:30.1	47.325N	18.444E	1.3	Zámoly
05	8:46:37.0	48.592N	20.766E	1.6	Slovakia
06	8:54:18.5	47.033N	17.793E	1.3	Tótvázsony
06	8:57:33.0	46.182N	18.285E	0.9	Zobákpuszta
06	8:59:13.1	47.195N	18.298E	1.2	Székesfehérvár
06	9:15:52.9	48.229N	21.191E	1.9	Golop
09	8:37:00.9	48.587N	20.757E	1.5	Slovakia
10	6:55:07.8	47.326N	18.446E	1.7	Zámoly
10	8:59:34.2	48.227N	18.763E	1.6	Slovakia
10	9:16:45.1	48.199N	19.806E	1.5	Slovakia
10	10:08:17.1	47.199N	18.303E	0.8	Székesfehérvár
11	7:57:54.1	47.850N	19.121E	1.6	Szendehely
11	8:11:56.2	45.621N	17.316E	1.9	Croatia
11	8:55:54.2	46.169N	18.300E	0.6	Zobákpuszta
12	7:49:53.4	47.341N	18.456E	1.2	Lovasberény
12	8:00:43.1	47.103N	18.010E	1.0	Litér
12	10:48:48.5	47.179N	18.308E	0.6	Székesfehérvár
13	10:08:19.9	48.253N	21.213E	1.8	Abaújszántó
13	11:12:51.1	46.092N	17.994E	1.4	Cserdi
16	8:21:34.0	48.594N	20.739E	1.4	Slovakia
16	8:27:33.6	47.339N	18.475E	1.0	Lovasberény
16	9:08:47.0	45.834N	18.422E	1.4	Nagyharsány
16	9:54:50.6	48.470N	17.467E	1.2	Slovakia

Földrengés paraméterek

Hypocenter Parameters

16	11:13:00.1	47.332N	18.006E	0.9	Csetény
17	8:09:32.5	48.005N	20.317E	1.6	Szarvaskő
17	9:22:40.2	46.268N	18.460E	1.3	Kismányok
17	11:13:07.1	47.190N	18.297E	0.8	Sárkeszi
18	9:13:48.5	46.179N	18.294E	0.9	Zobákpusztza
18	9:31:41.1	47.209N	18.286E	0.7	Iszkaszentgyörgy
18	9:41:53.3	48.607N	20.752E	1.7	Slovakia
18	10:26:07.5	47.103N	18.011E	1.1	Litér
18	11:31:51.2	47.930N	20.091E	1.9	Recsk
19	8:06:36.8	47.413N	18.346E	1.1	Gánt
19	8:07:09.2	47.331N	18.435E	1.0	Zámoly
19	9:00:42.5	48.590N	20.767E	1.6	Slovakia
19	9:18:01.7	48.831N	21.187E	1.6	Slovakia
19	9:19:04.3	48.345N	19.010E	1.6	Slovakia
19	9:30:45.9	47.570N	18.430E	1.0	Tatabánya
20	8:17:37.7	48.601N	20.724E	1.4	Slovakia
20	8:58:50.2	46.164N	18.306E	1.0	Zobákpusztza
23	6:38:23.6	47.142N	18.097E	1.0	Öskü
23	7:18:49.4	47.106N	17.994E	1.1	Litér
23	7:49:31.7	47.102N	18.028E	1.2	Királyszentistván
23	8:43:55.6	48.607N	20.755E	1.6	Slovakia
23	11:43:06.8	47.575N	18.427E	1.3	Tatabánya
24	7:57:51.2	48.482N	18.698E	1.6	Slovakia
24	9:14:31.3	48.591N	20.784E	1.5	Slovakia
24	10:33:46.1	48.841N	21.183E	1.4	Slovakia
25	7:31:01.3	48.614N	20.731E	1.4	Slovakia
25	7:41:22.2	47.327N	17.643E	1.1	Ugod
25	8:00:40.6	47.219N	18.285E	0.7	Iszkaszentgyörgy
25	10:34:49.3	48.497N	20.372E	1.4	Slovakia
25	11:19:10.4	48.241N	21.212E	2.1	Tállya
25	11:51:19.3	48.654N	20.224E	1.4	Slovakia
26	7:17:50.1	47.340N	18.433E	1.5	Zámoly
26	7:25:40.1	47.352N	18.483E	1.1	Lovasberény
26	7:54:33.5	48.069N	20.685E	1.4	Bükkszentlászló
26	8:09:26.3	48.417N	19.134E	1.6	Slovakia
26	9:11:39.1	46.177N	18.286E	0.3	Zobákpusztza
26	9:44:14.5	47.206N	18.293E	1.0	Székesfehérvár
26	10:01:56.5	48.174N	16.907E	1.8	Austria
26	11:24:18.8	48.362N	19.855E	1.5	Slovakia
26	11:45:27.5	48.365N	19.855E	1.4	Slovakia
27	8:45:33.8	47.106N	18.003E	0.9	Litér
27	8:54:33.6	46.181N	18.289E	1.0	Zobákpusztza
27	9:33:00.7	46.142N	17.990E	1.5	Hetvehely

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02	6:23:56.4	48.453N	17.200E	2.1	Slovakia
02	6:48:15.1	47.279N	18.400E	1.4	Zámoly
02	9:21:27.2	48.368N	19.859E	1.5	Slovakia
02	9:30:05.2	48.636N	17.528E	1.7	Slovakia
02	10:01:16.8	47.290N	17.642E	1.6	Homokbödöge
02	10:05:13.1	47.569N	18.475E	1.1	Tatabánya
02	11:16:12.1	45.635N	17.299E	1.8	Croatia
03	6:31:15.7	48.147N	20.644E	1.1	Parasznya
03	6:37:03.3	47.312N	18.394E	1.4	Zámoly
03	8:00:03.9	48.560N	20.750E	1.0	Komjáti
03	8:43:29.0	46.986N	22.288E	1.9	Romania
03	10:16:23.1	47.246N	18.264E	0.8	Iszkaszentgyörgy
03	12:13:36.5	48.218N	21.264E	1.9	Mád
04	7:25:09.5	48.735N	18.728E	1.2	Slovakia
04	8:45:37.2	48.602N	20.765E	1.5	Slovakia

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Földrengés paraméterek

04	10:01:49.8	48.171N	16.884E	1.5	Austria
07	9:56:28.6	48.411N	20.625E	1.3	Felsőtelekes
07	10:03:07.8	46.137N	18.050E	1.0	Hetvehely
07	10:26:20.5	46.113N	18.062E	1.0	Bükkösd
08	6:38:34.0	47.431N	18.387E	1.1	Gánt
08	8:10:11.1	48.643N	20.734E	1.2	Slovakia
08	9:05:51.3	48.225N	21.244E	2.3	Tállya
08	10:01:23.7	48.103N	16.930E	1.9	Austria
08	10:02:15.4	47.206N	18.280E	0.9	Csór
09	7:10:06.7	47.348N	18.431E	1.5	Gánt
09	7:17:32.7	47.340N	18.418E	1.0	Zámoly
09	8:04:31.1	48.596N	20.731E	1.5	Slovakia
09	8:50:35.7	47.196N	18.297E	0.5	Székesfehérvár
09	9:09:00.2	46.116N	17.997E	1.2	Bükkösd
09	13:49:30.4	47.577N	18.450E	1.0	Tatabánya
10	8:43:33.5	48.218N	18.786E	1.5	Slovakia
10	9:11:41.3	47.905N	19.405E	1.6	Becske
10	10:23:56.3	48.424N	20.765E	1.2	Galvács
10	11:45:26.4	48.352N	19.867E	1.8	Slovakia
11	7:36:14.2	47.286N	18.330E	1.1	Magyaralmás
11	8:00:57.0	48.590N	20.773E	1.6	Slovakia
11	10:43:43.8	46.273N	21.997E	1.5	Romania
11	11:11:00.5	48.323N	19.872E	1.6	Slovakia
12	7:04:55.8	48.056N	19.640E	1.1	Sóshartyán
12	8:51:17.4	46.168N	18.298E	1.2	Zobákipuszta
14	6:57:02.0	47.099N	18.024E	1.5	Királyszentistván
14	7:05:01.4	48.079N	20.693E	1.1	Bükkszentlászló
14	8:45:44.3	45.576N	17.432E	1.5	Croatia
14	8:48:34.4	48.665N	20.730E	1.8	Slovakia
14	9:01:25.3	48.592N	20.752E	1.2	Slovakia
14	9:13:18.9	48.447N	19.527E	1.5	Slovakia
14	10:10:04.8	47.121N	17.840E	1.4	Márkó
15	7:21:11.3	47.831N	19.854E	1.6	Gyöngyöstarján
15	7:52:12.4	48.482N	18.767E	1.6	Slovakia
15	8:06:22.9	48.585N	20.779E	1.4	Slovakia
15	9:05:34.3	46.251N	18.463E	1.4	Kismányok
15	10:50:43.1	47.205N	18.298E	0.9	Székesfehérvár
16	7:06:42.3	48.600N	20.782E	1.5	Slovakia
16	8:56:04.9	47.372N	18.452E	1.4	Csákvár
16	10:01:50.6	48.129N	16.951E	1.7	Austria
16	10:31:57.4	48.352N	19.843E	1.6	Slovakia
16	10:47:47.6	48.099N	19.003E	1.6	Slovakia
17	7:24:18.6	47.309N	18.454E	1.4	Pátka
17	7:24:41.8	47.305N	18.470E	1.5	Pátka
17	7:41:32.1	47.134N	18.107E	0.7	Öskü
17	8:06:49.9	48.618N	20.726E	1.6	Slovakia
17	9:09:48.2	46.983N	22.260E	2.0	Romania
17	9:43:29.0	47.192N	18.299E	0.8	Székesfehérvár
17	10:05:12.6	47.852N	19.135E	1.2	Szendehely
18	6:27:08.5	48.518N	21.141E	1.2	Slovakia
18	10:01:00.2	48.217N	21.253E	2.0	Rátka
19	8:59:09.4	46.164N	18.299E	0.9	Zobákipuszta
21	7:09:19.0	48.430N	17.222E	1.9	Slovakia
21	8:06:42.9	48.616N	20.731E	1.3	Slovakia
21	12:59:43.8	48.429N	17.221E	2.1	Slovakia
21	15:31:16.5	47.007N	17.631E	1.5	Pula
22	8:39:38.2	48.772N	18.949E	1.5	Slovakia
22	8:41:36.2	47.539N	18.482E	1.1	Szárliget
22	8:42:45.6	48.598N	20.760E	1.5	Slovakia
22	9:23:12.2	46.113N	18.099E	1.8	Kövágótöttös

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23	8:08:14.8	48.581N	20.766E	1.5	Slovakia
23	8:10:59.4	48.214N	19.792E	1.5	Slovakia
23	8:50:16.2	48.888N	20.502E	2.2	Slovakia
23	10:43:14.4	47.032N	17.995E	1.1	Balatonfüzfő
23	14:33:45.2	47.097N	18.036E	1.3	Királyszentistván
24	7:12:51.7	47.326N	18.431E	1.7	Zámoly
24	9:06:49.4	47.207N	18.298E	0.5	Székesfehérvár
24	10:13:18.7	48.157N	16.911E	1.7	Austria
25	8:06:30.7	47.555N	18.440E	1.8	Tatabánya
25	9:23:16.6	48.809N	21.564E	2.0	Slovakia
25	14:34:42.5	47.848N	20.158E	1.0	Tarnaszentmária
28	6:20:56.4	46.844N	18.639E	1.1	Alap
28	7:52:03.6	48.056N	20.699E	1.5	Miskolctapolca
28	8:03:26.2	47.941N	20.068E	1.8	Mátraderecske
28	8:19:45.1	48.646N	20.849E	1.3	Slovakia
28	8:23:30.2	47.866N	19.868E	1.6	Gyöngyösoroszi
28	10:04:06.6	47.065N	17.904E	1.6	Veszprém
28	10:10:26.5	47.926N	20.076E	1.8	Parád
29	7:17:39.5	47.791N	19.893E	1.5	Gyöngyös
29	7:58:58.2	47.321N	18.458E	1.6	Pátka
29	8:10:18.6	47.331N	18.445E	1.8	Zámoly
29	9:00:40.3	48.220N	18.772E	1.7	Slovakia
29	9:23:48.6	46.165N	18.310E	0.7	Zobákpusztta
29	9:33:01.3	48.567N	20.812E	1.5	Tornanádaska
29	9:44:51.1	46.126N	18.080E	1.5	Abaliget
29	11:14:43.8	48.827N	21.219E	1.8	Slovakia
30	7:44:53.9	48.571N	19.362E	1.5	Slovakia
30	8:36:10.8	48.570N	20.778E	1.5	Tornanádaska
30	8:52:56.1	47.570N	18.418E	1.2	Tatabánya
30	9:17:32.9	47.060N	19.423E	1.1	Tatárszentgyörgy
30	10:01:40.5	48.607N	20.887E	1.3	Slovakia
31	7:16:53.0	48.316N	17.416E	2.0	Slovakia
31	7:49:23.3	48.574N	20.790E	1.2	Tornanádaska
31	9:45:51.7	48.380N	18.531E	1.5	Slovakia
31	10:06:32.5	47.238N	18.259E	0.7	Iszkaszentgyörgy
31	12:20:39.1	48.237N	21.229E	1.9	Tállya

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01	8:39:22.2	45.858N	18.416E	1.5	Nagyharsány
02	8:59:48.5	46.184N	18.289E	0.8	Zobákpusztta
02	9:12:13.4	48.459N	18.663E	1.8	Slovakia
04	8:42:32.1	47.092N	17.980E	1.1	Litér
04	8:55:56.7	48.598N	20.794E	1.5	Slovakia
04	10:21:09.9	46.014N	18.275E	1.1	Pécsudvard
05	7:43:15.0	48.590N	20.757E	1.4	Slovakia
05	9:38:43.3	47.216N	18.267E	1.1	Iszkaszentgyörgy
06	6:18:00.9	47.304N	18.317E	0.9	Magyaralmás
06	6:33:33.6	47.330N	18.446E	1.7	Zámoly
06	7:30:00.2	47.478N	18.420E	1.0	Várgesztes
06	9:30:42.0	47.576N	18.453E	1.4	Tatabánya
06	9:47:47.5	47.213N	18.254E	0.8	Csór
06	9:57:13.7	47.917N	20.064E	1.9	Parád
06	10:02:35.3	48.179N	16.885E	1.7	Austria
07	10:51:44.9	48.391N	19.361E	1.5	Slovakia
08	8:05:08.8	48.576N	20.785E	1.5	Tornanádaska
08	8:06:44.8	48.409N	19.114E	1.2	Slovakia
08	8:15:55.4	48.589N	20.648E	1.2	Slovakia
08	9:57:31.0	46.259N	18.467E	1.3	Kismányok
08	10:28:21.1	46.158N	18.320E	0.6	Zobákpusztta
11	7:57:46.9	48.600N	20.748E	1.4	Slovakia

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11	8:56:47.4	46.191N	18.276E	1.0	Komló
11	10:12:45.6	48.783N	21.247E	1.6	Slovakia
11	10:20:45.0	48.379N	18.443E	1.0	Slovakia
12	6:45:19.9	48.683N	18.066E	2.2	Slovakia
12	6:48:15.2	47.368N	18.382E	1.5	Gánt
12	6:54:39.2	47.332N	18.438E	1.0	Zámoly
12	8:03:01.0	47.236N	18.269E	0.7	Iszkaszentgyörgy
12	8:14:53.5	48.549N	20.760E	1.1	Komjáti
12	10:30:13.2	45.890N	18.288E	1.1	Máriagyüd
12	12:41:22.1	48.900N	20.632E	1.6	Slovakia
13	5:24:30.0	47.340N	18.391E	1.3	Zámoly
13	6:13:14.6	47.296N	18.291E	0.3	Fehérvárcsurgó
13	8:21:17.8	48.594N	20.767E	1.8	Slovakia
13	8:28:03.6	48.619N	19.000E	1.4	Slovakia
13	10:00:55.2	48.166N	16.883E	1.4	Austria
14	9:03:49.5	48.895N	20.480E	1.9	Slovakia
14	9:27:24.4	47.853N	19.118E	1.7	Szendehegy
14	11:01:45.1	48.192N	19.799E	1.2	Somoskő
15	6:05:22.4	48.704N	18.670E	1.8	Slovakia
15	6:36:10.9	47.306N	18.302E	0.7	Söréd
15	8:46:38.0	46.213N	18.262E	1.0	Komló
15	8:59:02.5	48.417N	17.272E	1.8	Slovakia
15	9:54:01.1	47.245N	18.250E	0.9	Iszkaszentgyörgy
15	10:08:23.2	47.097N	18.030E	1.1	Királyszentistván
15	11:05:18.3	48.541N	19.335E	1.8	Slovakia
15	13:09:00.1	48.589N	17.498E	1.8	Slovakia
18	7:54:03.4	47.339N	18.470E	1.2	Lovasberény
18	8:45:09.2	48.602N	20.764E	1.7	Slovakia
18	10:01:12.7	48.168N	16.857E	1.8	Austria
18	10:03:30.1	47.545N	18.478E	1.1	Szárliget
19	9:54:48.3	47.239N	18.275E	0.8	Iszkaszentgyörgy
20	6:45:40.7	48.434N	17.210E	1.7	Slovakia
20	6:56:14.9	47.375N	18.382E	1.3	Gánt
20	8:05:16.3	48.574N	20.811E	1.6	Tornanádaska
20	10:51:30.8	47.228N	18.278E	0.7	Iszkaszentgyörgy
21	7:48:30.6	48.520N	17.465E	1.2	Slovakia
21	9:27:02.0	47.203N	18.309E	1.1	Iszkaszentgyörgy
21	9:29:27.5	46.866N	17.404E	1.7	Raposka
22	7:17:43.8	47.359N	18.442E	1.4	Gánt
22	8:18:52.4	48.451N	18.751E	1.5	Slovakia
23	9:13:52.4	46.171N	18.296E	0.4	Zobákpuszta
23	9:21:44.5	46.175N	18.294E	0.6	Zobákpuszta
25	7:16:11.5	48.674N	18.539E	1.5	Slovakia
25	8:08:20.5	48.587N	20.772E	1.2	Slovakia
25	8:46:54.8	47.111N	18.076E	1.1	Vilonya
25	10:00:43.9	48.156N	16.907E	1.5	Austria
26	7:35:19.9	47.332N	18.427E	1.7	Zámoly
26	8:02:22.8	48.614N	20.763E	1.4	Slovakia
26	9:10:41.9	47.201N	18.286E	0.7	Csór
26	10:51:19.3	48.235N	21.237E	2.1	Tállya
26	12:01:22.0	48.415N	17.212E	1.9	Slovakia
26	13:17:08.4	48.280N	18.562E	1.6	Slovakia
27	7:59:03.2	47.031N	18.005E	1.3	Balatonfüzfő
27	8:31:57.0	48.670N	18.074E	1.4	Slovakia
27	9:11:08.3	48.544N	20.781E	1.3	Komjáti
27	10:05:59.5	47.209N	18.402E	0.7	Székesfehérvár
28	5:53:06.1	47.339N	18.427E	1.6	Zámoly
28	9:49:25.5	47.198N	18.310E	1.0	Székesfehérvár
28	11:39:51.4	48.641N	20.220E	1.6	Slovakia
29	6:27:07.2	47.334N	18.449E	1.4	Zámoly

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29	8:26:25.5	48.592N	20.744E	1.6	Slovakia
29	9:54:10.8	48.511N	17.478E	1.2	Slovakia
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02	8:32:08.5	47.125N	17.892E	1.2	Márkó
02	13:04:08.1	48.313N	21.500E	2.0	Herceggút
03	6:23:55.7	47.356N	18.399E	1.2	Gánt
03	8:30:11.6	48.555N	20.768E	1.9	Komjáti
03	9:33:04.3	47.104N	18.030E	1.0	Királyszentistván
03	9:41:35.7	47.104N	18.038E	1.0	Királyszentistván
03	10:43:29.3	48.168N	21.275E	1.9	Mád
03	12:00:53.2	47.550N	18.463E	0.8	Tatabánya
03	13:37:05.5	47.605N	18.504E	1.0	Tarján
05	7:12:21.0	47.337N	18.435E	1.2	Zámoly
05	8:18:50.0	48.633N	18.558E	1.6	Slovakia
05	9:19:48.6	46.169N	18.293E	0.9	Zobákpuszta
05	9:20:18.7	47.705N	18.509E	1.5	Lábatlan
05	9:25:46.5	47.894N	19.407E	1.1	Bercel
05	9:45:58.3	47.183N	18.299E	0.6	Sárkeszi
05	11:30:20.9	47.108N	18.059E	0.9	Vilonya
05	11:34:16.7	47.909N	19.425E	1.6	Szanda
06	6:28:07.1	47.368N	18.370E	1.1	Gánt
06	7:34:29.1	47.246N	18.213E	0.9	Bakonykúti
06	8:28:10.7	47.542N	18.560E	1.3	Nagyegyháza
06	10:15:11.5	48.040N	19.637E	1.4	Sóshartyán
06	10:30:52.2	47.189N	18.303E	0.9	Székesfehérvár
07	9:32:13.7	46.161N	18.303E	0.8	Zobákpuszta
09	8:29:53.8	45.890N	18.411E	1.7	Villánykövesd
09	9:43:00.7	46.120N	18.111E	1.1	Abaliget
09	11:52:54.8	47.312N	17.643E	1.5	Homokbödöge
10	9:32:40.8	48.202N	19.813E	0.8	Slovakia
10	12:47:26.0	47.947N	20.054E	1.6	Mátraderecske
11	6:31:33.2	47.334N	18.449E	1.1	Zámoly
11	7:11:29.4	47.811N	19.116E	1.0	Vác
11	8:01:28.2	48.615N	20.767E	1.5	Slovakia
11	8:42:56.9	46.191N	18.272E	0.6	Komló
11	10:01:18.7	48.128N	16.948E	1.5	Austria
11	10:19:36.0	47.220N	18.286E	0.8	Iszkaszentgyörgy
11	11:15:14.0	48.361N	19.839E	1.8	Slovakia
11	11:18:33.7	47.124N	18.136E	1.0	Berhida
12	8:58:36.7	46.210N	18.262E	1.1	Komló
12	9:04:10.8	47.072N	18.046E	1.1	Balatonfűzfő
12	9:44:39.0	48.585N	20.767E	1.3	Slovakia
12	10:41:51.7	46.137N	18.055E	0.9	Hetvehely
12	11:59:40.5	48.322N	19.867E	1.9	Slovakia
13	8:02:03.7	48.611N	20.727E	1.4	Slovakia
13	8:57:57.7	47.198N	18.313E	0.9	Székesfehérvár
13	11:14:22.9	47.274N	17.652E	1.6	Homokbödöge
16	8:27:25.9	47.574N	16.344E	1.1	Austria
16	9:22:38.1	47.107N	18.021E	1.0	Királyszentistván
16	10:28:00.5	48.204N	21.244E	2.0	Mád
17	6:47:59.3	47.456N	18.533E	1.6	Szár
17	8:03:03.2	48.417N	19.104E	1.6	Slovakia
17	11:28:33.4	47.207N	18.290E	0.5	Iszkaszentgyörgy
17	12:00:08.4	48.414N	17.214E	1.6	Slovakia
18	7:40:19.6	48.590N	20.751E	1.7	Slovakia
18	7:53:46.6	47.902N	19.422E	1.3	Bercel
19	6:00:51.1	47.262N	18.257E	1.3	Kincsesbánya
19	7:33:04.7	47.337N	18.433E	1.3	Zámoly
19	10:00:09.7	47.203N	18.230E	1.0	Csór

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20	7:20:20.9	47.334N	18.451E	1.2	Zámoly
20	7:20:51.7	47.412N	18.362E	1.2	Gánt
20	8:39:49.0	48.222N	21.228E	2.2	Rátka
20	10:16:43.9	48.564N	20.812E	1.3	Hidvégdárdó
20	11:19:43.0	47.185N	18.315E	0.8	Székesfehérvár
23	8:02:35.9	48.617N	20.746E	1.1	Slovakia
24	8:05:57.4	48.582N	20.775E	1.5	Slovakia
24	9:42:59.1	47.201N	18.328E	1.0	Székesfehérvár
24	10:00:39.8	48.157N	16.932E	1.7	Austria
25	7:22:16.0	48.599N	20.762E	1.2	Slovakia
25	8:44:40.0	47.836N	19.108E	1.2	Szendehely
26	8:52:45.5	47.090N	18.023E	1.4	Litér
26	9:18:46.9	47.387N	18.365E	1.4	Gánt
27	8:40:31.1	47.570N	18.481E	1.2	Tatabánya
30	9:48:06.2	47.685N	18.475E	1.8	Tardosbánya
31	7:16:53.0	48.540N	19.343E	1.8	Slovakia
31	8:25:20.3	48.586N	20.766E	1.2	Slovakia

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01	7:35:32.0	47.345N	18.447E	1.3	Zámoly
01	8:24:45.3	47.845N	19.109E	1.5	Szendehely
01	8:30:22.5	48.677N	20.368E	1.7	Slovakia
01	9:51:05.3	46.142N	18.044E	0.7	Hetvehely
01	10:01:03.5	48.152N	16.917E	1.9	Austria
01	10:10:11.1	48.353N	19.856E	1.7	Slovakia
01	10:56:59.3	47.208N	18.279E	0.8	Iszkaszentgyörgy
01	11:00:14.0	48.255N	21.254E	1.6	Tállya
01	11:13:05.6	48.232N	21.244E	2.0	Tállya
02	8:42:09.0	48.025N	20.704E	1.2	Kisgyőr
02	9:04:45.3	48.586N	20.785E	1.9	Slovakia
02	9:25:59.6	46.260N	18.473E	1.0	Hidas
03	8:24:05.1	48.624N	20.762E	1.5	Slovakia
03	9:23:55.0	46.178N	18.294E	0.9	Zobákpuszta
03	10:19:51.0	47.230N	18.312E	1.1	Moha
06	8:29:06.7	48.799N	20.102E	1.6	Slovakia
06	8:32:40.9	47.219N	18.294E	1.1	Moha
06	9:15:45.0	46.131N	18.041E	0.9	Hetvehely
06	9:17:30.4	46.138N	18.025E	1.1	Hetvehely
07	8:37:54.9	48.819N	21.193E	1.9	Slovakia
07	9:01:26.3	46.187N	18.289E	0.6	Zobákpuszta
07	9:17:04.1	48.583N	20.759E	1.5	Slovakia
07	9:45:06.9	47.152N	18.299E	1.3	Sárkeszi
08	6:28:57.4	47.904N	19.400E	1.2	Becske
08	7:32:20.8	47.114N	17.976E	1.3	Kádárta
08	7:42:31.3	47.296N	18.358E	1.1	Magyaralmás
08	8:59:50.5	48.583N	20.737E	1.4	Slovakia
08	9:33:50.7	47.185N	18.306E	0.6	Székesfehérvár
08	11:20:10.6	47.950N	20.071E	1.5	Mátraderecske
09	8:45:14.1	47.100N	18.007E	1.2	Litér
09	9:17:40.1	47.098N	18.038E	1.3	Királyszentistván
09	10:01:23.5	48.196N	16.988E	1.7	Austria
09	10:15:43.3	48.220N	21.234E	2.0	Rátka
09	10:26:50.0	48.239N	21.210E	1.8	Tállya
10	9:22:51.9	48.610N	20.778E	1.2	Slovakia
11	9:14:19.8	46.169N	18.299E	0.6	Zobákpuszta
13	8:51:39.5	47.542N	18.569E	1.3	Nagyegyháza
13	8:59:49.3	48.622N	20.763E	1.4	Slovakia
13	10:37:29.6	46.187N	17.986E	1.1	Bakóca
14	8:02:25.9	47.800N	19.883E	1.3	Gyöngyöstarján
14	8:15:54.9	48.619N	20.747E	1.0	Slovakia

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14	9:12:41.7	47.026N	17.969E	1.3	Felsőörs
14	9:55:01.4	48.538N	17.452E	2.6	Slovakia
15	6:24:53.5	47.945N	20.094E	1.1	Mátraderecske
15	8:37:00.9	47.407N	18.389E	2.0	Gánt
15	8:37:42.5	47.322N	18.444E	1.0	Zámoly
16	7:24:25.5	47.120N	18.020E	0.7	Sóly
16	7:58:14.7	48.512N	18.895E	1.5	Slovakia
16	9:40:44.3	47.207N	18.299E	0.5	Székesfehérvár
16	9:50:46.9	47.846N	19.121E	1.8	Szendehely
16	9:57:01.8	47.842N	19.161E	1.0	Ósagárd
16	10:29:41.0	48.199N	21.237E	2.0	Rátka
17	7:53:57.2	47.200N	18.284E	1.2	Csór
17	8:28:01.2	48.611N	20.777E	1.5	Slovakia
17	10:02:37.0	46.097N	18.122E	1.0	Kővágószőlős
17	10:05:57.0	46.110N	18.124E	1.2	Kővágószőlős
18	8:37:57.2	46.194N	18.259E	0.8	Komló
21	6:30:32.1	47.112N	17.777E	1.0	Bánd
21	6:33:37.5	47.346N	18.444E	1.3	Gánt
21	8:18:41.4	48.610N	20.746E	1.3	Slovakia
21	8:47:31.2	46.223N	18.254E	0.7	Komló
22	8:52:56.5	47.705N	18.563E	1.7	Mogyorósbánya
22	9:15:37.9	48.324N	19.887E	2.0	Slovakia
22	12:52:29.8	46.269N	18.455E	0.9	Kismányok
23	6:24:38.0	47.180N	18.236E	0.7	Csór
23	7:09:04.6	47.410N	18.404E	1.2	Gánt
23	7:45:22.1	48.348N	19.058E	1.5	Slovakia
23	7:51:52.0	47.844N	19.906E	1.5	Gyöngyösoroszi
23	8:43:57.3	47.103N	18.049E	1.0	Vilonya
23	9:15:29.5	48.399N	17.260E	2.2	Slovakia
23	9:56:50.3	46.139N	18.052E	1.1	Hetvehely
24	6:03:09.0	47.099N	18.018E	1.0	Litér
24	7:31:07.9	48.325N	21.282E	1.7	Boldogkőújfalu
24	9:30:30.7	47.555N	18.513E	1.8	Szárliget
24	11:34:58.3	48.250N	21.242E	2.4	Tállya
24	14:10:42.2	48.876N	21.341E	1.8	Slovakia
26	20:04:54.4	47.138N	18.288E	0.6	Úrhida
27	8:24:57.4	47.898N	19.163E	1.3	Felsőpetény
28	7:58:57.7	47.329N	18.448E	1.7	Zámoly
28	8:19:36.5	48.611N	20.743E	1.5	Slovakia
28	9:05:23.6	46.177N	18.292E	0.8	Zobákpusztta
28	9:22:04.8	47.575N	18.420E	1.5	Tatabánya
29	7:41:43.5	47.902N	19.406E	1.8	Becske
29	8:41:11.3	47.852N	19.124E	1.7	Szendehely
29	10:33:19.7	46.105N	18.041E	1.0	Bükkösd
29	11:02:48.5	46.129N	18.082E	1.0	Abaliget
30	6:10:47.1	47.120N	17.774E	1.1	Bánd
30	7:22:56.9	47.272N	18.363E	1.3	Sárkereszttes
30	7:32:51.3	47.210N	18.265E	0.9	Csór
30	8:31:30.8	48.556N	20.775E	1.3	Tornanádaska
30	10:34:12.4	48.663N	21.477E	1.4	Slovakia
31	8:01:23.2	47.099N	17.965E	1.3	Kádárta

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01	8:55:25.7	46.176N	18.290E	0.9	Zobákpusztta
03	7:58:29.1	48.562N	20.756E	1.4	Komjáti
03	9:09:49.8	47.936N	20.090E	1.9	Mátraderecske
03	10:00:28.8	48.115N	18.984E	1.3	Slovakia
03	11:19:19.5	47.988N	20.018E	1.5	Mátraballa
04	8:12:03.3	48.601N	20.770E	1.2	Slovakia
05	9:08:46.0	48.626N	20.789E	1.4	Slovakia

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05	9:37:02.6	46.194N	18.259E	0.7	Komló
05	13:13:56.3	48.477N	18.847E	1.5	Slovakia
06	7:35:26.7	46.252N	18.462E	1.3	Kismányok
06	8:18:15.3	48.066N	20.685E	1.4	Bükkszentlászló
06	8:31:22.2	48.551N	20.751E	1.4	Komjáti
07	8:09:20.7	48.571N	20.808E	1.5	Tornanádaska
07	9:05:44.0	47.201N	18.314E	0.7	Székesfehérvár
07	9:16:20.5	47.881N	19.161E	1.5	Nótincs
07	9:55:32.4	47.699N	18.710E	1.1	Csolnok
07	10:59:32.5	46.051N	18.126E	1.1	Cserkút
10	8:25:50.5	48.590N	20.759E	1.5	Slovakia
11	9:01:28.1	47.100N	18.032E	1.3	Királyszentistván
11	9:32:57.3	48.634N	19.138E	1.7	Slovakia
11	9:48:39.2	47.248N	18.256E	0.8	Iszkaszentgyörgy
12	7:01:26.0	47.930N	20.061E	1.9	Bodony
12	10:56:18.6	47.546N	18.502E	1.5	Szárliget
13	9:06:57.4	45.888N	18.399E	1.1	Villánykövesd
13	10:20:43.6	48.233N	21.236E	1.8	Tállya
13	13:36:22.5	47.591N	18.430E	1.2	Tatabánya
14	6:08:46.9	47.184N	18.225E	1.0	Csór
14	6:12:54.0	47.182N	18.220E	0.8	Csór
14	6:24:53.1	47.325N	18.425E	1.2	Zámoly
14	8:12:41.1	48.611N	20.756E	1.5	Slovakia
14	8:24:53.0	47.098N	17.742E	1.4	Szentgál
14	8:46:25.9	47.193N	18.263E	1.0	Csór
14	9:14:12.3	48.218N	21.219E	2.2	Rátka
14	15:33:14.4	48.539N	20.823E	1.5	Hidvégardó
15	8:52:36.2	46.043N	18.359E	1.0	Magyarsarlós
17	8:12:41.8	48.003N	20.325E	1.1	Szarvaskő
17	9:22:58.3	47.095N	18.080E	0.9	Papkeszi
17	10:02:29.0	48.151N	16.917E	1.6	Austria
17	10:33:03.4	46.134N	18.080E	1.0	Abaliget
17	10:35:10.9	46.078N	17.943E	1.5	Nagyváty
18	7:28:19.5	47.341N	18.424E	1.4	Zámoly
18	7:37:38.8	47.353N	18.379E	1.3	Gánt
18	8:19:12.2	48.604N	20.764E	1.5	Slovakia
18	9:03:14.6	47.725N	18.778E	1.3	Kesztölc
18	9:18:06.9	47.114N	18.013E	1.2	Királyszentistván
18	10:06:06.0	48.381N	19.840E	1.8	Slovakia
19	7:11:45.0	47.720N	18.557E	1.7	Bajót
19	8:03:27.9	48.640N	20.729E	1.7	Slovakia
20	7:53:23.6	47.321N	18.440E	1.8	Zámoly
20	10:06:16.1	47.212N	18.273E	1.3	Iszkaszentgyörgy
20	10:59:54.6	47.848N	19.130E	1.9	Szendehely
21	6:58:36.4	48.431N	19.111E	1.5	Slovakia
21	10:00:25.4	48.166N	16.895E	2.1	Austria
21	10:41:25.7	47.209N	18.255E	1.0	Csór
21	11:26:53.9	48.246N	21.249E	2.4	Tállya
21	11:39:13.5	48.229N	21.237E	2.1	Tállya
22	8:38:21.5	46.180N	18.277E	1.0	Zobápuszta
24	8:10:04.4	48.590N	20.765E	1.7	Slovakia
24	8:40:51.3	47.120N	18.051E	1.1	Vilonya
24	10:13:14.9	47.035N	17.986E	1.2	Szentkirályszabadja
25	8:11:47.7	47.351N	18.405E	1.7	Gánt
25	8:38:51.7	48.596N	20.757E	2.0	Slovakia
25	9:27:05.6	47.904N	19.395E	1.4	Becske
25	10:29:01.3	47.853N	19.827E	1.6	Gyöngyöspata
25	11:00:25.9	48.882N	20.900E	1.9	Slovakia
25	13:14:53.5	48.444N	17.220E	2.0	Slovakia
26	8:15:18.9	48.010N	20.302E	1.4	Egerbocs

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26	8:55:53.9	48.486N	17.461E	2.3	Slovakia
26	8:58:22.4	47.564N	18.463E	1.5	Tatabánya
27	6:24:44.1	47.282N	18.347E	1.3	Magyaralmás
27	6:40:54.9	47.335N	18.386E	1.2	Zámoly
27	8:27:02.9	47.096N	18.038E	1.1	Királyszentistván
27	9:57:24.0	46.135N	18.062E	1.0	Hetvehely
27	9:59:26.6	46.140N	18.040E	1.2	Hetvehely
28	10:04:14.8	47.179N	18.240E	0.9	Csór
29	9:22:03.3	46.177N	18.289E	0.8	Zobákpusztá

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01	8:39:08.6	48.608N	20.763E	1.8	Slovakia
02	7:07:11.5	47.137N	18.182E	1.0	Ósi
02	7:23:41.8	48.659N	20.740E	1.8	Slovakia
02	8:10:29.0	45.861N	18.409E	1.1	Nagyharsány
02	10:00:46.8	48.167N	16.901E	1.8	Austria
03	6:57:10.9	47.370N	18.386E	1.2	Gánt
03	9:58:53.3	47.188N	18.206E	0.8	Csór
03	10:26:07.3	48.611N	20.771E	1.7	Slovakia
03	10:51:49.3	47.219N	18.292E	1.0	Moha
04	7:16:27.9	47.354N	18.398E	1.3	Gánt
04	8:22:26.5	48.361N	17.302E	1.5	Slovakia
04	8:59:21.3	47.794N	19.107E	1.4	Tahitótfalu
04	9:55:14.1	48.558N	20.736E	1.4	Komjáti
04	10:05:00.2	45.529N	17.803E	1.6	Croatia
04	10:39:53.1	48.214N	21.221E	2.1	Rátka
04	11:02:42.8	48.220N	19.778E	1.4	Slovakia
05	6:10:13.4	47.213N	18.276E	1.1	Iszkaszentgyörgy
05	6:17:29.6	47.192N	18.202E	1.1	Csór
05	6:26:18.2	47.208N	18.260E	1.0	Csór
05	9:27:20.1	47.214N	18.277E	1.1	Iszkaszentgyörgy
06	9:06:41.6	48.048N	19.647E	1.4	Sóshartyán
06	9:08:44.2	48.035N	19.635E	1.3	Sóshartyán
08	7:43:41.8	47.342N	18.382E	1.5	Zámoly
08	7:52:22.4	48.540N	19.325E	1.5	Slovakia
08	11:04:08.3	48.308N	21.531E	1.7	Hercegkút
08	12:15:23.0	46.140N	18.069E	0.9	Abaliget
08	12:28:59.1	46.117N	18.008E	1.1	Bükkösd
08	12:48:04.4	48.366N	19.847E	1.0	Slovakia
09	6:00:01.3	47.297N	18.344E	1.4	Magyaralmás
09	9:29:35.4	47.227N	18.281E	0.9	Iszkaszentgyörgy
09	9:47:54.8	48.485N	18.764E	1.7	Slovakia
09	9:59:42.9	48.624N	20.751E	1.5	Slovakia
09	10:01:02.7	48.150N	16.901E	1.7	Austria
10	8:30:49.0	47.676N	18.619E	1.3	Nagysáp
10	9:17:56.6	47.218N	18.275E	1.1	Iszkaszentgyörgy
11	6:44:40.1	47.334N	18.446E	1.1	Zámoly
11	8:58:28.0	48.267N	18.591E	1.5	Slovakia
11	9:12:31.0	48.604N	20.770E	1.6	Slovakia
11	9:54:53.2	48.240N	21.230E	2.3	Tállya
11	10:21:33.3	46.835N	17.321E	1.9	Lesencefalu
11	12:08:59.8	47.940N	20.201E	1.6	Sírok
12	6:02:29.5	47.201N	18.191E	0.9	Csór
12	7:29:34.3	47.109N	18.023E	1.1	Királyszentistván
12	8:09:05.8	48.596N	20.826E	1.5	Slovakia
12	8:32:55.8	47.559N	18.437E	1.1	Tatabánya
12	10:07:49.6	47.216N	18.269E	1.2	Iszkaszentgyörgy
13	8:32:15.7	48.029N	19.619E	1.5	Nagylóc
13	9:43:37.3	46.169N	18.289E	0.6	Zobákpusztá
15	7:22:40.7	48.324N	21.500E	1.3	Hercegkút

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15	8:00:20.5	48.589N	20.754E	1.6	Slovakia
15	8:33:32.2	47.114N	18.066E	1.4	Vilonya
15	8:42:39.3	48.326N	21.563E	1.0	Sárospatak
15	9:06:16.5	48.345N	19.081E	1.8	Slovakia
15	9:11:32.4	47.102N	18.032E	1.1	Királyszentistván
16	7:24:18.5	48.577N	19.334E	1.9	Slovakia
16	7:27:03.6	47.192N	18.211E	1.0	Csór
16	7:38:09.6	48.604N	20.750E	1.5	Slovakia
16	8:47:12.8	47.449N	18.338E	1.4	Oroszlány
16	8:49:30.2	47.878N	19.201E	1.6	Felsőpetény
16	9:37:44.6	47.136N	18.329E	0.9	Úrhida
16	10:01:08.1	48.152N	16.912E	1.6	Austria
17	6:29:21.1	47.259N	18.159E	1.1	Isztimér
17	7:24:21.6	48.748N	18.969E	1.6	Slovakia
17	10:32:59.5	48.230N	21.257E	2.3	Tállya
17	10:37:10.6	48.591N	20.751E	1.5	Slovakia
17	11:16:01.4	48.426N	17.240E	1.8	Slovakia
18	8:32:18.3	47.356N	18.410E	1.4	Gánt
18	9:02:51.9	48.634N	20.795E	1.5	Slovakia
18	9:07:02.1	47.567N	18.378E	1.2	Tatabánya
18	9:08:55.6	48.413N	18.478E	1.4	Slovakia
18	9:26:43.1	46.097N	17.930E	1.5	Nyugotszenterzsébet
18	10:01:03.0	46.972N	17.494E	1.5	Nyirád
18	10:09:51.5	47.211N	18.290E	0.8	Iszkaszentgyörgy
19	7:17:50.1	47.111N	18.079E	1.1	Vilonya
19	9:04:46.4	46.194N	18.283E	0.8	Komló
19	9:16:58.0	47.221N	18.274E	1.2	Iszkaszentgyörgy
19	9:34:48.1	47.215N	18.292E	0.9	Moha
19	9:43:35.6	45.638N	17.281E	2.0	Croatia
19	10:00:27.2	48.143N	16.933E	1.6	Austria
19	10:16:46.6	48.229N	21.220E	1.8	Rátka
22	10:10:36.9	48.407N	19.087E	1.6	Slovakia
23	8:25:27.3	48.599N	20.739E	1.7	Slovakia
24	6:40:06.7	47.306N	18.342E	1.6	Magyaralmás
24	9:12:05.6	48.540N	20.726E	1.5	Bódvasszilas
24	10:01:45.2	48.160N	16.911E	1.9	Austria
24	12:58:22.8	48.226N	21.270E	2.0	Tállya
25	6:44:30.8	47.306N	17.601E	1.2	Homokbödöge
25	8:06:43.5	47.323N	18.426E	1.4	Zámoly
25	8:24:04.5	46.992N	22.275E	1.8	Romania
25	8:36:10.7	48.608N	20.724E	1.3	Slovakia
25	9:28:34.4	47.200N	18.325E	1.0	Székesfehérvár
25	10:00:10.9	48.165N	16.902E	1.7	Austria
25	10:13:02.5	48.821N	21.178E	1.9	Slovakia
25	10:43:43.2	46.146N	18.069E	1.0	Okorvölgy
25	14:49:01.6	47.893N	19.388E	1.6	Bercel
26	8:09:34.8	48.591N	20.744E	1.4	Slovakia
26	8:46:03.1	47.181N	18.022E	0.8	Hajmáskér
26	9:17:57.5	48.374N	19.837E	1.7	Slovakia
26	10:08:49.8	47.217N	18.278E	0.9	Iszkaszentgyörgy
26	11:46:34.5	47.704N	18.493E	1.4	Lábatlan
26	13:45:37.5	48.492N	18.701E	1.1	Slovakia
26	15:09:13.1	48.438N	17.239E	1.8	Slovakia
27	8:00:39.1	48.508N	17.461E	1.9	Slovakia
28	6:06:20.6	47.946N	19.450E	0.7	Terény
29	9:03:01.1	47.299N	17.673E	1.9	Bakonykoppány
29	11:28:09.1	46.155N	18.030E	1.3	Hetvehely
30	11:41:41.7	47.865N	19.147E	1.3	Nótincs
31	9:07:37.4	47.104N	18.058E	0.9	Vilonya
31	11:15:41.7	48.612N	20.765E	1.3	Slovakia

Földrengés paraméterek

Hypocenter Parameters

NOVEMBER / NOVEMBER, 2018

02	18:51:03.8	47.272N	18.353E	0.1	Sárkeresztes
03	7:11:40.9	47.385N	18.369E	1.5	Gánt
05	9:16:12.6	48.597N	20.758E	1.6	Slovakia
05	9:22:17.0	47.327N	17.646E	1.2	Bakonykoppány
05	9:56:25.9	48.517N	17.506E	2.1	Slovakia
05	11:00:44.9	48.116N	18.956E	1.5	Slovakia
05	13:42:33.5	46.145N	18.035E	1.1	Hetvehely
06	7:47:50.0	47.159N	18.216E	0.7	Ósi
06	7:52:31.1	47.088N	18.206E	0.8	Küngös
06	7:57:21.9	47.123N	18.230E	0.9	Jenő
06	9:12:21.7	47.468N	18.490E	1.7	Bodmér
06	9:34:28.0	48.605N	20.780E	1.7	Slovakia
06	10:52:19.5	47.214N	18.301E	1.0	Moha
07	9:09:33.8	47.351N	18.440E	1.3	Gánt
07	9:26:21.4	47.346N	18.444E	1.2	Gánt
07	9:51:37.7	48.564N	20.843E	1.7	Hidvégardó
07	10:12:53.1	48.226N	21.254E	2.0	Tállya
07	11:49:28.7	47.481N	18.675E	1.2	Bicske
07	12:27:15.7	47.559N	18.528E	1.3	Nagyegyháza
08	8:07:38.5	47.109N	18.085E	1.2	Vilonya
08	8:48:26.1	48.180N	21.309E	1.8	Bodrogkisfalud
08	10:34:07.1	46.188N	18.277E	0.7	Komló
08	11:41:10.4	48.309N	19.811E	1.3	Slovakia
08	11:53:41.7	47.225N	18.275E	0.7	Iszkaszentgyörgy
08	13:11:36.2	48.215N	21.209E	2.2	Rátka
09	8:55:21.3	47.798N	19.883E	1.9	Gyöngyöstarján
09	9:46:40.8	47.867N	19.138E	1.5	Nótincs
09	10:51:02.7	48.589N	20.727E	1.6	Slovakia
10	9:31:21.8	47.536N	18.568E	1.4	Nagyegyháza
12	7:41:15.3	47.329N	18.416E	1.2	Zámoly
12	10:22:33.8	48.612N	20.739E	1.5	Slovakia
12	10:51:14.6	47.339N	17.626E	1.4	Béb
12	11:02:38.0	46.104N	18.017E	1.5	Bükkösd
12	11:05:09.1	47.082N	17.854E	1.1	Nemesvámos
12	13:34:32.9	48.572N	17.493E	1.9	Slovakia
13	8:51:54.9	47.831N	19.095E	1.3	Szendehely
13	9:32:22.8	48.522N	17.430E	1.8	Slovakia
13	10:01:57.8	47.195N	18.284E	0.9	Sárkeszi
14	9:36:04.7	47.096N	18.030E	1.1	Királyszentistván
14	9:40:29.4	47.336N	18.437E	1.6	Zámoly
14	10:18:45.6	48.851N	20.480E	2.1	Slovakia
14	10:34:48.2	48.581N	20.728E	1.6	Slovakia
14	10:47:25.0	47.189N	18.307E	1.0	Székesfehérvár
15	8:32:59.1	47.104N	18.025E	1.3	Királyszentistván
15	9:43:31.9	45.891N	18.412E	1.0	Villánykövesd
15	9:55:52.0	46.282N	21.898E	1.5	Romania
15	10:20:03.7	48.588N	20.747E	1.4	Slovakia
15	11:09:38.2	46.043N	17.980E	1.5	Szentlőrinc
16	8:40:53.9	48.669N	18.628E	1.7	Slovakia
16	10:58:03.2	47.226N	18.278E	1.1	Iszkaszentgyörgy
17	10:37:48.4	48.010N	19.630E	1.4	Garáb
17	10:48:06.4	48.077N	19.651E	1.3	Kishartyán
19	9:49:31.7	48.570N	20.775E	1.5	Tornanádaska
19	9:54:25.2	48.439N	17.233E	1.9	Slovakia
19	10:51:12.8	48.455N	17.379E	1.5	Slovakia
19	12:43:12.8	47.710N	18.556E	1.8	Bajót
20	7:59:59.2	47.329N	18.434E	1.6	Zámoly
20	8:41:53.3	47.322N	17.651E	1.5	Bakonykoppány

Hypocenter Parameters

Földrengés paraméterek

20	10:18:51.5	47.200N	18.267E	1.2	Csór
20	10:45:15.0	47.844N	20.075E	1.6	Domoszló
20	10:53:49.4	47.929N	20.050E	2.0	Bodony
20	12:58:21.8	48.566N	20.816E	1.8	Hidvégardó
21	9:41:07.6	47.117N	18.027E	1.1	Királyszentistván
21	10:39:58.5	47.849N	19.880E	1.7	Gyöngyösoroszi
21	12:53:38.8	48.606N	20.764E	1.6	Slovakia
22	8:30:39.8	47.324N	18.458E	1.2	Pátka
22	10:06:22.7	47.212N	18.264E	0.8	Iszkaszentgyörgy
22	10:28:31.6	46.148N	18.300E	0.7	Vasas
22	10:41:40.1	46.964N	17.585E	1.8	Taliándörög
22	10:47:08.1	48.402N	19.153E	1.8	Slovakia
22	11:03:05.7	46.115N	18.044E	1.4	Bükkösd
22	11:29:40.8	47.864N	19.142E	1.6	Nótincs
22	11:37:08.6	47.865N	19.154E	1.4	Nótincs
22	12:41:40.5	48.226N	21.233E	2.5	Tállya
23	8:24:23.8	47.107N	18.053E	1.1	Vilonya
23	10:14:46.2	48.590N	20.750E	1.6	Slovakia
23	10:30:57.8	47.204N	18.282E	1.0	Csór
23	10:47:00.0	47.500N	18.651E	1.4	Bicske
23	11:34:38.9	47.938N	20.140E	1.8	Recsk
26	9:08:54.8	48.616N	20.788E	1.5	Slovakia
26	13:03:31.3	48.207N	21.275E	1.8	Mád
27	10:10:45.6	47.757N	18.669E	1.2	Tát
27	11:02:38.5	47.328N	18.442E	1.9	Zámoly
28	10:00:01.6	46.164N	18.298E	0.8	Zobákpuszta
28	10:17:45.0	47.194N	18.291E	0.9	Sárkeszi
28	10:18:07.4	47.311N	17.624E	1.8	Homokbödöge
28	12:33:10.8	48.572N	20.772E	1.7	Tornanádaska
29	8:45:34.6	48.802N	18.968E	1.3	Slovakia
29	9:38:08.5	47.333N	18.462E	1.6	Lovasberény
29	10:00:03.1	48.367N	17.258E	2.2	Slovakia
29	10:14:11.4	45.886N	18.427E	1.2	Villánykövesd
29	10:16:05.0	47.210N	18.300E	1.0	Moha
29	10:38:16.0	48.586N	20.754E	1.8	Slovakia
30	10:31:09.2	47.203N	18.298E	1.1	Székesfehérvár
30	11:01:35.2	48.548N	20.750E	1.6	Komjáti

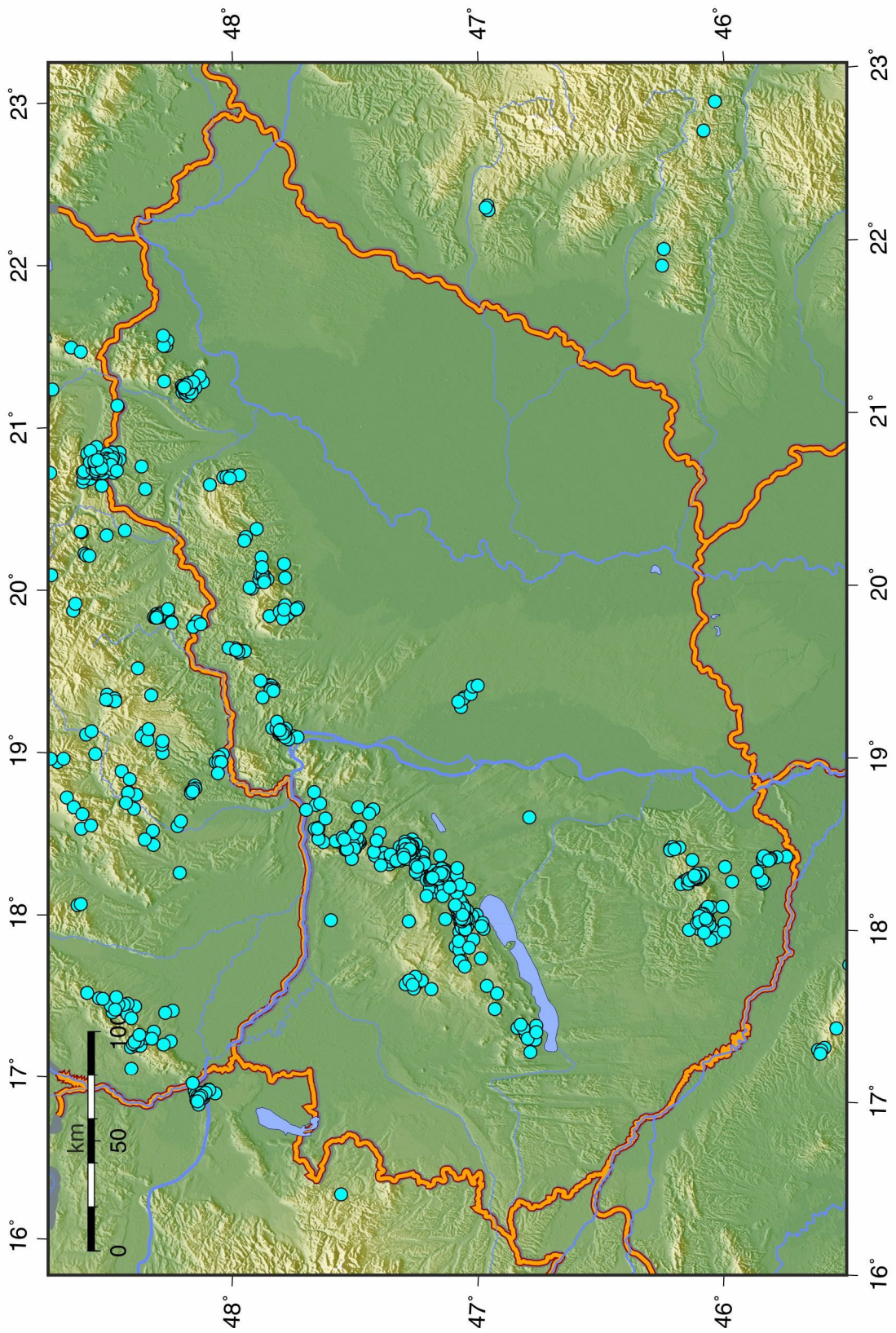
DECEMBER / DECEMBER, 2018

01	9:38:56.4	47.544N	18.687E	1.0	Zsámbék
01	11:29:45.6	47.352N	18.469E	1.3	Csákvár
01	11:34:28.3	47.348N	18.438E	1.3	Gánt
03	10:15:07.0	47.845N	19.109E	1.4	Szendehely
03	10:30:17.6	47.332N	18.440E	1.3	Zámoly
03	11:25:12.4	48.308N	19.806E	1.2	Slovakia
03	12:15:41.8	46.801N	17.400E	1.5	Szigliget
04	8:20:08.6	47.106N	18.090E	1.2	Vilonya
04	10:29:54.8	48.561N	20.810E	1.7	Tornanádaska
04	11:30:24.1	48.104N	18.956E	1.7	Slovakia
05	9:02:41.5	47.867N	19.147E	1.5	Nótincs
05	9:49:37.3	46.125N	17.974E	1.4	Dinnyeberki
05	10:01:52.6	48.591N	20.746E	1.5	Slovakia
05	10:17:50.3	47.246N	18.266E	0.8	Iszkaszentgyörgy
06	8:35:52.2	47.357N	18.407E	1.0	Gánt
06	8:44:50.4	47.354N	18.386E	1.5	Gánt
06	9:31:38.6	48.599N	20.790E	1.5	Slovakia
06	11:02:41.1	48.571N	20.345E	1.5	Slovakia
06	11:11:33.8	47.127N	18.085E	1.2	Vilonya
06	12:20:52.7	48.189N	19.794E	1.2	Somoskő
07	9:41:53.9	46.167N	18.307E	0.7	Zobákpuszta

Földrengés paraméterek

Hypocenter Parameters

07	11:25:28.8	48.237N	21.257E	1.8	Tállya
07	12:30:11.4	48.369N	19.837E	1.6	Slovakia
10	10:09:34.3	47.242N	18.274E	0.7	Iszkaszentgyörgy
10	12:16:58.5	47.588N	18.434E	1.6	Tatabánya
11	7:45:52.2	47.299N	18.334E	1.2	Magyaralmás
11	8:47:30.7	47.936N	19.351E	1.1	Magyarnándor
11	8:59:37.5	46.092N	22.684E	1.6	Romania
11	9:28:31.5	48.545N	20.809E	1.4	Bódvalenke
11	9:50:44.8	47.237N	18.269E	1.3	Iszkaszentgyörgy
11	16:32:02.8	48.419N	17.279E	2.0	Slovakia
12	11:01:10.8	48.173N	16.876E	1.8	Austria
12	11:07:20.9	48.576N	20.799E	1.3	Tornanádaska
12	13:30:32.8	48.245N	21.244E	2.1	Tállya
13	8:12:01.3	47.857N	19.150E	1.7	Ósagárd
13	9:30:02.3	47.113N	18.049E	1.2	Vilonya
13	10:01:09.4	45.912N	18.335E	1.0	Vokány
13	10:30:37.0	47.848N	19.136E	1.7	Szendehely
13	10:48:59.6	48.604N	20.760E	1.7	Slovakia
13	11:45:23.9	48.550N	20.779E	1.5	Komjáti
14	8:18:17.7	47.195N	18.163E	1.1	Pétfürdő
14	8:28:13.5	47.165N	18.213E	0.5	Ósi
14	8:36:04.0	47.142N	18.107E	0.3	Óskü
14	11:02:32.0	48.607N	20.753E	1.5	Slovakia
14	11:05:29.5	46.801N	17.360E	1.5	Balatonederics
15	10:44:41.5	48.036N	19.628E	1.3	Nagylóc
15	10:53:11.6	48.045N	19.638E	1.3	Sóshartyán
17	10:57:23.6	45.866N	18.403E	1.7	Kisharsány
17	10:59:53.8	46.822N	17.243E	1.6	Cserszegtomaj
17	11:43:42.9	46.119N	18.054E	1.1	Bükkösd
18	10:18:16.2	48.591N	20.792E	1.6	Slovakia
18	10:30:58.1	48.118N	18.885E	1.6	Slovakia
18	10:37:41.4	47.599N	18.493E	1.5	Tarján
18	11:19:07.1	48.632N	20.864E	1.8	Slovakia
19	10:23:53.7	47.856N	19.129E	1.3	Szendehely
19	10:44:19.1	48.588N	20.759E	1.4	Slovakia
19	11:14:45.4	48.617N	20.801E	1.5	Slovakia
19	11:46:23.9	48.700N	19.924E	1.5	Slovakia
20	9:00:53.1	48.525N	20.740E	1.3	Bódvaszilás
21	9:01:50.0	48.604N	20.808E	1.3	Slovakia
28	9:26:08.5	47.867N	19.150E	1.4	Nótincs



3.2. ábra A 2018-ban regisztrált robbantások epicentrumai

Figure 3.2. Epicenters of 2018 explosions

FÉSZEKPARAMÉTEREK ÉS FÁZISADATOK

A listában alkalmazott jelek és rövidítések magyarázata:

time:	Az esemény kipattanásának ideje (óra:perc:másodperc; UTC).
ML:	A rengés Richter-féle lokális magnitúdója.
lat:	Az esemény földrajzi szélessége (fok).
lon:	Az esemény földrajzi hosszúsága (fok).
h:	A fészek mélysége (km).
erh:	Horizontális hiba km-ben. ($erh = \sqrt{SDX^2 + SDY^2}$, ahol SDX és SDY az epicentrum földrajzi szélességének és hosszúságának meghatározási hibái.) Ha $erh = ---$, a kevés rendelkezésre álló adat miatt erh nem volt meghatározható.
erz:	A fészekmélység meghatározásának hibája (km). $erz = ---$ azt jelzi, hogy erz nem volt meghatározható a kevés rendelkezésre álló adat miatt.
nr:	A számításnál felhasznált fázisadatok száma. Azonos állomásról származó P és S beérkezések 2 adatnak számítanak.
gap:	Az állomások közötti legnagyobb irányeltérés (fok).
rms:	A számított beérkezési idők átlagnégyzetes hibája (mp). ($rms = \sqrt{\sum R_i^2 / nr}$, ahol R_i az i -edik állomás időhibája (reziduál).)
Locality:	A rengés földrajzi helyének megnevezése, általában a legközelebbi település neve.
Comments:	Az eseménnyel kapcsolatos egyéb közlemény (pl. epicentrális intenzitás).
sta:	Az állomás neve. (L. 2. fejezet.)
dist:	Az állomás távolsága az epicentrumtól (km).
azm:	Az állomás irányszöge az epicentrumtól az északi iránytól számítva (fok).
phase:	Fázis azonosító; az első betű a kezdetet jellemzi: e = lassan emelkedő i = hirtelen kitérő; a második és harmadik betű a fázis megnevezése pl. Pn, Pg, Sn, Sg; a negyedik a kitérési irányt jelzi: C=kompreszió/fel, D=dilatáció/le. A *-gal jelzett fázisok nem lettek használva a hipocentrum számításhoz.
hr mn sec:	A fázis beérkezési ideje (óra, perc, másodperc).
res:	Reziduál (másodperc). ($res = T_{obs} - T_{cal}$, ahol T_{obs} a mért, és T_{cal} a számított menetidő.)

Minden rengésnél, ahol elegendő számú első kitérési adat állt rendelkezésre, megkíséreltük a fészekmechanizmus meghatározását. Az ábrákon az alsó félteke sztereografikus képe látható, **P** a maximális, **T** a minimális feszültségtengely iránya. A fészekmechanizmusokat a 3.3. ábra foglalja össze.

PHASE DATA

Key to phase data encoding

time:	Time of occurrence of event in hours, mins and secs (UTC).
ML:	Richter local magnitude of the earthquake.
lat:	Latitude of the event in degrees.
lon:	Longitude of the event in degrees.
h:	Depth of the hypocenter in km.
erh:	Standard error of the epicenter in km. ($erh = \sqrt{SDX^2 + SDY^2}$, where SDX and SDY are the standard errors in latitude and longitude respectively, of the epicenter.) If $erh = ---$, this means that erh could not be computed because of insufficient data.
erz:	Standard error of the focal depth in km. If $erz = ---$, this means that erz could not be computed either because focal depth is fixed in the solution or because of insufficient data.
nr:	Number of station readings used in locating the earthquake. P and S arrivals for the same stations are regarded as 2 readings.
gap:	Largest azimuthal separation in degrees between stations.
rms:	Root mean square error of time residuals in seconds. ($rms = \sqrt{\sum R_i^2 / nr}$, where R_i is the time residual of the i^{th} station.
Locality:	A geographical indication of the epicenter area, usually the nearest settlement.
Comments:	Additional comments about the event, eg. maximum EMS intensity
sta:	Station name. (For details see Chapter 2.)
dist:	Distance from earthquake epicenter to station in km.
azm:	Azimuthal angle between epicenter to station measured from North in degrees.
phase:	Phase identifier; the first letter characterizes onset e = emergent i = impulsive, the second and third indicate the phase eg. Pn, Pg, Sn and Sg, the fourth indicates the polarity C=compression/up D=dilatation/down. Phases signed by * are not used for hypocenter calculaton.
hr mn sec:	Arrival time of the phase from input data.
res:	Residual of the phase in secs. ($res = T_{obs} - T_{cal}$, where T_{obs} is the observed and T_{cal} is the calculated travel time respectively.

Fault plane solutions were attempted for each event where any information for the stress field could be drawn. Stereographic projections of the lower focal hemisphere are shown, **P** and **T** are the main compression and tension axes respectively. Strike, dip and slip values of the nodal planes are also indicated. Calculations were carried out by computer program FPFIT (Reasenberg and Oppenheimer, 1985). The results are summarized in Fig. 3.3.

Hypocenter Parameters

Földrengés paraméterek

1.

2018-01-01 time: 4:33:46.18 UTC ML= 1.8
 lat: 48.696N lon: 19.717E h= 5.3 km
 erh= 2.6km erz= 3.0km
 nr= 19 gap=111 rms=1.01
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KECS	61.5	113	Pg	4:33:57.60	0.40
			Sg	34:05.07	-0.72
VYHS	68.8	251	Pg	4:33:59.28	0.79
			Sg	34:07.11	-0.99
A336	74.0	226	Pg	4:34:00.11	0.69
			Sg	34:08.99	-0.76
PSZ	87.5	171	Pg	4:34:02.75	0.91
			Sg	34:13.13	-0.92
NIE	91.4	28	Pg	4:34:02.74	0.22
			Sg	34:13.04	-2.23
PENC	105.8	198	Pg	4:34:05.81	0.72
			Sg	34:18.05	-1.80
ABAH	121.0	112	Pn	4:34:07.86	0.23
			Sn	34:22.92	-1.44
CRVS	130.2	80	ePn	4:34:10.30	1.53
			eSn	34:24.90	-1.49
SRO	143.2	227	eSn	4:34:30.00	0.72
OJC	169.5	2	Sn	4:34:35.56	0.45
KOLS	189.6	82	eSn	4:34:44.30	4.73*

2.

2018-01-01 time: 7:10:45.52 UTC ML= 0.5
 lat: 47.296N lon: 18.160E h= 9.2 km
 erh= 2.3km erz= 0.9km
 nr= 7 gap=188 rms=0.09
 Locality: Balinka
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKST	10.3	247	PgU	7:10:48.02	0.03
			Sg	10:49.89	-0.03
CSKK	10.7	45	Pg	7:10:48.16	0.12
			Sg	10:50.05	0.04
PKSG	20.5	58	PgU	7:10:49.54	0.01
			Sg	10:52.47	-0.19
MPLH	49.0	253	Sg	7:11:01.32	-0.05

3.

2018-01-01 time: 7:50:31.84 UTC ML= 1.0
 lat: 47.324N lon: 18.178E h= 4.0 km
 erh= 0.7km erz= 0.6km
 nr= 8 gap=172 rms=0.09
 Locality: Balinka
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	7.6	55	PgU	7:50:33.42	0.04
			Sg	50:34.71	0.13
PKST	13.0	236	PgD	7:50:34.24	-0.03
			Sg	50:36.26	0.09
PKSG	17.8	65	Pg	7:50:34.94	-0.16
			Sg	50:37.53	-0.10
SRO	55.4	11	Sg	7:50:49.51	0.02
VYHS	139.1	21	ePn	7:50:55.80	0.09
			eSn	51:11.20	-3.13*

4.

2018-01-01 time: 23:20:51.28 UTC ML= 2.2
 lat: 46.085N lon: 16.366E h= 13.1 km
 erh= 1.6km erz= 1.2km
 nr= 36 gap=127 rms=0.61
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	37.7	237	Pg	23:20:58.17	-0.24
			Sg	21:02.62	-1.35
ZAG	40.5	225	PgD	23:20:59.50	0.62
			Sg	21:05.57	0.75
BEHE	53.2	36	Pg	23:21:01.22	0.16
			Sg	21:08.06	-0.63
SOKA	122.0	303	Pn	23:21:11.33	-0.51
			Sn	21:23.88	-4.00*
KOVH	134.1	90	Pn	23:21:13.98	0.63
			Sn	21:30.02	-0.55
PKSV	147.7	98	Pn	23:21:15.80	0.75
			Pn	23:21:14.87	-0.19
OBKA	147.8	289	Sn	21:33.49	-0.11
			PnD	23:21:14.83	-0.27
TIH	148.2	52	Pn	23:21:14.83	-0.56
			Sn	21:33.91	-0.28
PKS9	157.5	69	Sn	23:21:35.65	-0.11
			Pn	23:21:17.20	-0.06
EGYH	165.5	26	Sn	21:38.22	0.69
			PnU	23:21:18.70	0.08
PKSM	176.3	85	Sn	21:39.47	-0.47
			PnU	23:21:18.73	0.08
MORH	176.6	85	Sn	21:39.38	-0.62
			Pn	23:21:18.80	-0.06
SOP	178.3	5	Pn	23:21:20.10	1.23
PKB4	178.4	75	Pn	23:21:18.74	-0.28
RONA	179.6	358	Pn	23:21:19.09	-0.30
PKST	182.6	44	PnD	23:21:42.78	-0.43
PKB5	191.0	73	Sn	21:50.86	3.77*
CONA	208.5	349	Pn	23:21:25.92	3.29
			Sn	21:50.86	3.77*
PKSG	212.2	47	Pn	23:21:23.23	0.13
PKS2	224.0	78	Pn	23:21:25.16	0.60
			Sn	21:51.11	0.59
MOA	253.1	321	Pn	23:21:29.02	0.84
			Sn	21:57.40	0.43
MODS	263.7	15	ePn	23:21:28.80	-0.71
			eSn	21:55.40	-3.92*
VYHS	326.6	35	ePn	23:21:36.80	-0.55*
			eSn	22:09.90	-3.39*
KHC	398.3	328	ePn	23:21:46.30	0.00*
			eSn	22:27.70	-1.51*

5.

2018-01-02 time: 7:28:56.61 UTC ML= 1.5
 lat: 48.703N lon: 19.721E h= 10.0 km
 erh= 2.9km erz= 4.6km
 nr= 13 gap= 89 rms=0.86
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
LANS	53.1	340	PgD	7:29:07.24	0.98
			Sg	29:13.54	-0.26
KECS	61.5	113	Pg	7:29:08.17	0.44
			Pg	7:29:09.50	0.40
VYHS	69.2	250	Sg	29:17.45	-1.40
			Pg	7:29:10.55	0.49
A336	74.7	226	Pg	7:29:10.55	0.49
			Sg	29:19.49	-1.06
PSZ	88.2	172	Pg	7:29:13.03	0.58
			Sg	29:23.47	-1.34
NIE	90.7	29	Pg	7:29:13.19	0.29
			Sg	29:23.59	-2.01
ABAH	121.0	112	Pn	7:29:18.25	0.80
			Sn	29:33.01	-0.70

Földrengés paraméterek

Hypocenter Parameters

6.

2018-01-03 time: 2:28:50.17 UTC ML= 1.7
 lat: 47.993N lon: 20.499E h= 8.5 km
 erh= 1.6km erz= 1.5km
 nr= 17 gap= 70 rms=0.61
 Locality: Bükkzsérc
 Comments:

sta	dist	azm	phase	hr mn sec	res
PSZ	45.9	260	Pg	2:28:58.62	0.12
			Sg	29:04.99	-0.01
KECS	54.5	359	Pg	2:29:00.42	0.40
			Sg	29:07.73	0.03
ABAH	64.6	59	Pg	2:29:01.58	-0.23
			Sg	29:10.35	-0.54
BSZH	79.0	193	Pg	2:29:04.67	0.30
			Sg	29:15.84	0.40
PENC	93.7	256	Pg	2:29:06.85	-0.13
			Sg	29:19.27	-0.82
A336	114.8	283	Sn	2:29:24.92	-1.31
CRVS	123.7	35	Sn	2:29:28.19	0.00
LTVH	125.1	123	Sn	2:29:27.81	-0.71
PKSN	130.8	201	Sn	2:29:29.79	0.01
VYHS	135.5	294	Sn	2:29:30.85	0.04
LANS	149.5	329	ePn	2:29:16.60	1.85
NIE	159.1	355	Sn	2:29:37.86	1.80

7.

2018-01-03 time: 9:47:50.62 UTC ML= 1.6
 lat: 48.590N lon: 20.789E h= 0.0 km
 erh= 1.1km erz= 5.0km
 nr= 10 gap=112 rms=0.35
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.4	242	Pg	9:47:55.20	0.05
			Sg	47:58.22	-0.47
ABAH	46.7	134	Pg	9:47:59.27	0.32
			Sg	48:05.32	-0.13
CRVS	60.4	55	Pg	9:48:01.88	0.48
			Sg	48:09.74	-0.07
PSZ	100.0	222	Pg	9:48:08.69	0.22
LANS	115.3	303	Pg	9:48:10.85	-0.35
KOLS	115.6	71	Sg	9:48:27.14	-0.21
TRPA	139.4	112	Sn	9:48:32.35	-1.72

8.

2018-01-04 time: 10:27:53.40 UTC ML= 2.1
 lat: 46.114N lon: 16.485E h= 10.0 km
 erh= 1.4km erz= 1.2km
 nr= 21 gap=130 rms=0.47
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	41.3	334	Pg	10:28:01.15	0.16
			Sg	28:06.30	-0.61
BEHE	45.5	29	PgD	10:28:02.23	0.51
			Sg	28:08.14	-0.07
PTJ	47.2	240	Pg	10:28:02.32	0.31
			Sg	28:08.12	-0.62
ZAG	49.5	230	Pg	10:28:02.29	-0.12
			Sg	28:09.86	0.42
GOLS	67.5	260	iPg	10:28:05.80	0.21
DOBS	78.6	273	iPg	10:28:07.62	0.08
CRES	85.9	248	Pg	10:28:08.93	0.10
			Sg	28:19.72	-1.15
KOVH	124.9	91	Pn	10:28:14.17	-0.56
			Sn	28:30.75	-0.62
SOKA	128.1	299	Pn	10:28:15.63	0.51

			Sn	28:31.15	-0.92
PKSV	139.2	100	Pn	10:28:16.19	-0.32
OBKA	155.5	286	Sn	10:28:38.72	0.57
RONA	176.9	355	Pn	10:28:21.92	0.71
CONA	207.2	347	Pn	10:28:25.64	0.65
			Sn	28:49.19	-0.44

9.

2018-01-04 time: 10:38:03.05 UTC ML= 1.5
 lat: 48.606N lon: 20.761E h= 0.0 km
 erh= 1.6km erz= 2.9km
 nr= 11 gap=115 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.5	236	Pg	10:38:07.63	0.20
			Sg	38:10.34	-0.50
ABAH	49.4	134	Pg	10:38:11.77	-0.10
			Sg	38:18.29	-0.46
CRVS	61.1	57	ePg	10:38:14.50	0.53
			eSg	38:21.50	-0.99
PSZ	99.9	220	Pg	10:38:21.48	0.58
			Sg	38:34.84	0.03
LANS	112.6	303	Pg	10:38:23.14	-0.02
VYHS	142.7	265	Pn	10:38:27.97	0.09
			Sn	38:46.13	-1.11

10.

2018-01-04 time: 19:32:36.80 UTC ML= 1.9
 lat: 46.038N lon: 16.062E h= 14.8 km
 erh= 2.3km erz= 1.8km
 nr= 22 gap=144 rms=0.59
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	17.3	208	Pg	19:32:40.75	-0.13
			Sg	32:42.40	-1.66
ZAG	23.8	193	Pg	19:32:42.32	0.50
			Sg	32:45.84	0.11
GOLS	34.1	265	iPg	19:32:43.85	0.41
GCIS	38.7	241	iPg	19:32:44.56	0.35
			iSg	32:49.48	-0.50
CESS	47.0	261	iPg	19:32:46.16	0.56
			iSg	32:52.52	0.06
DOBS	47.5	285	iPg	19:32:46.17	0.47
KOGS	47.8	18	Pg	19:32:46.28	0.53
			Sg	32:52.48	-0.25
CRES	52.6	243	Pg	19:32:46.74	0.18
			Sg	32:52.97	-1.19
LEGS	58.6	260	iPg	19:32:47.88	0.29
BEHE	73.0	49	Pg	19:32:49.30	-0.81
PDKS	82.4	272	iP*	19:32:51.82	0.12
SOKA	106.5	312	Pn	19:32:54.60	-0.62
			Sn	33:07.47	-2.12
OBKA	127.9	294	Sn	19:33:14.16	-0.17
RONA	185.6	6	Pn	19:33:07.50	2.42
			Sn	33:26.65	-0.49

11.

2018-01-05 time: 0:27:06.99 UTC ML= 1.6
 lat: 47.021N lon: 16.993E h= 0.3 km
 erh= 1.0km erz= 256km
 nr= 8 gap=150 rms=0.21
 Locality: Mikosszéplak
 Comments:

sta	dist	azm	phase	hr mn sec	res
MPLH	44.6	68	Pg	0:27:14.82	-0.14
			Sg	27:20.77	-0.41
EGYH	50.9	30	Pg	0:27:16.03	-0.05

Hypocenter Parameters

Sg 27:23.52 0.34
 SOP 80.6 336 Sg 0:27:32.47 -0.14
 PKST 83.3 71 Pg 0:27:22.14 0.29
 KOGS 85.4 222 Pg 0:27:22.22 -0.01
 Sg 27:34.16 0.04

12.

2018-01-05 time: 12:16:19.97 UTC ML= 0.0
 lat: 47.290N lon: 18.263E h= 8.9 km
 erh= 5.9km erz= 5.4km
 nr= 6 gap=218 rms=0.13
 Locality: Fehérvárcsurgó
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	8.2	359	Pg	12:16:22.18			0.05
			Sg	16:23.57			-0.24
PKSG	14.9	40	Pg	12:16:23.06			-0.01
			Sg	16:25.60			0.11
PKST	17.7	259	Pg	12:16:23.40			-0.10
			Sg	16:26.45			0.19

13.

2018-01-05 time: 14:10:06.14 UTC ML= 1.1
 lat: 47.120N lon: 18.001E h= 0.0 km
 erh= 1.9km erz= 697km
 nr= 14 gap=110 rms=0.60
 Locality: Sóly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	15.6	9	PgU	14:10:09.25			0.32
			Sg	10:11.60			0.49
TIH	25.9	199	Pg	14:10:11.98			1.22
CSKK	33.4	36	Pg	14:10:12.05			-0.05
			Sg	10:16.88			0.13
MPLH	35.5	279	Sg	14:10:16.58			-0.84
PKSG	42.2	44	PgU	14:10:13.52			-0.16
			Sg	10:18.98			-0.57
MORH	111.9	154	Pg	14:10:26.34			0.21
			Sg	10:41.37			-0.36
PKSM	112.2	154	Pg	14:10:26.34			0.15
			Sg	10:40.49			-1.33
KOVH	115.0	176	Pg	14:10:27.15			0.47
			Sg	10:41.72			-0.97

14.

2018-01-06 time: 3:56:52.15 UTC ML= 1.5
 lat: 47.165N lon: 19.770E h= 0.4 km
 erh= 1.7km erz= 242km
 nr= 8 gap=128 rms=0.52
 Locality: Cegléd
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSN	30.7	166	Pg	3:56:57.83			0.19
			Sg	57:00.89			-1.03
BSZH	40.5	68	Pg	3:56:59.68			0.30
			Sg	57:04.48			-0.55
PKS7	48.0	254	Pg	3:57:01.65			0.92
			Sg	57:07.24			-0.18
PKS6	64.8	194	Pg	3:57:03.63			-0.09
STA3	66.3	300	Sg	3:57:12.94			-0.27

Földrengés paraméterek

15.

2018-01-08 time: 7:41:12.67 UTC ML= 1.2
 lat: 47.231N lon: 17.601E h= 0.0 km
 erh= 2.1km erz= 544km
 nr= 6 gap=141 rms=0.32
 Locality: Bakonyjákó
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	8.3	214	Pg	7:41:13.78			-0.37
			Sg	41:15.66			0.36
EGYH	29.0	315	Pg	7:41:17.60			-0.25
			Sg	41:22.26			0.38
PKSG	62.3	73	Pg	7:41:24.09			0.29
A339	66.6	4	Sg	7:41:33.59			-0.25

16.

2018-01-09 time: 0:53:22.38 UTC ML= 1.5
 lat: 45.755N lon: 18.865E h= 9.1 km
 erh= 0.8km erz= 5.8km
 nr= 10 gap=169 rms=0.76
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSM	53.6	341	Pg	0:53:32.30			0.20
			Sg	53:38.44			-1.23
MORH	54.0	342	Pg	0:53:32.27			0.11
			Sg	53:38.47			-1.31
KOVH	70.0	302	Sg	0:53:44.53			-0.28
PKB4	84.8	346	Pg	0:53:38.69			1.08
PKS2	86.2	18	Pg	0:53:38.44			0.58
			Sg	53:49.51			-0.42
FRGS	101.1	133	Pg	0:53:41.23			0.73
			Sg	53:53.64			-0.99

17.

2018-01-09 time: 10:15:19.93 UTC ML= 2.0
 lat: 48.609N lon: 20.792E h= 0.0 km
 erh= 3.1km erz= 4.5km
 nr= 9 gap=128 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	26.6	238	Pg	10:15:24.93			0.26
			Sg	15:28.09			-0.28
ABAH	48.0	136	Pg	10:15:27.97			-0.54
			Sg	15:34.81			-0.39
STHS	95.7	20	Pg	10:15:37.24			0.22
PSZ	101.6	221	Sg	10:15:52.42			0.18
KOLS	114.7	72	Sg	10:15:56.26			-0.13
A336	139.1	253	Sn	10:16:02.05			-1.27
LTVH	159.3	149	Pn	10:15:48.37			1.55

18.

2018-01-09 time: 11:01:19.93 UTC ML= 2.1
 lat: 48.285N lon: 17.431E h= 0.0 km
 erh= 5.4km erz= ***km
 nr= 6 gap=148 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	26.3	248	Pg	11:01:24.97			0.33
			Sg	01:27.07			-1.23
A337	27.0	100	Pg	11:01:25.29			0.53
			Sg	01:27.84			-0.68
KRUC	115.2	319	Pg	11:01:41.49			0.98
			Sg	01:55.67			-0.88

Földrengés paraméterek

Hypocenter Parameters

19.

2018-01-10 time: 8:11:30.12 UTC ML= 1.5
 lat: 48.076N lon: 20.707E h= 0.3 km
 erh= 1.0km erz= 205km
 nr= 6 gap=196 rms=0.31
 Locality: Miskolctapolca
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ABAH	46.6	58	Pg	8:11:38.74			0.31
			Sg	11:44.25			-0.67
KECS	48.2	340	Pg	8:11:38.96			0.23
			Sg	11:45.23			-0.21
PSZ	63.1	254	Pg	8:11:41.51			0.12
			Sg	11:49.91			-0.27

20.

2018-01-10 time: 9:35:20.81 UTC ML= 1.5
 lat: 48.598N lon: 20.764E h= 0.0 km
 erh= 2.1km erz= 497km
 nr= 8 gap=178 rms=0.36
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.2	238	Pg	9:35:25.30			0.16
			Sg	35:28.38			-0.13
ABAH	48.6	134	Pg	9:35:29.80			0.31
			Sg	35:35.95			-0.32
CRVS	61.4	57	Pg	9:35:32.13			0.35
PSZ	99.4	221	Pg	9:35:38.45			-0.12
			Sg	35:52.25			-0.16
KOLS	117.0	71	eSg	9:35:56.40			-1.61

21.

2018-01-11 time: 9:03:02.91 UTC ML= 0.9
 lat: 45.889N lon: 18.267E h= 0.0 km
 erh= 1.8km erz= 351km
 nr= 8 gap=228 rms=0.25
 Locality: Máriagyűd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	1.1	267	Pg	9:03:02.96			-0.15
			Sg	03:03.12			-0.15
KOVH	25.7	330	Pg	9:03:08.03			0.54
			Sg	03:10.99			-0.08
PKSM	46.1	39	Pg	9:03:11.26			0.11
			Sg	03:17.37			-0.21
MORH	46.6	39	Pg	9:03:11.37			0.13
			Sg	03:17.39			-0.34

22.

2018-01-11 time: 10:28:44.16 UTC ML= 0.5
 lat: 47.201N lon: 18.303E h= 0.0 km
 erh= 1.4km erz= 330km
 nr= 6 gap=149 rms=0.20
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.3	350	Pg	10:28:47.58			0.15
			Sg	28:49.62			-0.36
PKST	21.3	288	Pg	10:28:47.96			-0.01
			Sg	28:50.98			0.04
PKSG	22.2	17	Pg	10:28:48.34			0.21
PKSM	113.0	167	Sg	10:29:19.77			-0.29

23.

2018-01-11 time: 10:30:23.18 UTC ML= 1.4
 lat: 48.621N lon: 20.735E h= 0.0 km
 erh= 1.5km erz= 2.5km
 nr= 11 gap=117 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.0	230	Pg	10:30:27.62			0.16
			Sg	30:31.12			0.32
ABAH	52.0	134	Pg	10:30:32.14			-0.33
			Sg	30:39.36			-0.35
CRVS	61.9	60	Pg	10:30:34.59			0.36
PSZ	100.0	219	Pg	10:30:41.09			0.05
			Sg	30:54.53			-0.44
LANS	110.0	302	Pg	10:30:43.27			0.45
			Sg	30:57.47			-0.67
VYHS	140.9	264	Pn	10:30:48.25			0.47
			Sn	31:06.23			-0.74

24.

2018-01-11 time: 12:12:13.97 UTC ML= 1.2
 lat: 47.536N lon: 18.474E h= 0.0 km
 erh= 1.0km erz= 1.5km
 nr= 13 gap=134 rms=0.56
 Locality: Szárliget
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	17.2	201	Pg	12:12:17.22			0.18
			Sg	12:19.99			0.56
CSKK	25.0	220	Pg	12:12:18.37			-0.07
			Sg	12:22.70			0.77
PKST	45.2	227	Pg	12:12:22.13			0.08
			Sg	12:28.36			0.01
MPLH	81.5	240	Sg	12:12:39.58			-0.28
VYHS	109.9	14	Pg	12:12:33.22			-0.38
			Sg	12:48.30			-0.62
PSZ	114.8	68	Pg	12:12:35.19			0.73
			Sg	12:50.75			0.30
MORH	147.3	175	Sn	12:12:57.65			-1.53
PKSM	147.7	175	Sn	12:12:57.84			-1.44

25.

2018-01-12 time: 1:31:28.05 UTC ML= 2.1
 lat: 48.020N lon: 20.468E h= 1.6 km
 erh= 1.7km erz= 1.7km
 nr= 50 gap= 61 rms=1.06
 Locality: Répáshuta
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	44.3	255	Pg	1:31:36.19			0.22
			Sg	31:41.38			-0.76
KECS	51.5	1	Pg	1:31:37.59			0.34
			Sg	31:44.84			0.42
ABAH	65.1	62	Pg	1:31:39.24			-0.44
			Sg	31:48.07			-0.67
BSZH	81.5	191	Pg	1:31:42.31			-0.31
			Sg	31:54.18			0.20
PENC	92.3	254	Pg	1:31:44.38			-0.16
			Sg	31:57.15			-0.25
A336	111.9	282	Pg	1:31:48.83			0.79
			Sg	32:02.18			-1.44
CRVS	122.5	37	Pg	1:31:49.70			-0.23
			Sg	32:04.80			-2.20
BUD	123.6	241	Sg	1:32:05.82			-1.54
LTVH	128.7	123	Pn	1:31:50.35			-0.57
			Sn	32:06.88			-1.88
VYHS	132.1	293	Pn	1:31:51.72			0.37
			Sn	32:07.03			-2.49

Hypocenter Parameters

PKSN	132.8	200	Pn	1:31:51.23	-0.21
			Sn	32:08.60	-1.08
STA1	137.1	240	Sn	1:32:09.88	-0.75
BORR	143.3	136	Sn	1:32:10.60	-1.40
LANS	145.7	330	Pn	1:31:53.92	0.87
			Sn	32:11.65	-0.89
PKS7	146.3	222	Sn	1:32:11.93	-0.73
NIE	155.9	356	Pn	1:31:55.27	0.95
			Sn	32:14.90	0.09
STHS	165.4	20	ePn	1:31:57.90	2.40
			eSn	32:18.10	1.18
KOLS	167.7	53	Pn	1:31:59.09	3.31
PKSG	170.9	246	Pn	1:31:56.29	0.11
			Sn	32:17.70	-0.42
PKS6	172.1	203	Sn	1:32:19.24	0.85
PKB2	176.0	212	Pn	1:31:58.61	1.79
			Sn	32:19.99	0.73
CSKK	181.1	246	Pn	1:31:59.02	1.56
PKB1	186.8	223	Pn	1:31:59.30	1.13
			Sn	32:22.88	1.23
PKS2	194.7	209	Sn	1:32:25.36	1.96
PKST	201.5	245	Pn	1:32:00.11	0.11
			Sn	32:23.71	-1.22
PKB3	202.0	209	Sn	1:32:25.75	0.72
PKB5	205.6	220	Pn	1:32:02.13	1.62
			Sn	32:26.79	0.96
SIRR	214.8	155	PnC	1:32:00.11	-1.55
PKB4	220.5	220	Sn	1:32:31.51	2.37
MARR	249.9	127	PnD	1:32:05.04	-1.00
BZS	281.2	162	PnC	1:32:08.78	-1.16
SURR	281.8	153	PnC	1:32:09.32	-0.70
GZR	341.3	149	PnC	1:32:16.00	-1.43*
BURA	358.5	97	PnC	1:32:19.01	-0.57*
MDVR	372.5	165	PnC	1:32:20.18	-1.15*

26.

2018-01-12 time: 8:17:11.32 UTC ML= 1.0
 lat: 47.187N lon: 17.822E h= 13.5 km
 erh= 1.4km erz= 1.1km
 nr= 11 gap= 95 rms=0.31
 Locality: Hárskút
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKST	18.0	64	Pg	8:17:15.39	0.06
			Sg	17:18.08	-0.38
MPLH	21.5	265	Pg	8:17:15.57	-0.28
TIH	32.4	170	Pg	8:17:18.42	0.84
			Sg	17:22.39	-0.07
CSKK	38.5	59	Pg	8:17:18.78	0.17
			Sg	17:24.06	-0.24
A339	72.5	350	Pg	8:17:24.45	-0.04
MORH	124.9	150	Pn	8:17:32.37	0.16
			Sn	17:47.98	-0.52
PKSM	125.2	150	Pn	8:17:32.41	0.17

27.

2018-01-13 time: 9:25:05.30 UTC ML= 0.4
 lat: 46.158N lon: 18.295E h= 10.0 km
 erh= 1.3km erz= 3.8km
 nr= 10 gap=146 rms=0.30
 Locality: Vasas
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOVH	16.9	243	Pg	9:25:08.54	-0.27
			Sg	25:11.34	-0.21
PKSM	27.4	77	Pg	9:25:10.39	-0.13
			Sg	25:14.47	-0.11
MORH	27.7	76	Pg	9:25:10.52	-0.05
			Sg	25:14.86	0.18
PKSV	30.1	186	Pg	9:25:11.12	0.15
			Sg	25:15.92	0.54

Földrengés paraméterek

PKB4	44.6	32	Sg	9:25:20.55	0.73
PKB1	79.5	29	Sg	9:25:30.33	-0.43

28.

2018-01-14 time: 20:33:10.81 UTC ML=-0.1
 lat: 47.392N lon: 18.212E h= 4.2 km
 erh= 0.3km erz= 0.2km
 nr= 6 gap=228 rms=0.06
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	4.9	131	PgU	20:33:12.04	0.07
			Sg	33:12.86	-0.01
PKSG	13.5	90	Pg	20:33:13.34	0.00
			Sg	33:15.20	-0.12
PKST	19.9	222	Pg	20:33:14.50	0.05
			Sg	33:17.24	-0.05

29.

2018-01-15 time: 9:31:57.57 UTC ML= 1.3
 lat: 47.842N lon: 19.840E h= 0.0 km
 erh= 4.3km erz= 7.6km
 nr= 10 gap=135 rms=0.93
 Locality: Gyöngyöstarján
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	9.4	26	PgU	9:31:59.28	0.03
			Sg	32:00.46	-0.10
PENC	42.2	262	Sg	9:32:11.62	0.64
A336	76.3	305	Sg	9:32:22.29	0.47
KECS	86.0	34	ePg	9:32:14.30	1.38
			eSg	32:24.30	-0.59
VYHS	104.0	314	Sg	9:32:27.93	-2.71
ABAH	115.9	64	Sg	9:32:34.26	-0.15
PKSG	119.9	245	Sg	9:32:35.20	-0.48
PKB2	137.5	199	Sn	9:32:39.83	-0.78

30.

2018-01-15 time: 9:42:44.07 UTC ML= 1.6
 lat: 48.600N lon: 20.750E h= 0.0 km
 erh= 2.5km erz= 3.9km
 nr= 10 gap=129 rms=0.60
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.4	236	Pg	9:42:48.25	-0.01
			Sg	42:51.34	-0.18
ABAH	49.6	133	Pg	9:42:52.72	-0.20
			Sg	42:58.99	-0.83
PSZ	98.9	220	Pg	9:43:03.10	1.37
			Sg	43:15.57	0.06
LANS	112.2	303	Pg	9:43:03.97	-0.14
KOLS	118.0	72	Sg	9:43:21.54	-0.02
VYHS	141.8	265	Pn	9:43:09.36	0.58
			Sn	43:26.99	-1.07

31.

2018-01-15 time: 23:03:10.64 UTC ML= 0.6
 lat: 47.507N lon: 18.199E h= 7.5 km
 erh= 2.2km erz= 1.6km
 nr= 9 gap=170 rms=0.41
 Locality: Bokod
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	16.7	164	PgU	23:03:14.29	0.38
			Sg	03:15.80	-0.65

Földrengés paraméterek

Hypocenter Parameters

PKSG 19.3 132 PgU 23:03:14.81 0.46
 Sg 03:16.90 -0.34
 PKST 30.2 204 PgU 23:03:16.62 0.41
 Sg 03:20.22 -0.33
 SRO 35.1 14 Sg 23:03:21.63 -0.43
 MORH 147.5 167 Sn 23:03:53.93 -0.26
 PKSM 147.9 167 Sn 23:03:54.31 0.04

32.

2018-01-16 time: 8:25:58.94 UTC ML= 1.1
 lat: 47.566N lon: 18.482E h= 0.0 km
 erh= 3.1km erz= 413km
 nr= 6 gap=238 rms=0.24
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	20.6	200	Sg	8:26:05.51	0.03
CSKK	28.1	217	Pg	8:26:03.91	-0.05
			Sg	26:08.10	0.23
BUD	41.8	103	Sg	8:26:12.12	-0.11
PKST	48.0	225	Pg	8:26:07.75	0.23
			Sg	26:13.64	-0.57

33.

2018-01-16 time: 9:01:47.62 UTC ML= 1.6
 lat: 48.588N lon: 20.774E h= 0.0 km
 erh= 1.2km erz= 315km
 nr= 8 gap=112 rms=0.22
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.3	241	Pg	9:01:51.97	0.01
			Sg	01:55.31	-0.04
ABAH	47.3	133	Pg	9:01:56.21	0.14
			Sg	02:02.15	-0.52
CRVS	61.4	55	Pg	9:01:58.85	0.26
PSZ	99.1	221	Pg	9:02:05.42	0.11
			Sg	02:19.22	0.10
LANS	114.4	303	Pg	9:02:07.72	-0.34

34.

2018-01-16 time: 9:41:12.68 UTC ML= 1.5
 lat: 47.340N lon: 18.391E h= 0.0 km
 erh= 2.1km erz= 819km
 nr= 11 gap=129 rms=0.66
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	5.7	360	PgU	9:41:13.36	-0.35
			Sg	41:13.83	-0.68
CSKK	10.2	285	PgU	9:41:14.64	0.14
			Sg	41:15.68	-0.24
PKST	28.4	252	Pg	9:41:18.33	0.57
			Sg	41:22.03	0.31
PKB1	68.9	154	Sg	9:41:36.43	1.84
A336	109.3	25	Sg	9:41:47.77	0.36
MORH	126.5	171	Sg	9:41:52.14	-0.74
PKSM	126.9	171	Pg	9:41:35.55	0.21
			Sg	41:51.69	-1.32

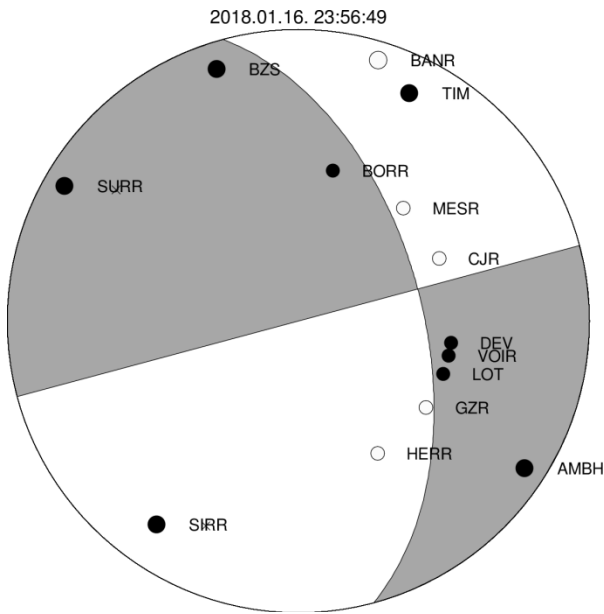
35.

2018-01-16 time: 23:56:49.23 UTC ML= 2.5
 lat: 46.034N lon: 21.426E h= 9.0 km
 erh= 1.4km erz= 1.3km
 nr= 54 gap= 44 rms=0.90
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
SIRR	31.7	35	PgC	23:56:54.78	-0.33
			Sg	56:58.40	-1.29
TIM	36.6	206	PgC	23:56:56.46	0.49
			Sg	57:02.20	0.98
BZS	48.7	162	PgU	23:56:57.75	-0.32
			Sg	57:03.75	-1.21
SURR	62.5	120	PgC	23:56:59.59	-0.92
			Sg	57:07.80	-1.51
AMBH	64.5	303	PgU	23:57:01.38	0.52
			Sg	57:10.01	0.09
BANR	75.8	197	PgD	23:57:03.32	0.46
			Sg	57:13.60	0.10
DEV	115.8	98	PnC	23:57:09.93	0.38
			Sn	57:23.00	-2.40
BORR	120.6	13	PnC	23:57:10.21	0.05
			Sn	57:26.40	-0.08
GZR	127.0	124	PnD	23:57:11.69	0.74
			Sn	57:26.70	-1.20
HERR	149.7	149	PnD	23:57:15.90	2.12
PKSN	153.4	309	Pn	23:57:14.24	-0.01
LTVH	154.5	14	Pn	23:57:14.62	0.24
			Sn	57:33.24	-0.77
FRGS	160.8	232	Pn	23:57:15.21	0.04
			Sn	57:35.06	-0.34
BSZH	166.3	328	Pn	23:57:16.19	0.33
MESR	170.4	43	PnD	23:57:17.71	1.35
			Sn	57:38.30	0.78
PKB3	177.5	284	Pn	23:57:17.15	-0.10
			Sn	57:38.97	-0.13
PKS2	178.0	287	Pn	23:57:17.49	0.18
			Sn	57:39.25	0.03
CJR	183.4	66	PnD	23:57:19.94	1.95
			Sn	57:42.40	1.98
LOT	193.7	110	PnC	23:57:21.23	1.96
			Sn	57:43.00	0.30
MORH	215.9	275	Pn	23:57:21.79	-0.25
			Sn	57:45.53	-2.10
PKSM	216.1	275	Pn	23:57:21.55	-0.51
			Sn	57:45.37	-2.30
PKB5	216.4	287	Pn	23:57:22.44	0.34
			Sn	57:46.42	-1.31
PKB1	219.0	292	Pn	23:57:22.62	0.19
PKB4	223.5	283	Pn	23:57:22.87	-0.12
			Sn	57:47.65	-1.67
PSZ	239.7	331	Pn	23:57:24.30	-0.71
			Sn	57:50.29	-2.63
ABAH	251.9	357	Pn	23:57:26.01	-0.52
PENC	254.6	320	Pn	23:57:26.59	-0.27
PKSG	276.9	303	Pn	23:57:29.81	0.17
KECS	281.5	345	Pn	23:57:30.50	0.29
CSKK	283.6	301	Pn	23:57:30.02	-0.46
VOIR	289.8	103	PnC	23:57:33.34	2.09
PKST	293.2	298	Pn	23:57:32.08	0.40
			Sn	58:04.22	-0.56*

Hypocenter Parameters

Földrengés paraméterek



MPLH	98.4	220	Pg	5:50:08.55	0.25
			Sg	50:21.24	-0.83
MODS	101.5	306	ePg	5:50:08.50	-0.35
			eSg	50:21.00	-2.05
SMOL	103.1	316	eS*	5:50:23.20	-0.36
PSZ	113.1	86	Pn	5:50:10.94	0.44
PKB1	121.7	165	Pn	5:50:12.62	1.05
			Sn	50:27.82	-0.08
PKB5	141.3	169	Sn	5:50:32.34	0.09
RONA	157.5	264	Pn	5:50:15.97	-0.06
			Sn	50:34.32	-1.52
CONA	189.1	273	Pn	5:50:19.56	-0.41
			Sn	50:42.32	-0.53

38.

2018-01-17 time: 8:33:56.01 UTC ML= 0.8
 lat: 47.284N lon: 18.328E h= 0.0 km
 erh= 1.1km erz= 343km
 nr= 8 gap=147 rms=0.25
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	10.2	330	PgD	8:33:57.70	-0.13
			Sg	33:59.14	-0.11
PKSG	12.9	22	Pg	8:33:58.09	-0.23
			Sg	34:00.41	0.30
PKST	22.4	263	Pg	8:34:00.07	0.06
			Sg	34:03.51	0.38
MORH	121.2	168	Sg	8:34:34.84	0.31
PKSM	121.6	169	Sg	8:34:34.21	-0.45

39.

2018-01-17 time: 8:47:35.73 UTC ML= 1.5
 lat: 48.087N lon: 20.663E h= 7.7 km
 erh= 5.5km erz= 4.4km
 nr= 8 gap=190 rms=0.87
 Locality: Bükkszentlászló
 Comments:

sta	dist	azm	phase	hr mn sec	res
KECS	45.9	343	Pg	8:47:44.61	0.56
			Sg	47:49.88	-0.65
ABAH	48.8	62	Sg	8:47:50.92	-0.51
PSZ	60.3	252	Pg	8:47:46.74	0.15
			Sg	47:54.56	-0.50
A336	124.8	277	Sn	8:48:12.57	-1.64
VYHS	142.9	288	Pn	8:48:01.36	1.76
			Sn	48:18.34	0.13

40.

2018-01-17 time: 9:13:27.91 UTC ML= 1.6
 lat: 47.823N lon: 18.464E h= 10.0 km
 erh= 5.0km erz=11.1km
 nr= 11 gap= 91 rms=0.85
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	11.3	265	Pg	9:13:29.99	-0.62
			Sg	13:31.58	-1.13
A338	23.0	339	Pg	9:13:33.16	0.77
			Sg	13:37.31	1.44
PKSG	48.2	187	Sg	9:13:42.64	-0.93
CSKK	53.3	197	Sg	9:13:46.61	1.45
BUD	56.5	132	Pg	9:13:38.03	-0.13
A336	60.6	41	Pg	9:13:39.24	0.35
			Sg	13:47.52	0.07
VYHS	79.6	20	Pg	9:13:42.31	0.07
			Sg	13:51.88	-1.54

36.

2018-01-17 time: 4:47:53.05 UTC ML= 1.0
 lat: 47.364N lon: 18.443E h= 10.0 km
 erh= 3.6km erz= 3.1km
 nr= 10 gap=134 rms=0.60
 Locality: Gánt
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	5.0	308	PgU	4:47:54.99	-0.06
			Sg	47:56.05	-0.56
CSKK	13.8	270	Pg	4:47:56.43	0.34
			Sg	47:58.68	0.22
PKST	33.0	249	Pg	4:47:59.48	0.26
			Sg	48:03.93	-0.09
STA1	33.6	82	Sg	4:48:04.02	-0.19
PKB1	69.7	158	Pg	4:48:06.91	1.28
			Sg	48:14.32	-1.12
MORH	128.6	173	Sn	4:48:31.08	-0.76

37.

2018-01-17 time: 5:49:50.64 UTC ML= 2.0
 lat: 47.844N lon: 18.386E h= 10.0 km
 erh= 1.3km erz= 1.2km
 nr= 30 gap= 70 rms=0.67
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	6.4	238	Pg	5:49:52.66	-0.11
			Sg	49:53.47	-0.95
A338	19.2	352	Pg	5:49:55.46	0.95
			Sg	49:58.98	1.45
PKSG	50.2	180	Pg	5:50:00.16	0.37
			Sg	50:06.29	-0.64
CSKK	54.3	190	Pg	5:50:00.93	0.43
			Sg	50:08.20	0.02
A339	54.7	268	Pg	5:50:01.50	0.92
A336	63.0	47	Pg	5:50:01.95	-0.08
			Sg	50:10.05	-0.85
PENC	67.3	95	Sg	5:50:11.88	-0.39
PKST	70.2	202	Pg	5:50:02.76	-0.55
VYHS	79.7	25	Pg	5:50:04.92	-0.06
			Sg	50:14.68	-1.49
EGYH	92.4	239	Pg	5:50:08.17	0.94
			Sg	50:20.14	-0.03

Földrengés paraméterek

Hypocenter Parameters

41.

2018-01-17 time: 9:58:51.69 UTC ML= 1.6
 lat: 48.588N lon: 20.757E h= 0.0 km
 erh= 3.6km erz= 3.1km
 nr= 6 gap=165 rms=0.18
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.2	240	Pg	9:58:55.99	0.16
			Sg	58:59.08	0.02
CRVS	62.5	56	Pg	9:59:02.76	-0.09
PSZ	98.2	221	Pg	9:59:09.38	0.15
			Sg	59:22.43	-0.48
VYHS	142.2	266	Pn	9:59:16.40	-0.05

42.

2018-01-17 time: 12:15:15.04 UTC ML= 1.6
 lat: 47.815N lon: 18.479E h= 0.9 km
 erh= 4.6km erz=86.6km
 nr= 10 gap=148 rms=0.69
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	12.4	269	Pg	12:15:16.76	-0.51
			Sg	15:18.20	-0.80
A338	24.2	337	Pg	12:15:19.90	0.54
			Sg	15:24.03	1.30
PKSG	47.5	188	Sg	12:15:30.90	0.75
A336	60.5	40	Pg	12:15:26.15	0.29
			Sg	15:34.26	-0.03
PKST	70.3	208	Sg	12:15:37.29	-0.10
VYHS	80.0	19	Pg	12:15:29.16	-0.18
			Sg	15:38.81	-1.67

43.

2018-01-17 time: 18:02:26.40 UTC ML= 1.7
 lat: 47.623N lon: 17.972E h= 15.9 km
 erh= 0.8km erz= 0.9km
 nr= 18 gap= 81 rms=0.30
 Locality: Bábolna
 Comments:

sta	dist	azm	phase	hr mn sec	res
A339	33.0	314	Pg	18:02:33.00	0.06
			Sg	02:37.89	-0.15
CSKK	36.2	143	Sg	18:02:38.89	-0.07
PKSG	40.7	129	Pg	18:02:34.37	0.17
			Sg	02:40.10	-0.19
PKST	40.8	173	Pg	18:02:34.13	-0.09
			Sg	02:40.23	-0.08
A338	52.0	33	Pg	18:02:36.19	0.07
			Sg	02:43.75	0.05
EGYH	53.4	245	Pg	18:02:36.71	0.36
			Sg	02:43.73	-0.38
MPLH	60.1	213	Pg	18:02:37.64	0.15
			Sg	02:45.73	-0.42
MODS	98.2	328	eP*	18:02:43.60	0.00
			eS*	02:54.70	-2.32*
A336	102.4	49	Pn	18:02:44.66	0.50
			Sn	02:57.23	-0.79
VYHS	116.3	34	Pn	18:02:46.33	0.44
			Sn	03:00.62	-0.48

44.

2018-01-18 time: 3:20:42.37 UTC ML= 1.0
 lat: 47.840N lon: 18.393E h= 10.0 km
 erh= 2.5km erz= 2.8km
 nr= 5 gap=162 rms=0.32
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	6.7	244	Pg	3:20:44.97	0.45
			Sg	20:45.84	-0.35
PKSG	49.8	180	Pg	3:20:51.61	0.16
			Sg	20:58.24	-0.29
A336	62.9	46	Sg	3:21:02.35	-0.25

45.

2018-01-18 time: 9:02:16.18 UTC ML= 1.6
 lat: 48.604N lon: 20.709E h= 0.0 km
 erh= 1.3km erz= 1.5km
 nr= 11 gap= 87 rms=0.32
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.3	231	Pg	9:02:20.18	0.20
			Sg	02:22.74	-0.20
ABAH	52.1	131	Pg	9:02:25.57	0.08
CRVS	64.5	59	Pg	9:02:27.27	-0.43
PSZ	97.3	218	Pg	9:02:33.98	0.42
			Sg	02:47.01	-0.11
STHS	98.5	23	Pg	9:02:33.81	0.05
LANS	109.4	304	Pg	9:02:36.01	0.29
A336	133.1	252	Sn	9:02:57.59	-0.66
VYHS	138.8	265	Pn	9:02:40.78	0.26
			Sn	02:58.88	-0.63

46.

2018-01-18 time: 11:00:58.08 UTC ML= 2.4
 lat: 48.291N lon: 17.245E h= 0.0 km
 erh= 4.2km erz= 442km
 nr= 5 gap=248 rms=0.20
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	14.9	225	Pg	11:01:00.64	-0.10
			Sg	01:03.05	0.23
KRUC	106.2	324	Sg	11:01:31.48	-0.34
VRAC	122.9	337	Pg	11:01:20.03	0.01
			Sg	01:37.39	0.26

47.

2018-01-19 time: 1:36:05.42 UTC ML= 1.2
 lat: 47.223N lon: 18.348E h= 15.3 km
 erh= 2.4km erz= 2.5km
 nr= 14 gap= 68 rms=0.59
 Locality: Moha
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	16.9	337	Pg	1:36:09.65	0.16
			Sg	36:12.63	-0.04
PKSG	19.0	10	Pg	1:36:09.79	0.01
			Sg	36:12.55	-0.63
PKST	24.1	279	Pg	1:36:10.95	0.43
			Sg	36:14.52	0.03
STA1	45.3	63	Pg	1:36:13.66	-0.31
TIH	49.9	224	Sg	1:36:21.31	-0.69
PKB5	75.8	157	Pg	1:36:20.03	0.79
			Sg	36:29.91	-0.11

Hypocenter Parameters

PKB4 83.1 166 P* 1:36:20.97 0.59
 S* 36:30.08 -1.97
 PKB2 91.4 132 P* 1:36:22.13 0.49
 PKSM 114.7 169 Sn 1:36:38.64 -1.27

48.

2018-01-19 time: 9:05:28.11 UTC ML= 1.4
 lat: 48.607N lon: 20.753E h= 0.0 km
 erh= 3.0km erz= 4.6km
 nr= 9 gap=148 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.1	235	Pg	9:05:32.43	0.02
			Sg	05:35.08	-0.69
CRVS	61.6	58	PgU	9:05:39.42	0.31
			Sg	05:46.80	-0.88
PSZ	99.7	220	Pg	9:05:46.40	0.49
LANS	111.9	303	Pg	9:05:48.11	0.01
KOLS	117.5	72	eSg	9:06:05.50	0.04
VYHS	142.1	265	ePn	9:05:53.10	0.24
			eSn	06:10.40	-1.76*

49.

2018-01-19 time: 9:40:14.09 UTC ML= 1.5
 lat: 47.401N lon: 18.392E h= 0.0 km
 erh= 1.8km erz= 1.3km
 nr= 11 gap=269 rms=1.03
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	1.0	184	PgU	9:40:15.08	0.80
			Sg	40:15.48	1.06
CSKK	10.8	247	PgU	9:40:16.38	0.36
			Sg	40:17.67	0.15
PKST	31.3	240	Pg	9:40:20.16	0.48
			Sg	40:23.41	-0.63
PKB1	75.0	156	Pg	9:40:28.59	1.10
MORH	133.2	172	Pn	9:40:37.26	-0.47
			Sn	40:53.58	-2.59
PKSM	133.6	172	Pn	9:40:36.92	-0.86
			Sn	40:53.79	-2.47

50.

2018-01-19 time: 9:45:35.16 UTC ML= 1.4
 lat: 47.326N lon: 18.420E h= 0.0 km
 erh= 2.0km erz= 419km
 nr= 6 gap=189 rms=0.26
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.7	343	Pg	9:45:36.53	-0.01
			Sg	45:37.22	-0.39
CSKK	12.7	289	Pg	9:45:37.82	0.38
			Sg	45:39.07	-0.14
MORH	124.5	172	Sg	9:46:14.94	0.19
PKSM	125.0	172	Sg	9:46:14.66	-0.22

51.

2018-01-19 time: 13:00:41.34 UTC ML= 2.2
 lat: 48.440N lon: 17.453E h= 0.0 km
 erh= 3.3km erz= 3.0km
 nr= 17 gap=216 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
SMOL	8.4	348	Pg	13:00:43.08	0.25
			Sg	00:43.62	-0.37
MODS	15.0	240	ePg	13:00:44.70	0.69
			eSg	00:47.40	1.30
ZST	37.6	224	Pg	13:00:49.05	1.00
			Sg	00:53.33	0.04
KRUC	104.1	312	Pg	13:00:59.94	0.02
			Sg	01:13.99	-0.42
SOP	107.4	218	Pg	13:01:00.42	-0.09
			Sg	01:14.30	-1.18
VRAC	115.3	327	Pg	13:01:02.00	0.08
RONA	119.2	226	Pg	13:01:02.74	0.11
			Sg	01:17.87	-1.37
CONA	131.3	244	Pn	13:01:05.00	0.26
			Sn	01:20.60	-2.40
MORC	148.8	3	Pn	13:01:06.65	-0.27
			Sn	01:26.55	-0.32

52.

2018-01-19 time: 14:42:58.76 UTC ML= 1.3
 lat: 47.123N lon: 18.117E h= 0.0 km
 erh= 2.2km erz= 868km
 nr= 17 gap= 91 rms=0.77
 Locality: Berhida
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.3	337	Pg	14:43:01.09	-0.59
			Sg	43:03.26	-0.69
CSKK	28.8	22	Pg	14:43:03.84	-0.07
TIH	30.1	214	Pg	14:43:03.79	-0.35
PKSG	36.3	35	Pg	14:43:05.24	-0.01
MPLH	44.1	277	Pg	14:43:07.06	0.42
			Sg	43:13.18	0.40
PKS9	60.9	168	Sg	14:43:17.15	-0.97
PKB1	63.7	126	Pg	14:43:10.60	0.45
PKB5	75.3	141	Pg	14:43:13.69	1.47
			Sg	43:24.05	1.34
PKB4	79.0	152	Pg	14:43:13.92	1.05
MORH	108.7	158	Pg	14:43:18.19	0.02
			Sg	43:32.10	-1.20
PKSM	109.0	158	Pg	14:43:18.24	0.01
			Sg	43:32.14	-1.27
KOVH	115.1	181	Sg	14:43:34.16	-1.18

53.

2018-01-19 time: 22:22:22.33 UTC ML= 1.3
 lat: 47.981N lon: 19.261E h= 0.7 km
 erh= 1.4km erz=62.5km
 nr= 10 gap=127 rms=0.35
 Locality: Szente
 Comments:

sta	dist	azm	phase	hr mn sec	res
PENC	21.2	176	Pg	22:22:26.11	-0.01
			Sg	22:28.81	-0.27
A336	34.2	325	Pg	22:22:28.82	0.38
			Sg	22:33.13	-0.07
PSZ	47.8	98	Pg	22:22:31.25	0.38
			Sg	22:37.05	-0.48
VYHS	65.2	331	Pg	22:22:33.95	-0.03
			Sg	22:41.26	-1.80
A338	67.9	273	Pg	22:22:34.61	0.15
			Sg	22:43.78	-0.14

Földrengés paraméterek

Hypocenter Parameters

54.

2018-01-22 time: 9:00:46.67 UTC ML= 1.5
 lat: 48.577N lon: 20.775E h= 0.0 km
 erh= 1.9km erz= 4.5km
 nr= 14 gap= 89 rms=0.71
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.8	244	Pg	9:00:50.93	0.01
			Sg	00:53.70	-0.54
ABAH	46.5	132	Pg	9:00:54.97	0.00
			Sg	01:01.10	-0.34
CRVS	62.1	54	Pg	9:00:57.83	0.08
			Sg	01:05.96	-0.43
PSZ	98.2	222	Pg	9:01:04.10	-0.11
			Sg	01:18.22	0.32
NIE	99.5	340	Pg	9:01:07.44	3.00
LANS	115.2	304	Pg	9:01:06.66	-0.58
			Sg	01:22.04	-1.24
KOLS	117.0	70	Sg	9:01:23.63	-0.24
A336	137.0	254	Pn	9:01:11.72	0.94
VYHS	143.5	266	Pn	9:01:12.13	0.53

55.

2018-01-22 time: 10:14:00.77 UTC ML= 2.2
 lat: 45.738N lon: 21.168E h= 11.6 km
 erh= 2.2km erz= 1.5km
 nr= 32 gap= 60 rms=1.02
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
TIM	4.1	92	PgD	10:14:03.15	0.18
			Sg	14:04.70	0.01
BZS	37.5	111	Pg	10:14:07.78	0.01
			Sg	14:12.74	-0.50
BANR	39.6	184	PgD	10:14:08.45	0.32
			Sg	14:14.00	0.12
SIRR	70.1	33	PgD	10:14:13.50	0.04
			Sg	14:21.00	-2.36
SURR	74.5	89	PgC	10:14:13.91	-0.32
			Sg	14:23.20	-1.53
AMBH	76.2	333	Pg	10:14:15.41	0.88
MDVR	114.6	158	PnD	10:14:20.27	-0.33
			Sn	14:34.30	-1.77
FRGS	125.6	238	Pn	10:14:21.65	-0.33
			Sn	14:36.82	-1.70
GZR	131.3	107	PnD	10:14:23.39	0.70
			Sn	14:38.90	-0.88
HERR	136.6	134	PnD	10:14:24.27	0.93
			Sn	14:40.60	-0.35
PKS6	156.6	308	Pn	10:14:26.63	0.79
DRGR	167.0	45	Pn	10:14:27.95	0.82
			Sn	14:47.25	-0.45
PKB3	170.6	297	Sn	10:14:46.78	-1.73
PKS2	172.8	299	Sn	10:14:48.72	-0.28
MORH	202.7	285	Pn	10:14:31.54	-0.05
PKSM	202.8	285	Pn	10:14:31.45	-0.15
LOT	205.5	99	PnC	10:14:34.71	2.76
			Sn	14:59.60	3.34
CJR	216.6	60	PnC	10:14:35.99	2.67
			Sn	15:00.30	1.59
BOVS	237.5	170	PnC	10:14:38.89	2.96
			Sn	15:05.00	1.64
VOIR	304.8	96	PnD	10:14:46.46	2.14*
			Sn	15:21.10	2.82*

56.

2018-01-22 time: 10:38:53.52 UTC ML= 1.4
 lat: 47.123N lon: 17.951E h= 0.0 km
 erh= 1.5km erz= 633km
 nr= 13 gap= 89 rms=0.53
 Locality: Kádárta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.4	23	Pg	10:38:55.51	-0.93
			Sg	38:59.04	0.32
TIH	25.2	190	Pg	10:38:57.54	-0.48
			Sg	39:01.12	-0.41
MPLH	31.7	279	Pg	10:38:59.18	0.00
			Sg	39:03.61	0.02
CSKK	35.5	41	Pg	10:38:59.56	-0.30
			Sg	39:04.93	0.13
PKSG	44.7	48	Pg	10:39:01.27	-0.23
EGYH	57.2	305	Pg	10:39:05.03	1.30
			Sg	39:07.96	0.24
PKB1	74.3	120	Pg	10:39:07.46	0.68
			Sg	39:17.23	0.11

57.

2018-01-22 time: 11:53:57.02 UTC ML= 2.1
 lat: 48.565N lon: 19.332E h= 0.0 km
 erh= 2.6km erz= 3.8km
 nr= 20 gap=107 rms=1.14
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	37.5	258	Pg	11:54:04.22	0.51
			Sg	54:08.51	-0.42
A336	44.4	214	Pg	11:54:05.40	0.45
			Sg	54:10.49	-0.64
LANS	65.9	9	Pg	11:54:09.93	1.15
			Sg	54:17.34	-0.61
PSZ	83.2	150	Pg	11:54:12.77	0.90
			Sg	54:22.40	-1.06
KECS	85.7	96	Pg	11:54:11.87	-0.45
			Sg	54:22.60	-1.66
A338	95.0	230	Pg	11:54:16.23	2.24
			Sg	54:26.13	-1.09
NIE	119.0	37	Sg	11:54:32.99	-1.86
STA3	124.6	191	Pg	11:54:19.49	0.22
			Sg	54:34.76	-1.86
ABAH	144.3	102	Pn	11:54:23.29	1.24
			Sn	54:40.33	-1.24
MODS	153.4	262	ePn	11:54:23.90	0.71
			eSn	54:41.30	-2.30
CRVS	161.1	77	eSn	11:54:46.40	1.11

58.

2018-01-23 time: 8:59:39.45 UTC ML= 1.3
 lat: 48.584N lon: 20.779E h= 0.0 km
 erh= 2.9km erz= 4.8km
 nr= 11 gap=112 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.4	243	Pg	8:59:44.25	0.44
			Sg	59:47.30	0.10
ABAH	46.8	133	Pg	8:59:48.45	0.65
			Sg	59:54.37	0.05
CRVS	61.4	55	Pg	8:59:50.93	0.51
			Sg	59:58.79	-0.18
PSZ	99.0	222	Pg	8:59:55.83	-1.29
LANS	115.0	303	ePg	8:60:00.00	0.02
KOLS	116.5	71	Sg	8:60:15.07	-1.42
VYHS	143.8	266	Pn	8:60:05.37	0.95

Hypocenter Parameters

Földrengés paraméterek

Sn 60:22.99 -0.90

59.

2018-01-23 time: 9:26:38.82 UTC ML= 0.8
 lat: 46.208N lon: 18.274E h= 0.0 km
 erh= 1.7km erz= 387km
 nr= 9 gap=173 rms=0.29
 Locality: Kisbattyán
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	19.0	225	Pg	9:26:42.18			-0.03
			Sg	26:44.85			0.00
PKSM	28.3	89	Pg	9:26:44.29			0.41
			Sg	26:47.58			-0.24
MORH	28.5	88	Pg	9:26:44.36			0.44
			Sg	26:47.77			-0.12
PKSV	35.6	183	Pg	9:26:45.25			0.07
			Sg	26:49.69			-0.45
PKB4	40.8	38	Pg	9:26:45.77			-0.34

60.

2018-01-23 time: 11:14:45.18 UTC ML= 1.9
 lat: 47.497N lon: 18.693E h= 7.9 km
 erh= 1.1km erz= 1.2km
 nr= 20 gap= 70 rms=0.40
 Locality: Herceghalom
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BUD	25.0	93	Pg	11:14:50.24			0.39
			Sg	14:53.43			-0.07
PKSG	25.6	243	Pg	11:14:49.79			-0.18
			Sg	14:53.02			-0.69
CSKK	35.9	245	Pg	11:14:52.01			0.27
			Sg	14:56.77			-0.09
PENC	54.9	54	Pg	11:14:54.49			-0.60
PKST	56.4	242	Pg	11:14:55.37			0.03
			Sg	15:03.00			-0.27
PKB1	79.6	175	Pg	11:15:00.02			0.56
			Sg	15:10.00			-0.60
A339	86.2	295	Pg	11:15:00.94			0.30
MPLH	94.5	247	Pg	11:15:01.93			-0.18
PKB2	100.5	156	Pg	11:15:03.64			0.46
PSZ	101.6	63	Pg	11:15:03.61			0.24
			Sg	15:16.33			-1.24
VYHS	111.4	5	ePn	11:15:05.60			0.51
			eSn	15:20.30			-0.31
MORH	142.5	182	Sn	11:15:27.29			-0.23
PKSM	142.9	182	Sn	11:15:27.36			-0.26

61.

2018-01-23 time: 21:44:49.39 UTC ML= 0.5
 lat: 47.437N lon: 18.345E h= 10.0 km
 erh= 6.8km erz= 3.5km
 nr= 6 gap=276 rms=0.17
 Locality: Oroszlány
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.1	146	Pg	21:44:51.61			0.14
			Sg	44:52.89			-0.21
CSKK	10.4	218	Pg	21:44:52.10			0.14
			Sg	44:54.16			0.19
PKST	30.7	230	Pg	21:44:54.91			-0.24
			Sg	44:59.61			-0.04

62.

2018-01-23 time: 22:18:39.08 UTC ML= 1.5
 lat: 45.638N lon: 21.486E h= 10.0 km
 erh=38.8km erz=20.4km
 nr= 6 gap=149 rms=0.82
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BZS	10.5	103	Pg	22:18:41.49			-0.18
			Sg	18:43.84			0.15
FRGS	142.6	247	Pn	22:19:02.51			-0.11
			Sn	19:20.55			-0.43
DRGR	159.4	36	Pn	22:19:06.49			1.78
			Sn	19:23.34			-1.36

63.

2018-01-24 time: 8:48:08.22 UTC ML= 1.4
 lat: 48.622N lon: 20.714E h= 0.0 km
 erh= 1.6km erz= 3.3km
 nr= 8 gap=156 rms=0.29
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.9	227	Pg	8:48:12.38			0.08
			Sg	48:15.15			-0.34
ABAH	53.2	133	Pg	8:48:18.22			0.50
			Sg	48:25.12			-0.01
CRVS	63.2	60	Pg	8:48:19.25			-0.25
PSZ	99.1	218	Pg	8:48:25.57			-0.35
			Sg	48:39.81			0.08
VYHS	139.3	264	Pn	8:48:32.94			0.31

64.

2018-01-24 time: 9:57:18.53 UTC ML= 1.7
 lat: 47.328N lon: 18.425E h= 0.0 km
 erh= 3.7km erz= 5.4km
 nr= 8 gap=159 rms=0.54
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.5	340	PgU	9:57:19.93			0.06
			Sg	57:20.54			-0.38
CSKK	13.0	287	PgU	9:57:21.11			0.25
			Sg	57:22.47			-0.20
MORH	124.8	172	Sg	9:57:58.19			-0.01
PKSM	125.2	172	Sg	9:57:58.08			-0.25
VYHS	133.2	13	Pn	9:57:43.17			1.00
			Sn	57:59.19			-1.43

65.

2018-01-25 time: 0:15:56.25 UTC ML= 1.8
 lat: 47.847N lon: 18.392E h= 10.0 km
 erh= 2.9km erz= 3.6km
 nr= 8 gap=147 rms=0.33
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
SRO	7.0	237	Pg	0:15:58.55			0.13
			Sg	16:00.05			-0.07
PKSG	50.6	180	Sg	0:16:12.62			-0.03
STA1	61.5	143	Pg	0:16:07.43			0.06
A336	62.4	47	Pg	0:16:07.71			0.18
			Sg	16:15.90			-0.44
VYHS	79.2	25	Pg	0:16:10.83			0.33
			Sg	16:20.42			-1.19

Földrengés paraméterek

Hypocenter Parameters

66.

2018-01-25 time: 7:05:01.11 UTC ML= 2.0
 lat: 46.257N lon: 19.785E h= 5.7 km
 erh= 3.0km erz= 3.2km
 nr= 18 gap=286 rms=0.61
 Locality: Ruzsa
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKS6	41.7	336	Pg	7:05:08.53	-0.09
PKB3	49.0	292	Pg	7:05:10.31	0.39
			Sg	05:17.41	0.61
PKS2	51.1	301	Sg	7:05:18.31	0.85
PKB2	62.3	318	Sg	7:05:21.46	0.45
MORH	88.1	267	Pg	7:05:16.74	-0.13
			Sg	05:28.25	-0.92
PKSM	88.4	267	Pg	7:05:16.71	-0.21
			Sg	05:28.24	-1.01
PKB5	88.9	295	Sg	7:05:30.30	0.86
PKB4	94.7	286	Pg	7:05:18.75	0.71
			Sg	05:30.96	-0.29
PKB1	96.1	308	Pg	7:05:17.68	-0.62
			Sg	05:31.12	-0.58
PKS7	100.0	331	Pg	7:05:19.00	0.01
			Sg	05:31.91	-1.02
KOVH	131.5	262	Pn	7:05:24.78	0.98
			Sn	05:41.17	-0.34

67.

2018-01-25 time: 10:25:32.68 UTC ML= 1.0
 lat: 47.199N lon: 18.296E h= 0.0 km
 erh= 1.7km erz= 572km
 nr= 10 gap=148 rms=0.44
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.4	352	PgU	10:25:36.08	0.11
			Sg	25:38.27	-0.26
PKST	20.9	289	Pg	10:25:36.25	-0.16
			Sg	25:38.82	-0.50
PKSG	22.6	19	Pg	10:25:36.84	0.13
			Sg	25:39.73	-0.13
MPLH	57.4	267	Pg	10:25:43.67	0.74
MORH	112.5	166	Sg	10:26:08.02	-0.43
PKSM	112.9	166	Pg	10:25:53.45	0.61
			Sg	26:07.74	-0.83

68.

2018-01-25 time: 11:09:49.64 UTC ML= 1.5
 lat: 46.819N lon: 17.346E h= 0.0 km
 erh= 2.7km erz= 953km
 nr= 11 gap=137 rms=0.76
 Locality: Nemesvita
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	41.7	21	Pg	11:09:57.29	0.21
			Sg	10:01.66	-1.22
PKST	71.6	47	Pg	11:10:02.84	0.42
KOGS	93.5	244	Sg	11:10:18.89	-0.48
KOVH	99.8	145	Pg	11:10:07.95	0.49
			Sg	10:21.04	-0.32
PKB1	110.5	92	Sg	11:10:25.25	0.50
MORH	120.1	124	Pg	11:10:11.71	0.62
			Sg	10:26.46	-1.36
PKSM	120.2	124	Pg	11:10:11.95	0.85
			Sg	10:26.32	-1.52

69.

2018-01-26 time: 11:40:07.88 UTC ML= 1.4
 lat: 48.582N lon: 20.778E h= 0.0 km
 erh= 2.4km erz= 3.7km
 nr= 10 gap=149 rms=0.56
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.2	243	Pg	11:40:12.44	0.23
			Sg	40:15.09	-0.50
ABAH	46.6	133	Pg	11:40:15.45	-0.76
			Sg	40:22.73	0.03
CRVS	61.6	55	Pg	11:40:19.36	0.48
			Sg	40:27.25	-0.21
PSZ	98.7	222	Pg	11:40:26.51	0.99
			Sg	40:39.17	-0.10
VYHS	143.8	266	Pn	11:40:33.00	0.16
			Sn	40:51.26	-1.05

70.

2018-01-26 time: 14:24:46.46 UTC ML= 2.0
 lat: 46.152N lon: 16.059E h= 10.1 km
 erh= 2.6km erz= 1.7km
 nr= 8 gap=171 rms=0.23
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	29.1	196	Pg	14:24:52.18	0.21
KOGS	36.0	24	Pg	14:24:52.99	-0.16
			Sg	24:58.39	0.03
CREC	59.1	232	Pg	14:24:57.21	0.04
			Sg	25:05.28	-0.24
OBKA	122.8	289	Pn	14:25:07.22	-0.30
			Sn	25:24.56	0.61
ARSA	128.8	341	Sn	14:25:25.39	0.13

71.

2018-01-27 time: 9:43:30.86 UTC ML= 1.3
 lat: 46.105N lon: 17.069E h= 10.0 km
 erh= 2.3km erz= 1.7km
 nr= 13 gap=150 rms=0.53
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
BEHE	46.5	331	Pg	9:43:39.38	0.03
			Sg	43:45.72	-0.25
KOGS	73.8	301	Pg	9:43:44.70	0.55
			Sg	43:54.40	-0.12
KOVH	79.7	91	Pg	9:43:45.98	0.78
			Sg	43:56.56	0.17
PTJ	89.1	255	Sg	9:43:58.32	-1.02
PKSV	94.7	105	Sg	9:44:01.01	-0.13
PKSM	122.0	84	Pn	9:43:51.15	-0.68
			Sn	44:08.09	-0.09
MORH	122.3	84	Pn	9:43:52.29	0.43
			Sn	44:07.29	-0.95
CREC	128.8	256	Sn	9:44:10.12	0.43

72.

2018-01-27 time: 10:20:27.24 UTC ML= 1.0
 lat: 46.133N lon: 18.320E h= 0.0 km
 erh= 1.6km erz= 465km
 nr= 10 gap=120 rms=0.36
 Locality: Vasas
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
KOVH	17.7	254	Pg	10:20:29.92	-0.48
			Sg	20:32.49	-0.37
PKSM	26.3	71	Pg	10:20:31.64	-0.30
			Sg	20:35.34	-0.27
MORH	26.7	70	Pg	10:20:31.83	-0.17
			Sg	20:35.56	-0.16
PKSV	27.7	191	Pg	10:20:32.54	0.36
			Sg	20:36.41	0.38
PKB4	45.9	28	Pg	10:20:35.89	0.45
PKS9	50.6	356	Pg	10:20:36.71	0.44

73.

2018-01-27 time: 16:10:58.86 UTC ML= 2.0
 lat: 46.145N lon: 17.063E h= 5.4 km
 erh= 2.7km erz= 2.2km
 nr= 25 gap= 79 rms=1.04
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	71.1	298	PgU	16:11:13.27	1.69
			Sg	11:20.93	-0.58
KOVH	80.4	95	Pg	16:11:13.65	0.40
			Sg	11:23.28	-1.19
PTJ	89.8	252	Pg	16:11:14.60	-0.32
			Sg	11:25.13	-2.32
PKSV	96.4	107	Pg	16:11:16.61	0.51
			Sg	11:28.67	-0.88
TIH	105.3	37	Pg	16:11:18.06	0.37
			Sg	11:30.78	-1.60
MPLH	119.6	18	Pn	16:11:20.07	-0.05
PKSM	122.1	87	Pn	16:11:19.85	-0.58
			Sn	11:35.93	-1.32
MORH	122.4	86	Pn	16:11:19.81	-0.65
			Sn	11:35.91	-1.40
PKB4	124.9	72	Pn	16:11:21.87	1.09
			Sn	11:38.01	0.13
CRES	129.4	254	Pn	16:11:21.78	0.44
			Sn	11:38.32	-0.55
PKB5	138.1	69	Sn	16:11:41.58	0.78
PKST	144.4	31	Pn	16:11:25.37	2.17
			Sn	11:42.04	-0.16
PKB1	150.6	62	Sn	16:11:44.67	1.08
BLY	155.5	177	Sn	16:11:45.52	0.86
PKB2	177.6	71	Sn	16:11:53.04	3.48

74.

2018-01-29 time: 1:16:15.77 UTC ML= 1.8
 lat: 46.437N lon: 16.153E h= 10.0 km
 erh= 2.1km erz= 1.9km
 nr= 15 gap= 90 rms=0.69
 Locality: Slovenia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	7.6	81	Pg	1:16:18.08	0.07
			Sg	16:19.59	-0.17
BEHE	47.9	86	Pg	1:16:24.89	0.37
			Sg	16:30.94	-0.40
PTJ	61.6	194	Pg	1:16:27.69	0.78
			Sg	16:34.75	-0.85
CRES	86.7	218	Pg	1:16:32.35	1.00
			Sg	16:42.44	-1.06
SOKA	90.0	287	Pg	1:16:31.89	-0.05
			Sg	16:43.13	-1.43
ARSA	102.4	332	Pg	1:16:33.62	-0.52
OBKA	123.5	274	Pn	1:16:37.61	0.69
RONA	140.8	4	Pn	1:16:39.90	0.82
			Sn	16:57.07	-0.19
KOVH	155.0	104	Sn	1:16:59.65	-0.77

Földrengés paraméterek

75.

2018-01-29 time: 8:41:01.08 UTC ML= 1.3
 lat: 47.094N lon: 18.016E h= 0.0 km
 erh= 1.0km erz= 378km
 nr= 13 gap=113 rms=0.32
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.3	4	Pg	8:41:03.60	-0.75
			Sg	41:06.68	-0.23
CSKK	35.1	32	Pg	8:41:07.54	0.19
			Sg	41:12.56	0.31
MPLH	37.1	283	Pg	8:41:07.82	0.11
			Sg	41:13.14	0.26
PKSG	43.6	41	Pg	8:41:08.69	-0.17
			Sg	41:15.28	0.36
MORH	108.9	154	Pg	8:41:20.61	0.09
			Sg	41:35.53	-0.15
PKSM	109.2	154	Pg	8:41:20.75	0.18
KOVH	112.0	177	Pg	8:41:21.23	0.15
			Sg	41:35.98	-0.70

76.

2018-01-29 time: 10:35:20.15 UTC ML= 1.5
 lat: 48.632N lon: 20.720E h= 0.0 km
 erh= 2.3km erz= 3.9km
 nr= 12 gap= 83 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.0	226	Pg	10:35:24.27	-0.16
			Sg	35:27.79	0.02
ABAH	53.6	134	Pg	10:35:31.07	1.35
			Pg	10:35:30.97	-0.29
CRVS	62.2	61	Sg	35:38.85	-1.08
			Pg	10:35:37.84	0.67
STHS	95.3	24	Pg	10:35:38.12	0.06
PSZ	100.3	218	Sg	35:51.14	-0.88
			Pg	10:35:39.97	0.45
LANS	108.4	302	Sg	35:53.99	-0.63
			Pn	10:35:44.92	0.29
VYHS	139.9	264	Sn	36:02.96	-0.76

77.

2018-01-29 time: 21:22:08.53 UTC ML= 0.1
 lat: 47.383N lon: 18.250E h= 5.3 km
 erh= 7.3km erz= 2.5km
 nr= 6 gap=215 rms=0.14
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	2.3	161	PgU	21:22:09.58	0.02
			Sg	22:10.20	-0.16
PKSG	10.6	84	PgU	21:22:10.75	0.10
			Sg	22:12.30	0.00
PKST	21.4	230	Pg	21:22:12.29	-0.17
			Sg	22:15.78	0.26

78.

2018-01-30 time: 4:43:54.39 UTC ML= 1.5
 lat: 46.125N lon: 16.539E h= 12.4 km
 erh= 3.1km erz= 3.7km
 nr= 9 gap=149 rms=0.42
 Locality: Croatia
 Comments:

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr	mn	sec	res
KOGS	42.3	328	Pg	4:44	02	56	0.31
			Sg		44	07	73
BEHE	42.5	25	Pg	4:44	02	64	0.35
			Sg		44	08	14
PTJ	51.4	241	Pg	4:44	04	25	0.42
			Sg		44	10	65
CRES	90.2	248	Pg	4:44	11	04	0.40
			Sg		44	22	81
KOVH	120.8	92	Sn	4:44	30	63	-0.27

79.

2018-01-30 time: 16:15:54.12 UTC ML= 1.6
 lat: 46.169N lon: 16.543E h= 14.0 km
 erh= 1.4km erz= 1.2km
 nr= 24 gap= 66 rms=0.60
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	37.9	28	Pg	16:16	01	94	0.60
			Sg		16	06	77
KOGS	38.3	324	Pg	16:16	01	28	-0.13
			Sg		16	06	13
PTJ	54.3	237	Pg	16:16	04	07	-0.06
			Sg		16	11	12
ZAG	56.9	228	Sg	16:16	13	22	0.47
CRES	92.4	246	P*	16:16	10	80	0.19
			S*		16	22	85
KOVH	120.7	94	Pn	16:16	14	54	0.14
			Sn		16	29	35
SOKA	129.2	296	Pn	16:16	16	25	0.79
			Sn		16	31	43
PKSV	136.0	103	Pn	16:16	16	74	0.43
			Sn		16	34	71
ARSA	143.3	327	Pn	16:16	18	29	1.06
OBKA	158.1	284	Sn	16:16	39	11	0.57
			Pn		16:16	19	92
PKSM	162.1	88	Sn		16:38	36	-1.05
			Pn		16:16	19	65
MORH	162.3	88	Sn		16:38	62	-0.84
			Pn		16:16	40	70
MOA	254.7	317	Pn	16:16	32	59	1.47
			Sn		16:59	11	-0.87

80.

2018-01-31 time: 8:03:27.79 UTC ML= 1.2
 lat: 47.327N lon: 18.438E h= 0.0 km
 erh= 2.3km erz= 408km
 nr= 6 gap=199 rms=0.24
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.1	334	PgU	8:03	29	38	0.15
			Sg		03	29	95
CSKK	14.0	287	Pg	8:03	30	64	0.35
			Sg		03	32	20
PKST	31.5	256	Pg	8:03	33	23	-0.18
PKSM	124.9	173	Sg	8:04	07	44	-0.05

81.

2018-01-31 time: 9:11:54.16 UTC ML= 1.5
 lat: 47.131N lon: 18.067E h= 0.0 km
 erh= 2.4km erz= 941km
 nr= 16 gap= 85 rms=0.82
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	14.4	350	Pg	9:11	56	54	-0.20
TIH	28.9	207	Pg	9:11	59	27	-0.05

sta	dist	azm	phase	hr	mn	sec	res
CSKK	29.7	30	Pg	9:11	59	37	-0.09
PKSG	38.0	40	PgD	9:12	01	11	0.17
			Pg		9:12	01	80
MPLH	40.2	276	Pg		12:06	03	-0.92
			Sg		9:12	07	86
PKS9	62.6	165	Pg	9:12	06	23	0.05
PKB1	67.3	125	Pg	9:12	09	10	0.94
PKB5	78.4	139	Pg	9:12	09	46	0.73
PKB4	81.6	150	Pg		12:20	10	0.01
			Sg		9:12	13	30
MORH	110.9	157	Pg		12:27	82	-1.59
			Sg		9:12	13	30
PKSM	111.2	157	Pg		12:27	98	-1.53
			Sg				

82.

2018-01-31 time: 10:20:20.32 UTC ML= 1.3
 lat: 48.100N lon: 20.694E h= 5.4 km
 erh= 2.2km erz= 2.5km
 nr= 8 gap=138 rms=0.47
 Locality: Pereces
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KECS	45.3	340	Sg	10:20	35	38	0.56
ABAH	46.0	62	Pg	10:20	28	69	0.09
			Sg		20	34	62
PSZ	63.0	251	Pg	10:20	31	46	-0.15
			Sg		20	39	42
BSZH	94.6	200	Sg	10:20	51	16	0.72
BUD	142.7	241	Sn	10:21	03	34	0.05
VYHS	144.7	288	Sn	10:21	03	79	0.07

83.

2018-01-31 time: 10:36:51.76 UTC ML= 1.8
 lat: 48.547N lon: 20.821E h= 0.0 km
 erh= 4.3km erz= 6.2km
 nr= 11 gap=114 rms=1.07
 Locality: Hidvégdó
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.8	254	Pg	10:36	56	80	0.44
			Sg		37	00	63
ABAH	41.7	132	Pg	10:36	59	13	-0.08
			Sg		37	03	84
PSZ	98.1	225	Pg	10:37	10	61	1.33
STHS	101.5	18	Pg	10:37	10	04	0.16
LANS	119.8	304	Pg	10:37	12	51	-0.65
			Sg		37	27	68
VYHS	146.7	268	Pn	10:37	17	26	0.17
			Sn		37	34	95
OJC	200.2	338	Pn	10:37	26	00	2.24

84.

2018-02-01 time: 8:30:56.32 UTC ML= 1.5
 lat: 47.345N lon: 18.425E h= 0.0 km
 erh= 2.0km erz= 3.8km
 nr= 9 gap=159 rms=0.53
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	5.8	334	PgU	8:30	57	69	0.33
			Sg		30	58	17
CSKK	12.6	279	Pg	8:30	58	91	0.34
			Sg		30	59	91
PKST	31.1	252	Pg	8:31	02	64	0.77
			Sg		31	05	62
MORH	126.6	172	Sg	8:31	36	61	0.03
PKSM	127.1	173	Sg	8:31	36	28	-0.43
VYHS	131.4	14	Sn	8:31	36	79	-1.22

Hypocenter Parameters

Földrengés paraméterek

85.

2018-02-01 time: 9:38:26.93 UTC ML= 2.0
 lat: 46.985N lon: 22.320E h= 5.0 km
 erh= 1.5km erz= 1.5km
 nr= 32 gap= 70 rms=0.78
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
DRGR	36.7	126	Pg	9:38:33.93		0.38	
			Sg	38:38.61		-0.10	
BORR	42.3	286	PgC	9:38:35.35		0.81	
			Sg	38:39.90		-0.57	
MARR	69.9	119	PgC	9:38:39.53		0.08	
			Sg	38:48.70		-0.51	
SIRR	94.4	212	PgC	9:38:43.89		0.07	
			Sg	38:55.20		-1.79	
CJR	102.0	107	PgC	9:38:45.35		0.18	
			Sg	38:58.10		-1.30	
BMR	117.3	49	PgC	9:38:47.91		0.01	
			Sg	39:03.70		-0.56	
TRPA	128.4	7	Pn	9:38:49.33		-0.01	
			Sn	39:05.35		-1.47	
SURR	137.6	186	PnC	9:38:50.69		0.20	
			Sn	39:07.80		-1.06	
BSZH	159.7	283	Sn	9:39:14.88		1.13	
BZS	161.4	200	Pn	9:38:53.16		-0.30	
			Sn	39:13.37		-0.77	
ABAH	166.9	331	Pn	9:38:53.46		-0.68	
			Sn	39:15.07		-0.28	
GZR	180.4	169	PnD	9:38:57.46		1.65	
			Sn	39:19.60		1.26	
LOT	204.2	147	PnC	9:39:00.11		1.33	
			Sn	39:24.00		0.37	
KOLS	216.7	359	Pn	9:39:00.75		0.41	
BURA	230.0	72	PnC	9:39:04.48		2.48	
HERR	233.9	178	PnC	9:39:03.23		0.73	
			Sn	39:30.30		0.07	
DOPR	261.4	116	PnC	9:39:06.56		0.65	
VOIR	271.9	129	PnC	9:39:08.97		1.74	
			Sn	39:39.70		1.03	

86.

2018-02-01 time: 10:39:53.26 UTC ML= 1.7
 lat: 46.841N lon: 17.340E h= 0.0 km
 erh= 2.0km erz= 906km
 nr= 12 gap= 97 rms=0.74
 Locality: Lesencefalu
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	39.6	23	Sg	10:40:05.33		-0.52	
EGYH	64.0	359	Sg	10:40:14.64		1.03	
PKST	70.3	49	Pg	10:40:06.45		0.63	
KOGS	94.2	242	Pg	10:40:10.47		0.39	
			Sg	40:22.99		-0.20	
KOVH	102.1	145	Pg	10:40:12.15		0.66	
			Sg	40:25.89		0.19	
PKB5	110.2	104	Sg	10:40:25.94		-2.35	
SOP	110.7	328	Sg	10:40:27.31		-1.15	
PKB1	111.0	93	Sg	10:40:28.66		0.10	
MORH	121.9	125	Sg	10:40:31.38		-0.62	
PKSM	121.9	125	Sg	10:40:31.48		-0.54	

87.

2018-02-01 time: 10:45:59.46 UTC ML= 0.9
 lat: 47.235N lon: 18.268E h= 0.0 km
 erh= 1.4km erz= 193km
 nr= 6 gap=251 rms=0.11
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.3	358	Pg	10:46:02.06		0.05	
			Sg	46:04.00		0.01	
PKST	17.9	279	Pg	10:46:02.52		-0.13	
			Sg	46:05.20		0.06	
PKSG	19.8	28	Pg	10:46:03.13		0.14	
			Sg	46:05.56		-0.18	

88.

2018-02-01 time: 11:02:21.97 UTC ML= 2.1
 lat: 48.187N lon: 16.941E h= 0.0 km
 erh= 4.0km erz= 5.0km
 nr= 13 gap=112 rms=0.80
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	12.1	85	Pg	11:02:24.57		0.45	
			Sg	02:26.46		0.66	
MODS	32.5	50	ePg	11:02:28.00		0.24	
			eSg	02:32.60		0.32	
A337	63.4	84	Pg	11:02:32.59		-0.70	
KRUC	105.3	338	Pg	11:02:41.26		0.50	
			Sg	02:55.67		0.24	
VRAC	127.3	348	Pg	11:02:44.14		-0.56	
			Sg	03:01.19		-1.23	
PKST	131.8	142	Sn	11:03:01.24		-2.51	
VYHS	144.6	76	ePn	11:02:48.40		1.37	
			eSn	03:05.40		-1.18	
ARSA	148.9	226	Sn	11:03:07.40		-0.13	

89.

2018-02-02 time: 2:11:43.53 UTC ML= 1.1
 lat: 47.844N lon: 18.359E h= 7.8 km
 erh= 3.1km erz= 2.7km
 nr= 16 gap=110 rms=0.96
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
SRO	4.9	225	Pg	2:11:45.13		-0.05	
			Sg	11:45.65		-0.81	
A338	19.0	358	Pg	2:11:48.57		1.36	
			Sg	11:51.66		1.59	
PKSG	50.3	177	Pg	2:11:54.00		1.37	
			Sg	11:59.84		0.11	
CSKK	54.0	188	Sg	2:12:00.82		-0.06	
A336	64.4	48	Pg	2:11:55.10		-0.02	
			Sg	12:03.14		-1.01	
PKST	69.5	201	Sg	2:12:04.95		-0.82	
VYHS	80.5	26	Pg	2:11:58.08		0.10	
			Sg	12:07.91		-1.33	
MPLH	97.1	219	Sg	2:12:15.13		0.63	
MODS	99.8	306	ePg	2:11:59.50		-1.91	
SOP	136.2	262	Sn	2:12:24.35		-0.15	
PKB3	170.2	158	Sn	2:12:32.58		0.54	

90.

2018-02-02 time: 8:30:17.39 UTC ML= 1.8
 lat: 47.455N lon: 18.874E h= 6.3 km
 erh= 2.5km erz= 3.8km
 nr= 11 gap=157 rms=0.58
 Locality: Biatorbágy
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
STA1	5.6	172	PgU	8:30:18.76		-0.13	
			Sg	30:19.69		-0.36	
STA3	10.5	84	Pg	8:30:19.97		0.39	
BUD	11.8	74	Sg	8:30:21.91		0.28	
PKSG	37.1	259	Pg	8:30:24.21		0.10	

Földrengés paraméterek

Hypocenter Parameters

Sg 30:29.03 -0.32
 CSKK 47.4 258 Pg 8:30:26.54 0.61
 Sg 30:32.25 -0.34
 PKB1 74.8 185 Pg 8:30:31.56 0.76
 Sg 30:40.32 -0.94
 PSZ 92.3 56 Sg 8:30:45.18 -1.63

91.

2018-02-02 time: 9:09:37.98 UTC ML= 1.5
 lat: 48.665N lon: 20.675E h= 0.0 km
 erh= 4.9km erz= 458km
 nr= 6 gap=221 rms=0.27
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.6	215	Pg	9:09:42.76	0.39
			Sg	09:45.52	-0.28
ABAH	58.6	135	Pg	9:09:48.60	0.16
PSZ	101.2	215	Pg	9:09:56.06	0.00
			Sg	10:10.01	-0.15
KOLS	121.2	76	Sg	9:10:16.02	-0.47

92.

2018-02-02 time: 14:27:01.88 UTC ML= 0.9
 lat: 47.106N lon: 18.066E h= 0.0 km
 erh= 2.1km erz= 711km
 nr= 14 gap=101 rms=0.60
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.2	352	Pg	14:27:04.49	-0.45
			Sg	27:06.69	-0.65
CSKK	32.2	27	Pg	14:27:08.04	0.42
			Sg	27:12.59	0.49
PKSG	40.2	38	Pg	14:27:08.20	-0.85
			Sg	27:14.56	-0.09
MPLH	40.6	280	Pg	14:27:09.71	0.59
PKB1	65.9	123	Pg	14:27:14.41	0.77
PKB4	79.3	149	Sg	14:27:27.85	0.78
MORH	108.4	156	Pg	14:27:21.34	0.10
			Sg	27:35.62	-0.72
PKSM	108.7	156	Pg	14:27:21.78	0.48
			Sg	27:35.71	-0.73
KOVH	113.2	179	Sg	14:27:37.03	-0.82

93.

2018-02-02 time: 14:45:00.71 UTC ML= 1.0
 lat: 47.112N lon: 18.111E h= 0.0 km
 erh= 1.2km erz= 419km
 nr= 11 gap=123 rms=0.34
 Locality: Berhida
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.4	341	Pg	14:45:03.19	-0.62
TIH	28.8	215	Pg	14:45:06.12	0.28
			Sg	45:10.01	0.16
CSKK	30.2	22	Pg	14:45:06.37	0.28
			Sg	45:10.60	0.30
PKSG	37.7	34	Pg	14:45:07.29	-0.14
MPLH	43.8	279	Pg	14:45:08.77	0.24
			Sg	45:14.67	0.03
MORH	107.6	158	Pg	14:45:19.63	-0.29
PKSM	108.0	158	Pg	14:45:20.22	0.24
			Sg	45:34.19	-0.83

94.

2018-02-03 time: 10:19:18.60 UTC ML= 0.8
 lat: 46.155N lon: 18.285E h= 0.0 km
 erh= 1.7km erz= 482km
 nr= 10 gap=147 rms=0.38
 Locality: Vasas
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	16.1	242	Pg	10:19:21.22	-0.26
			Sg	19:23.78	0.05
PKSM	28.2	77	PgD	10:19:23.17	-0.47
			Sg	19:27.52	-0.05
MORH	28.5	76	Pg	10:19:23.19	-0.51
			Sg	19:27.70	0.03
PKSV	29.8	185	Pg	10:19:24.06	0.14
			Sg	19:28.57	0.50
PKB1	80.0	29	Pg	10:19:33.60	0.71
			Sg	19:44.20	0.16

95.

2018-02-03 time: 14:14:25.53 UTC ML= 1.5
 lat: 48.426N lon: 22.281E h= 10.0 km
 erh= 2.1km erz= 3.5km
 nr= 7 gap=150 rms=0.38
 Locality: Ukraine
 Comments:

sta	dist	azm	phase	hr mn sec	res
TRPA	38.1	150	Pg	14:14:33.19	0.63
			Sg	14:37.57	-0.48
KOLS	56.4	359	Pg	14:14:35.22	-0.53
			Sg	14:43.90	0.17
ABAH	78.5	259	Pg	14:14:39.86	0.19
			Sg	14:50.54	-0.15
LTVH	119.2	194	Pn	14:14:46.19	0.04

96.

2018-02-04 time: 21:28:38.53 UTC ML= 0.7
 lat: 47.491N lon: 18.459E h= 6.1 km
 erh= 1.9km erz= 0.9km
 nr= 8 gap=303 rms=0.15
 Locality: Szárliget
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	12.1	205	Pg	21:28:41.02	0.06
			Sg	28:42.57	-0.27
CSKK	20.6	227	Pg	21:28:42.32	-0.05
			Sg	28:45.73	0.36
PKST	41.1	231	Pg	21:28:45.99	0.03
			Sg	28:51.62	-0.13
MORH	142.4	174	Sn	21:29:21.41	0.13
PKSM	142.8	174	Sn	21:29:21.31	-0.07

97.

2018-02-04 time: 22:55:38.07 UTC ML= 1.4
 lat: 47.827N lon: 18.420E h= 10.0 km
 erh= 3.5km erz= 5.7km
 nr= 7 gap=139 rms=0.65
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	8.1	259	Pg	22:55:39.96	-0.41
			Sg	55:41.57	-0.59
A338	21.5	347	Pg	22:55:43.12	0.81
			Sg	55:46.52	0.90
PKSG	48.4	183	Sg	22:55:54.08	0.30
A336	62.5	44	Pg	22:55:49.28	-0.10

Hypocenter Parameters

Földrengés paraméterek

Sg 55:57.11 -1.09

101.

98.

2018-02-05 time: 9:37:40.08 UTC ML= 1.5
 lat: 48.513N lon: 20.854E h= 0.0 km
 erh= 5.3km erz= 7.9km
 nr= 7 gap=118 rms=0.74
 Locality: Becskeháza
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	27.4	263	Pg	9:37:44.23	-0.74
			Sg	37:47.50	-1.29
CRVS	62.2	46	Pg	9:37:51.15	-0.04
PSZ	97.2	227	Pg	9:37:58.46	1.01
			Sg	38:11.54	0.55
NIE	108.2	339	Pg	9:37:59.93	0.52
TRPA	132.1	109	Sn	9:38:21.40	-0.51

99.

2018-02-05 time: 11:45:26.00 UTC ML= 1.7
 lat: 48.126N lon: 18.955E h= 0.0 km
 erh= 1.8km erz= 892km
 nr= 21 gap= 93 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	12.3	15	PgU	11:45:28.86	0.65
			Sg	45:30.73	0.81
PENC	44.6	147	Pg	11:45:34.55	0.58
			Sg	45:40.55	0.37
A338	46.6	255	Pg	11:45:34.75	0.42
			Sg	45:41.22	0.40
SRO	59.2	234	Sg	11:45:44.60	-0.23
PSZ	73.8	108	Pg	11:45:39.46	0.28
			Sg	45:49.23	-0.22
PKSG	92.0	207	Pg	11:45:43.84	1.41
			Sg	45:54.37	-0.87
CSKK	99.6	212	Pg	11:45:43.91	0.12
			Sg	45:56.78	-0.87
PKST	118.7	216	Pg	11:45:47.23	0.04
			Sg	46:01.80	-1.92
LANS	120.0	18	ePg	11:45:46.80	-0.63
			eSg	46:01.00	-3.15*
KECS	120.3	71	Pg	11:45:46.64	-0.84
			Sg	46:02.63	-1.60
MODS	127.6	282	ePg	11:45:49.40	0.61
			eSg	46:03.80	-2.77

100.

2018-02-05 time: 12:17:25.10 UTC ML= 1.3
 lat: 46.041N lon: 18.028E h= 0.0 km
 erh= 3.1km erz= 533km
 nr= 9 gap=243 rms=0.40
 Locality: Szentlőrinc
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	7.6	47	PgU	12:17:27.15	0.69
			Sg	17:28.00	0.47
PKSV	24.3	134	Pg	12:17:29.45	0.02
PKSM	51.0	68	Pg	12:17:34.44	0.23
			Sg	17:40.81	-0.51
MORH	51.4	68	Pg	12:17:34.44	0.16
			Sg	17:40.82	-0.62
PKS9	63.7	18	Pg	12:17:36.03	-0.44
PKB4	67.3	41	Pg	12:17:36.94	-0.18

2018-02-05 time: 12:53:47.32 UTC ML= 1.8
 lat: 47.845N lon: 16.016E h= 6.1 km
 erh= 3.0km erz= 2.9km
 nr= 18 gap= 82 rms=1.10
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
CONA	14.8	309	Pg	12:53:50.59	0.42
			Sg	53:52.72	0.32
RONA	26.5	128	Pg	12:53:52.37	0.20
			Sg	53:55.87	-0.09
SOP	44.4	114	Pg	12:53:54.27	-1.05
ARSA	75.8	209	Pg	12:54:00.38	-0.52
			Sg	54:09.79	-1.70
MODS	110.8	58	ePg	12:54:07.70	0.57
			eSg	54:20.50	-2.08
MOA	131.0	270	Pn	12:54:10.60	0.69
			Sn	54:25.76	-1.77
MPLH	137.1	123	Pn	12:54:12.19	1.52
KRUC	138.2	12	Pn	12:54:10.30	-0.50
			Sn	54:27.40	-1.72
VRAC	168.2	15	Pn	12:54:16.18	1.63
			Sn	54:35.34	-0.44
BIOA	179.1	265	Pn	12:54:17.42	1.52
			Sn	54:41.11	2.91

102.

2018-02-06 time: 10:32:11.65 UTC ML= 1.3
 lat: 47.403N lon: 18.393E h= 0.0 km
 erh= 1.8km erz= 3.6km
 nr= 7 gap=193 rms=0.65
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	1.2	188	Pg	10:32:12.32	0.46
			Sg	32:12.68	0.65
CSKK	10.9	246	Pg	10:32:13.63	0.03
			Sg	32:15.09	-0.03
PKST	31.5	239	Sg	10:32:20.96	-0.68
BUD	48.4	79	Pg	10:32:20.34	0.04
PKSM	133.7	172	Sn	10:32:50.93	-2.92

103.

2018-02-06 time: 11:43:41.17 UTC ML= 1.6
 lat: 45.505N lon: 17.760E h= 11.6 km
 erh= 3.1km erz= 1.5km
 nr= 11 gap=239 rms=0.33
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	57.3	42	Pg	11:43:51.96	0.35
			Sg	43:59.86	0.10
KOVH	70.0	22	Pg	11:43:53.69	-0.16
			Sg	44:03.70	-0.04
PKSM	104.2	41	P*	11:43:59.09	-0.59
			S*	44:14.12	0.00
MORH	104.7	41	P*	11:43:59.61	-0.14
			S*	44:14.64	0.39
PTJ	147.1	287	Sn	11:44:23.24	-0.46
CRES	183.1	281	Pn	11:44:09.89	0.35
			Sn	44:32.35	0.68

Földrengés paraméterek

Hypocenter Parameters

104.

2018-02-07 time: 8:29:35.64 UTC ML= 1.1
 lat: 47.291N lon: 18.331E h= 0.0 km
 erh= 1.8km erz= 591km
 nr= 9 gap=147 rms=0.44
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	9.7	326	Pg	8:29:37.28	-0.08
			Sg	29:38.34	-0.37
PKSG	12.1	22	PgU	8:29:37.85	0.06
			Sg	29:39.34	-0.14
PKST	22.8	261	Pg	8:29:39.89	0.19
			Sg	29:43.04	0.16
MORH	121.9	169	Sg	8:30:14.06	-0.32
PKSM	122.3	169	Pg	8:29:58.36	0.88
			Sg	30:13.28	-1.23

105.

2018-02-07 time: 11:37:51.33 UTC ML= 1.4
 lat: 46.133N lon: 18.049E h= 0.0 km
 erh= 2.0km erz= 476km
 nr= 10 gap=202 rms=0.37
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	6.3	141	Pg	11:37:52.45	-0.01
			Sg	37:53.19	-0.15
PKSV	31.4	150	Pg	11:37:56.88	-0.06
PKSM	46.6	79	Pg	11:37:59.71	0.06
			Sg	38:05.78	-0.36
MORH	46.9	79	Pg	11:37:59.67	-0.04
			Sg	38:05.83	-0.41
PKB4	58.8	47	Pg	11:38:02.25	0.41
PKB5	73.7	46	Pg	11:38:05.52	1.02
TIH	86.1	352	Pg	11:38:06.30	-0.41

106.

2018-02-07 time: 12:02:46.58 UTC ML= 1.5
 lat: 48.702N lon: 21.506E h= 0.0 km
 erh= 2.2km erz= 5.0km
 nr= 10 gap= 94 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	22.5	352	Pg	12:02:50.20	-0.41
			Sg	02:53.37	-0.38
KOLS	61.9	65	Pg	12:02:58.02	0.38
			Sg	03:05.11	-1.16
KECS	79.1	252	Pg	12:03:00.70	-0.01
			Sg	03:10.96	-0.76
STHS	81.8	346	Pg	12:03:01.66	0.47
			Sg	03:14.16	1.58
TRPA	99.4	130	Sg	12:03:17.64	-0.55
LTVH	149.3	169	Sn	12:03:33.49	1.24

107.

2018-02-07 time: 13:17:07.51 UTC ML= 1.6
 lat: 48.582N lon: 20.741E h= 0.0 km
 erh= 3.3km erz= 910km
 nr= 10 gap=164 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.8	240	Pg	13:17:11.55	0.15
			Sg	17:14.13	-0.31

CRVS	63.9	56	Pg	13:17:18.61	-0.30
			Sg	17:26.84	-0.96
PSZ	96.9	220	Pg	13:17:24.83	0.01
			Sg	17:38.51	0.19
NIE	98.2	341	Pg	13:17:26.35	1.31
STHS	99.9	22	Pg	13:17:26.11	0.77
LANS	112.8	304	Pg	13:17:27.32	-0.33
			Sg	17:41.76	-1.59

108.

2018-02-08 time: 9:08:18.56 UTC ML= 1.3
 lat: 47.309N lon: 17.645E h= 0.0 km
 erh= 0.9km erz= 1.5km
 nr= 6 gap=187 rms=0.11
 Locality: Homokbödöge
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	17.4	207	Pg	9:08:21.57	-0.09
			Sg	08:24.08	0.00
PKST	30.0	101	Pg	9:08:24.06	0.15
			Sg	08:27.90	-0.19
A338	94.8	34	Pg	9:08:35.48	-0.01
PKSM	143.8	148	Pn	9:08:43.61	0.09

109.

2018-02-08 time: 10:39:08.89 UTC ML= 1.2
 lat: 47.099N lon: 18.033E h= 0.0 km
 erh= 0.7km erz= 286km
 nr= 12 gap=127 rms=0.23
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.8	0	Pg	10:39:11.73	-0.33
			Sg	39:14.41	-0.13
CSKK	34.0	30	Pg	10:39:14.87	-0.10
			Sg	39:20.13	0.42
MPLH	38.3	282	Pg	10:39:15.80	0.08
			Sg	39:21.20	0.15
PKSG	42.3	40	Pg	10:39:16.23	-0.22
			Sg	39:22.64	0.30
MORH	108.8	155	Pg	10:39:28.47	0.16
			Sg	39:43.23	-0.23
PKSM	109.1	155	Pg	10:39:28.65	0.28
			Sg	39:43.29	-0.27

110.

2018-02-08 time: 10:47:57.20 UTC ML= 0.9
 lat: 47.232N lon: 18.264E h= 0.0 km
 erh= 0.9km erz= 321km
 nr= 9 gap=122 rms=0.24
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	14.6	359	Pg	10:47:59.89	0.07
			Sg	48:02.16	0.30
PKST	17.7	280	Pg	10:47:59.98	-0.38
			Sg	48:02.73	-0.09
PKSG	20.2	28	Pg	10:48:00.46	-0.36
			Sg	48:03.83	0.20
MPLH	55.3	263	Pg	10:48:07.24	0.15
			Sg	48:15.06	0.27
PKB1	63.9	141	Sg	10:48:17.54	0.02

Hypocenter Parameters

Földrengés paraméterek

111.
 2018-02-08 time: 10:51:32.30 UTC ML= 1.2
 lat: 48.544N lon: 20.853E h= 0.0 km
 erh= 6.9km erz= 7.9km
 nr= 6 gap=152 rms=0.87
 Locality: Hidvégyardó
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	28.0	256	Pg	10:51:36.74			-0.56
			Sg		51:40.07		-1.13
CRVS	59.9	48	Pg	10:51:43.44			0.45
PSZ	99.6	226	Pg	10:51:51.56			1.47
			Sg		52:03.82		-0.14
TRPA	133.2	110	Sn	10:52:13.62			-0.76

112.
 2018-02-09 time: 9:07:05.86 UTC ML= 1.8
 lat: 48.613N lon: 20.741E h= 0.0 km
 erh= 4.6km erz= 5.0km
 nr= 9 gap=160 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.7	233	Pg	9:07:10.46			0.36
			Sg		07:13.05		-0.35
CRVS	62.0	59	Pg	9:07:17.23			0.30
			Sg		07:25.01		-0.55
STHS	96.7	22	Pg	9:07:23.28			0.16
			Sg		07:35.35		-1.24
PSZ	99.6	219	Sg	9:07:36.93			-0.58
PENC	141.9	230	Pn	9:07:30.37			-0.21
OJC	191.3	339	Pn	9:07:38.06			1.31

113.
 2018-02-09 time: 13:04:26.33 UTC ML= 1.0
 lat: 46.135N lon: 18.045E h= 0.0 km
 erh= 0.6km erz= 102km
 nr= 7 gap=238 rms=0.07
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	6.7	141	PgU	13:04:27.48			-0.05
			Sg		04:28.42		-0.04
PKSM	46.8	80	Pg	13:04:34.77			0.09
			Sg		04:41.10		-0.10
MORH	47.1	79	Pg	13:04:34.83			0.09
			Sg		04:41.30		0.00
PKS9	53.3	20	Pg	13:04:35.81			-0.04

114.
 2018-02-09 time: 14:57:47.16 UTC ML= 1.2
 lat: 47.115N lon: 18.119E h= 0.0 km
 erh= 1.6km erz= 523km
 nr= 10 gap=137 rms=0.41
 Locality: Berhida
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	17.3	338	Pg	14:57:49.63			-0.61
			Sg		57:52.36		-0.29
TIH	29.4	216	Pg	14:57:52.31			-0.11
CSKK	29.6	21	Pg	14:57:52.42			-0.02
			Sg		57:56.93		0.36
MPLH	44.4	278	Pg	14:57:55.53			0.44
			Sg		58:01.30		0.02
MORH	107.7	158	Pg	14:58:06.61			0.22
PKSM	108.0	158	Pg	14:58:06.73			0.28

115.
 2018-02-09 time: 18:29:06.73 UTC ML= 0.7
 lat: 47.336N lon: 18.537E h= 13.6 km
 erh= 4.9km erz= 3.8km
 nr= 10 gap=134 rms=0.25
 Locality: Lovasberény
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSG	12.7	299	PgU	18:29:10.19			0.14
			Sg		29:12.20		-0.45
CSKK	21.1	278	Pg	18:29:11.49			0.27
			Sg		29:14.64		-0.08
STA1	27.3	74	Pg	18:29:12.01			-0.18
			Sg		29:16.60		0.16
PKST	39.0	257	Pg	18:29:14.46			0.36
			Sg		29:19.45		-0.40
MORH	124.8	176	Sn	18:29:43.69			-0.16
PKSM	125.2	176	Sn	18:29:43.93			-0.01

116.
 2018-02-09 time: 22:50:07.85 UTC ML= 0.2
 lat: 47.368N lon: 18.070E h= 3.3 km
 erh= 3.6km erz= 8.7km
 nr= 6 gap=251 rms=0.06
 Locality: Súr
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKST	12.4	192	Pg	22:50:10.18			0.03
			Sg		50:11.92		-0.02
CSKK	14.4	92	Pg	22:50:10.51			0.01
			Sg		50:12.48		-0.08
PKSG	24.4	84	Pg	22:50:12.19			-0.06
			Sg		50:15.80		0.12

117.
 2018-02-10 time: 8:29:34.63 UTC ML= 1.6
 lat: 47.650N lon: 18.005E h= 0.0 km
 erh= 1.5km erz= 2.6km
 nr= 28 gap= 64 rms=0.96
 Locality: Bábolna
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	29.4	52	Pg	8:29:40.79			0.90
			Sg		29:44.68		0.69
A339	32.9	307	Pg	8:29:42.05			1.53
CSKK	37.2	149	Pg	8:29:41.47			0.19
			Sg		29:47.27		0.81
PKSG	40.8	135	Pg	8:29:42.29			0.37
			Sg		29:49.16		1.55
PKST	43.5	177	Pg	8:29:42.25			-0.15
			Sg		29:48.59		0.13
EGYH	56.9	243	Pg	8:29:45.26			0.47
			Sg		29:53.10		0.38
MPLH	63.8	213	Pg	8:29:45.87			-0.16
			Sg		29:54.79		-0.14
ZST	90.8	312	eSg	8:30:03.40			-0.09
MODS	97.1	326	ePg	8:29:52.70			0.73
			eSg		30:04.90		-0.60
A336	98.6	49	Pg	8:29:52.52			0.28
			Sg		30:04.43		-1.55
PKB1	113.2	148	Pg	8:29:55.09			0.24
			Sg		30:09.22		-1.39
PKB5	129.7	155	Sg	8:30:13.68			-2.18
PSZ	144.7	78	Sn	8:30:17.34			-1.93
PKSM	167.0	163	Pn	8:30:00.82			-1.67
			Sn		30:23.21		-1.01
KOVH	173.7	178	Sn	8:30:25.91			0.20

Földrengés paraméterek

KRUC 197.2 323 Pn 8:30:04.93 -1.33
 Sn 30:27.37 -3.56
 MORC 239.0 352 Sn 8:30:37.48 -2.72

118.

2018-02-10 time: 9:12:22.38 UTC ML= 1.7
 lat: 48.606N lon: 20.740E h= 0.0 km
 erh= 1.2km erz= 1.6km
 nr= 14 gap=108 rms=0.37
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.2	234	Pg	9:12:26.76	0.23
			Sg	12:29.49	-0.28
CRVS	62.4	58	Pg	9:12:33.69	0.16
STHS	97.4	22	Pg	9:12:40.17	0.40
			Sg	12:53.77	-0.07
PSZ	99.0	219	Pg	9:12:40.56	0.51
			Sg	12:53.77	-0.07
LANS	111.2	303	Pg	9:12:42.41	0.17
			Sg	12:57.28	-0.45
KOLS	118.4	72	Sg	9:12:59.52	-0.51
A336	135.4	252	Pn	9:12:46.09	-0.21
			Sn	13:04.21	-0.74
PENC	141.4	230	Pn	9:12:47.40	0.36
TRPA	143.5	112	Pn	9:12:46.89	-0.41
			Sn	13:04.01	-2.73*

119.

2018-02-10 time: 9:35:18.09 UTC ML= 0.6
 lat: 46.159N lon: 18.290E h= 0.0 km
 erh= 1.4km erz= 297km
 nr= 8 gap=195 rms=0.21
 Locality: Vasas
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	16.6	242	Pg	9:35:20.96	-0.10
			Sg	35:23.76	0.39
PKSM	27.8	78	Pg	9:35:22.85	-0.21
			Sg	35:27.10	0.17
MORH	28.1	77	Pg	9:35:22.97	-0.14
			Sg	35:27.45	0.42
PKSV	30.2	186	Pg	9:35:23.46	-0.02
			Sg	35:27.52	-0.16

120.

2018-02-10 time: 12:31:33.45 UTC ML= 1.8
 lat: 46.270N lon: 19.829E h= 5.6 km
 erh= 1.8km erz= 2.0km
 nr= 31 gap= 80 rms=0.69
 Locality: Zákányszék
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKS6	41.9	331	Pg	12:31:41.28	0.28
			Sg	31:47.48	0.59
PKB3	51.7	289	Pg	12:31:43.12	0.38
			Sg	31:49.94	-0.05
PKS2	53.4	297	Pg	12:31:43.62	0.58
			Sg	31:51.05	0.52
PKB2	63.7	315	Pg	12:31:44.88	0.02
			Sg	31:52.99	-0.78
AMBH	69.6	83	Pg	12:31:46.73	0.81
			Sg	31:54.47	-1.18
PKSN	69.7	2	Sg	12:31:54.36	-1.33
PKB5	91.5	293	Pg	12:31:50.23	0.41
			Sg	32:02.70	0.12
MORH	91.6	266	Pg	12:31:49.51	-0.33
			Sg	32:01.93	-0.69
PKSM	91.9	266	Pg	12:31:49.56	-0.33
			Sg	32:02.10	-0.60

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Hypocenter Parameters

PKB4 97.6 285 Pg 12:31:51.27 0.37
 Sg 32:03.84 -0.67
 PKB1 98.0 306 Pg 12:31:51.02 0.05
 Sg 32:02.03 -2.61
 PKS7 100.4 329 Pg 12:31:51.65 0.24
 Sg 32:04.53 -0.88
 FRGS 126.2 181 Sn 12:32:11.41 -1.29
 PKSV 129.2 251 Pn 12:31:55.88 0.00
 KOVH 135.1 261 Pn 12:31:57.17 0.55
 Sn 32:14.56 -0.12
 BZS 156.5 118 Pn 12:32:01.19 1.90
 Sn 32:18.49 -0.95
 PKSG 166.1 319 Pn 12:32:01.96 1.47
 Sn 32:21.78 0.21

121.

2018-02-11 time: 4:08:43.83 UTC ML= 0.6
 lat: 47.482N lon: 18.344E h= 10.0 km
 erh= 3.6km erz= 1.8km
 nr= 9 gap=197 rms=0.46
 Locality: Oroszlány
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	10.6	161	Pg	4:08:46.45	0.02
			Sg	08:47.99	-0.47
CSKK	14.6	206	PgD	4:08:47.15	0.16
			Sg	08:49.49	0.04
PKST	34.1	223	Pg	4:08:50.81	0.65
			Sg	08:55.43	0.32
STA1	41.6	102	Sg	4:08:57.41	-0.02
EGYH	76.7	265	Sg	4:09:06.94	-1.46
PKSM	143.0	171	Sn	4:09:25.45	-0.35

122.

2018-02-12 time: 7:57:42.35 UTC ML= 1.5
 lat: 47.438N lon: 18.416E h= 0.0 km
 erh= 2.7km erz= 2.8km
 nr= 11 gap=211 rms=0.95
 Locality: Várgesztes
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	5.5	200	Pg	7:57:44.18	0.85
			Sg	57:44.55	0.45
CSKK	14.4	234	Pg	7:57:45.47	0.55
			Sg	57:46.82	-0.11
PKST	35.0	235	Pg	7:57:48.88	0.27
			Sg	57:53.00	-0.49
STA3	45.1	86	Sg	7:57:56.52	-0.16
PKB1	78.1	159	Sg	7:58:08.00	0.82
MORH	137.0	173	Sn	7:58:22.37	-2.91
PKSM	137.4	173	Pn	7:58:06.26	-0.26
			Sn	58:22.50	-2.87

123.

2018-02-12 time: 8:56:26.88 UTC ML= 1.2
 lat: 47.617N lon: 18.474E h= 0.0 km
 erh= 4.5km erz= 538km
 nr= 8 gap=206 rms=0.38
 Locality: Vértestolna
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	25.8	194	Pg	8:56:31.73	0.25
			Sg	56:34.35	-0.72
CSKK	32.5	210	Pg	8:56:33.01	0.34
			Sg	56:36.49	-0.71
A338	45.2	348	Pg	8:56:34.98	0.03
			Sg	56:40.97	-0.28
PKST	51.8	220	Pg	8:56:36.50	0.37
			Sg	56:43.39	0.05

Hypocenter Parameters

Földrengés paraméterek

124.

2018-02-12 time: 8:59:38.28 UTC ML= 1.4
 lat: 48.515N lon: 20.809E h= 0.0 km
 erh= 7.6km erz= ***km
 nr= 6 gap=178 rms=0.77
 Locality: Tornaszentandrás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.1	262	Pg	8:59:41.96			-0.63
			Sg	59:44.92			-1.03
CRVS	64.5	48	Pg	8:59:49.14			-0.66
PSZ	94.9	226	Pg	8:59:55.97			0.74
			Sg	9:00:08.84			0.39
NIE	106.9	340	Pg	8:59:58.39			1.02

125.

2018-02-12 time: 10:28:05.09 UTC ML= 1.5
 lat: 48.710N lon: 19.882E h= 0.0 km
 erh= 4.2km erz= ***km
 nr= 8 gap=151 rms=0.91
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	51.1	120	Pg	10:28:15.05			0.83
			Sg	28:20.21			-1.13
A336	84.1	231	Sg	10:28:31.49			-0.33
NIE	84.9	22	Pg	10:28:21.31			1.06
			Sg	28:30.82			-1.26
PSZ	88.0	179	Pg	10:28:21.64			0.84
			Sg	28:32.18			-0.88
PENC	111.5	204	Sg	10:28:39.96			-0.58

126.

2018-02-12 time: 11:04:27.74 UTC ML= 0.4
 lat: 47.306N lon: 18.512E h= 10.0 km
 erh= 1.6km erz= 3.3km
 nr= 9 gap=204 rms=0.23
 Locality: Lovasberény
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSG	13.2	316	PgU	11:04:30.60			-0.09
			Sg	04:32.68			-0.32
CSKK	20.0	288	Pg	11:04:31.75			0.02
			Sg	04:35.09			0.24
PKST	36.5	262	Pg	11:04:34.62			0.12
			Sg	04:39.89			0.12
PKB1	61.8	160	Sg	11:04:47.51			-0.14
PKB5	80.9	168	Sg	11:04:54.11			0.46
PKB4	90.3	176	Sg	11:04:56.22			-0.41

127.

2018-02-13 time: 10:27:18.04 UTC ML= 0.9
 lat: 47.958N lon: 20.375E h= 0.0 km
 erh= 3.7km erz= 441km
 nr= 6 gap=255 rms=0.87
 Locality: Felsőtárkány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	36.2	263	Pg	10:27:25.42			0.92
			Sg	27:29.19			-0.35
KECS	59.0	8	Pg	10:27:28.88			0.31
			Sg	27:36.13			-0.66
A336	107.0	287	Pg	10:27:37.59			0.45
			Sg	27:49.88			-2.16

128.

2018-02-13 time: 11:04:14.02 UTC ML= 1.0
 lat: 46.179N lon: 18.398E h= 0.0 km
 erh= 2.4km erz= 346km
 nr= 7 gap=305 rms=0.23
 Locality: Zengővárkony
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSM	19.1	79	Pg	11:04:17.42			-0.01
			Sg	04:20.03			-0.07
MORH	19.4	78	Pg	11:04:17.67			0.18
			Sg	04:20.13			-0.06
PKB4	38.7	24	Pg	11:04:20.78			-0.15
			Sg	04:26.98			0.66
PKB1	73.8	24	Sg	11:04:37.20			-0.28

129.

2018-02-13 time: 11:06:34.72 UTC ML= 1.2
 lat: 47.215N lon: 18.281E h= 0.0 km
 erh= 1.6km erz= 564km
 nr= 12 gap=130 rms=0.46
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	16.5	355	Pg	11:06:37.30			-0.36
			Sg	06:39.78			-0.18
PKST	19.3	285	Pg	11:06:37.84			-0.31
			Sg	06:40.43			-0.41
PKSG	21.3	23	Pg	11:06:38.73			0.21
			Sg	06:41.84			0.35
TIH	45.8	220	Pg	11:06:43.89			1.00
MPLH	56.4	265	Pg	11:06:45.19			0.41
PKB5	77.2	153	Pg	11:06:48.55			0.05
MORH	114.6	166	Sg	11:07:10.78			-0.35
PKSM	114.9	166	Pg	11:06:55.28			0.04
			Sg	07:09.98			-1.27

130.

2018-02-13 time: 12:28:10.73 UTC ML= 1.4
 lat: 45.882N lon: 18.275E h= 0.0 km
 erh= 4.8km erz= 775km
 nr= 10 gap=255 rms=0.62
 Locality: Máriagyűd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	1.9	292	Pg	12:28:10.50			-0.58
			Sg	28:11.32			-0.02
KOVH	26.7	329	Pg	12:28:15.70			0.21
			Sg	28:18.60			-0.61
PKSM	46.4	38	Pg	12:28:19.05			0.04
			Sg	28:25.15			-0.32
MORH	46.8	38	Pg	12:28:19.04			-0.06
			Sg	28:25.40			-0.22
PKB4	72.9	20	Pg	12:28:26.07			2.33
PKB1	107.9	22	Pg	12:28:30.15			0.14

131.

2018-02-13 time: 12:56:34.23 UTC ML= 1.2
 lat: 48.636N lon: 20.857E h= 0.0 km
 erh= 1.4km erz= 1.6km
 nr= 11 gap=126 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	32.2	238	Pg	12:56:40.91			0.93
			Sg	56:44.87			0.40

Földrengés paraméterek

Hypocenter Parameters

CRVS 53.4 56 Pg 12:56:43.96 0.20
 Sg 56:51.09 -0.11
 STHS 91.3 18 Pg 12:56:50.64 0.10
 Sg 57:03.01 -0.25
 PSZ 107.1 222 Pg 12:56:53.68 0.33
 Sg 57:08.17 -0.09
 KOLS 109.2 72 Sg 12:57:09.05 0.11
 TRPA 136.7 114 Sn 12:57:14.50 -2.59
 A336 144.6 252 Sn 12:57:17.26 -1.58

132.

2018-02-14 time: 7:41:43.18 UTC ML= 1.0
 lat: 47.323N lon: 18.435E h= 0.0 km
 erh= 2.1km erz= 528km
 nr= 8 gap=196 rms=0.37
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	8.3	336	Pg	7:41:44.78			0.12
			Sg	41:45.42			-0.40
CSKK	13.9	289	Pg	7:41:45.90			0.24
			Sg	41:47.20			-0.39
PKST	31.1	257	Pg	7:41:49.41			0.68
			Sg	41:52.72			-0.35
MORH	124.1	173	Sg	7:42:22.26			-0.37
PKSM	124.6	173	Sg	7:42:22.77			0.00

133.

2018-02-14 time: 9:24:05.48 UTC ML= 1.6
 lat: 47.104N lon: 17.959E h= 0.0 km
 erh= 2.0km erz= 918km
 nr= 21 gap= 93 rms=0.83
 Locality: Kádárta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	18.1	18	Pg	9:24:08.32			-0.39
			Sg	24:11.78			0.55
TIH	23.3	193	Pg	9:24:09.79			0.15
MPLH	32.7	283	Pg	9:24:11.71			0.39
			Sg	24:16.62			0.75
CSKK	36.7	38	Pg	9:24:11.78			-0.25
			Sg	24:17.00			-0.15
PKB1	72.7	119	Pg	9:24:19.78			1.32
			Sg	24:30.18			1.59
PKB5	81.9	134	Pg	9:24:21.15			1.04
			Sg	24:32.19			0.67
PKB4	83.6	144	Pg	9:24:20.69			0.28
			Sg	24:31.86			-0.19
A338	105.5	16	Pg	9:24:24.31			-0.01
			Sg	24:37.33			-1.68
MORH	111.8	152	Pg	9:24:24.94			-0.51
			Sg	24:39.45			-1.57
PKSM	112.1	152	Pg	9:24:25.04			-0.46
			Sg	24:39.47			-1.64
KOVH	113.5	175	Pg	9:24:25.73			-0.01
			Sg	24:39.92			-1.62

134.

2018-02-14 time: 14:45:55.57 UTC ML= 1.7
 lat: 46.804N lon: 17.316E h= 0.0 km
 erh= 2.0km erz= 899km
 nr= 17 gap=117 rms=0.79
 Locality: Keszthely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	44.1	23	Pg	14:46:03.91			0.46
			Sg	46:07.51			-2.09
EGYH	68.2	1	Sg	14:46:17.24			-0.01
PKST	74.4	47	Pg	14:46:08.49			-0.37

sta	dist	azm	phase	hr	mn	sec	res
PKS9	77.5	108	Sg	14:46:21.70			1.51
KOGS	90.7	244	Sg	14:46:24.37			-0.04
CSKK	94.9	49	Pg	14:46:13.21			0.69
			Sg	46:26.40			0.66
KOVH	99.7	143	Pg	14:46:13.26			-0.13
			Sg	46:27.21			-0.07
PKB4	104.3	109	Sg	14:46:28.38			-0.35
PKSG	104.5	51	Sg	14:46:29.05			0.25
PKB5	111.0	102	Sg	14:46:30.11			-0.75
PKB1	112.7	91	Sg	14:46:30.42			-0.97
PKSM	121.1	123	Pg	14:46:17.24			0.04
			Sg	46:30.26			-3.81

135.

2018-02-14 time: 23:51:30.04 UTC ML= 1.7
 lat: 47.373N lon: 18.387E h= 11.2 km
 erh= 1.8km erz= 1.3km
 nr= 26 gap= 90 rms=0.77
 Locality: Gánt
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSG	2.1	7	PgU	23:51:31.44			-0.64
			Sg	51:32.08			-1.58
CSKK	9.6	264	PgD	23:51:32.57			-0.11
			Sg	51:34.35			-0.38
PKST	29.5	245	PgD	23:51:35.60			-0.08
			Sg	51:40.15			0.07
STA1	37.7	84	Pg	23:51:37.68			0.61
			Sg	51:42.70			0.15
SRO	49.3	354	Sg	23:51:46.66			0.55
MPLH	68.0	251	Pg	23:51:42.72			0.38
			Sg	51:52.70			0.76
PKB1	72.3	155	Pg	23:51:43.42			0.31
			Sg	51:52.12			-1.18
PKS9	87.7	185	Pg	23:51:47.32			1.48
PKB5	90.5	163	PgD	23:51:47.23			0.91
			Sg	51:58.76			-0.25
PKB4	98.8	170	P*	23:51:48.26			0.49
			S*	52:00.07			-1.53
PKB2	101.3	140	P*	23:51:48.81			0.67
A336	106.1	26	Pn	23:51:48.84			-0.03
			Sn	52:02.27			-1.29
PKB3	122.1	150	Sn	23:52:07.37			0.25
MORH	130.1	171	Pn	23:51:51.99			0.12
			Sn	52:07.40			-1.49
PKSM	130.5	171	PnD	23:51:52.00			0.08
			Sn	52:07.26			-1.72

136.

2018-02-15 time: 8:06:03.65 UTC ML= 1.0
 lat: 47.288N lon: 18.340E h= 0.0 km
 erh= 1.4km erz= 416km
 nr= 8 gap=151 rms=0.29
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	10.3	324	Pg	8:06:05.47			-0.02
			Sg	06:06.46			-0.46
PKSG	12.2	18	PgU	8:06:05.98			0.15
			Sg	06:07.60			0.07
PKST	23.3	262	Pg	8:06:07.94			0.12
			Sg	06:11.25			0.19
PKSM	121.8	169	Pg	8:06:25.50			0.10
			Sg	06:40.91			-1.46

Hypocenter Parameters

Földrengés paraméterek

137.

2018-02-15 time: 10:15:38.68 UTC ML= 1.4
 lat: 48.530N lon: 20.808E h= 0.0 km
 erh= 2.2km erz= 2.1km
 nr= 9 gap=141 rms=0.48
 Locality: Bódvalenke
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.3	258	Pg	10:15:43.52	0.49
			Sg	15:46.31	-0.11
CRVS	63.5	49	Pg	10:15:50.29	0.28
			Sg	15:58.96	0.11
PSZ	96.1	225	Pg	10:15:56.32	0.49
			Sg	16:08.86	-0.35
KOLS	116.8	67	Sg	10:16:15.35	-0.45
TRPA	135.9	109	Sn	10:16:20.74	-0.61
VYHS	145.7	268	Sn	10:16:22.30	-1.24

138.

2018-02-15 time: 10:58:11.09 UTC ML= 1.4
 lat: 47.562N lon: 18.493E h= 0.0 km
 erh= 2.6km erz= 935km
 nr= 14 gap= 96 rms=0.79
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	20.4	202	Pg	10:58:14.96	0.23
			Sg	58:17.27	-0.30
CSKK	28.2	218	Pg	10:58:16.38	0.26
			Sg	58:20.07	0.02
SRO	31.1	334	ePg	10:58:16.40	-0.24
			eSg	58:23.40	2.43
PKST	48.3	226	Pg	10:58:20.10	0.39
			Sg	58:26.25	-0.18
MPLH	84.1	239	Sg	10:58:36.55	-1.29
PKB1	89.3	165	Pg	10:58:28.39	1.34
			Sg	58:38.97	-0.52
VYHS	106.8	14	Pg	10:58:30.98	0.81
			Sg	58:43.91	-1.13
PSZ	112.4	69	Sg	10:58:45.31	-1.50

139.

2018-02-15 time: 11:05:42.17 UTC ML= 0.9
 lat: 47.211N lon: 18.295E h= 0.0 km
 erh= 1.4km erz= 391km
 nr= 8 gap=147 rms=0.28
 Locality: Moha
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.1	351	Pg	11:05:45.05	-0.17
			Sg	05:47.44	-0.16
PKST	20.4	285	Pg	11:05:45.48	-0.34
			Sg	05:48.70	0.03
PKSG	21.3	20	Pg	11:05:45.93	-0.05
			Sg	05:49.00	0.05
A339	83.9	325	Pg	11:05:57.79	0.63
PKSM	114.2	167	Sg	11:06:18.69	0.21

140.

2018-02-15 time: 11:13:02.06 UTC ML= 1.9
 lat: 48.835N lon: 21.244E h= 1.7 km
 erh= 2.7km erz= 4.1km
 nr= 14 gap= 95 rms=0.88
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
CRVS	17.6	65	Pg	11:13:05.58	0.36
			Sg	13:07.77	0.08
STHS	64.7	360	Pg	11:13:13.37	-0.25
			Sg	13:21.97	-0.67
KECS	68.2	235	Sg	11:13:21.33	-2.41
KOLS	76.3	82	Pg	11:13:16.18	0.50
			Sg	13:25.29	-1.02
TRPA	123.7	129	Pg	11:13:24.88	0.73
			Sg	13:39.56	-1.82
LANS	134.7	285	Pn	11:13:26.81	1.15
PSZ	142.8	224	Pn	11:13:26.81	0.14
			Sn	13:45.95	0.08
OJC	186.2	326	Pn	11:13:32.16	0.07
			Sn	13:57.09	1.58

141.

2018-02-15 time: 12:01:02.94 UTC ML= 1.3
 lat: 48.268N lon: 18.276E h= 0.0 km
 erh= 1.4km erz= 4.7km
 nr= 11 gap=140 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A337	36.2	266	Pg	12:01:09.24	-0.17
			Sg	01:14.74	0.28
VYHS	48.5	59	Pg	12:01:11.78	0.19
			Sg	01:17.99	-0.36
MODS	75.0	279	ePg	12:01:16.70	0.36
			eSg	01:27.10	0.32
ZST	87.6	265	Sg	12:01:29.95	-0.83
CSKK	100.6	181	Sg	12:01:35.96	1.03
BUD	103.6	147	Sg	12:01:35.42	-0.46
PKST	113.7	189	Sg	12:01:39.34	0.27
MPLH	134.0	204	Sn	12:01:43.29	-1.92

142.

2018-02-15 time: 14:25:11.04 UTC ML= 2.0
 lat: 47.075N lon: 17.292E h= 11.3 km
 erh= 2.3km erz= 1.5km
 nr= 24 gap=167 rms=0.75
 Locality: Szentimrefalva
 Comments:

sta	dist	azm	phase	hr mn sec	res
MPLH	21.5	60	PgD	14:25:14.78	-0.61
			Sg	25:18.70	-0.07
TIH	49.6	113	Pg	14:25:20.48	0.35
			Sg	25:26.58	-0.64
PKST	59.9	70	Pg	14:25:21.56	-0.36
			Sg	25:30.26	-0.15
BEHE	77.9	210	Pg	14:25:26.29	1.18
			Sg	25:35.87	-0.21
PKS9	92.8	126	Pg	14:25:28.31	0.58
			Sg	25:40.59	-0.15
KOGS	105.8	229	Pn	14:25:28.45	-1.37
			Sn	25:42.50	-1.97
PKB1	118.7	106	Pn	14:25:32.25	0.82
			Sn	25:46.80	-0.53
PKB4	119.0	123	Sn	14:25:45.91	-1.49
PKB5	122.3	116	Sn	14:25:48.12	-0.02
KOVH	125.9	151	Sn	14:25:48.40	-0.54
MORH	140.8	133	Pn	14:25:34.92	0.73
			Sn	25:52.63	0.39
PKSM	140.9	133	Pn	14:25:35.37	1.16
			Sn	25:52.65	0.38
GROS	152.9	243	Pn	14:25:36.11	0.42
			Sn	25:54.98	0.06
PERS	173.0	254	Sn	14:25:59.76	0.38

Földrengés paraméterek

Hypocenter Parameters

143.

2018-02-16 time: 10:01:16.78 UTC ML= 0.9
 lat: 46.160N lon: 18.309E h= 0.0 km
 erh= 1.2km erz= 384km
 nr= 11 gap=111 rms=0.31
 Locality: Zobákpusztá
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.1	244	Pg	10:01:19.71	-0.29
			Sg	01:22.71	0.19
PKSM	26.3	77	Pg	10:01:21.39	-0.08
			Sg	01:25.00	-0.13
MORH	26.6	77	Pg	10:01:21.39	-0.14
			Sg	01:25.44	0.21
PKSV	30.5	188	Pg	10:01:22.44	0.20
			Sg	01:26.68	0.19
PKB4	43.7	31	Sg	10:01:30.33	-0.34
PKB1	78.7	28	Sg	10:01:42.41	0.63
PKST	123.9	350	Sg	10:01:54.55	-1.62

144.

2018-02-16 time: 10:21:48.17 UTC ML= 1.7
 lat: 48.608N lon: 20.732E h= 0.0 km
 erh= 5.7km erz= 6.1km
 nr= 10 gap=147 rms=1.03
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.9	233	Pg	10:21:52.55	0.29
			Sg	21:55.22	-0.23
CRVS	62.8	59	Pg	10:21:59.60	0.21
			Sg	22:07.55	-0.58
PSZ	98.7	219	Sg	10:22:19.42	-0.14
LANS	110.6	303	Pg	10:22:08.12	0.20
KOLS	118.9	72	Sg	10:22:24.44	-1.53
VYHS	140.5	265	Pn	10:22:12.91	0.18
			Sn	22:30.06	-1.82
OJC	191.6	339	Pn	10:22:21.69	2.60

145.

2018-02-16 time: 10:41:52.96 UTC ML= 1.8
 lat: 47.486N lon: 18.674E h= 0.0 km
 erh= 1.8km erz= 3.7km
 nr= 17 gap= 67 rms=0.75
 Locality: Bicske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
STA1	18.2	119	Pg	10:41:56.99	0.77
			Sg	41:59.94	1.18
PKSG	23.8	244	Pg	10:41:57.55	0.34
			Sg	42:01.47	0.94
BUD	26.4	91	Sg	10:42:01.16	-0.19
CSKK	34.1	246	Pg	10:41:59.44	0.40
			Sg	42:03.98	0.19
PKB5	99.2	177	Pg	10:42:11.06	0.38
			Sg	42:22.90	-1.60
PSZ	103.5	62	Pg	10:42:11.60	0.16
			Sg	42:24.73	-1.12
PKB4	110.2	183	Pg	10:42:12.44	-0.20
			Sg	42:24.46	-3.53
VYHS	112.7	6	ePg	10:42:13.20	0.11
			eSg	42:27.60	-1.18
MORH	141.3	181	Pn	10:42:16.90	-0.71
MODS	143.6	313	eSn	10:42:36.40	-0.95

146.

2018-02-16 time: 10:53:50.74 UTC ML= 0.8
 lat: 47.209N lon: 18.279E h= 0.0 km
 erh= 2.4km erz= 676km
 nr= 8 gap=143 rms=0.50
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.2	355	Pg	10:53:53.84	0.04
			Sg	53:55.77	-0.43
PKST	19.4	287	Pg	10:53:54.60	0.41
			Sg	53:56.24	-0.65
PKSG	22.0	23	Pg	10:53:54.61	-0.05
			Sg	53:58.11	0.39
MPLH	56.2	266	Pg	10:54:01.38	0.60
PKSM	114.3	166	Sg	10:54:25.91	-1.15

147.

2018-02-16 time: 15:19:10.19 UTC ML= 1.5
 lat: 47.128N lon: 18.117E h= 0.0 km
 erh= 2.7km erz= 967km
 nr= 15 gap= 98 rms=0.83
 Locality: Berhida
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	15.9	337	PgU	15:19:12.70	-0.32
			Sg	19:14.75	-0.48
CSKK	28.3	23	Pg	15:19:15.40	0.15
			Sg	19:18.05	-1.14
MPLH	44.1	276	Sg	15:19:25.24	1.05
PKB1	64.0	127	Pg	15:19:21.94	0.32
PKB4	79.4	152	Pg	15:19:25.37	1.00
			Sg	19:36.65	1.21
PKB2	99.4	120	Pg	15:19:29.06	1.12
MORH	109.1	158	Pg	15:19:29.70	0.03
			Sg	19:43.44	-1.43
PKSM	109.5	158	Pg	15:19:29.75	0.02
			Sg	19:43.69	-1.29
KOVH	115.6	181	Pg	15:19:30.52	-0.30
			Sg	19:45.51	-1.41

148.

2018-02-19 time: 9:05:18.74 UTC ML= 1.3
 lat: 48.637N lon: 20.694E h= 0.0 km
 erh= 3.1km erz= 3.9km
 nr= 8 gap=154 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.0	222	Pg	9:05:22.82	-0.02
			Sg	05:25.52	-0.52
CRVS	63.7	62	Pg	9:05:29.78	-0.33
PSZ	99.5	217	Pg	9:05:36.72	0.22
LANS	106.5	302	Pg	9:05:38.66	0.90
			Sg	05:51.87	-0.73
VYHS	138.0	263	Pn	9:05:43.58	0.60
			Sn	06:01.23	-0.66

149.

2018-02-19 time: 10:09:13.25 UTC ML= 1.5
 lat: 46.250N lon: 18.480E h= 10.6 km
 erh= 0.9km erz= 0.8km
 nr= 19 gap= 99 rms=0.31
 Locality: Hidas
 Comments:

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
PKSM	13.1	109	Pg	10:09:16.13	-0.13
			Sg	09:18.59	-0.02
MORH	13.2	106	Pg	10:09:16.24	-0.03
			Sg	09:18.49	-0.14
PKB4	29.0	19	Pg	10:09:19.27	0.50
			Sg	09:23.36	0.28
KOVH	34.4	239	Pg	10:09:19.97	0.29
			Sg	09:24.23	-0.46
PKS9	40.6	338	Pg	10:09:20.64	-0.10
PKB5	43.1	27	Pg	10:09:21.19	0.01
			Sg	09:27.55	0.18
PKSV	43.8	204	Pg	10:09:21.73	0.43
			Sg	09:27.21	-0.37
PKB1	64.1	22	Pg	10:09:24.77	-0.08
			Sg	09:32.96	-0.94
PKST	117.3	343	Sn	10:09:48.56	-0.84
CSKK	124.9	352	Sn	10:09:51.09	-0.01
PKSG	127.2	357	Sn	10:09:51.78	0.19
PKSN	128.4	56	Sn	10:09:51.92	0.04

150.

2018-02-19 time: 10:59:29.43 UTC ML= 1.1
 lat: 46.129N lon: 18.046E h= 0.0 km
 erh= 1.5km erz= 299km
 nr= 10 gap=249 rms=0.23
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	6.1	137	PgU	10:59:30.71	0.19
			Sg	59:31.54	0.17
PKSV	31.1	149	Pg	10:59:34.76	-0.22
			Sg	59:39.25	-0.06
PKSM	46.9	79	Pg	10:59:37.94	0.14
			Sg	59:44.04	-0.29
MORH	47.2	78	Pg	10:59:37.98	0.13
			Sg	59:44.23	-0.19
PKB1	92.7	38	Pg	10:59:45.73	-0.25
			Sg	59:59.52	0.62

151.

2018-02-19 time: 11:02:58.15 UTC ML= 1.7
 lat: 45.793N lon: 18.427E h= 0.0 km
 erh= 4.9km erz= 8.5km
 nr= 13 gap=184 rms=1.15
 Locality: Beremend
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	17.2	308	Pg	11:03:01.38	0.16
			Sg	03:02.29	-1.33
KOVH	41.5	322	Sg	11:03:10.14	-1.19
			PgU	11:03:06.98	0.00
PKSM	49.4	20	Sg	03:12.36	-1.50
			PgU	11:03:06.99	-0.08
MORH	49.9	20	Sg	03:12.93	-1.09
			Pg	11:03:14.23	1.91
PKS9	89.0	353	Pg	11:03:15.39	1.35
PKB5	92.3	15	Pg	11:03:15.89	1.26
PKB1	113.7	14	Pg	11:03:19.08	0.62
			Sg	03:33.34	-0.96
FRGS	130.6	124	Sn	11:03:37.63	-2.02

152.

2018-02-19 time: 12:54:26.56 UTC ML= 1.4
 lat: 47.056N lon: 18.052E h= 0.0 km
 erh= 1.5km erz= 615km
 nr= 15 gap=110 rms=0.53
 Locality: Balatonfűzfő
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
TIH	21.1	215	Pg	12:54:30.67	0.34
			Sg	54:33.13	-0.14
PKST	22.7	357	PgU	12:54:30.06	-0.55
			Sg	54:33.02	-0.74
CSKK	37.7	25	Pg	12:54:33.37	0.08
			Sg	54:39.03	0.50
MPLH	40.9	288	Pg	12:54:34.13	0.26
			Sg	54:39.87	0.30
PKB5	73.1	134	Pg	12:54:41.89	2.28
MORH	103.8	154	Pg	12:54:45.04	-0.05
			Sg	54:59.15	-0.39
PKSM	104.1	154	Pg	12:54:45.39	0.24
			Sg	54:59.08	-0.56
KOVH	107.6	178	Pg	12:54:46.08	0.31
			Sg	54:59.86	-0.89

153.

2018-02-20 time: 10:36:05.82 UTC ML= 1.1
 lat: 48.637N lon: 20.744E h= 0.0 km
 erh= 2.7km erz= 3.4km
 nr= 11 gap=157 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.6	228	Pg	10:36:10.20	-0.19
			Sg	36:13.20	-0.76
CRVS	60.4	61	PgD	10:36:16.94	0.33
			Sg	36:24.97	-0.05
STHS	94.1	23	ePg	10:36:21.70	-0.92
PSZ	101.8	218	Pg	10:36:25.53	1.53
			Sg	36:37.66	-0.52
LANS	109.6	301	Pg	10:36:25.88	0.49
			Sg	36:41.12	0.47
A336	136.7	251	Sn	10:36:48.34	-0.34
VYHS	141.7	264	Sn	10:36:49.62	-0.17

154.

2018-02-20 time: 12:00:50.92 UTC ML= 1.8
 lat: 48.892N lon: 20.927E h= 2.2 km
 erh= 1.5km erz= 1.8km
 nr= 21 gap= 90 rms=0.64
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
CRVS	39.2	88	PgD	12:00:58.17	0.24
			Sg	01:02.95	-0.45
KECS	55.9	216	Pg	12:01:01.27	0.37
			Sg	01:08.08	-0.60
STHS	62.8	22	Pg	12:01:02.23	0.10
			Sg	01:10.69	-0.19
NIE	73.7	323	Pg	12:01:04.67	0.58
			Sg	01:13.66	-0.71
KOLS	98.8	87	Pg	12:01:09.22	0.65
			Sg	01:21.07	-1.26
LANS	110.5	285	Pg	12:01:10.69	0.03
			Sg	01:24.95	-1.10
PSZ	132.5	215	Pn	12:01:14.74	0.55
			Sn	01:31.00	-1.34
TRPA	146.2	125	Pn	12:01:16.37	0.48
			Sn	01:34.95	-0.42
A336	160.0	243	Sn	12:01:38.79	0.34
VYHS	160.1	254	Pn	12:01:17.50	-0.14
			Sn	01:38.35	-0.13
OJC	168.7	331	Pn	12:01:21.15	2.44
			Sn	01:41.35	0.97

Földrengés paraméterek

Hypocenter Parameters

155.

2018-02-20 time: 13:56:24.53 UTC ML= 1.9
 lat: 45.568N lon: 20.680E h= 18.6 km
 erh= 2.7km erz= 4.2km
 nr= 16 gap=138 rms=0.77
 Locality: Serbia
 Comments:

sta	dist	azm	phase	hr mn sec	res
BZS	73.3	86	P*	13:56:38.23	0.54
			S*	56:48.27	0.32
FRGS	83.4	235	P*	13:56:38.81	-0.40
			S*	56:48.86	-1.81
AMBH	87.0	2	P*	13:56:39.56	-0.22
			S*	56:50.68	-0.98
SIRR	108.8	44	PnC	13:56:42.82	0.07
			Sn	56:56.40	-0.55
SURR	114.5	80	PnC	13:56:43.79	0.33
			Sn	56:57.90	-0.33
GZR	165.1	97	Sn	13:57:09.20	-0.26
MORH	173.6	295	Sn	13:57:11.63	0.29
PKSM	173.6	294	Pn	13:56:53.00	2.17
			Sn	57:13.05	1.70
DRGR	207.7	49	Sn	13:57:19.30	0.40
MARR	225.2	57	Sn	13:57:23.10	0.30

156.

2018-02-21 time: 0:50:02.15 UTC ML= 0.6
 lat: 47.323N lon: 17.937E h= 5.6 km
 erh= 4.6km erz= 9.6km
 nr= 5 gap=199 rms=0.25
 Locality: Dudar
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKST	10.2	134	PgU	0:50:04.44	0.21
			Sg	50:05.83	-0.03
CSKK	24.9	80	Sg	0:50:10.05	-0.21
MPLH	34.5	241	Pg	0:50:08.62	0.22
			Sg	50:12.81	-0.45

157.

2018-02-21 time: 9:13:07.40 UTC ML= 1.1
 lat: 47.325N lon: 18.435E h= 0.0 km
 erh= 2.7km erz= 764km
 nr= 10 gap=197 rms=0.61
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.2	336	Pg	9:13:08.92	0.06
			Sg	13:09.19	-0.81
CSKK	13.9	288	PgU	9:13:10.16	0.28
			Sg	13:11.25	-0.56
PKST	31.2	256	Pg	9:13:13.79	0.82
			Sg	13:17.72	0.40
MPLH	70.0	256	Sg	9:13:27.79	-1.85
MORH	124.3	173	Sg	9:13:47.22	0.31
PKSM	124.7	173	Pg	9:13:29.82	0.15
			Sg	13:46.72	-0.32

158.

2018-02-21 time: 9:15:00.69 UTC ML= 1.2
 lat: 47.366N lon: 18.409E h= 0.0 km
 erh= 0.8km erz= 190km
 nr= 7 gap=171 rms=0.12
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	3.2	334	Pg	9:15:01.30	0.04
			Sg	15:01.69	-0.01
CSKK	11.2	268	Pg	9:15:02.76	0.07
			Sg	15:04.06	-0.19
PKST	30.7	247	Pg	9:15:06.38	0.21
			Sg	15:10.30	-0.15
STA3	46.9	76	Pg	9:15:08.97	-0.09

159.

2018-02-21 time: 9:56:00.02 UTC ML= 1.7
 lat: 48.557N lon: 20.756E h= 0.0 km
 erh= 3.2km erz= 3.0km
 nr= 13 gap=153 rms=0.75
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.6	248	Pg	9:56:04.38	0.51
			Sg	56:06.59	-0.28
CRVS	64.6	54	Pg	9:56:11.19	-0.35
			Sg	56:19.92	-0.61
PSZ	95.6	222	Pg	9:56:17.79	0.70
			Sg	56:30.77	0.37
NIE	101.2	341	Pg	9:56:19.87	1.79
LANS	115.3	305	Pg	9:56:20.07	-0.53
KOLS	119.2	69	Sg	9:56:37.15	-0.75
A336	135.0	255	Sn	9:56:41.82	-0.68
VYHS	142.0	267	Pn	9:56:24.74	-0.01
			Sn	56:42.57	-1.47
OJC	197.5	339	Pn	9:56:32.23	0.55

160.

2018-02-21 time: 10:01:10.79 UTC ML= 1.5
 lat: 47.634N lon: 18.482E h= 0.0 km
 erh= 2.8km erz= 4.7km
 nr= 16 gap=113 rms=1.18
 Locality: Tardosbánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	34.5	209	Pg	10:01:17.48	0.53
			Sg	01:20.32	-1.42
A338	43.4	347	Pg	10:01:19.95	1.41
PKST	53.7	219	Pg	10:01:20.77	0.39
			Sg	01:26.97	-0.88
PENC	62.5	74	Sg	10:01:30.58	-0.08
MPLH	87.9	234	Pg	10:01:27.91	1.43
			Sg	01:38.71	-0.01
PKB1	97.4	166	Pg	10:01:29.15	0.96
			Sg	01:42.51	0.76
VYHS	99.2	15	Pg	10:01:28.12	-0.38
			Sg	01:40.23	-2.08
PSZ	110.5	73	Sg	10:01:46.99	1.07
MORH	158.2	176	Sn	10:01:55.75	-2.67
PKSM	158.6	176	Pn	10:01:36.53	-1.07
			Sn	01:55.88	-2.64

161.

2018-02-22 time: 0:44:25.73 UTC ML= 1.7
 lat: 47.439N lon: 18.841E h= 11.3 km
 erh= 1.4km erz= 1.7km
 nr= 25 gap= 83 rms=0.71
 Locality: Biatorbágy
 Comments:

sta	dist	azm	phase	hr mn sec	res
STA3	13.2	77	Pg	0:44:29.56	0.72
			Sg	44:31.16	-0.10
BUD	14.6	70	Pg	0:44:28.98	-0.05
			Sg	44:30.98	-0.62
PKSG	34.4	261	Pg	0:44:32.54	0.34

Hypocenter Parameters

Földrengés paraméterek

		Sg	44:37.11	-0.13	
CSKK	44.6	259	Pg	0:44:34.74	0.79
		Sg	44:40.23	-0.14	
PKST	64.2	252	Sg	0:44:45.70	-0.74
PKB1	72.9	183	Pg	0:44:39.44	0.53
		Sg	44:48.34	-0.85	
A338	73.8	330	Pg	0:44:39.98	0.93
		Sg	44:49.22	-0.23	
A336	89.0	8	Pg	0:44:41.47	-0.29
		Sg	44:52.87	-1.39	
PKB2	90.3	160	Pg	0:44:43.08	1.09
		Sg	44:53.83	-0.84	
PKB5	94.2	185	Pg	0:44:42.77	0.09
		Sg	44:54.64	-1.25	
PSZ	95.3	56	Pg	0:44:43.82	0.95
		Sg	44:55.02	-1.23	
PKB4	106.4	190	Pn	0:44:44.92	0.34
		Sn	44:58.13	-1.16	
MORH	136.9	186	Sn	0:45:06.12	0.07
PKSM	137.3	186	Sn	0:45:06.18	0.03

162.

2018-02-22 time: 8:37:04.53 UTC ML= 1.6
 lat: 47.453N lon: 18.857E h= 10.0 km
 erh= 1.6km erz= 2.4km
 nr= 17 gap=108 rms=0.58
 Locality: Biatorbágy
 Comments:

sta	dist	azm	phase	hr mn sec	res
STA1	5.7	158	PgU	8:37:06.60	0.02
			Sg	37:07.44	-0.74
STA3	11.8	83	Sg	8:37:09.58	0.13
BUD	13.1	75	Pg	8:37:08.08	0.61
			Sg	37:10.02	0.26
PKSG	35.8	259	Pg	8:37:11.76	0.59
			Sg	37:16.04	-0.31
CSKK	46.1	257	Pg	8:37:13.17	0.22
			Sg	37:19.12	-0.40
PENC	49.3	40	Pg	8:37:13.60	0.09
PKB1	74.5	184	Pg	8:37:18.31	0.36
			Sg	37:27.50	-0.92
A336	87.4	7	Pg	8:37:20.54	0.30
			Sg	37:31.53	-0.96
PSZ	93.5	56	Sg	8:37:33.59	-0.84
PKB5	95.8	186	Pg	8:37:22.60	0.87
			Sg	37:33.87	-1.28

163.

2018-02-22 time: 9:30:42.39 UTC ML= 1.6
 lat: 47.716N lon: 18.699E h= 0.0 km
 erh= 3.7km erz= 5.8km
 nr= 13 gap=169 rms=0.83
 Locality: Tokod
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	42.9	213	Pg	9:30:50.13	0.08
			Sg	30:56.26	0.24
CSKK	51.3	220	Pg	9:30:51.86	0.31
			Sg	30:58.85	0.16
PKST	71.4	225	Pg	9:30:54.75	-0.38
			Sg	31:04.93	-0.15
VYHS	87.1	7	ePg	9:30:59.90	1.97
			eSg	31:08.20	-1.86
PKB1	103.9	176	Pg	9:31:01.83	0.90
			Sg	31:14.86	-0.54
PKB5	124.7	179	Sg	9:31:20.84	-1.18
MODS	128.8	305	ePg	9:31:04.50	-0.88
PKSM	167.3	182	Sn	9:31:31.40	-0.64

164.

2018-02-22 time: 10:27:48.91 UTC ML= 1.8
 lat: 48.228N lon: 18.773E h= 0.0 km
 erh= 2.1km erz= 7.3km
 nr= 14 gap= 68 rms=0.92
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	16.8	88	PgU	10:27:52.38	0.47
			Sg	27:54.97	0.73
VYHS	30.0	9	Pg	10:27:54.91	0.65
			Sg	27:58.85	0.42
A338	39.2	233	Pg	10:27:56.72	0.80
			Sg	28:03.05	1.67
PENC	61.7	142	Sg	10:28:08.75	0.24
PSZ	90.4	112	Sg	10:28:17.13	-0.50
PKSG	97.3	197	Sg	10:28:19.41	-0.41
CSKK	103.5	202	Sg	10:28:20.54	-1.27
PKST	121.1	207	Sg	10:28:26.54	-0.87
ZST	124.2	268	Sg	10:28:26.68	-1.71
KECS	130.1	77	Sg	10:28:29.37	-0.88
MORC	194.4	332	Sn	10:28:42.57	-2.00

165.

2018-02-22 time: 11:30:35.71 UTC ML= 1.6
 lat: 47.447N lon: 18.844E h= 8.5 km
 erh= 2.2km erz= 2.8km
 nr= 14 gap=156 rms=0.58
 Locality: Biatorbágy
 Comments:

sta	dist	azm	phase	hr mn sec	res
STA1	5.5	146	PgU	11:30:37.55	0.03
			Sg	30:38.49	-0.44
STA3	12.9	81	Sg	11:30:41.13	0.52
BUD	14.2	73	Pg	11:30:39.13	0.47
			Sg	30:40.94	-0.02
PKSG	34.7	260	Sg	11:30:47.12	0.04
CSKK	45.0	258	Pg	11:30:44.73	0.84
			Sg	30:49.86	-0.41
PKST	64.6	251	Sg	11:30:55.51	-0.92
PKB1	73.7	183	Pg	11:30:49.46	0.49
			Sg	30:58.26	-1.05
PSZ	94.7	56	Pg	11:30:52.75	0.06
			Sg	31:04.27	-1.67
PKS9	104.8	204	Pg	11:30:54.66	0.17

166.

2018-02-23 time: 1:32:27.29 UTC ML= 1.0
 lat: 45.851N lon: 18.127E h= 10.7 km
 erh= 1.9km erz= 1.1km
 nr= 11 gap=289 rms=0.26
 Locality: Rádfalva
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	10.6	67	Pg	1:32:29.98	0.00
			Sg	32:32.33	0.25
KOVH	26.4	355	Pg	1:32:32.28	-0.11
			Sg	32:36.25	-0.11
PKSM	56.5	45	PgD	1:32:37.42	-0.14
			Sg	32:45.32	-0.26
MORH	57.0	45	PgD	1:32:37.49	-0.16
			Sg	32:45.45	-0.27
PKB4	80.6	27	Pg	1:32:42.57	0.75
			Sg	32:53.45	0.30
PKB1	115.7	26	Sn	1:33:03.12	0.06

Földrengés paraméterek

Hypocenter Parameters

167.

2018-02-23 time: 10:29:28.31 UTC ML= 1.4
 lat: 47.437N lon: 18.713E h= 8.6 km
 erh= 2.9km erz= 2.2km
 nr= 11 gap=106 rms=0.60
 Locality: Etyek
 Comments:

sta	dist	azm	phase	hr mn sec	res
STA1	13.4	105	Sg	10:29:32.98	-0.39
PKSG	24.8	258	Pg	10:29:33.80	0.79
			Sg	29:36.55	-0.12
CSKK	35.1	257	Pg	10:29:34.94	0.17
			Sg	29:38.66	-1.15
PKST	55.0	249	Pg	10:29:38.77	0.52
			Sg	29:45.07	-0.93
MPLH	93.6	252	Sg	10:29:58.35	0.17
VYHS	117.9	4	Pn	10:29:49.52	0.58
			Sn	30:04.24	-0.80
PKSM	136.3	182	Sn	10:30:09.04	-0.08

168.

2018-02-23 time: 12:18:34.78 UTC ML= 0.7
 lat: 47.249N lon: 18.239E h= 0.0 km
 erh= 2.9km erz= 949km
 nr= 9 gap=109 rms=0.73
 Locality: Kincsésbánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	12.8	7	Pg	12:18:37.04	-0.03
			Sg	18:39.72	0.86
PKST	15.6	274	Pg	12:18:37.21	-0.34
			Sg	18:40.24	0.52
PKSG	19.6	36	Pg	12:18:37.71	-0.57
			Sg	18:41.05	0.04
PKB1	66.6	141	Pg	12:18:47.70	1.04
PKSM	119.3	165	Pg	12:18:55.80	-0.27
			Sg	19:10.29	-2.40

169.

2018-02-24 time: 8:46:49.76 UTC ML= 1.6
 lat: 47.630N lon: 18.033E h= 11.1 km
 erh= 1.1km erz= 1.3km
 nr= 28 gap= 87 rms=0.56
 Locality: Bábolna
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	34.3	150	Pg	8:46:56.13	-0.06
			Sg	47:01.65	0.44
A339	36.0	308	Pg	8:46:56.93	0.45
			Sg	47:02.43	0.71
PKSG	37.8	135	Pg	8:46:56.80	0.01
			Sg	47:01.63	-0.64
PKST	41.2	180	Pg	8:46:56.88	-0.51
			Sg	47:03.28	-0.06
A338	49.0	29	Pg	8:46:59.27	0.53
			Sg	47:06.65	0.90
EGYH	57.9	246	Sg	8:47:08.05	-0.44
MPLH	63.3	216	Pg	8:47:00.92	-0.31
			Sg	47:10.54	0.36
TIH	81.8	187	Pg	8:47:04.92	0.41
			Sg	47:15.38	-0.64
ZST	93.8	312	Pg	8:47:06.68	0.05
			Sg	47:19.18	-0.61
A336	98.5	47	P*	8:47:07.33	-0.13
			S*	47:20.68	-0.59
MODS	100.1	326	eP*	8:47:07.50	-0.20
			eS*	47:20.60	-1.10
PKB1	110.2	149	Pn	8:47:10.19	1.06
			Sn	47:24.50	0.27

VYHS	113.2	32	Pn	8:47:08.88	-0.62
			Sn	47:22.69	-2.20
PKSM	164.3	164	Pn	8:47:16.84	0.97
KRUC	200.2	323	Pn	8:47:19.87	-0.48
			Sn	47:41.62	-2.59*

170.

2018-02-24 time: 10:16:09.24 UTC ML= 0.8
 lat: 46.144N lon: 18.301E h= 0.0 km
 erh= 2.3km erz= 660km
 nr= 11 gap=170 rms=0.54
 Locality: Vasas
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSM	27.3	74	Pg	10:16:13.74	-0.38
			Sg	16:17.95	0.02
MORH	27.7	73	Pg	10:16:13.83	-0.35
			Sg	16:18.73	0.69
PKSV	28.6	188	Pg	10:16:14.03	-0.32
			Sg	16:19.17	0.83
PKB4	45.6	31	Sg	10:16:23.18	-0.56
PKS9	49.3	358	Sg	10:16:24.75	-0.17
PKB5	60.3	34	Sg	10:16:30.02	1.61
PKB1	80.6	28	Pg	10:16:23.89	0.26
			Sg	16:34.47	-0.39

171.

2018-02-25 time: 2:15:29.09 UTC ML= 0.7
 lat: 47.423N lon: 18.504E h= 10.0 km
 erh= 1.6km erz= 1.1km
 nr= 14 gap=172 rms=0.43
 Locality: Csákvár
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	9.2	248	PgD	2:15:31.41	-0.11
			Sg	15:32.92	-0.50
CSKK	19.6	250	Pg	2:15:33.07	0.05
			Sg	15:36.25	0.17
STA1	28.7	94	Sg	2:15:39.17	0.41
PKST	39.9	243	Pg	2:15:36.42	-0.02
			Sg	15:42.49	0.32
PKB1	74.2	163	Sg	2:15:53.12	0.22
PKB5	93.7	169	Sg	2:15:58.93	-0.10
PKB4	103.2	176	S*	2:16:01.42	-0.63
PSZ	118.1	62	Sn	2:16:04.86	-0.68
PKB3	122.8	155	Pn	2:15:51.62	1.45
MORH	134.6	175	Sn	2:16:09.43	0.23
PKSM	135.0	176	Sn	2:16:08.98	-0.32

172.

2018-02-25 time: 8:00:26.05 UTC ML= 0.2
 lat: 47.377N lon: 18.102E h= 0.1 km
 erh= 7.1km erz= 614km
 nr= 6 gap=244 rms=0.17
 Locality: Nagyveleg
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	12.1	97	PgU	8:00:28.13	-0.08
			Sg	00:29.70	-0.19
PKST	14.0	201	Pg	8:00:28.51	-0.05
			Sg	00:30.47	-0.05
PKSG	21.9	86	Pg	8:00:30.33	0.37
			Sg	00:32.97	-0.03

Hypocenter Parameters

Földrengés paraméterek

173.

2018-02-25 time: 13:16:31.31 UTC ML= 1.8
 lat: 48.448N lon: 17.067E h= 0.0 km
 erh= 9.5km erz=11.4km
 nr= 7 gap=149 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	28.2	175	Pg	13:16:36.57			0.24
			Sg	16:39.61			-0.65
KRUC	84.2	324	Pg	13:16:46.85			0.50
			Sg	16:57.48			-0.60
VRAC	101.8	340	Pg	13:16:50.10			0.62
			Sg	17:02.98			-0.67
VYHS	130.9	88	Sn	13:17:12.72			-0.17

174.

2018-02-26 time: 8:13:25.24 UTC ML= 0.9
 lat: 47.246N lon: 17.669E h= 3.5 km
 erh= 4.1km erz=24.9km
 nr= 6 gap=143 rms=0.56
 Locality: Németbánya
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
MPLH	12.9	229	Pg	8:13:27.32			-0.31
			Sg	13:29.22			-0.28
PKST	27.7	87	Pg	8:13:30.58			0.36
			Sg	13:33.63			-0.47
EGYH	31.8	307	Pg	8:13:31.94			0.98
			Sg	13:34.78			-0.64

175.

2018-02-26 time: 9:08:14.56 UTC ML= 1.5
 lat: 47.094N lon: 18.021E h= 0.0 km
 erh= 1.2km erz= 494km
 nr= 14 gap=114 rms=0.42
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	18.4	3	Pg	9:08:17.20			-0.64
			Sg	08:20.25			-0.15
TIH	23.7	204	Sg	9:08:22.66			0.58
CSKK	35.0	31	Pg	9:08:20.80			-0.01
			Sg	08:25.91			0.23
MPLH	37.5	283	Pg	9:08:21.26			0.01
			Sg	08:26.33			-0.14
PKSG	43.4	40	Sg	9:08:28.97			0.63
A339	86.2	341	Pg	9:08:30.19			0.23
MORH	108.7	154	Pg	9:08:34.00			0.03
			Sg	08:48.24			-0.86
PKSM	109.0	154	Pg	9:08:34.29			0.27
			Sg	08:48.17			-1.03
KOVH	112.0	177	Pg	9:08:34.84			0.29

176.

2018-02-26 time: 9:09:32.47 UTC ML= 1.3
 lat: 48.590N lon: 20.748E h= 0.0 km
 erh= 6.4km erz= 4.6km
 nr= 7 gap=164 rms=0.36
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.7	239	Pg	9:09:36.63			0.10
			Sg	09:39.07			-0.62
CRVS	62.9	56	Pg	9:09:43.42			-0.29
PSZ	97.9	220	Pg	9:09:50.39			0.43

			Sg	10:03.63			0.03
VYHS	141.6	266	Pn	9:09:57.56			0.40
			Sn	10:16.03			-0.39

177.

2018-02-26 time: 11:04:05.18 UTC ML= 2.0
 lat: 48.157N lon: 16.896E h= 0.0 km
 erh= 1.6km erz= 2.4km
 nr= 18 gap= 80 rms=0.73
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	16.0	74	Pg	11:04:08.80			0.76
			Sg	04:10.32			0.06
MODS	37.2	50	ePg	11:04:12.10			0.27
			eSg	04:17.70			0.69
RONA	67.8	221	Pg	11:04:17.14			-0.14
			Sg	04:26.05			-0.67
CONA	81.2	252	Pg	11:04:19.71			0.03
			Sg	04:29.98			-1.01
EGYH	88.5	158	Sg	11:04:33.07			-0.24
KRUC	107.2	340	Sg	11:04:39.40			0.14
MPLH	119.9	156	Sg	11:04:43.28			-0.01
VRAC	130.0	350	Pg	11:04:28.60			0.21
			Sg	04:45.08			-1.42
PKST	131.4	139	Sn	11:04:45.56			-1.31
ARSA	144.1	226	Pn	11:04:31.65			1.46
			Sn	04:51.52			1.83
VYHS	148.7	75	Sn	11:04:50.17			-0.54
MOA	199.2	260	Sn	11:05:01.40			-0.51

178.

2018-02-26 time: 11:30:38.85 UTC ML= 1.6
 lat: 48.149N lon: 18.954E h= 10.0 km
 erh= 1.8km erz= 1.7km
 nr= 17 gap= 66 rms=0.72
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
A336	9.9	20	PgU	11:30:41.48			0.12
			Sg	30:43.53			0.20
VYHS	39.4	347	Pg	11:30:46.91			0.81
			Sg	30:50.80			-0.95
PENC	46.8	148	Pg	11:30:48.03			0.64
			Sg	30:53.43			-0.62
A338	47.2	252	Pg	11:30:47.84			0.37
			Sg	30:54.24			0.04
PSZ	74.7	110	Pg	11:30:52.33			0.03
			Sg	31:01.63			-1.16
PKSG	94.2	207	Pg	11:30:56.56			0.80
			Sg	31:07.04			-1.92
KECS	119.5	72	Pn	11:30:59.30			-0.20
			Sn	31:15.36			-0.25
PKST	120.7	215	Sn	11:31:14.83			-1.04
MODS	127.0	281	ePn	11:31:01.40			0.96
			eSn	31:16.30			-0.98

179.

2018-02-27 time: 9:18:13.58 UTC ML= 1.4
 lat: 48.543N lon: 20.809E h= 0.0 km
 erh= 2.4km erz= 2.4km
 nr= 11 gap=115 rms=0.52
 Locality: Bódvalenke
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.8	254	Pg	9:18:18.35			0.34
			Sg	18:21.12			-0.35
CRVS	62.4	50	Pg	9:18:25.19			0.47
			Sg	18:32.90			-0.52

Földrengés paraméterek

Hypocenter Parameters

PSZ 97.2 224 Pg 9:18:31.55 0.61
 Sg 18:44.10 -0.38
 STHS 102.2 18 Pg 9:18:32.01 0.18
 KOLS 116.1 68 Sg 9:18:50.18 -0.30
 TRPA 136.2 110 Sn 9:18:55.45 -0.88
 VYHS 145.9 268 Pn 9:18:39.16 0.36
 Sn 18:56.97 -1.51

A336 127.3 348 Pg 16:43:23.82 -0.74

180.

2018-02-27 time: 9:25:42.34 UTC ML= 1.2
 lat: 48.577N lon: 20.797E h= 0.0 km
 erh= 6.4km erz= 958km
 nr= 5 gap=176 rms=0.43
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.3	246	Pg	9:25:46.79	-0.06
CRVS	60.8	54	Pg	9:25:53.71	0.51
			Sg	26:01.95	0.29
NIE	100.1	339	Pg	9:26:00.04	-0.17
KOLS	115.5	70	Sg	9:26:18.13	-0.94

181.

2018-02-27 time: 16:17:25.89 UTC ML= 1.5
 lat: 47.127N lon: 19.292E h= 0.0 km
 erh= 3.6km erz= 978km
 nr= 17 gap=179 rms=0.86
 Locality: Kunpeszér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKS7	13.3	229	Pg	16:17:28.84	0.57
			Sg	17:30.62	0.50
BUD	44.6	333	Pg	16:17:34.61	0.76
PKB1	53.8	225	Pg	16:17:35.66	0.16
PKB5	72.8	216	Pg	16:17:39.86	0.98
			Sg	17:49.97	0.95
PENC	73.8	359	Pg	16:17:40.26	1.19
PKB4	87.6	217	Pg	16:17:41.55	0.02
PKST	96.5	279	Pg	16:17:43.25	0.14
			Sg	17:54.50	-2.05
PSZ	99.0	27	Pg	16:17:43.12	-0.45
			Sg	17:55.97	-1.39
MORH	112.7	206	Pg	16:17:45.78	-0.24
			Sg	17:59.87	-1.86
PKSM	113.2	206	Pg	16:17:45.81	-0.30
			Sg	18:00.34	-1.54
A336	125.0	350	Pg	16:17:48.02	-0.18

182.

2018-02-27 time: 16:43:01.83 UTC ML= 1.7
 lat: 47.113N lon: 19.353E h= 0.0 km
 erh= 5.6km erz= ***km
 nr= 14 gap=165 rms=0.91
 Locality: Örkény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKS7	16.3	243	Pg	16:43:04.68	-0.06
			Sg	43:07.69	0.67
PKB2	49.5	190	Pg	16:43:13.18	2.51
PKB1	56.2	229	Pg	16:43:12.25	0.39
PKB5	74.4	219	Pg	16:43:15.92	0.81
			Sg	43:25.66	0.18
PENC	75.5	356	Pg	16:43:16.04	0.73
PKB4	89.3	220	Pg	16:43:17.90	0.13
PSZ	98.4	24	Pg	16:43:18.98	-0.41
MORH	113.6	209	Pg	16:43:21.49	-0.61
			Sg	43:36.35	-1.57
PKSM	114.1	209	PgU	16:43:21.66	-0.53
			Sg	43:36.15	-1.93

183.

2018-02-28 time: 8:15:34.08 UTC ML= 1.3
 lat: 47.276N lon: 18.417E h= 0.0 km
 erh= 0.7km erz= 179km
 nr= 8 gap=180 rms=1.20
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	13.1	351	PgU	8:15:35.25	-1.16
			Sg	15:36.02	-2.21
CSKK	15.3	309	PgU	8:15:36.52	-0.29
			Sg	15:38.13	-0.81
PKST	29.0	266	Pg	8:15:39.86	0.60
			Sg	15:44.10	0.81
MORH	119.1	172	Sg	8:16:13.60	1.67
PKSM	119.5	172	Sg	8:16:13.70	1.64

184.

2018-02-28 time: 9:38:13.26 UTC ML= 1.2
 lat: 48.662N lon: 20.695E h= 0.0 km
 erh= 6.0km erz= 4.4km
 nr= 9 gap=162 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.2	218	Pg	9:38:17.86	0.10
			Sg	38:20.42	-0.84
CRVS	62.3	65	Pg	9:38:24.95	0.56
			Sg	38:33.33	0.26
PSZ	101.8	216	Pg	9:38:31.91	0.47
KOLS	119.8	75	Sg	9:38:50.14	-1.19
A336	134.3	249	Sn	9:38:55.06	-0.52
VYHS	138.5	262	Pn	9:38:38.33	0.77
			Sn	38:55.58	-0.93

185.

2018-02-28 time: 11:42:50.74 UTC ML= 1.7
 lat: 48.828N lon: 21.616E h= 0.0 km
 erh= 2.6km erz= 5.3km
 nr= 12 gap=96 rms=0.87
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	14.0	306	PgU	11:42:52.62	-0.63
			Sg	42:54.59	-0.61
KOLS	49.6	76	Pg	11:43:00.79	1.19
			Sg	43:04.41	-2.10
KECS	91.7	245	Pg	11:43:07.65	0.54
			Sg	43:18.31	-1.57
TRPA	103.3	139	Pg	11:43:08.84	-0.35
			Sg	43:23.49	-0.10
NIE	115.6	305	Pg	11:43:11.59	0.21
			Sg	43:28.00	0.52
KWP	119.6	42	Sg	11:43:29.61	0.85
PSZ	162.8	232	Sn	11:43:40.28	0.89

186.

2018-02-28 time: 14:21:13.60 UTC ML= 1.8
 lat: 47.120N lon: 19.341E h= 0.0 km
 erh= 3.4km erz= 521km
 nr= 12 gap=183 rms=0.43
 Locality: Örkény
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
PKS7	15.9	239	Pg	14:21:16.53	0.09
			Sg	21:18.31	-0.34
PKB1	56.0	228	Pg	14:21:23.64	0.03
PKB5	74.4	218	Pg	14:21:27.65	0.76
			Sg	21:37.17	-0.09
PENC	74.6	357	Pg	14:21:27.90	0.97
PKB4	89.3	219	Pg	14:21:29.81	0.26
PSZ	98.0	25	Pg	14:21:30.87	-0.23
PKS9	100.4	234	Pg	14:21:31.42	-0.11
MORH	113.8	208	Pg	14:21:33.53	-0.40
PKSM	114.3	208	Pg	14:21:33.63	-0.38
A336	126.3	348	Pg	14:21:35.64	-0.52

187.

2018-02-28 time: 14:48:08.31 UTC ML= 1.8
 lat: 47.137N lon: 19.326E h= 0.0 km
 erh= 3.5km erz= 4.0km
 nr= 12 gap=103 rms=1.03
 Locality: Örkény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKS7	16.1	232	Pg	14:48:11.51	0.33
			Sg	48:13.36	-0.05
PKB1	56.5	226	Pg	14:48:18.81	0.41
PENC	72.7	357	Pg	14:48:23.13	1.83
PKB5	75.2	217	Pg	14:48:23.10	1.35
PKB4	90.1	218	Pg	14:48:24.86	0.46
PSZ	96.8	26	Pg	14:48:25.87	0.27
MORH	115.0	207	Pg	14:48:28.70	-0.14
PKSM	115.4	207	Pg	14:48:28.53	-0.40
AMBH	138.2	129	Pn	14:48:31.06	-1.51
A339	147.6	301	Pn	14:48:31.44	-2.30
EGYH	154.1	282	Pn	14:48:33.87	-0.69

188.

2018-03-01 time: 8:53:07.72 UTC ML= 1.2
 lat: 47.547N lon: 18.566E h= 0.0 km
 erh= 7.4km erz= 7.1km
 nr= 9 gap=167 rms=0.76
 Locality: Nagygyháza
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	21.7	217	Pg	8:53:12.11	0.51
			Sg	53:15.16	0.53
CSKK	30.8	228	Pg	8:53:13.23	0.01
			Sg	53:17.38	-0.13
PKST	51.3	231	Pg	8:53:16.86	-0.03
			Sg	53:23.43	-0.61
VYHS	107.2	11	Pg	8:53:28.09	1.22
			Sg	53:40.44	-1.36
PKSM	148.5	178	Sn	8:53:51.70	-1.51

189.

2018-03-02 time: 2:37:40.89 UTC ML= 1.2
 lat: 47.657N lon: 18.611E h= 19.4 km
 erh= 1.8km erz= 1.4km
 nr= 13 gap=110 rms=0.43
 Locality: Bajna
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	33.8	209	Pg	2:37:47.97	0.12
			Sg	37:52.74	-0.54
CSKK	42.0	219	Pg	2:37:49.23	0.08
			Sg	37:55.29	-0.30
A338	44.3	334	Sg	2:37:57.11	0.83
PENC	52.5	73	P*	2:37:50.55	-0.25
			S*	37:58.97	0.45
PKST	62.0	225	P*	2:37:52.46	0.21

sta	dist	azm	phase	hr mn sec	res
A336	70.4	24	P*	2:37:53.83	0.31
			S*	38:02.06	-1.32
VYHS	94.6	10	S*	2:38:09.35	-0.60
PKB1	97.9	172	Sn	2:38:11.02	0.29
LJU	359.4	240	iPn	2:38:31.02	0.76*

190.

2018-03-02 time: 8:55:12.50 UTC ML= 1.4
 lat: 48.616N lon: 20.729E h= 0.0 km
 erh= 2.4km erz= 2.9km
 nr= 12 gap=146 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.3	231	Pg	8:55:16.81	0.15
			Sg	55:19.06	-0.84
CRVS	62.5	59	Pg	8:55:23.49	-0.18
			Sg	55:31.53	-0.85
STHS	96.7	23	Pg	8:55:30.50	0.73
PSZ	99.3	219	Pg	8:55:30.17	-0.06
			Sg	55:44.10	0.04
LANS	110.0	303	Pg	8:55:32.48	0.34
KOLS	118.8	73	Pg	8:55:34.44	0.72
			Sg	55:49.51	-0.76
VYHS	140.4	264	Pn	8:55:37.32	0.27
			Sn	55:55.55	-0.64

191.

2018-03-02 time: 10:00:46.00 UTC ML= 1.5
 lat: 47.839N lon: 19.846E h= 0.0 km
 erh= 2.1km erz= 3.4km
 nr= 13 gap=146 rms=0.81
 Locality: Gyöngyöstarján
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	9.6	22	Pg	10:00:47.99	0.28
			Sg	00:49.36	0.32
PENC	42.6	263	Pg	10:00:54.47	0.86
			Sg	01:00.81	1.27
A336	76.9	305	Sg	10:01:10.07	-0.37
KECS	86.0	34	Sg	10:01:13.60	0.26
VYHS	104.7	314	Pg	10:01:04.91	0.22
			Sg	01:17.18	-2.08
PKSN	104.7	179	Sg	10:01:19.86	0.59
PKSG	120.2	246	Sg	10:01:23.89	-0.30
CSKK	130.4	246	Sg	10:01:26.63	-0.83
PKB2	137.3	199	Sn	10:01:27.72	-1.27
PKB1	141.7	214	Sn	10:01:28.97	-1.01

192.

2018-03-02 time: 11:00:56.20 UTC ML= 1.5
 lat: 48.168N lon: 16.900E h= 0.0 km
 erh= 2.3km erz= 4.0km
 nr= 18 gap= 88 rms=1.01
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	15.3	78	Pg	11:00:59.39	0.45
			Sg	01:00.60	-0.48
MODS	36.1	51	ePg	11:01:03.10	0.45
			eSg	01:07.50	-0.19
SOP	59.7	205	Pg	11:01:07.86	1.01
			Sg	01:15.07	-0.09
A337	66.7	83	Sg	11:01:15.41	-1.98
RONA	68.9	221	Pg	11:01:08.26	-0.25
			Sg	01:16.84	-1.27
CONA	81.9	251	Pg	11:01:10.82	-0.01
			Sg	01:21.39	-0.85

Földrengés paraméterek

Hypocenter Parameters

Station	Dist	Azm	Phase	hr mn sec	res
EGYH	89.5	159	Sg	11:01:25.70	1.04
KRUC	106.1	339	Sg	11:01:30.12	0.18
VRAC	128.8	350	Sg	11:01:35.79	-1.35
ARSA	145.2	225	Sn	11:01:40.06	-0.89
VYHS	148.0	76	ePn	11:01:23.80	2.11
			eSn	01:38.50	-3.08
MORC	185.0	15	Sn	11:01:51.80	2.02

193.

2018-03-02 time: 11:59:51.43 UTC ML= 1.9
 lat: 48.882N lon: 20.929E h= 0.0 km
 erh= 2.0km erz= 2.2km
 nr= 21 gap= 90 rms=0.87
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	39.1	87	Pg	11:59:58.50	0.09
			Sg	12:00:03.54	-0.32
KECS	55.1	216	Pg	11:60:01.37	0.11
			Sg	60:08.37	-0.57
STHS	63.7	21	Pg	11:60:02.86	0.05
			Sg	60:11.11	-0.57
NIE	74.7	323	Pg	11:60:06.42	1.65
			Sg	60:14.44	-0.73
KOLS	98.7	87	Pg	11:60:09.69	0.63
			Sg	60:23.32	0.51
LANS	111.0	286	Pg	11:60:10.35	-0.89
			Sg	60:26.13	-0.57
PSZ	131.7	216	PnU	11:60:15.05	0.16
			Sn	60:31.54	-1.64
TRPA	145.4	125	Sn	11:60:34.85	-1.38
KWP	154.0	57	Sn	11:60:37.88	-0.24
A336	159.7	243	Sn	11:60:39.76	0.37
VYHS	160.0	254	Pn	11:60:19.95	1.54
			Sn	60:38.23	-1.23
OJC	169.7	331	Pn	11:60:20.97	1.34
			Sn	60:41.30	-0.32

194.

2018-03-02 time: 14:00:22.77 UTC ML= 1.9
 lat: 47.088N lon: 19.371E h= 0.0 km
 erh= 2.6km erz= 747km
 nr= 14 gap= 96 rms=0.63
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKS7	16.6	254	PgU	14:00:26.14	0.40
			Sg	00:27.89	-0.16
PKSN	43.3	119	Pg	14:00:30.30	-0.20
PKB2	47.0	192	Pg	14:00:30.53	-0.63
PKB1	55.5	233	Pg	14:00:32.86	0.18
PKB5	73.1	222	Pg	14:00:37.43	1.60
			Sg	00:44.91	-1.11
PENC	78.4	355	Pg	14:00:37.56	0.78
PKB4	88.0	222	Pg	14:00:38.98	0.48
PKS9	100.2	236	Pg	14:00:40.27	-0.40
PSZ	100.4	23	Pg	14:00:40.47	-0.24
MORH	111.7	210	Pg	14:00:43.05	0.32
			Sg	00:58.07	-0.22
A336	130.4	348	Pg	14:00:45.06	-1.00

195.

2018-03-02 time: 14:26:15.42 UTC ML= 1.9
 lat: 47.078N lon: 19.416E h= 0.0 km
 erh= 1.7km erz= 5.1km
 nr= 14 gap= 91 rms=0.50
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKS7	19.7	260	Pg	14:26:18.66	-0.27
			Sg	26:21.77	0.10
PKSN	39.8	120	Sg	14:26:28.50	0.42
BSZH	69.1	69	Pg	14:26:27.41	-0.35
PKB5	74.7	224	Pg	14:26:29.28	0.52
			Sg	26:40.26	1.11
PENC	79.9	353	Pg	14:26:30.08	0.39
PSZ	100.2	21	Pg	14:26:32.97	-0.34
PKS9	102.5	238	Pg	14:26:33.27	-0.45
MORH	112.6	212	Pg	14:26:35.69	0.16
			Sg	26:49.62	-1.59
PKSM	113.1	212	Pg	14:26:35.44	-0.18
			Sg	26:50.70	-0.66
A339	156.8	302	Pn	14:26:42.54	0.53

196.

2018-03-03 time: 9:05:45.88 UTC ML= 1.3
 lat: 48.626N lon: 20.740E h= 0.0 km
 erh= 2.0km erz= 3.2km
 nr= 10 gap=159 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.6	230	Pg	9:05:50.52	0.24
			Sg	05:53.32	-0.39
CRVS	61.2	60	Pg	9:05:57.44	0.63
			Sg	06:04.41	-0.93
PSZ	100.7	219	Pg	9:06:03.93	0.07
			Sg	06:17.91	0.02
LANS	110.0	302	Pg	9:06:06.24	0.72
			Sg	06:20.61	-0.24
VYHS	141.3	264	Pn	9:06:10.33	-0.20
			Sn	06:28.51	-1.25

197.

2018-03-03 time: 9:59:25.29 UTC ML= 1.7
 lat: 45.614N lon: 19.392E h= 10.0 km
 erh= 3.3km erz= 2.2km
 nr= 19 gap=141 rms=0.90
 Locality: Serbia
 Comments:

sta	dist	azm	phase	hr mn sec	res
FRGS	62.5	148	Pg	9:59:36.79	0.20
			Sg	59:43.95	-1.46
PKSM	88.3	319	Pg	9:59:41.40	0.24
			Sg	59:51.78	-1.77
MORH	88.5	319	Pg	9:59:41.36	0.16
			Sg	59:51.63	-1.98
PKB3	91.3	350	Pg	9:59:42.41	0.73
			Sg	59:54.26	-0.21
PKSV	93.8	289	Pg	9:59:43.18	1.05
			Sg	59:54.89	-0.38
KOVH	113.4	298	Pn	9:59:46.08	0.90
			Sn	59:59.51	-1.18
PKB4	115.5	328	Pn	9:59:44.93	-0.51
			Sn	10:00:00.61	-0.55
PKB5	120.2	335	Pn	9:59:47.16	1.12
			Sn	10:00:02.48	0.26
PKS9	138.2	321	Sn	9:60:07.74	1.53
PKSN	147.2	14	Sn	9:60:07.62	-0.59
BZS	173.5	90	Sn	9:60:14.11	0.07

198.

2018-03-03 time: 23:40:59.21 UTC ML= 1.7
 lat: 45.848N lon: 17.125E h= 20.3 km
 erh= 3.1km erz= 2.1km
 nr= 15 gap=228 rms=0.43
 Locality: Croatia
 Comments:

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res	PSZ	59.1	80	Sg	45:26.70	-0.72		
BEHE	74.2	339	Pg	23:41:12.69			0.31				Pg	10:45:23.28	-0.05		
			Sg	41:22.24			-0.41				Sg	45:31.52	-0.05		
KOVH	80.1	71	Pg	23:41:13.01			-0.27	VYHS	77.1	344	ePg	10:45:27.60	1.06		
			Sg	41:23.56			-0.69	PKST	103.0	232	Pg	10:45:30.89	-0.27		
PKSV	87.6	87	Pg	23:41:14.73			0.31	KECS	125.4	54	ePg	10:45:34.40	-0.76		
			Sg	41:26.12			-0.16				eSg	45:50.90	-1.73		
KOGS	95.0	315	Pn	23:41:16.03			0.53	202.							
			Sn	41:27.21			-1.00	2018-03-05 time: 12:10:10.90 UTC ML= 0.5							
PKS9	121.1	47	Pn	23:41:19.27			0.51	lat: 47.193N lon: 18.295E h= 0.0 km							
PKSM	124.2	71	Pn	23:41:18.87			-0.27	erh= 2.0km erz= 621km							
			Sn	41:34.70			0.01	nr= 9 gap=148 rms=0.47							
MORH	124.5	71	Pn	23:41:18.86			-0.32	Locality: Székesfehérvár							
			Sn	41:34.63			-0.13	Comments: probably explosion							
PKB4	135.0	58	Sn	23:41:37.60			0.50	sta dist azm phase hr mn sec res							
PKB1	165.3	51	Sn	23:41:44.44			0.63	CSKK	19.1	352	Pg	12:10:14.41	0.09		
199.											Sg	10:17.04	0.06		
2018-03-05 time: 10:08:22.77 UTC ML= 1.6								PKST	21.1	290	Pg	12:10:14.63	-0.03		
lat: 47.473N lon: 18.396E h= 0.0 km											Sg	10:17.54	-0.06		
erh= 6.4km erz= 5.6km								PKSG	23.3	18	Pg	12:10:15.11	0.05		
nr= 9 gap=303 rms=1.17											Sg	10:18.20	-0.10		
Locality: Várgesztes								MORH	111.8	166	Pg	12:10:32.15	1.28		
Comments: probably explosion											Sg	10:45.77	-0.68		
sta	dist	azm	phase	hr	mn	sec	res	PKSM	112.2	166	Sg	12:10:45.92	-0.65		
PKSG	9.0	183	PgU	10:08:25.39			1.01	203.							
			Sg	08:25.88			0.24	2018-03-06 time: 11:50:50.06 UTC ML= 0.9							
CSKK	15.9	220	Pg	10:08:26.64			1.02	lat: 47.437N lon: 18.241E h= 4.2 km							
			Sg	08:28.45			0.62	erh= 3.0km erz= 5.3km							
PKST	36.2	229	Pg	10:08:29.12			-0.12	nr= 6 gap=255 rms=0.06							
			Sg	08:32.43			-1.86	Locality: Pusztavám							
MORH	141.0	172	Sn	10:09:03.15			-3.44	Comments:							
PKSM	141.4	172	Pn	10:08:47.41			-0.03	sta	dist	azm	phase	hr	mn	sec	res
			Sn	09:03.48			-3.20	CSKK	8.3	170	Pg	11:50:51.79	0.07		
200.											Sg	50:52.97	-0.04		
2018-03-05 time: 10:14:09.47 UTC ML= 1.4								PKSG	12.3	114	Pg	11:50:52.32	-0.06		
lat: 47.343N lon: 18.419E h= 0.0 km											Sg	50:54.21	0.02		
erh= 2.0km erz= 4.0km								PKST	25.2	218	Pg	11:50:54.68	0.06		
nr= 13 gap=142 rms=0.57											Sg	50:58.08	-0.09		
Locality: Zámoly								204.							
Comments: probably explosion								2018-03-06 time: 12:21:53.32 UTC ML= 1.3							
sta	dist	azm	phase	hr	mn	sec	res	lat: 47.368N lon: 18.289E h= 10.0 km							
PKSG	5.8	338	PgU	10:14:10.65			0.14	erh= 4.9km erz= 2.8km							
			Sg	14:11.28			-0.05	nr= 10 gap=175 rms=0.76							
CSKK	12.2	281	PgU	10:14:11.85			0.20	Locality: Csókakő							
			Sg	14:13.56			0.21	Comments:							
PKST	30.6	252	Pg	10:14:15.14			0.21	sta	dist	azm	phase	hr	mn	sec	res
			Sg	14:18.60			-0.59	CSKK	2.3	256	Pg	12:21:55.07	-0.08		
PKB1	68.3	155	Pg	10:14:22.58			0.92				Sg	21:55.77	-0.80		
MORH	126.5	172	Pg	10:14:32.62			0.56	PKSG	8.1	71	PgU	12:21:55.64	0.03		
			Sg	14:49.10			-0.57				Sg	21:57.41	0.01		
PKSM	126.9	172	Pg	10:14:31.93			-0.20	PKST	22.8	238	Pg	12:21:57.93	0.17		
			Sg	14:48.43			-1.37				Sg	22:01.39	0.16		
VYHS	131.7	14	Pn	10:14:32.90			-0.03	PKB5	92.4	158	Sg	12:22:23.68	0.82		
			Sn	14:49.59			-1.64	MORH	130.9	168	Sn	12:22:31.42	-1.20		
201.								PKSM	131.3	168	Pn	12:22:16.98	1.53		
2018-03-05 time: 10:45:12.77 UTC ML= 1.4											Sn	22:31.28	-1.43		
lat: 47.826N lon: 19.116E h= 0.0 km								205.							
erh= 2.4km erz= 722km								2018-03-06 time: 12:34:54.27 UTC ML= 1.4							
nr= 10 gap=125 rms=0.56								lat: 47.379N lon: 18.261E h= 8.4 km							
Locality: Szendehely								erh= 3.0km erz= 1.8km							
Comments: probably explosion								nr= 15 gap=147 rms=0.82							
sta	dist	azm	phase	hr	mn	sec	res	Locality: Mór							
PENC	13.0	108	Pg	10:45:15.16			0.06	Comments:							
			Sg	45:17.34			0.43								
A336	46.1	349	Pg	10:45:21.38			0.38								

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
CSKK	1.8	182	Pg	12:34:55.40	-0.40
			Sg	34:56.48	-0.52
PKSG	9.9	82	PgU	12:34:56.01	-0.58
			Sg	34:57.51	-0.88
PKST	21.7	232	Pg	12:34:58.33	-0.10
			Sg	35:01.93	0.25
PKB1	77.4	149	Sg	12:35:19.52	0.49
PKS9	88.1	179	Pg	12:35:11.18	1.11
			Sg	35:23.09	0.70
PKB5	94.3	158	Sg	12:35:24.64	0.26
VYHS	131.2	19	Pn	12:35:17.82	1.23
MORH	132.6	167	Pn	12:35:17.09	0.32
			Sn	35:32.36	-1.95
PKSM	133.0	167	Pn	12:35:16.87	0.06
			Sn	35:31.86	-2.53

206.

2018-03-07 time: 8:39:56.75 UTC ML= 1.4
 lat: 47.352N lon: 18.416E h= 0.0 km
 erh= 2.1km erz= 4.8km
 nr= 11 gap=158 rms=0.63
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.8	337	PgU	8:39:57.82	0.20
			Sg	39:58.17	-0.12
CSKK	11.8	276	PgU	8:39:59.07	0.21
			Sg	40:00.85	0.34
PKST	30.6	250	Pg	8:40:02.59	0.37
			Sg	40:05.80	-0.69
MORH	127.5	172	Pg	8:40:19.93	0.41
			Sg	40:37.05	-0.22
PKSM	127.9	172	Pg	8:40:20.24	0.65
			Sg	40:35.89	-1.51
VYHS	130.8	14	Sn	8:40:36.52	-1.79

207.

2018-03-07 time: 8:40:39.56 UTC ML= 1.3
 lat: 47.343N lon: 18.434E h= 0.0 km
 erh= 1.6km erz= 3.5km
 nr= 10 gap=159 rms=0.41
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	6.3	329	PgU	8:40:40.81	0.12
			Sg	40:41.31	-0.27
CSKK	13.3	280	PgU	8:40:42.12	0.18
			Sg	40:44.13	0.34
PKST	31.7	253	Pg	8:40:45.24	0.02
			Sg	40:49.34	-0.29
MORH	126.3	173	Sg	8:41:19.31	-0.41
PKSM	126.8	173	Pg	8:41:02.94	0.74
			Sg	41:19.55	-0.30
VYHS	131.4	13	Sn	8:41:20.07	-1.19

208.

2018-03-07 time: 9:14:32.26 UTC ML= 1.1
 lat: 48.609N lon: 20.735E h= 0.0 km
 erh= 2.9km erz= 3.1km
 nr= 9 gap=161 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.1	233	Pg	9:14:36.77	0.39
			Sg	14:39.51	-0.09
CRVS	62.6	59	Pg	9:14:43.66	0.21
			Sg	14:51.66	-0.51

STHS	97.3	23	ePg	9:14:49.80	0.16
			eSg	15:03.10	-0.09
PSZ	98.9	219	Pg	9:14:50.31	0.39
			Sg	15:03.05	-0.65
VYHS	140.7	265	Sn	9:15:15.31	-0.71

209.

2018-03-07 time: 9:37:02.26 UTC ML= 1.5
 lat: 48.211N lon: 18.810E h= 0.0 km
 erh= 1.5km erz= 4.3km
 nr= 12 gap= 77 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	14.2	80	Pg	9:37:05.15	0.35
			Sg	37:06.84	0.06
VYHS	31.5	3	Pg	9:37:07.64	-0.25
			Sg	37:11.69	-0.59
A338	40.5	237	Pg	9:37:09.45	-0.04
			Sg	37:15.19	0.07
PENC	58.5	143	Pg	9:37:12.55	-0.16
			Sg	37:20.72	-0.13
CSKK	102.9	204	Sg	9:37:34.24	-0.72
MODS	115.2	279	ePg	9:37:24.20	1.37
			eSg	37:36.80	-2.08
MORC	197.3	332	Sn	9:37:58.94	0.36
KHC	398.7	285	ePn	9:37:50.00	-9.01*

210.

2018-03-07 time: 10:32:05.03 UTC ML= 0.8
 lat: 47.206N lon: 18.279E h= 0.0 km
 erh= 1.2km erz= 353km
 nr= 8 gap=144 rms=0.25
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.6	355	Pg	10:32:07.99	-0.17
			Sg	32:10.47	-0.14
PKST	19.4	288	Pg	10:32:08.48	-0.02
			Sg	32:11.32	0.11
PKSG	22.3	22	Pg	10:32:09.10	0.08
			Sg	32:12.30	0.17
PKSM	113.9	166	Pg	10:32:25.61	0.24
			Sg	32:39.95	-1.29

211.

2018-03-07 time: 11:22:23.69 UTC ML= 2.3
 lat: 46.376N lon: 17.291E h= 10.0 km
 erh= 1.6km erz= 1.4km
 nr= 49 gap= 60 rms=0.92
 Locality: Vése
 Comments: felt 4 EMS

sta	dist	azm	phase	hr mn sec	res
BEHE	40.9	285	PgU	11:22:31.02	-0.20
			Sg	22:36.11	-0.98
KOVH	70.2	117	Pg	11:22:37.08	0.73
			Sg	22:45.94	-0.28
TIH	74.3	38	Pg	11:22:36.73	-0.35
			Sg	22:46.49	-1.02
PKS9	79.4	73	Pg	11:22:39.67	1.68
			Sg	22:50.54	1.40
KOGS	80.4	276	Pg	11:22:38.15	-0.01
			Sg	22:47.43	-2.01
PKSV	92.0	126	PgU	11:22:41.44	1.22
			Sg	22:53.00	-0.11
PKB4	101.8	82	Pg	11:22:42.23	0.27
			Sg	22:55.84	-0.37
PKSM	105.7	100	P*U	11:22:42.08	-0.50
			S*	22:55.53	-1.78

Hypocenter Parameters

MORH 105.8 100 P*U 11:22:42.10 -0.50
 S* 22:55.63 -1.72
 PKST 113.4 30 Pn 11:22:43.41 -0.17
 Sn 22:57.40 -1.70
 PKB5 113.6 78 PnU 11:22:42.79 -0.82
 Sn 22:58.06 -1.09
 EGYH 115.7 2 Pn 11:22:44.38 0.50
 Sn 22:59.16 -0.47
 PTJ 115.8 243 Pn 11:22:44.00 0.11
 Sn 22:58.25 -1.39
 PKB1 123.7 68 Pn 11:22:43.90 -0.97
 Sn 23:00.84 -0.56
 CSKK 132.3 34 Pn 11:22:45.93 -0.01
 Sn 23:03.35 0.05
 PKSG 140.6 37 Pn 11:22:47.93 0.95
 Sn 23:05.69 0.54
 PKB3 146.5 88 Sn 11:23:05.19 -1.27
 PKB2 153.3 78 Pn 11:22:50.25 1.68
 Sn 23:09.47 1.50
 CRES 154.4 247 Pn 11:22:49.40 0.70
 Sn 23:09.08 0.87
 SOP 155.6 339 Pn 11:22:49.00 0.15
 Sn 23:07.91 -0.56
 A339 163.9 10 Sn 11:23:11.79 1.48
 RONA 165.4 333 Pn 11:22:50.87 0.80
 Sn 23:11.43 0.79
 ARSA 166.2 306 Pn 11:22:51.29 1.11
 Sn 23:11.21 0.37
 BLY 181.1 183 Pn 11:22:52.09 0.06
 Sn 23:14.24 0.11
 A338 199.2 24 Sn 11:23:17.42 -0.72
 CONA 203.7 328 Pn 11:22:56.67 1.82
 VYHS 262.7 26 Pn 11:23:02.73 0.52

212.

2018-03-08 time: 8:30:15.89 UTC ML= 1.4
 lat: 47.477N lon: 18.227E h= 6.4 km
 erh= 2.4km erz= 2.4km
 nr= 10 gap=158 rms=0.51
 Locality: Bokod
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	12.9	169	Pg	8:30:18.86			0.39
			Sg	30:20.12			-0.36
PKSG	15.6	128	Pg	8:30:19.31			0.41
			Sg	30:21.08			-0.17
PKST	28.3	211	Pg	8:30:21.28			0.21
			Sg	30:25.02			-0.09
A338	60.5	9	Sg	8:30:34.41			-0.83
PKS9	99.1	178	Pg	8:30:33.91			0.29
			Sg	30:45.28			-2.17
PKS6	140.9	134	Sn	8:30:58.42			0.18

213.

2018-03-08 time: 9:05:29.05 UTC ML= 1.3
 lat: 47.393N lon: 19.002E h= 10.0 km
 erh= 3.0km erz= 1.5km
 nr= 9 gap=233 rms=0.25
 Locality: Halásztelek
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSG	46.1	270	Pg	9:05:37.90			0.42
			Sg	05:44.01			-0.05
PENC	49.0	25	Pg	9:05:37.57			-0.41
			Sg	05:45.08			0.14
CSKK	56.1	267	Pg	9:05:39.33			0.11
			Sg	05:46.99			-0.17
PKST	74.6	259	Pg	9:05:42.61			0.11
			Sg	05:52.61			-0.37
A339	112.2	296	Sn	9:06:04.30			0.09

Földrengés paraméterek

214.

2018-03-08 time: 9:26:13.84 UTC ML= 2.0
 lat: 46.980N lon: 22.322E h= 5.9 km
 erh= 2.0km erz= 1.9km
 nr= 34 gap= 74 rms=1.00
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
DRGR	36.3	125	Pg	9:26:20.67			0.25
			Sg	26:25.45			-0.10
BORR	42.5	287	PgC	9:26:22.05			0.53
			Sg	26:28.00			0.50
LTVH	55.2	325	Sg	9:26:26.27			-5.21*
MARR	69.6	119	PgD	9:26:26.30			-0.02
			Sg	26:34.90			-1.14
SIRR	94.1	213	PgD	9:26:30.41			-0.27
			Sg	26:41.80			-2.00
CJR	101.8	107	PgC	9:26:32.08			0.03
			Sg	26:44.90			-1.35
BMR	117.6	49	PnC	9:26:35.21			0.43
			Sn	26:49.00			-2.11
TRPA	128.9	7	Pn	9:26:35.44			-0.76
			Sn	26:51.78			-1.85
DEV	129.9	160	PnC	9:26:37.14			0.83
			Sn	26:52.70			-1.14
SURR	137.1	186	PnD	9:26:37.56			0.34
			Sn	26:54.10			-1.35
ARCR	154.9	86	Pn	9:26:40.54			1.11
			Sn	27:00.73			1.34
BZS	161.0	200	Pn	9:26:39.91			-0.29
			Sn	27:00.30			-0.45
GZR	179.8	169	PnC	9:26:43.80			1.26
			Sn	27:06.30			1.37
LOT	203.7	147	PnD	9:26:47.06			1.54
			Sn	27:10.40			0.18
PSZ	210.7	300	Pn	9:26:45.60			-0.79
KOLS	217.2	359	Pn	9:26:47.89			0.69
BURA	230.1	72	PnC	9:26:50.78			1.97
			Sn	27:17.40			1.33
HERR	233.4	178	PnC	9:26:50.21			0.98
MDVR	248.9	191	PnC	9:26:51.17			0.01
ARR	253.0	135	PnC	9:26:53.28			1.61
VOIR	271.5	129	PnD	9:26:55.49			1.51
MORC	471.2	311	PnC	9:27:20.27			1.39*

215.

2018-03-08 time: 10:32:37.64 UTC ML= 1.4
 lat: 48.576N lon: 20.774E h= 0.0 km
 erh= 2.2km erz= 2.0km
 nr= 11 gap=152 rms=0.40
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.7	244	Pg	10:32:42.12			0.25
			Sg	32:45.16			0.00
CRVS	62.2	54	Pg	10:32:49.00			0.25
			Sg	32:56.90			-0.52
PSZ	98.0	222	Pg	10:32:55.38			0.23
			Sg	33:08.67			-0.14
LANS	115.2	304	Pg	10:32:57.90			-0.31
KOLS	117.2	70	eSg	10:33:14.90			0.01
A336	136.8	254	Sn	10:33:19.71			-0.82
VYHS	143.4	266	Pn	10:33:03.42			0.86
			Sn	33:21.60			-0.39

Földrengés paraméterek

Hypocenter Parameters

216.

2018-03-08 time: 10:52:00.45 UTC ML= 1.4
 lat: 45.745N lon: 18.452E h= 10.0 km
 erh= 6.6km erz= 4.2km
 nr= 8 gap=300 rms=0.66
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	22.3	316	Sg	10:52:07.94	-0.27
KOVH	46.9	324	Pg	10:52:09.25	0.23
			Sg	52:14.77	-0.93
PKSM	53.9	16	Pg	10:52:10.41	0.17
			Sg	52:16.69	-1.19
PKB4	84.3	8	Sg	10:52:28.18	0.74
PKS9	94.6	352	Sg	10:52:31.71	1.04
PKB1	118.5	13	Sn	10:52:36.89	-0.10

217.

2018-03-09 time: 7:19:36.61 UTC ML= 2.1
 lat: 46.042N lon: 22.850E h= 0.0 km
 erh= 1.5km erz= 1.9km
 nr= 28 gap= 58 rms=0.70
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
DEV	18.1	167	PgD	7:19:39.99	0.15
			Sg	19:43.30	0.93
SURR	64.8	240	PgC	7:19:48.69	0.52
			Sg	19:56.50	-0.69
GZR	72.3	185	PgD	7:19:49.76	0.24
			Sg	19:59.10	-0.50
MARR	73.5	16	PgC	7:19:49.68	-0.05
			Sg	19:58.90	-1.06
DRGR	84.0	353	Pg	7:19:51.85	0.23
			Sg	20:02.44	-0.88
SIRR	95.3	285	PgD	7:19:54.81	1.18
			Sg	20:06.50	-0.41
BZS	106.9	244	Pg	7:19:55.72	0.03
			Sg	20:10.17	-0.41
HERR	133.4	195	PnD	7:19:59.93	-0.35
			Sn	20:16.70	-2.04
SRE	155.8	170	PnC	7:20:04.40	1.32
			Sn	20:22.70	-1.02
ARR	157.8	118	PnC	7:20:03.30	-0.03
			Sn	20:23.00	-1.16
ARCR	163.6	45	Sn	7:20:25.93	0.50
MDVR	166.0	212	PnD	7:20:05.40	1.06
			Sn	20:25.20	-0.77
LTVH	166.0	334	Pn	7:20:04.05	-0.29
VOIR	183.9	111	PnC	7:20:07.41	0.83
			Sn	20:29.50	-0.45
MLR	248.4	104	Pn	7:20:14.33	-0.29
BURA	251.4	46	Sn	7:20:45.50	0.58

218.

2018-03-09 time: 9:09:23.03 UTC ML= 1.2
 lat: 48.570N lon: 20.777E h= 0.0 km
 erh= 6.0km erz= 5.3km
 nr= 10 gap=152 rms=1.28
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.6	246	Pg	9:09:27.42	0.18
			Sg	09:29.95	-0.58
CRVS	62.4	54	Pg	9:09:34.08	-0.10
			Sg	09:41.48	-1.39
PSZ	97.7	222	Pg	9:09:41.73	1.26
			Sg	09:53.91	-0.17
NIE	100.3	340	Pg	9:09:43.66	2.72

KOLS 117.2 70 Sg 9:10:00.04 -0.24
 A336 136.9 254 Sn 9:10:05.21 -0.72
 VYHS 143.6 267 Sn 9:10:04.99 -2.43

219.

2018-03-09 time: 10:31:35.53 UTC ML= 1.8
 lat: 48.300N lon: 18.593E h= 14.6 km
 erh= 1.5km erz= 1.2km
 nr= 21 gap= 64 rms=0.58
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
VYHS	28.1	40	Pg	10:31:41.01	-0.18
			Sg	31:44.78	-0.83
A336	31.0	104	Pg	10:31:41.88	0.22
			Sg	31:46.20	-0.24
A338	36.3	209	Pg	10:31:42.54	0.01
			Sg	31:48.04	0.06
PENC	76.4	138	Sg	10:31:59.59	-0.68
MODS	97.9	275	eP*	10:31:53.70	0.90
			eS*	32:05.80	-0.47
PSZ	105.8	114	Pn	10:31:54.65	0.76
			Sn	32:08.04	-0.17
CSKK	107.1	193	Sn	10:32:08.19	-0.30
ZST	111.3	264	Sn	10:32:08.55	-0.87
LANS	114.4	34	Pn	10:31:55.36	0.39
PKST	123.0	200	Sn	10:32:12.57	0.53
EGYH	136.1	224	Pn	10:31:57.00	-0.67
MORC	181.3	335	Pn	10:32:04.33	1.02
			Sn	32:24.99	0.02
KRUC	182.7	298	Sn	10:32:23.97	-1.30
VRAC	184.8	307	Pn	10:32:04.33	0.59
			Sn	32:25.19	-0.55

220.

2018-03-09 time: 10:33:03.34 UTC ML= 1.5
 lat: 47.088N lon: 18.047E h= 0.0 km
 erh= 2.4km erz= 527km
 nr= 10 gap=159 rms=0.41
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	19.1	357	Pg	10:33:05.90	-0.84
			Sg	33:09.34	-0.06
CSKK	34.6	28	Pg	10:33:09.78	0.26
			Sg	33:14.39	0.05
PKSG	42.7	38	Pg	10:33:10.75	-0.21
			Sg	33:16.91	0.01
PNNH	56.0	337	Pg	10:33:13.84	0.50
PKSM	107.5	155	Pg	10:33:22.87	0.34
KOVH	111.2	178	Pg	10:33:23.42	0.23
			Sg	33:37.97	-0.70

221.

2018-03-09 time: 11:00:21.45 UTC ML= 1.7
 lat: 48.933N lon: 21.796E h= 0.0 km
 erh= 3.2km erz= 6.5km
 nr= 9 gap=127 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	24.8	262	PgU	11:00:26.51	0.64
			Sg	00:28.65	-0.67
KOLS	35.0	90	Pg	11:00:27.96	0.26
			Sg	00:31.45	-1.12
STHS	67.2	323	Pg	11:00:34.30	0.84
			Sg	00:42.31	-0.51
KECS	108.6	243	Sg	11:00:54.85	-1.13
BSZH	214.3	212	Sn	11:01:22.28	0.74

Hypocenter Parameters

Földrengés paraméterek

DRGR 247.7 164 Pn 11:01:00.20 0.83

222.

2018-03-09 time: 11:29:56.19 UTC ML= 1.3
 lat: 47.139N lon: 17.858E h= 0.0 km
 erh= 4.5km erz= 840km
 nr= 12 gap=231 rms=0.76
 Locality: Márkó
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	18.9	45	Pg	11:29:59.58			0.02
			Sg	30:02.83			0.63
TIH	26.6	174	Pg	11:30:01.92			0.98
			Sg	30:05.90			1.24
CSKK	39.4	51	Pg	11:30:03.66			0.44
			Sg	30:08.58			-0.12
PKSG	49.2	55	Pg	11:30:04.90			-0.07
			Sg	30:11.57			-0.24
PKB4	91.3	141	Sg	11:30:25.25			0.05
KOVH	118.2	171	Sg	11:30:32.18			-1.58
PKSM	119.2	150	Pg	11:30:16.57			-0.90
			Sg	30:32.66			-1.41

223.

2018-03-09 time: 11:31:02.79 UTC ML= 1.0
 lat: 47.225N lon: 18.266E h= 0.0 km
 erh= 4.7km erz= ***km
 nr= 7 gap=164 rms=0.82
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	15.4	358	Pg	11:31:05.49			-0.05
			Sg	31:07.96			0.28
PKST	18.0	282	Pg	11:31:05.84			-0.16
			Sg	31:08.71			0.21
PKB4	85.0	162	Pg	11:31:19.04			1.08
PKSM	116.2	166	Pg	11:31:23.28			-0.25
			Sg	31:36.98			-2.74

224.

2018-03-09 time: 15:40:37.54 UTC ML= 1.0
 lat: 47.125N lon: 18.037E h= 0.0 km
 erh= 1.8km erz= 436km
 nr= 9 gap=156 rms=0.36
 Locality: Hajmáskér
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	14.9	359	PgU	15:40:40.18			-0.01
			Sg	40:42.20			-0.06
TIH	27.3	204	Pg	15:40:42.47			0.06
			Sg	40:46.62			0.40
CSKK	31.4	33	Pg	15:40:43.40			0.25
			Sg	40:47.79			0.27
PKB1	68.9	123	Pg	15:40:49.77			-0.06
PKSM	111.6	155	Pg	15:40:57.09			-0.37
			Sg	41:10.95			-2.05

225.

2018-03-10 time: 11:01:56.88 UTC ML= 0.9
 lat: 48.046N lon: 19.645E h= 0.0 km
 erh= 2.9km erz= 788km
 nr= 10 gap=178 rms=0.61
 Locality: Sóshartyán
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	23.4	127	Pg	11:02:01.17			0.11

			Sg	02:04.07			-0.25
PENC	39.3	224	Pg	11:02:03.40			-0.50
			Sg	02:09.10			-0.28
A336	52.4	293	Sg	11:02:13.58			0.05
VYHS	78.0	310	Pg	11:02:10.95			0.14
			Sg	02:20.24			-1.44
BSZH	95.2	151	Pg	11:02:14.19			0.30
A338	96.5	268	Pg	11:02:15.56			1.45
PKSN	128.8	173	Pg	11:02:19.78			-0.11

226.

2018-03-10 time: 13:48:56.96 UTC ML= 0.2
 lat: 47.311N lon: 18.255E h= 7.2 km
 erh= 2.5km erz= 2.1km
 nr= 6 gap=202 rms=0.12
 Locality: Fehérváracsurgó
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	5.8	4	Pg	13:48:58.54			-0.08
			Sg	48:59.74			-0.17
PKSG	13.6	49	Pg	13:48:59.72			0.00
			Sg	49:02.03			0.17
PKST	17.7	251	Pg	13:49:00.33			-0.05
			Sg	49:03.23			0.19

227.

2018-03-11 time: 6:49:55.29 UTC ML= 1.5
 lat: 45.596N lon: 18.870E h= 5.7 km
 erh= 3.6km erz= 3.8km
 nr= 13 gap=179 rms=0.85
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	58.1	304	Pg	6:50:05.73			0.02
			Sg	50:14.20			0.36
PKSM	70.7	345	Pg	6:50:08.32			0.35
			Sg	50:16.97			-0.88
KOVH	81.1	312	Pg	6:50:10.94			1.13
			Sg	50:20.17			-0.97
FRGS	89.7	125	Pg	6:50:12.60			1.26
			Sg	50:22.34			-1.52
PKB4	102.2	348	Pg	6:50:12.29			-1.28
			Sg	50:27.87			0.04
PKS2	103.1	15	Sg	6:50:28.71			0.59
PKB2	123.3	13	Sn	6:50:34.13			0.24
PKB1	132.3	357	Sn	6:50:35.63			-0.25

228.

2018-03-11 time: 21:18:31.47 UTC ML= 2.1
 lat: 46.042N lon: 16.396E h= 10.0 km
 erh= 2.5km erz= 2.5km
 nr= 13 gap=145 rms=0.54
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	37.4	245	Pg	21:18:38.10			-0.29
			Sg	18:43.32			-0.47
ZAG	39.2	233	Sg	21:18:44.29			-0.02
KOGS	46.5	346	Pg	21:18:40.84			0.88
			Sg	18:45.94			-0.64
BEHE	55.8	32	Pg	21:18:41.51			-0.09
			Sg	18:49.13			-0.37
CRES	76.7	252	Pg	21:18:45.80			0.52
			Sg	18:56.34			0.29
PERS	118.6	304	Pn	21:18:51.47			-0.53
KOVH	131.9	88	Pn	21:18:53.48			-0.19
			Sn	19:10.91			-0.08
ARSA	150.0	334	Pn	21:18:57.73			1.80

Földrengés paraméterek

Hypocenter Parameters

229.

2018-03-12 time: 0:53:56.07 UTC ML= 1.9
 lat: 45.663N lon: 22.582E h= 17.1 km
 erh= 1.3km erz= 2.1km
 nr= 6 gap=141 rms=0.14
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
BZS	75.4	266	P*	0:54:09.56	-0.13
			S*	54:20.45	0.14
DJES	114.6	182	Sn	0:54:30.06	-0.06
DRGR	125.8	5	Pn	0:54:16.79	0.18
			Sn	54:32.44	-0.18
ARCR	208.8	41	Sn	0:54:51.09	0.06

230.

2018-03-12 time: 9:01:06.82 UTC ML= 1.3
 lat: 47.545N lon: 18.557E h= 0.0 km
 erh= 7.7km erz= 6.6km
 nr= 7 gap=166 rms=0.46
 Locality: Nagyegyháza
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	21.2	216	Pg	9:01:10.61	0.01
			Sg	01:13.52	-0.03
CSKK	30.2	228	Pg	9:01:12.22	0.01
			Sg	01:16.36	-0.05
VYHS	107.5	11	Pg	9:01:26.88	0.85
			Sg	01:40.53	-0.47
PKSM	148.4	178	Sn	9:01:51.33	-0.94

231.

2018-03-12 time: 9:44:16.17 UTC ML= 1.7
 lat: 48.591N lon: 20.708E h= 0.0 km
 erh= 2.0km erz= 2.1km
 nr= 12 gap=147 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	20.4	234	Pg	9:44:20.10	0.29
			Sg	44:22.62	-0.03
PSZ	96.2	219	Pg	9:44:33.74	0.39
			Sg	44:46.52	-0.23
STHS	99.8	23	Pg	9:44:34.45	0.46
LANS	110.2	304	Pg	9:44:35.82	-0.03
			Sg	44:50.18	-1.02
KOLS	121.2	72	Sg	9:44:54.09	-0.60
A336	132.7	253	Pn	9:44:40.26	0.51
			Sn	44:57.15	-0.98
VYHS	138.7	266	Pn	9:44:40.81	0.32
			Sn	44:59.03	-0.44

232.

2018-03-12 time: 10:48:41.91 UTC ML= 1.1
 lat: 46.109N lon: 18.051E h= 0.0 km
 erh= 3.2km erz= 516km
 nr= 8 gap=257 rms=0.38
 Locality: Bükkösöd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	4.5	122	Pg	10:48:42.57	-0.13
			Sg	48:43.77	0.45
PKSV	29.1	148	Pg	10:48:47.18	0.08
			Sg	48:51.22	0.07
PKSM	47.0	76	Pg	10:48:49.88	-0.42
			Sg	48:55.93	-0.92

PKB5 75.5 44 Pg 10:48:55.70 0.32
 Sg 49:06.26 0.37

233.

2018-03-12 time: 11:31:26.66 UTC ML= 0.7
 lat: 47.226N lon: 18.242E h= 0.0 km
 erh= 1.6km erz= 556km
 nr= 8 gap=120 rms=0.39
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	15.3	5	Pg	11:31:29.83	0.44
			Sg	31:31.35	-0.17
PKST	16.1	283	Pg	11:31:29.73	0.18
			Sg	31:31.56	-0.23
PKSG	21.6	31	Pg	11:31:30.26	-0.25
			Sg	31:33.41	-0.11
PKB5	79.6	152	Sg	11:31:52.59	0.62
PKSM	116.8	165	Sg	11:32:02.91	-0.89

234.

2018-03-12 time: 13:32:12.76 UTC ML= 1.5
 lat: 46.133N lon: 18.008E h= 0.0 km
 erh= 5.5km erz= 640km
 nr= 5 gap=295 rms=0.29
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	8.6	125	Pg	13:32:14.42	0.12
			Sg	32:15.92	0.41
PKSV	33.1	145	Sg	13:32:22.73	-0.55
PKSM	49.7	80	Pg	13:32:21.70	0.07
			Sg	32:28.34	-0.20

235.

2018-03-12 time: 13:40:56.82 UTC ML= 0.8
 lat: 47.236N lon: 18.183E h= 0.0 km
 erh= 1.6km erz= 491km
 nr= 7 gap=133 rms=0.32
 Locality: Bakonykúti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	11.6	283	PgU	13:40:58.58	-0.31
			Sg	41:00.82	0.32
CSKK	15.3	22	Pg	13:40:59.03	-0.52
			Sg	41:01.67	-0.01
PKSG	23.3	42	Pg	13:41:01.38	0.39
			Sg	41:04.44	0.20
PKB5	82.8	149	Sg	13:41:23.21	0.08

236.

2018-03-12 time: 17:21:47.56 UTC ML= 1.7
 lat: 46.086N lon: 17.004E h= 10.0 km
 erh= 4.8km erz= 2.3km
 nr= 11 gap=154 rms=0.66
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	70.7	305	Pg	17:22:00.34	0.04
			Sg	22:09.83	-0.42
KOVH	84.8	90	Pg	17:22:03.42	0.62
			Sg	22:14.43	-0.26
PKSV	99.2	103	Pg	17:22:06.00	0.64
			Sg	22:18.06	-1.19
CREG	123.4	256	Sn	17:22:25.09	-0.09
PKSM	127.3	84	Pn	17:22:08.60	-0.58

Hypocenter Parameters

PKB4 131.5 70 Sn 22:25.22 -0.83
 Pn 17:22:10.97 1.26
 Sn 22:26.95 -0.03

237.

2018-03-13 time: 7:34:43.47 UTC ML= 0.8
 lat: 47.981N lon: 20.010E h= 0.0 km
 erh= 1.6km erz= 329km
 nr= 5 gap=199 rms=0.15
 Locality: Mátraballa
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	11.1	231	Pg	7:34:45.25	-0.19
			Sg	34:47.23	0.24
PENC	58.4	249	Sg	7:35:02.01	-0.03
KECS	66.1	32	Sg	7:35:04.57	0.09
VYHS	104.2	303	Sg	7:35:16.60	0.00

238.

2018-03-13 time: 11:27:29.72 UTC ML= 1.7
 lat: 47.908N lon: 19.841E h= 0.0 km
 erh= 2.9km erz= 758km
 nr= 9 gap=168 rms=0.57
 Locality: Mátraszentimre
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	4.1	74	PgD	11:27:30.20	-0.25
			Sg	27:31.27	0.25
PENC	43.9	253	Sg	11:27:44.23	0.56
A336	72.5	300	Pg	11:27:42.87	0.22
KECS	79.9	37	Pg	11:27:44.61	0.63
			Sg	27:54.10	-1.01
VYHS	99.2	311	Pg	11:27:47.81	0.39
			Sg	28:00.67	-0.56
PKSG	123.2	242	Sg	11:28:07.81	-1.06

239.

2018-03-14 time: 9:25:21.22 UTC ML= 1.5
 lat: 48.575N lon: 20.757E h= 0.0 km
 erh= 3.6km erz= 5.2km
 nr= 12 gap=151 rms=0.94
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.5	243	Pg	9:25:25.43	0.20
			Sg	25:28.33	-0.03
CRVS	63.3	55	ePg	9:25:32.20	-0.33
			eSg	25:39.40	-1.95
PSZ	97.1	221	Pg	9:25:39.24	0.68
			Sg	25:52.26	0.17
NIE	99.3	341	Pg	9:25:41.45	2.50
LANS	114.2	304	Pg	9:25:41.11	-0.50
			Sg	25:55.79	-1.73
KOLS	118.4	70	Sg	9:25:58.53	-0.33
VYHS	142.1	266	Pn	9:25:46.17	0.20
			Sn	26:04.87	-0.41

240.

2018-03-14 time: 10:08:45.77 UTC ML= 1.5
 lat: 46.877N lon: 17.383E h= 0.0 km
 erh= 2.3km erz= 834km
 nr= 10 gap=139 rms=0.65
 Locality: Lesencetomaj
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	34.7	20	Pg	10:08:51.35	-0.61

Földrengés paraméterek

PKST 65.2 49 Sg 08:56.63 -0.17
 Pg 10:08:57.61 0.20
 Sg 09:08.48 1.98
 KOGS 98.9 241 Pg 10:09:03.63 0.19
 Sg 09:17.39 0.17
 KOVH 103.5 148 Pg 10:09:04.92 0.66
 Sg 09:18.84 0.16
 PKSM 121.6 127 Pg 10:09:06.60 -0.88
 Sg 09:23.63 -0.79

241.

2018-03-14 time: 11:11:20.53 UTC ML= 1.1
 lat: 47.092N lon: 18.019E h= 0.0 km
 erh= 1.9km erz= 600km
 nr= 9 gap=150 rms=0.45
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.6	4	Pg	11:11:23.32	-0.52
			Sg	11:27.05	0.62
TIH	23.4	204	Pg	11:11:24.75	0.03
			Sg	11:28.52	0.54
MPLH	37.4	283	Pg	11:11:27.37	0.16
			Sg	11:32.13	-0.28
PKSM	108.9	154	Pg	11:11:40.31	0.34
			Sg	11:54.98	-0.16
KOVH	111.8	177	Sg	11:11:54.99	-1.07

242.

2018-03-14 time: 11:33:13.47 UTC ML= 1.6
 lat: 48.210N lon: 18.793E h= 0.0 km
 erh= 1.6km erz= 3.1km
 nr= 18 gap= 87 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	15.6	80	Pg	11:33:16.74	0.49
			Sg	33:19.22	0.80
VYHS	31.7	6	Pg	11:33:19.18	0.04
			Sg	33:23.65	0.09
A338	39.3	237	Sg	11:33:27.43	1.47
PENC	59.2	142	Sg	11:33:33.07	0.77
PSZ	88.3	112	Pg	11:33:29.89	0.65
			Sg	33:40.37	-1.17
PKSG	95.8	198	Sg	11:33:43.42	-0.51
CSKK	102.3	203	Sg	11:33:45.48	-0.50
MODS	113.9	279	ePg	11:33:33.30	-0.51
			eSg	33:48.80	-0.88
LANS	115.8	25	Pg	11:33:34.06	-0.09
			Sg	33:50.22	-0.06
PKST	120.1	208	Sg	11:33:50.42	-1.22
KECS	129.1	76	Sg	11:33:52.15	-2.37
EGYH	140.5	231	Sn	11:33:57.55	0.37
MPLH	149.1	219	Sn	11:33:59.28	0.20

243.

2018-03-14 time: 18:20:31.48 UTC ML= 1.2
 lat: 46.149N lon: 16.110E h= 0.2 km
 erh= 1.9km erz= 524km
 nr= 9 gap=148 rms=0.56
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	30.1	203	Pg	18:20:36.82	-0.03
			Sg	20:40.11	-0.93
KOGS	35.0	18	Pg	18:20:37.58	-0.14
			Sg	20:42.01	-0.58
GOLS	40.6	248	iPg	18:20:39.08	0.36
			iSg	20:44.78	0.41

Földrengés paraméterek

GROS 58.3 307 Sg 18:20:48.74 -1.26
 BEHE 62.5 55 Pg 18:20:43.37 0.74
 Sg 20:51.55 0.22

244.

2018-03-15 time: 0:32:42.64 UTC ML= 1.0
 lat: 46.241N lon: 17.330E h= 10.0 km
 erh= 6.0km erz= 4.5km
 nr= 10 gap=167 rms=0.84
 Locality: Nagyatád
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOVH	61.8	106	Pg	0:32:54.26	0.44
			Sg	33:01.96	-0.58
PKSV	81.4	119	Pg	0:32:58.30	1.03
KOGS	86.3	286	Sg	0:33:09.84	-0.41
PKSM	101.2	92	Pg	0:33:00.40	-0.39
			Sg	33:13.86	-1.10
PKB4	102.0	74	Sg	0:33:15.08	-0.14
PKB5	115.0	70	Sn	0:33:18.50	0.10
PKST	125.3	25	Pn	0:33:05.38	1.36
			Sn	33:19.20	-1.50

245.

2018-03-15 time: 11:06:30.27 UTC ML= 1.5
 lat: 48.583N lon: 20.803E h= 0.0 km
 erh= 3.4km erz= 3.4km
 nr= 8 gap=169 rms=0.59
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.9	245	Pg	11:06:35.37	0.47
			Sg	06:37.92	-0.60
PSZ	100.1	222	Pg	11:06:48.70	0.56
			Sg	07:01.89	-0.19
LANS	116.5	303	Pg	11:06:51.11	0.04
TRPA	138.2	111	Sn	11:07:12.62	-0.84
VYHS	145.6	266	Pn	11:06:55.98	0.53
			Sn	07:13.69	-1.41

246.

2018-03-15 time: 11:44:12.80 UTC ML= 1.7
 lat: 45.648N lon: 17.302E h= 0.0 km
 erh= 4.9km erz= 4.3km
 nr= 9 gap=215 rms=0.59
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	78.6	70	Pg	11:44:27.27	0.43
			Sg	44:37.97	0.17
KOVH	79.0	52	Pg	11:44:26.92	0.01
			Sg	44:38.95	1.04
PTJ	108.2	285	Pg	11:44:32.36	0.23
KOGS	120.5	318	Sg	11:44:50.87	-0.25
PKSM	121.3	59	Pg	11:44:33.63	-0.84
			Sg	44:50.02	-1.36
PKB4	138.0	47	Sn	11:44:56.08	0.13

247.

2018-03-16 time: 7:15:48.99 UTC ML= 1.8
 lat: 46.095N lon: 22.664E h= 10.0 km
 erh= 9.8km erz= 8.8km
 nr= 6 gap=132 rms=0.49
 Locality: Romania
 Comments:

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
DRGR	77.5	3	Pg	7:16:03.54	0.59
			Sg	16:12.85	-0.99
BZS	97.2	237	Pg	7:16:06.36	-0.07
			Sg	16:20.20	0.17
ARCR	170.0	50	Sn	7:16:36.89	-0.08
MLR	263.8	105	Pn	7:16:27.48	-0.16

248.

2018-03-16 time: 8:20:12.09 UTC ML= 0.6
 lat: 47.368N lon: 18.294E h= 10.9 km
 erh= 0.9km erz= 0.2km
 nr= 6 gap=171 rms=0.02
 Locality: Csókakő
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	2.6	259	Pg	8:20:14.09	-0.01
			Sg	20:15.69	0.03
PKSG	7.8	70	Pg	8:20:14.48	0.00
			Sg	20:16.33	-0.02
PKST	23.1	238	Pg	8:20:16.67	0.02
			Sg	20:20.17	-0.03

249.

2018-03-16 time: 8:35:06.06 UTC ML= 1.7
 lat: 48.988N lon: 21.265E h= 0.9 km
 erh= 3.8km erz= 5.2km
 nr= 9 gap=105 rms=0.97
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
CRVS	17.3	124	Pg	8:35:08.88	-0.27
			Sg	35:10.68	-0.88
STHS	47.6	358	Sg	8:35:20.78	-0.42
KOLS	74.1	95	Pg	8:35:20.03	0.75
KECS	80.3	226	Sg	8:35:30.48	-1.10
TRPA	134.0	135	Pn	8:35:28.63	-1.05
PSZ	156.3	220	Pn	8:35:34.30	1.83
			Sn	35:54.14	1.07
VYHS	186.9	253	Sn	8:36:00.79	0.93

250.

2018-03-16 time: 8:42:27.90 UTC ML= 0.6
 lat: 46.160N lon: 18.304E h= 0.0 km
 erh= 1.6km erz= 322km
 nr= 6 gap=194 rms=0.20
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.7	243	Pg	8:42:30.95	-0.11
			Sg	42:33.33	-0.20
PKSM	26.6	78	Pg	8:42:32.92	0.27
			Sg	42:36.02	-0.34
PKSV	30.5	188	Pg	8:42:33.45	0.11
			Sg	42:37.69	0.11

251.

2018-03-16 time: 9:02:27.99 UTC ML= 2.0
 lat: 46.998N lon: 22.308E h= 3.3 km
 erh= 1.8km erz= 1.9km
 nr= 32 gap= 73 rms=0.90
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
DRGR	38.4	127	Pg	9:02:34.80	-0.07
			Sg	02:39.59	-0.64

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res
BORR	41.0	284	PgC	9:02:35.94		0.60	
			Sg	02:41.80		0.74	
MESR	51.5	71	PgD	9:02:37.65		0.43	
			Sg	02:44.00		-0.41	
SIRR	95.2	211	PgD	9:02:45.11		0.10	
			Sg	02:56.80		-1.48	
CJR	103.4	108	PgD	9:02:46.15		-0.31	
			Sg	02:59.30		-1.57	
BMR	117.0	50	PgC	9:02:49.16		0.26	
			Sg	03:04.50		-0.71	
TRPA	127.1	8	Pn	9:02:50.00		-0.45	
			Sn	03:04.66		-3.31	
DEV	132.1	160	PnC	9:02:51.26		0.18	
SURR	139.0	186	PnC	9:02:51.98		0.04	
			Sn	03:08.00		-2.62	
ARCR	155.8	86	Pn	9:02:54.73		0.70	
			Sn	03:14.40		0.06	
BZS	162.6	199	Pn	9:02:55.67		0.79	
			Sn	03:14.30		-1.54	
GZR	182.0	169	PnD	9:02:59.16		1.85	
			Sn	03:21.10		0.93	
LOT	206.0	147	Sn	9:03:27.20		1.72	
PSZ	208.8	299	Pn	9:03:00.11		-0.53	
			Sn	03:25.53		-0.57	
BURA	230.4	73	PnD	9:03:04.80		1.46	
HERR	235.5	178	Sn	9:03:33.00		0.97	
MDVR	250.7	191	Sn	9:03:36.10		0.69	
ARR	255.2	135	PnC	9:03:07.76		1.34	
VOIR	273.6	129	PnC	9:03:09.88		1.15	
			Sn	03:40.00		-0.50	

252.

2018-03-16 time: 9:02:54.44 UTC ML= 1.7
 lat: 48.604N lon: 20.733E h= 0.0 km
 erh= 1.4km erz= 1.4km
 nr= 8 gap=147 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.7	234	Pg	9:02:58.82		0.32	
			Sg	03:01.83		0.17	
PSZ	98.5	219	Pg	9:03:12.41		0.39	
			Sg	03:25.51		-0.23	
LANS	111.0	303	Pg	9:03:14.52		0.26	
KOLS	119.0	72	Sg	9:03:31.92		-0.34	
A336	134.8	252	Sn	9:03:36.25		-0.64	
VYHS	140.6	265	Sn	9:03:37.04		-1.13	

253.

2018-03-17 time: 5:22:20.93 UTC ML= 0.6
 lat: 47.405N lon: 18.215E h= 0.0 km
 erh= 3.2km erz= 381km
 nr= 6 gap=236 rms=0.16
 Locality: Pusztavám
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	5.8	143	Pg	5:22:21.91		-0.05	
			Sg	22:22.26		-0.51	
PKSG	13.4	96	Pg	5:22:23.35		0.04	
			Sg	22:25.20		0.02	
PKST	21.2	220	Pg	5:22:24.86		0.15	
			Sg	22:27.73		0.07	

254.

2018-03-17 time: 9:01:30.58 UTC ML= 1.5
 lat: 47.064N lon: 18.020E h= 0.0 km
 erh= 1.8km erz= 754km
 nr= 17 gap= 80 rms=0.66
 Locality: Balatonfűzfő
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TIH	20.6	208	Pg	9:01:35.04		0.78	
PKST	21.7	3	Sg	9:01:38.20		0.71	
CSKK	37.9	29	Pg	9:01:37.20		-0.16	
			Sg	01:42.26		-0.38	
MPLH	38.4	288	Sg	9:01:42.57		-0.20	
PKSG	46.0	38	Pg	9:01:38.29		-0.51	
			Sg	01:44.72		-0.49	
PKB1	66.5	118	Pg	9:01:43.42		0.97	
			Sg	01:51.54		-0.18	
PKB5	75.5	134	Pg	9:01:44.60		0.54	
			Sg	01:54.62		0.05	
PKB4	77.2	145	Pg	9:01:44.70		0.33	
			Sg	01:55.54		0.41	
PKSM	106.0	153	Pg	9:01:48.89		-0.61	
			Sg	02:01.49		-2.77	
KOVH	108.6	177	Pg	9:01:49.93		-0.04	
			Sg	02:03.25		-1.85	

255.

2018-03-17 time: 14:15:15.20 UTC ML= 0.5
 lat: 47.359N lon: 18.257E h= 2.3 km
 erh= 4.2km erz= 1.2km
 nr= 6 gap=167 rms=0.15
 Locality: Csókakő
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	0.5	27	Pg	14:15:15.55		-0.07	
			Sg	15:15.95		0.01	
PKSG	10.7	70	Pg	14:15:16.99		-0.16	
			Sg	15:18.94		0.26	
PKST	20.2	237	Pg	14:15:18.76		-0.07	
			Sg	15:21.88		0.22	

256.

2018-03-17 time: 22:29:18.88 UTC ML= 0.0
 lat: 47.356N lon: 18.260E h= 2.0 km
 erh= 5.4km erz= 2.6km
 nr= 6 gap=170 rms=0.15
 Locality: Csókakő
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	0.8	3	Pg	22:29:19.24		-0.03	
			Sg	29:19.56		-0.01	
PKSG	10.6	68	Pg	22:29:20.75		-0.07	
			Sg	29:22.52		0.19	
PKST	20.2	238	Pg	22:29:22.33		-0.18	
			Sg	29:25.61		0.27	

257.

2018-03-18 time: 1:50:38.30 UTC ML= 0.3
 lat: 47.383N lon: 18.238E h= 0.2 km
 erh= 4.2km erz=40.2km
 nr= 5 gap=217 rms=0.07
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	2.8	143	PgU	1:50:38.79		-0.02	
			Sg	50:39.18		-0.03	
PKSG	11.6	85	Pg	1:50:40.28		-0.09	
			Sg	50:42.11		0.13	
PKST	20.7	228	Pg	1:50:44.93		0.06	

Földrengés paraméterek

Hypocenter Parameters

258.

2018-03-18 time: 17:51:04.77 UTC ML= 1.9
 lat: 46.072N lon: 17.045E h= 10.0 km
 erh= 3.2km erz= 2.2km
 nr= 24 gap=155 rms=0.86
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
BEHE	48.9	335	Pg	17:51:14.19	0.51
			Sg	51:20.10	-0.53
KOGS	74.2	304	Pg	17:51:19.26	1.12
			Sg	51:28.26	-0.30
KOVH	81.6	89	Pg	17:51:19.56	0.10
			Sg	51:28.93	-1.98
PTJ	86.4	257	Sg	17:51:31.70	-0.72
PKSV	95.7	102	Pg	17:51:22.81	0.85
			Sg	51:34.29	-1.08
PKS9	110.9	59	Sn	17:51:38.76	-0.87
TIH	112.7	35	Pn	17:51:23.96	-0.62
			Sn	51:38.98	-1.05
PKSM	124.3	83	Pn	17:51:25.32	-0.71
			Sn	51:42.22	-0.39
MPLH	127.8	17	Pn	17:51:25.65	-0.81
			Sn	51:43.04	-0.34
PKB4	129.0	69	Pn	17:51:27.78	1.16
			Sn	51:43.49	-0.17
PKB5	142.5	66	Sn	17:51:47.24	0.58
PKST	152.1	30	Pn	17:51:29.58	0.09
			Sn	51:49.01	0.23
PKB1	155.9	59	Sn	17:51:51.07	1.45
PKSG	179.1	35	Sn	17:51:57.00	2.22
PKS6	202.6	73	Sn	17:52:00.94	0.94

259.

2018-03-19 time: 10:00:35.70 UTC ML= 1.4
 lat: 46.126N lon: 18.060E h= 0.0 km
 erh= 1.1km erz= 141km
 nr= 5 gap=262 rms=0.06
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	5.2	144	Pg	10:00:36.62	-0.01
			Sg	00:37.42	0.07
PKSM	45.9	78	Pg	10:00:43.79	-0.10
			Sg	00:50.27	-0.01
PKB4	58.7	46	Pg	10:00:46.25	0.07

260.

2018-03-19 time: 10:47:45.19 UTC ML= 1.3
 lat: 47.093N lon: 18.052E h= 0.0 km
 erh= 1.3km erz= 494km
 nr= 13 gap=118 rms=0.41
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.5	356	Pg	10:47:47.88	-0.60
			Sg	47:50.96	-0.09
TIH	24.7	209	Pg	10:47:49.40	-0.19
			Sg	47:55.42	2.39
CSKK	33.9	28	Pg	10:47:51.69	0.45
			Sg	47:56.60	0.63
MPLH	39.8	282	Pg	10:47:52.17	-0.12
			Sg	47:58.08	0.25
PKSG	42.0	38	Pg	10:47:52.72	0.04
			Sg	47:58.08	-0.44
PKSM	107.9	155	Pg	10:48:04.75	0.29
KOVH	111.8	178	Pg	10:48:05.33	0.18
			Sg	48:20.08	-0.64

261.

2018-03-19 time: 11:02:47.03 UTC ML= 2.0
 lat: 48.181N lon: 16.916E h= 0.0 km
 erh= 1.9km erz= 2.5km
 nr= 10 gap=142 rms=0.41
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	14.0	83	PgU	11:02:49.69	0.16
			Sg	02:51.46	-0.02
KRUC	105.1	339	Pg	11:03:06.31	0.50
			Sg	03:20.54	0.08
VRAC	127.5	349	Pg	11:03:09.70	-0.11
			Sg	03:26.70	-0.87
VYHS	146.6	76	Pn	11:03:12.82	0.48
			Sn	03:31.20	-0.88
ARSA	147.1	225	Pn	11:03:12.44	0.03
			Sn	03:31.79	-0.41

262.

2018-03-20 time: 1:01:06.03 UTC ML= 1.6
 lat: 46.112N lon: 16.510E h= 10.0 km
 erh= 3.1km erz= 3.0km
 nr= 11 gap=141 rms=0.78
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	42.3	332	Sg	1:01:19.46	-0.39
BEHE	44.7	27	Pg	1:01:14.47	0.26
			Sg	01:20.66	0.06
PTJ	48.8	241	Pg	1:01:15.02	0.10
			Sg	01:21.18	-0.68
ZAG	50.9	232	Pg	1:01:15.74	0.46
			Sg	01:23.16	0.65
KOVH	123.0	91	Pn	1:01:25.97	-1.15
			Sn	01:42.34	-1.23
ARSA	147.3	329	Sn	1:01:49.59	0.62
PKSM	165.0	86	Sn	1:01:54.90	2.00

263.

2018-03-20 time: 9:03:38.54 UTC ML= 1.5
 lat: 48.594N lon: 20.763E h= 0.0 km
 erh= 2.1km erz= 2.2km
 nr= 11 gap=149 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.9	239	Pg	9:03:42.90	0.09
CRVS	61.7	56	Sg	03:45.64	-0.50
			Pg	9:03:49.86	0.30
STHS	98.0	21	Sg	03:57.86	-0.30
			Pg	9:03:56.54	0.50
PSZ	99.0	221	Pg	9:03:56.72	0.50
			Sg	04:10.19	0.17
LANS	113.4	303	Pg	9:03:58.69	-0.09
KOLS	117.3	71	Sg	9:04:15.07	-0.74
A336	136.6	253	Sn	9:04:20.36	-1.02
VYHS	142.7	266	Sn	9:04:22.58	-0.15

264.

2018-03-20 time: 9:12:54.10 UTC ML= 1.2
 lat: 48.657N lon: 19.118E h= 0.0 km
 erh= 4.1km erz= 6.9km
 nr= 8 gap=155 rms=0.93
 Locality: Slovakia
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
VYHS	27.6	229	Pg	9:12:58.89	-0.14
			Sg	13:03.11	0.23
A336	48.0	191	Sg	9:13:09.76	0.40
LANS	60.6	25	Pg	9:13:05.19	0.27
PSZ	100.4	145	Pg	9:13:13.57	1.54
			Sg	13:25.06	-0.95
KECS	102.8	101	Sg	9:13:24.85	-1.93
A339	142.4	230	Sn	9:13:37.57	-0.65

265.

2018-03-20 time: 10:15:44.89 UTC ML= 1.9
 lat: 48.871N lon: 20.490E h= 0.0 km
 erh= 1.9km erz= 2.8km
 nr= 20 gap= 54 rms=0.88
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	43.1	180	Pg	10:15:52.83	0.24
			Sg	15:58.78	0.18
NIE	62.3	348	Pg	10:15:57.99	1.98
			Sg	16:04.35	-0.33
CRVS	71.3	87	Pg	10:15:57.64	0.02
			Sg	16:07.79	0.24
LANS	81.0	293	Pg	10:16:00.02	0.67
			Sg	16:09.38	-1.25
STHS	81.9	42	Pg	10:15:59.47	-0.04
			Sg	16:08.79	-2.12
ABAH	84.5	139	Pg	10:16:00.58	0.60
PSZ	114.8	203	Pg	10:16:05.74	0.36
			Sg	16:20.69	-0.68
VYHS	128.8	251	Pg	10:16:07.92	0.03
			Sg	16:22.43	-3.40
KOLS	130.9	87	Pn	10:16:08.06	-0.18
			Sn	16:26.18	-0.28
A336	131.0	237	Sn	10:16:25.06	-1.41
PENC	149.9	217	Sn	10:16:30.70	0.02
MORC	236.8	295	Sn	10:16:51.66	1.70

266.

2018-03-20 time: 11:02:35.84 UTC ML= 1.6
 lat: 48.158N lon: 16.900E h= 0.0 km
 erh= 1.8km erz= 3.3km
 nr= 16 gap= 88 rms=0.77
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	15.6	74	Pg	11:02:38.70	0.07
			Sg	02:40.94	0.13
MODS	36.9	49	ePg	11:02:42.40	-0.03
			eSg	02:46.80	-0.76
A337	66.8	82	Pg	11:02:47.81	0.04
RONA	68.1	222	Pg	11:02:47.86	-0.13
			Sg	02:56.17	-1.30
CONA	81.5	252	Sg	11:03:01.95	0.19
KRUC	107.2	340	Pg	11:02:55.85	0.86
			Sg	03:09.52	-0.40
MPLH	119.8	156	Sg	11:03:12.15	-1.78
VRAC	129.9	350	Pg	11:02:59.13	0.09
			Sg	03:15.44	-1.70
ARSA	144.4	226	Pn	11:03:02.45	1.57
			Sn	03:20.73	0.32
VYHS	148.3	75	Pn	11:03:02.21	0.84

267.

2018-03-21 time: 9:59:07.27 UTC ML= 1.4
 lat: 48.672N lon: 20.367E h= 0.0 km
 erh= 2.7km erz= 926km
 nr= 11 gap=123 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.7	157	Pg	9:59:11.05	-0.28
			Sg	59:14.13	-0.37
ABAH	76.9	123	Pg	9:59:21.70	0.70
			Sg	59:31.11	-0.59
CRVS	84.4	72	Pg	9:59:22.34	-0.01
LANS	84.7	309	Pg	9:59:22.58	0.18
			Sg	59:33.07	-1.14
PSZ	90.8	203	Pg	9:59:23.86	0.37
			Sg	59:35.98	-0.16
VYHS	114.7	260	Pg	9:59:29.71	1.96
			Sg	59:42.59	-1.13

268.

2018-03-21 time: 10:06:44.95 UTC ML= 1.4
 lat: 48.603N lon: 20.774E h= 0.0 km
 erh= 2.4km erz= 3.0km
 nr= 11 gap=114 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.1	238	Pg	10:06:49.63	0.19
			Sg	06:52.33	-0.60
ABAH	48.5	135	Sg	10:07:00.51	0.13
CRVS	60.5	57	Pg	10:06:56.37	0.61
PSZ	100.3	221	Pg	10:07:03.62	0.75
			Sg	07:16.52	-0.32
LANS	113.5	302	Pg	10:07:05.32	0.10
KOLS	116.2	72	eSg	10:07:20.50	-1.38
A336	137.7	253	Sn	10:07:27.68	-0.35
VYHS	143.6	265	Pn	10:07:10.20	0.31
			Sn	07:28.03	-1.31

269.

2018-03-21 time: 12:31:50.10 UTC ML= 1.5
 lat: 48.661N lon: 20.231E h= 0.0 km
 erh= 2.9km erz= ***km
 nr= 10 gap=132 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	27.3	136	Pg	12:31:55.04	0.07
			Sg	31:58.35	-0.42
NIE	84.5	4	Pg	12:32:05.92	0.73
			Sg	32:15.63	-1.34
PSZ	86.3	197	Pg	12:32:05.60	0.09
			Sg	32:17.10	-0.42
A336	102.8	242	Pg	12:32:09.05	0.59
			Sg	32:21.43	-1.36
VYHS	104.6	260	Pg	12:32:10.08	1.30
			Sg	32:22.65	-0.70

270.

2018-03-22 time: 12:28:50.81 UTC ML= 1.6
 lat: 47.868N lon: 19.128E h= 0.0 km
 erh= 1.0km erz= 2.6km
 nr= 14 gap= 69 rms=0.40
 Locality: Nőtincs
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
PENC	14.3	127	Pg	12:28:53.11	-0.25
			Sg	28:54.81	-0.55
A336	41.8	347	Pg	12:28:58.25	-0.01
			Sg	29:04.46	0.38
PSZ	57.6	84	Pg	12:29:01.34	0.26
			Sg	29:09.17	0.07
A338	60.3	286	Sg	12:29:10.00	0.04
VYHS	73.0	343	Pg	12:29:04.17	0.34
			Sg	29:13.56	-0.44
PKS7	91.2	178	Sg	12:29:20.74	0.93
PKST	106.6	231	Pg	12:29:08.94	-0.90
			Sg	29:24.81	0.13
KECS	122.0	56	Pg	12:29:12.59	0.01
MPLH	142.6	237	Sn	12:29:35.19	0.21

271.

2018-03-23 time: 8:23:03.81 UTC ML= 1.2
 lat: 47.110N lon: 18.055E h= 0.0 km
 erh= 1.9km erz= 607km
 nr= 10 gap=161 rms=0.47
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.7	355	Pg	8:23:06.52	-0.26
			Sg	23:09.60	0.49
TIH	26.4	208	Pg	8:23:08.86	0.34
			Sg	23:13.01	0.82
MPLH	39.6	280	Pg	8:23:10.88	-0.01
			Sg	23:15.73	-0.68
MORH	109.1	156	Pg	8:23:23.25	-0.05
			Sg	23:38.38	-0.12
PKSM	109.5	156	Pg	8:23:23.46	0.11
			Sg	23:37.07	-1.53

272.

2018-03-23 time: 8:30:29.44 UTC ML= 1.0
 lat: 47.324N lon: 18.497E h= 0.0 km
 erh= 2.9km erz= 835km
 nr= 7 gap=117 rms=0.56
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	11.1	313	PgU	8:30:31.81	0.39
			Sg	30:32.22	-0.74
CSKK	18.4	284	Pg	8:30:33.14	0.41
			Sg	30:34.35	-0.95
PKST	35.8	258	Pg	8:30:36.43	0.60
PKSM	124.1	175	Sg	8:31:08.60	-0.28
PSZ	124.1	58	Sg	8:31:08.57	-0.32

273.

2018-03-23 time: 9:30:18.71 UTC ML= 1.4
 lat: 48.607N lon: 20.747E h= 0.0 km
 erh= 1.9km erz= 3.4km
 nr= 9 gap=153 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.7	234	Pg	9:30:23.34	0.39
			Sg	30:26.26	0.00
ABAH	50.2	134	Pg	9:30:27.53	-0.15
			Sg	30:34.73	0.05
CRVS	61.9	58	Pg	9:30:29.90	0.13
			Sg	30:38.07	-0.32
PSZ	99.4	220	Pg	9:30:37.13	0.67
			Sg	30:49.61	-0.69
VYHS	141.7	265	Sn	9:31:01.70	-0.97

274.

2018-03-23 time: 10:44:10.75 UTC ML= 1.6
 lat: 48.215N lon: 21.229E h= 0.0 km
 erh= 2.8km erz= 882km
 nr= 9 gap=156 rms=0.67
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	9.0	5	PgU	10:44:11.98	-0.38
			Sg	44:13.29	-0.33
KECS	62.6	298	Pg	10:44:21.93	-0.01
			Sg	44:30.27	-0.39
CRVS	78.3	13	Pg	10:44:24.92	0.19
			Sg	44:37.76	2.12
TRPA	97.9	96	Pg	10:44:29.04	0.81
			Sg	44:40.88	-0.99
PSZ	104.8	252	Sg	10:44:43.76	-0.30

275.

2018-03-23 time: 11:01:09.72 UTC ML= 1.5
 lat: 48.799N lon: 20.734E h= 0.0 km
 erh= 5.3km erz= ***km
 nr= 6 gap=170 rms=0.78
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	39.5	208	Pg	11:01:18.21	1.43
			Sg	01:21.60	-0.69
ABAH	67.2	146	Pg	11:01:21.95	0.23
			Sg	01:30.43	-0.65
NIE	75.5	336	Sg	11:01:33.22	-0.50
PSZ	116.0	212	Sg	11:01:46.12	-0.46

276.

2018-03-24 time: 10:02:57.45 UTC ML= 0.8
 lat: 46.175N lon: 18.289E h= 6.7 km
 erh= 0.6km erz= 2.0km
 nr= 8 gap=204 rms=0.09
 Locality: Zobákpuszta
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOVH	17.5	237	Pg	10:03:00.64	-0.15
			Sg	03:03.49	0.09
PKSM	27.5	81	Pg	10:03:02.58	0.08
			Sg	03:06.42	-0.03
MORH	27.8	81	Pg	10:03:02.63	0.08
			Sg	03:06.44	-0.10
PKSV	32.0	185	Pg	10:03:03.32	0.04
			Sg	03:07.82	-0.01

277.

2018-03-24 time: 14:52:45.96 UTC ML= 1.7
 lat: 47.926N lon: 21.895E h= 8.4 km
 erh= 2.1km erz= 2.1km
 nr= 15 gap= 84 rms=0.69
 Locality: Napkor
 Comments:

sta	dist	azm	phase	hr mn sec	res
TRPA	53.2	65	Pg	14:52:55.88	0.31
			Sg	53:02.70	-0.37
LTVH	60.2	180	Pg	14:52:56.95	0.14
			Sg	53:05.14	-0.14
ABAH	63.8	310	Pg	14:52:57.41	-0.04
			Sg	53:05.35	-1.07
CRVS	113.2	344	Pn	14:53:06.24	0.21
DRGR	140.4	154	Pn	14:53:09.90	0.47

Hypocenter Parameters

Földrengés paraméterek

		Sn	53:26.19	-1.55	
PSZ	149.5	270	Pn	14:53:11.05	0.49
			Sn	53:29.34	-0.41
MARR	167.0	146	PnC	14:53:13.56	0.81
			Sn	53:32.30	-1.34
SIRR	185.3	186	PnC	14:53:17.85	2.83
			Sn	53:38.40	0.71

278.

2018-03-26 time: 2:07:13.83 UTC ML= 0.2
 lat: 47.381N lon: 18.070E h= 0.2 km
 erh= 9.3km erz= 457km
 nr= 6 gap=256 rms=0.15
 Locality: Súr
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKST	13.9	191	PgD	2:07:16.46	0.15
			Sg	07:18.09	-0.15
CSKK	14.5	98	Pg	2:07:16.46	0.03
			Sg	07:18.28	-0.17
PKSG	24.2	87	Pg	2:07:18.03	-0.13
			Sg	07:21.78	0.24

279.

2018-03-26 time: 7:51:14.43 UTC ML= 1.3
 lat: 48.614N lon: 20.762E h= 0.0 km
 erh= 1.9km erz= 3.6km
 nr= 10 gap=116 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.1	235	Pg	7:51:18.98	0.07
			Sg	51:22.09	-0.31
ABAH	50.0	135	Sg	7:51:30.14	-0.18
CRVS	60.6	58	Pg	7:51:25.80	0.55
			Sg	51:32.83	-0.86
PSZ	100.7	220	Pg	7:51:32.86	0.45
			Sg	51:46.15	-0.28
LANS	112.1	302	Pg	7:51:34.57	0.12
VYHS	142.8	265	Pn	7:51:39.54	0.27
			Sn	51:57.20	-1.45

280.

2018-03-26 time: 8:43:36.50 UTC ML= 1.2
 lat: 47.290N lon: 17.649E h= 0.0 km
 erh= 1.1km erz= 316km
 nr= 8 gap=138 rms=0.22
 Locality: Homokbödöge
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	15.7	212	Pg	8:43:39.38	0.07
			Sg	43:41.51	0.01
EGYH	27.8	301	Pg	8:43:41.14	-0.34
			Sg	43:45.63	0.27
PKST	29.3	97	Pg	8:43:41.49	-0.25
			Sg	43:45.94	0.11
PKSG	57.2	79	Pg	8:43:47.02	0.31
			Sg	43:54.58	-0.09

281.

2018-03-26 time: 8:50:57.51 UTC ML= 0.9
 lat: 47.292N lon: 17.633E h= 0.0 km
 erh= 1.3km erz= 366km
 nr= 6 gap=155 rms=0.21
 Locality: Homokbödöge
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	15.3	208	Pg	8:51:00.14	-0.10
			Sg	51:02.51	0.15
EGYH	26.7	302	Pg	8:51:02.10	-0.18
			Sg	51:06.08	0.08
PKST	30.6	97	Pg	8:51:03.31	0.34
			Sg	51:06.93	-0.30

282.

2018-03-26 time: 9:45:35.67 UTC ML= 1.8
 lat: 45.593N lon: 17.292E h= 13.1 km
 erh= 2.3km erz= 2.3km
 nr= 16 gap=119 rms=0.64
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	81.6	66	Sg	9:46:01.60	-0.34
KOVH	83.5	49	Pg	9:45:50.72	-0.04
			Sg	46:02.32	-0.21
BLY	94.2	185	P*	9:45:53.31	0.80
			S*	46:04.34	-1.31
BEHE	105.4	338	Pn	9:45:55.24	1.08
			Sn	46:07.30	-1.29
PTJ	109.3	288	Pn	9:45:55.26	0.61
			Sn	46:08.65	-0.80
KOGS	124.7	320	Pn	9:45:56.56	-0.01
			Sn	46:12.97	0.10
PKSM	125.3	57	Pn	9:45:56.23	-0.41
			Sn	46:12.82	-0.18
MORH	125.7	57	Pn	9:45:56.74	0.05
			Sn	46:13.02	-0.07
PKB4	142.8	45	Sn	9:46:17.70	0.81

283.

2018-03-26 time: 10:00:47.59 UTC ML= 1.6
 lat: 46.853N lon: 17.382E h= 0.0 km
 erh= 2.6km erz= 896km
 nr= 9 gap=114 rms=0.67
 Locality: Lesencetomaj
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	37.2	19	Pg	10:00:54.02	-0.21
			Sg	00:59.34	-0.07
EGYH	62.8	357	Sg	10:01:08.32	0.77
PKST	67.0	48	Pg	10:00:59.51	-0.04
			Sg	01:08.52	-0.36
KOGS	97.7	243	Sg	10:01:17.78	-0.85
KOVH	101.3	147	Pg	10:01:06.79	1.10
			Sg	01:20.19	0.39
PKSM	120.1	126	Sg	10:01:24.48	-1.27

284.

2018-03-26 time: 10:37:59.27 UTC ML= 1.3
 lat: 48.599N lon: 20.749E h= 0.0 km
 erh= 1.1km erz= 1.5km
 nr= 11 gap= 87 rms=0.23
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.3	236	Pg	10:38:03.71	0.28
			Sg	38:06.29	-0.38
ABAH	49.5	133	Pg	10:38:07.90	-0.21
CRVS	62.3	57	Pg	10:38:10.62	0.22
STHS	97.9	22	Pg	10:38:16.92	0.17
			Sg	38:29.94	-0.44
PSZ	98.7	220	Pg	10:38:16.87	-0.03
			Sg	38:30.59	-0.06
LANS	112.2	303	Pg	10:38:19.28	-0.02
VYHS	141.7	265	Pn	10:38:24.26	0.29

Földrengés paraméterek

Hypocenter Parameters

Sn 38:43.03 -0.20

285.

2018-03-27 time: 1:30:47.96 UTC ML= 1.0
 lat: 47.417N lon: 18.035E h= 0.5 km
 erh= 0.8km erz=44.6km
 nr= 6 gap=163 rms=0.47
 Locality: Aka
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKST	17.6	180	PgD	1:30:51.42			0.31
			Sg	30:52.97			-0.59
CSKK	18.0	109	PgD	1:30:51.44			0.26
			Sg	30:53.24			-0.45
PNNH	25.6	306	Pg	1:30:53.07			0.54
			Sg	30:55.41			-0.68

286.

2018-03-27 time: 8:00:09.92 UTC ML= 1.2
 lat: 46.232N lon: 18.471E h= 0.0 km
 erh= 1.9km erz= 759km
 nr= 11 gap=141 rms=0.62
 Locality: Mecseknádasd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSM	13.4	100	Pg	8:00:12.15			-0.15
			Sg	00:14.60			0.44
MORH	13.5	98	Pg	8:00:12.18			-0.15
			Sg	00:14.32			0.11
PKB4	31.1	19	Sg	8:00:18.89			-0.91
KOVH	32.8	241	Pg	8:00:15.81			0.04
			Sg	00:20.12			-0.22
PKS9	42.1	339	Sg	8:00:22.78			-0.52
PKB5	45.2	27	Sg	8:00:23.38			-0.90
PKB1	66.2	22	Pg	8:00:22.61			0.88
			Sg	00:32.44			1.50

287.

2018-03-27 time: 9:20:15.96 UTC ML= 1.5
 lat: 48.599N lon: 20.743E h= 0.0 km
 erh= 1.6km erz= 2.5km
 nr= 14 gap= 87 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.9	236	Pg	9:20:20.46			0.40
			Sg	20:23.05			-0.20
ABAH	49.9	133	Pg	9:20:25.44			0.57
			Sg	20:30.74			-1.07
CRVS	62.7	57	Pg	9:20:27.17			0.01
			Sg	20:35.41			-0.48
STHS	98.0	22	Pg	9:20:33.97			0.50
PSZ	98.5	220	Pg	9:20:33.93			0.38
			Sg	20:47.22			-0.04
LANS	111.8	303	Pg	9:20:35.93			0.00
			Sg	20:50.34			-1.17
A336	135.3	253	Sn	9:20:58.61			0.09
VYHS	141.3	265	Pn	9:20:40.88			0.27
			Sn	20:58.68			-1.15

288.

2018-03-27 time: 10:55:35.86 UTC ML= 1.8
 lat: 48.471N lon: 17.402E h= 0.0 km
 erh= 0.9km erz= 305km
 nr= 11 gap=127 rms=0.25
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	5.2	23	ePg	10:55:36.60			-0.19
			eSg	55:37.70			0.19
MODS	14.2	220	ePg	10:55:38.40			0.00
			eSg	55:41.10			0.72
ZST	37.8	216	Pg	10:55:42.38			-0.22
			Sg	55:47.62			-0.24
KRUC	99.0	312	Pg	10:55:53.91			0.37
			Sg	56:07.23			-0.09
VYHS	106.1	89	Pg	10:55:55.05			0.25
VRAC	110.4	328	Pg	10:55:55.29			-0.29
			Sg	56:11.16			0.21

289.

2018-03-28 time: 7:40:48.53 UTC ML= 1.6
 lat: 48.597N lon: 20.775E h= 0.0 km
 erh= 2.4km erz= 3.3km
 nr= 10 gap=151 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.9	239	Pg	7:40:53.02			0.05
			Sg	40:55.87			-0.57
ABAH	48.0	134	Pg	7:40:56.96			-0.14
			Sg	41:03.34			-0.44
CRVS	60.8	56	Pg	7:40:59.41			0.02
PSZ	99.9	221	Pg	7:41:07.35			0.98
			Sg	41:20.35			0.07
A336	137.6	253	Pn	7:41:12.99			0.27
VYHS	143.6	265	Pn	7:41:13.54			0.06
			Sn	41:31.62			-1.31

290.

2018-03-28 time: 8:15:16.15 UTC ML= 1.7
 lat: 46.130N lon: 18.043E h= 0.0 km
 erh= 1.2km erz= 298km
 nr= 15 gap=223 rms=0.26
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	6.4	136	PgU	8:15:17.08			-0.20
			Sg	15:18.57			0.40
PKSM	47.1	79	Pg	8:15:24.34			-0.22
			Sg	15:30.90			-0.22
MORH	47.4	78	Pg	8:15:24.44			-0.17
			Sg	15:30.94			-0.27
PKS9	54.0	20	Pg	8:15:26.11			0.33
			Sg	15:33.71			0.41
PKB4	59.4	47	Pg	8:15:26.73			-0.02
			Sg	15:35.28			0.26
PKB5	74.3	46	Pg	8:15:29.48			0.07
			Sg	15:40.14			0.39
PKB1	92.8	38	Sg	8:15:45.32			-0.32
PKB3	94.6	70	Pg	8:15:33.14			0.10
PKST	125.5	360	Pg	8:15:38.23			-0.33
			Sg	15:54.00			-2.05*

291.

2018-03-28 time: 11:53:57.94 UTC ML= 1.7
 lat: 46.153N lon: 18.028E h= 0.0 km
 erh= 2.6km erz= 550km
 nr= 7 gap=210 rms=0.37
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	9.1	142	PgU	11:53:59.50			-0.07
			Sg	54:00.66			-0.18
PKSM	47.8	82	Pg	11:54:06.79			0.32

Hypocenter Parameters

MORH 48.1 82 Sg 54:13.12 -0.01
 PKB4 58.5 49 Pg 11:54:12.95 -0.27
 TIH 83.6 353 Pg 11:54:09.02 0.64
 TIH 83.6 353 Pg 11:54:12.33 -0.54

292.

2018-03-28 time: 14:08:00.39 UTC ML= 1.6
 lat: 48.358N lon: 19.845E h= 0.0 km
 erh= 1.3km erz= 594km
 nr= 13 gap= 82 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	49.0	176	Pg	14:08:09.32	0.18
			Sg	08:15.66	-0.30
KECS	49.4	74	Pg	14:08:09.25	0.03
			Sg	08:16.10	0.00
A336	64.3	258	Pg	14:08:13.00	1.13
			Sg	08:20.74	-0.08
VYHS	76.2	281	Pg	14:08:14.08	0.09
			Sg	08:23.93	-0.68
LANS	92.4	343	Sg	14:08:29.66	-0.10
ABAH	103.6	94	Pg	14:08:17.88	-1.02
			Sg	08:33.57	0.24
NIE	122.9	16	Pg	14:08:22.83	0.50
			Sg	08:39.20	-0.25

293.

2018-03-29 time: 6:50:36.54 UTC ML= 1.3
 lat: 47.100N lon: 18.042E h= 0.0 km
 erh= 1.6km erz= 600km
 nr= 14 gap=116 rms=0.52
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.6	358	Pg	6:50:38.98	-0.70
			Sg	50:40.75	-1.39
TIH	25.0	207	Pg	6:50:40.99	-0.01
			Sg	50:44.76	0.28
CSKK	33.6	30	Pg	6:50:43.19	0.66
			Sg	50:47.36	0.15
MPLH	38.9	281	Pg	6:50:44.17	0.69
			Sg	50:49.26	0.37
PKSG	41.8	39	Pg	6:50:44.05	0.05
			Sg	50:50.15	0.33
MORH	108.6	155	Pg	6:50:55.96	0.03
PKSM	108.9	155	Pg	6:50:55.91	-0.08
KOVH	112.6	178	Pg	6:50:56.36	-0.28
			Sg	51:11.20	-1.13

294.

2018-03-29 time: 8:16:20.82 UTC ML= 1.5
 lat: 48.600N lon: 20.757E h= 0.0 km
 erh= 1.7km erz= 2.5km
 nr= 10 gap=114 rms=0.38
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.9	237	Pg	8:16:25.32	0.24
			Sg	16:28.05	-0.35
ABAH	49.2	133	Sg	8:16:36.16	-0.30
CRVS	61.8	57	Pg	8:16:32.07	0.22
			Sg	16:40.17	-0.28
PSZ	99.2	220	Pg	8:16:38.96	0.42
			Sg	16:52.05	-0.31
LANS	112.6	303	Sg	8:16:54.96	-1.66
VYHS	142.3	265	Pn	8:16:45.85	0.26
			Sn	17:04.93	0.01

Földrengés paraméterek

295.

2018-03-29 time: 9:00:40.85 UTC ML= 2.0
 lat: 48.219N lon: 21.239E h= 0.0 km
 erh= 2.7km erz= 2.9km
 nr= 8 gap=239 rms=0.42
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	8.6	0	PgU	9:00:42.09	-0.28
			Sg	00:43.47	-0.10
KECS	63.1	298	Pg	9:00:52.11	0.00
			Sg	01:00.79	-0.11
CRVS	77.7	12	ePg	9:00:54.40	-0.32
PSZ	105.6	252	Pg	9:01:00.48	0.77
			Sg	01:14.00	-0.42
NIE	149.8	333	Sn	9:01:27.43	0.83

296.

2018-03-30 time: 10:36:23.48 UTC ML= 1.8
 lat: 47.028N lon: 22.411E h= 14.0 km
 erh= 9.8km erz= 9.0km
 nr= 9 gap=134 rms=1.01
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
DRGR	34.8	139	PgU	10:36:30.15	-0.03
			Sg	36:35.09	-0.32
TRPA	123.0	5	Pn	10:36:45.06	1.01
			Sn	36:59.68	-0.42
AMBH	149.3	240	Pn	10:36:48.75	1.41
			Sn	37:03.51	-2.44
ABAH	166.2	328	Sn	10:37:08.11	-1.59
BZS	168.4	201	Pn	10:36:50.20	0.49
			Sn	37:09.74	-0.44

297.

2018-03-30 time: 12:08:45.77 UTC ML= 1.9
 lat: 46.943N lon: 22.019E h= 14.0 km
 erh= 7.0km erz= 6.9km
 nr= 6 gap=147 rms=0.52
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
DRGR	55.4	108	PgU	12:08:56.46	0.49
			Sg	09:02.98	-0.96
BZS	150.6	192	Pn	12:09:09.89	0.10
			Sn	09:28.06	-0.47
ABAH	161.5	339	Sn	12:09:30.76	-0.17
ARCR	178.3	85	Pn	12:09:13.74	0.51

298.

2018-04-03 time: 7:08:30.19 UTC ML= 1.2
 lat: 47.284N lon: 18.332E h= 0.0 km
 erh= 1.3km erz= 330km
 nr= 7 gap=148 rms=0.23
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	10.3	328	PgU	7:08:32.00	-0.02
			Sg	08:33.18	-0.28
PKSG	12.8	20	PgU	7:08:32.55	0.09
			Sg	08:34.28	0.04
PKST	22.7	263	PgU	7:08:34.48	0.24
			Sg	08:37.50	0.10
PKSM	121.5	169	Sg	7:09:08.11	-0.71

Földrengés paraméterek

Hypocenter Parameters

299.

2018-04-03 time: 7:16:29.45 UTC ML= 1.9
 lat: 47.350N lon: 18.405E h= 0.0 km
 erh= 2.0km erz= 267km
 nr= 6 gap=263 rms=0.16
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.8	347	Pg	7:16:30.27	-0.03
			Sg	16:30.81	-0.16
CSKK	11.0	278	Pg	7:16:31.50	0.09
			Sg	16:33.27	0.33
PKST	29.8	250	Pg	7:16:34.79	0.03
			Sg	16:38.65	-0.26

300.

2018-04-03 time: 9:14:13.67 UTC ML= 1.6
 lat: 48.091N lon: 20.689E h= 0.0 km
 erh= 2.0km erz= 2.5km
 nr= 11 gap=191 rms=0.40
 Locality: Bükkszentlászló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	46.1	341	Pg	9:14:22.31	0.40
			Sg	14:28.40	0.07
ABAH	46.8	61	Pg	9:14:22.31	0.28
			Sg	14:27.88	-0.67
PSZ	62.3	252	Pg	9:14:25.11	0.31
			Sg	14:33.21	-0.28
CRVS	106.7	32	ePg	9:14:33.10	0.37
			eSg	14:46.50	-1.09
A336	126.7	277	Pg	9:14:35.67	-0.63
VYHS	144.6	288	Pn	9:14:38.68	-0.06
			Sn	14:58.17	-0.12

301.

2018-04-03 time: 9:59:31.39 UTC ML= 1.0
 lat: 48.531N lon: 17.411E h= 0.0 km
 erh= 6.9km erz= ***km
 nr= 5 gap=241 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	2.3	146	Pg	9:59:31.99	0.19
			Sg	59:32.46	0.34
ZST	43.7	212	Sg	9:59:45.15	-0.13
VYHS	105.4	92	Pg	9:59:50.44	0.23
			Sg	10:00:03.64	-1.24

302.

2018-04-04 time: 8:57:34.55 UTC ML= 0.9
 lat: 47.207N lon: 18.288E h= 0.0 km
 erh= 1.4km erz= 446km
 nr= 9 gap=146 rms=0.33
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.5	353	Pg	8:57:37.70	0.01
			Sg	57:39.39	-0.74
PKST	20.1	287	Pg	8:57:38.18	0.04
			Sg	57:41.02	0.08
PKSG	22.0	21	Pg	8:57:38.66	0.18
			Sg	57:41.82	0.27
MORH	113.4	166	Sg	8:58:10.00	-0.62
PKSM	113.8	166	Pg	8:57:55.32	0.44
			Sg	58:10.52	-0.22

303.

2018-04-04 time: 10:14:27.13 UTC ML= 1.4
 lat: 48.596N lon: 20.727E h= 0.0 km
 erh= 3.0km erz= 839km
 nr= 7 gap=114 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.8	235	Pg	10:14:31.28	0.26
			Sg	14:33.57	-0.48
ABAH	50.5	131	Pg	10:14:37.10	0.95
			Sg	14:42.61	-0.58
CRVS	63.9	58	ePg	10:14:38.40	-0.13
			eSg	14:46.10	-1.33
LANS	111.0	304	Pg	10:14:46.97	0.01

304.

2018-04-04 time: 12:59:21.69 UTC ML= 2.2
 lat: 48.319N lon: 17.222E h= 0.0 km
 erh= 2.0km erz= 1.5km
 nr= 6 gap=246 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	26.5	35	Pg	12:59:26.20	-0.21
			Sg	59:29.80	-0.30
A337	42.9	101	Sg	12:59:35.06	-0.28
A339	63.4	149	Sg	12:59:41.82	0.00
A336	132.2	94	Pn	12:59:45.87	0.66
			Sn	13:00:03.77	0.22

305.

2018-04-05 time: 2:51:37.86 UTC ML= 1.8
 lat: 47.745N lon: 18.090E h= 15.4 km
 erh= 1.2km erz= 1.1km
 nr= 35 gap= 63 rms=0.64
 Locality: Komárom
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	18.3	66	Pg	2:51:42.13	-0.01
			Sg	51:43.84	-1.63
A339	33.9	286	Pg	2:51:44.92	0.41
			Sg	51:50.25	0.56
A338	35.9	33	Pg	2:51:45.42	0.59
			Sg	51:50.82	0.56
CSKK	44.3	163	Pg	2:51:46.44	0.20
			Sg	51:52.29	-0.49
PKSG	45.3	150	Pg	2:51:46.88	0.48
			Sg	51:52.90	-0.17
PKST	54.2	184	Pg	2:51:46.93	-0.99
			Sg	51:54.91	-0.86
A337	59.9	338	Pg	2:51:49.45	0.55
EGYH	67.7	237	Pg	2:51:50.29	0.03
			Sg	51:59.39	-0.55
MPLH	76.2	213	Pg	2:51:51.91	0.16
A336	86.9	51	P*	2:51:53.04	-0.34
			S*	52:03.74	-1.75
ZST	89.2	304	P*	2:51:53.23	-0.51
			S*	52:04.58	-1.55
PENC	89.4	87	P*	2:51:54.13	0.35
			S*	52:06.80	0.61
MODS	92.5	319	eP*	2:51:54.90	0.65
			eS*	52:06.50	-0.53
SMOL	98.7	330	eP*	2:51:55.50	0.32
			eS*	52:08.30	-0.39
VYHS	100.1	34	P*	2:51:55.37	-0.03
			S*	52:07.68	-1.40
SOP	115.2	267	Pn	2:51:57.93	0.64

Hypocenter Parameters

Földrengés paraméterek

Sn 52:11.88 -0.57
 RONA 134.7 268 Pn 2:52:00.49 0.76
 Sn 52:16.23 -0.55
 CONA 168.1 277 Pn 2:52:04.65 0.76
 Sn 52:24.83 0.63
 ARSA 201.1 254 Pn 2:52:08.31 0.30

306.

2018-04-05 time: 8:21:55.01 UTC ML= 1.4
 lat: 47.336N lon: 18.425E h= 0.0 km
 erh= 2.0km erz= 551km
 nr= 9 gap=195 rms=0.41
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	6.7	337	Pg	8:21:56.25	0.04
			Sg	21:56.81	-0.33
CSKK	12.8	284	PgU	8:21:57.40	0.11
			Sg	21:59.06	-0.01
PKST	30.7	254	Pg	8:22:00.89	0.39
			Sg	22:04.39	-0.40
MORH	125.7	172	Pg	8:22:18.26	0.81
			Sg	22:34.34	-0.62
PKSM	126.1	172	Sg	8:22:34.56	-0.53

307.

2018-04-05 time: 8:29:30.06 UTC ML= 1.3
 lat: 47.325N lon: 18.444E h= 0.0 km
 erh= 1.6km erz= 391km
 nr= 8 gap=202 rms=0.28
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.5	331	Pg	8:29:31.62	0.05
			Sg	29:32.28	-0.48
CSKK	14.5	287	Pg	8:29:32.80	0.14
			Sg	29:34.58	-0.10
PKST	31.9	257	Pg	8:29:36.14	0.39
			Sg	29:40.05	-0.14
MORH	124.2	173	Sg	8:30:09.08	-0.47
PKSM	124.6	173	Sg	8:30:09.94	0.26

308.

2018-04-05 time: 8:46:36.98 UTC ML= 1.6
 lat: 48.592N lon: 20.766E h= 0.0 km
 erh= 1.6km erz= 3.0km
 nr= 8 gap= 88 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	48.1	133	Pg	8:46:45.96	0.40
			Sg	46:51.84	-0.42
CRVS	61.7	56	Sg	8:46:56.31	-0.29
STHS	98.2	21	Pg	8:46:54.51	0.00
PSZ	99.0	221	Pg	8:46:55.24	0.59
			Sg	47:07.98	-0.45
LANS	113.7	303	Pg	8:46:57.44	0.16
A336	136.7	253	Sn	8:47:19.20	-0.65

309.

2018-04-05 time: 16:36:21.54 UTC ML= 1.7
 lat: 47.634N lon: 17.959E h= 4.0 km
 erh= 0.9km erz= 1.2km
 nr= 28 gap= 66 rms=0.48
 Locality: Bábolya
 Comments:

sta	dist	azm	phase	hr mn sec	res
PNNH	17.4	239	Pg	16:36:24.64	-0.09
			Sg	36:27.27	0.05
A339	31.5	314	Pg	16:36:27.85	0.65
			Sg	36:31.71	0.09
SRO	33.2	53	Pg	16:36:28.40	0.88
CSKK	37.7	143	Pg	16:36:28.85	0.54
			Sg	36:33.75	0.16
PKST	42.1	172	Pg	16:36:28.83	-0.25
			Sg	36:34.44	-0.53
PKSG	42.2	130	Pg	16:36:29.28	0.17
			Sg	36:35.22	0.21
EGYH	53.0	243	Pg	16:36:31.12	0.08
			Sg	36:38.04	-0.40
MPLH	60.5	212	Pg	16:36:32.16	-0.21
			Sg	36:38.98	-1.83
TIH	81.7	184	Pg	16:36:36.05	-0.10
MODS	96.7	328	ePg	16:36:38.80	-0.03
			eSg	36:51.50	-0.81
A336	102.4	49	Pg	16:36:40.03	0.20
			Sg	36:53.15	-0.95
VYHS	115.8	34	Pg	16:36:41.94	-0.30
			Sg	36:57.12	-1.26
PSZ	148.5	78	Sn	16:37:05.13	-0.98
MORH	166.0	162	Pn	16:36:49.24	0.47
			Sn	37:10.26	0.25
PKSM	166.4	162	Sn	16:37:10.54	0.45
KOVH	172.1	176	Sn	16:37:11.44	0.07
ARSA	188.6	257	Sn	16:37:15.56	0.54

310.

2018-04-06 time: 8:54:18.47 UTC ML= 1.3
 lat: 47.033N lon: 17.793E h= 0.0 km
 erh= 1.8km erz= 538km
 nr= 8 gap=156 rms=0.38
 Locality: Tótvázsony
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
TIH	16.6	153	Pg	8:54:21.45	0.01
			Sg	54:24.14	0.39
MPLH	24.6	308	Pg	8:54:23.42	0.57
			Sg	54:25.57	-0.70
PKST	31.1	36	Pg	8:54:24.15	0.12
			Sg	54:28.31	-0.05
PKB5	86.9	124	Sg	8:54:45.59	-0.49
PKSM	112.0	145	Sg	8:54:53.81	-0.27

311.

2018-04-06 time: 8:57:33.02 UTC ML= 0.9
 lat: 46.182N lon: 18.285E h= 0.0 km
 erh= 0.5km erz=81.2km
 nr= 6 gap=208 rms=0.05
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.7	234	Pg	8:57:36.13	-0.05
			Sg	57:38.71	0.06
PKSM	27.7	83	Pg	8:57:37.95	-0.01
			Sg	57:41.89	0.08
MORH	27.9	82	Sg	8:57:41.86	-0.04
PKSV	32.7	185	Sg	8:57:43.40	-0.01

312.

2018-04-06 time: 8:59:13.14 UTC ML= 1.2
 lat: 47.195N lon: 18.298E h= 0.0 km
 erh= 1.1km erz= 143km
 nr= 6 gap=272 rms=0.09
 Locality: Székesfehérvár
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
CSKK	18.9	351	Pg	8:59:16.55	0.04
			Sg	59:18.94	-0.19
PKST	21.2	289	Pg	8:59:16.84	-0.08
			Sg	59:19.96	0.09
PKSG	22.9	18	Pg	8:59:17.29	0.06
			Sg	59:20.46	0.03

313.

2018-04-06 time: 9:15:52.92 UTC ML= 1.9
 lat: 48.229N lon: 21.191E h= 0.0 km
 erh= 3.7km erz= 6.3km
 nr= 8 gap=125 rms=0.79
 Locality: Golop
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	8.3	26	Pg	9:15:53.76	-0.64
			Sg	15:54.55	-1.01
CRVS	77.5	15	eSg	9:16:19.70	2.15
PSZ	102.6	250	Pg	9:16:11.52	0.28
			Sg	16:25.06	-0.47
LTVH	107.8	150	Sg	9:16:27.48	0.29
STHS	132.2	2	ePn	9:16:16.80	0.37
			eSn	16:34.50	-0.27

314.

2018-04-08 time: 0:49:51.93 UTC ML= 1.8
 lat: 47.706N lon: 18.990E h= 7.3 km
 erh= 1.1km erz= 1.1km
 nr= 39 gap= 52 rms=0.66
 Locality: Pilisszentlászló
 Comments:

sta	dist	azm	phase	hr mn sec	res
PENC	23.8	67	Pg	0:49:56.50	0.13
			Sg	49:59.14	-0.69
BUD	24.8	174	Pg	0:49:57.14	0.59
			Sg	49:59.96	-0.20
SRO	52.2	283	Sg	0:50:08.11	-0.56
PKSG	57.1	232	Pg	0:50:02.14	-0.07
			Sg	50:10.38	0.16
A336	58.6	1	Pg	0:50:02.94	0.46
			Sg	50:09.74	-0.97
A338	58.8	306	Pg	0:50:03.54	1.02
			Sg	50:11.31	0.53
CSKK	66.9	235	Pg	0:50:03.68	-0.26
			Sg	50:13.25	-0.07
PSZ	71.7	71	Sg	0:50:13.27	-1.57
PKS7	74.3	170	Sg	0:50:15.11	-0.56
PKST	87.5	235	Pg	0:50:07.14	-0.48
VYHS	88.4	353	Sg	50:19.73	-0.12
			Pg	0:50:07.90	0.13
PKB1	103.5	188	Sg	50:18.12	-2.00
			Pg	0:50:10.55	0.08
BSZH	106.3	115	Sg	50:23.40	-1.53
			Pg	0:50:11.55	0.60
PKSN	111.7	144	Sg	50:26.46	0.68
			Pg	0:50:12.57	0.65
PKB2	116.3	171	Pn	0:50:13.13	0.60
			Sn	50:27.17	-1.43
MPLH	124.6	241	Pn	0:50:13.74	0.17
			Sn	50:30.13	-0.32
PKB5	125.0	189	Pn	0:50:13.62	0.00
			Sn	50:29.52	-1.02
EGYH	128.9	256	Sn	0:50:31.22	-0.18
PKS6	130.4	161	Sn	0:50:32.02	0.27
PKS2	136.0	173	Sn	0:50:33.01	0.03
PKB4	137.6	192	Pn	0:50:16.16	0.96
			Sn	50:32.88	-0.46
KECS	141.0	52	ePn	0:50:16.90	1.29
			eSn	50:34.80	0.71
PKB3	143.4	174	Sn	0:50:34.58	-0.04

ZST	151.2	291	Sn	0:50:35.77	-0.58
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315.

2018-04-08 time: 19:14:14.32 UTC ML= 0.5
 lat: 47.339N lon: 18.256E h= 3.7 km
 erh= 1.3km erz= 1.1km
 nr= 6 gap=182 rms=0.09
 Locality: Csókakő
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	2.7	8	Pg	19:14:15.28	0.14
			Sg	14:15.74	-0.03
PKSG	11.8	60	Pg	19:14:16.54	0.01
			Sg	14:18.12	-0.13
PKST	18.9	242	Pg	19:14:17.79	0.03
			Sg	14:20.33	-0.12

316.

2018-04-08 time: 21:35:05.26 UTC ML= 1.3
 lat: 46.259N lon: 16.140E h= 10.0 km
 erh= 2.5km erz= 2.7km
 nr= 11 gap=135 rms=0.64
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	22.7	22	Pg	21:35:10.12	0.44
			Sg	35:13.33	0.20
PTJ	42.3	199	Pg	21:35:13.70	0.67
			Sg	35:18.36	-0.73
BEHE	54.2	64	Sg	21:35:22.28	-0.50
CRES	71.5	228	Pg	21:35:18.48	0.32
			Sg	35:27.82	-0.40
SOKA	97.0	299	Pg	21:35:22.70	0.03
ARSA	119.9	337	Sg	35:34.87	-1.38
			Sn	21:35:41.42	-0.69
OBKA	125.5	283	Sn	21:35:44.56	1.19

317.

2018-04-09 time: 8:37:00.88 UTC ML= 1.5
 lat: 48.587N lon: 20.757E h= 0.0 km
 erh= 1.5km erz= 2.4km
 nr= 12 gap= 89 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	48.2	132	Pg	8:37:09.82	0.33
			Sg	37:15.84	-0.36
CRVS	62.6	56	Pg	8:37:12.00	-0.06
			Sg	37:20.28	-0.50
NIE	98.1	341	Pg	8:37:19.24	0.85
			Sg	37:31.67	-0.38
PSZ	98.1	221	Pg	8:37:18.72	0.32
			Sg	37:32.46	0.39
A336	135.9	253	Pn	8:37:25.40	0.53
			Sn	37:42.40	-1.18
VYHS	142.2	266	Pn	8:37:25.36	-0.29
			Sn	37:43.61	-1.35

318.

2018-04-10 time: 6:55:07.85 UTC ML= 1.7
 lat: 47.326N lon: 18.446E h= 0.0 km
 erh= 3.3km erz= 818km
 nr= 9 gap=203 rms=0.62
 Locality: Zámoly
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
PKSG	8.4	330	Pg	6:55:09.27	-0.08
			Sg	55:09.90	-0.62
CSKK	14.6	286	Pg	6:55:10.50	0.05
			Sg	55:12.04	-0.45
PKST	32.0	257	Pg	6:55:14.41	0.85
MPLH	70.8	256	Sg	6:55:29.99	-0.35
MORH	124.3	173	Sg	6:55:46.92	-0.45
			Pg	6:55:31.27	1.15
PKSM	124.7	173	Pg	6:55:31.27	1.15
			Sg	55:46.71	-0.79

319.

2018-04-10 time: 8:59:34.23 UTC ML= 1.6
 lat: 48.227N lon: 18.763E h= 0.0 km
 erh= 1.2km erz= 2.1km
 nr= 13 gap= 92 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	17.5	88	Pg	8:59:37.14	-0.22
			Sg	59:40.26	0.46
VYHS	30.2	10	Pg	8:59:39.50	-0.12
			Sg	59:43.93	0.11
A338	38.6	232	Sg	8:59:47.74	1.25
PENC	62.1	141	Sg	8:59:53.69	-0.26
A337	72.3	272	Sg	8:59:57.36	0.14
PKSG	96.9	197	Sg	8:60:04.94	-0.10
MODS	111.4	278	ePg	8:59:54.50	0.37
			eSg	9:00:10.00	0.35
ZST	123.5	268	Sg	8:60:12.32	-1.15
EGYH	140.0	230	Sn	8:60:17.13	-0.68
MPLH	149.1	218	Sn	8:60:19.73	-0.12

320.

2018-04-10 time: 9:16:45.06 UTC ML= 1.5
 lat: 48.199N lon: 19.806E h= 0.0 km
 erh= 6.3km erz=11.0km
 nr= 6 gap=126 rms=0.97
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	31.9	168	Pg	9:16:51.19	0.43
			Sg	16:54.65	-0.56
VYHS	79.0	295	Sg	9:17:09.68	-0.49
ABAH	107.0	84	Pg	9:17:05.52	1.35
			Sg	17:17.22	-1.85
NIE	140.7	15	Sn	9:17:28.93	0.13

321.

2018-04-10 time: 10:08:17.08 UTC ML= 0.8
 lat: 47.199N lon: 18.303E h= 0.0 km
 erh= 1.8km erz= 483km
 nr= 7 gap=150 rms=0.32
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.5	350	Pg	10:08:20.63	0.24
			Sg	08:22.50	-0.47
PKST	21.4	288	Pg	10:08:21.11	0.20
			Sg	08:23.74	-0.15
PKSG	22.4	17	Pg	10:08:21.49	0.40
			Sg	08:23.93	-0.29
PKSM	112.8	167	Sg	10:08:52.51	-0.42

322.

2018-04-11 time: 7:57:54.07 UTC ML= 1.6
 lat: 47.850N lon: 19.121E h= 0.0 km
 erh= 3.3km erz= 790km
 nr= 6 gap=153 rms=0.46
 Locality: Szendehegy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	13.7	119	Pg	7:57:56.76	0.23
			Sg	57:58.11	-0.33
A336	43.5	348	Pg	7:58:02.44	0.59
			Sg	58:08.01	0.10
STA3	43.6	191	Sg	7:58:07.70	-0.22
VYHS	74.6	344	Sg	7:58:16.91	-0.89

323.

2018-04-11 time: 8:11:56.20 UTC ML= 1.9
 lat: 45.621N lon: 17.316E h= 0.0 km
 erh= 1.7km erz= 2.8km
 nr= 18 gap=118 rms=0.69
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	78.7	68	Pg	8:12:10.98	0.74
			Sg	12:21.30	0.10
KOVH	80.0	50	Pg	8:12:11.02	0.53
			Sg	12:21.44	-0.19
BLY	97.5	186	Pg	8:12:14.13	0.52
			Sg	12:26.84	-0.34
BEHE	103.3	336	Sg	8:12:30.58	1.56
PTJ	110.1	286	Pg	8:12:15.86	-0.01
			Sg	12:29.68	-1.53
PKSM	122.0	57	Pg	8:12:18.04	0.06
MORH	122.4	57	Sg	12:33.87	-1.10
			Pg	8:12:18.08	0.02
KOGS	123.6	318	Sg	12:34.04	-1.07
			Pg	8:12:18.81	0.55
PKB4	139.3	46	Sg	12:34.42	-1.05
			Sn	8:12:39.72	0.09
CRES	146.5	279	Pn	8:12:21.71	0.20
			Sn	12:40.20	-1.04

324.

2018-04-11 time: 8:55:54.22 UTC ML= 0.6
 lat: 46.169N lon: 18.300E h= 0.0 km
 erh= 1.0km erz= 201km
 nr= 8 gap=199 rms=0.15
 Locality: Zobákpusztá
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.9	240	Pg	8:55:57.11	-0.30
			Sg	55:59.91	0.01
PKSM	26.8	80	Pg	8:55:59.12	0.12
			Sg	56:02.56	-0.17
MORH	27.1	79	Pg	8:55:59.15	0.10
			Sg	56:02.82	0.00
PKSV	31.4	187	Pg	8:55:59.98	0.16
			Sg	56:04.15	-0.04

325.

2018-04-12 time: 7:49:53.38 UTC ML= 1.2
 lat: 47.341N lon: 18.456E h= 0.0 km
 erh= 2.4km erz= 477km
 nr= 7 gap=215 rms=0.31
 Locality: Lovasberény
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
PKSG	7.5	319	Pg	7:49:54.86	0.15
			Sg	49:55.35	-0.41
CSKK	15.0	279	Pg	7:49:56.18	0.13
			Sg	49:57.77	-0.36
PKST	33.2	254	Pg	7:49:59.81	0.51
			Sg	50:03.84	-0.08
PKSM	126.3	174	Sg	7:50:33.19	-0.34

326.

2018-04-12 time: 8:00:43.11 UTC ML= 1.0
 lat: 47.103N lon: 18.010E h= 0.0 km
 erh= 1.6km erz= 541km
 nr= 10 gap=121 rms=0.42
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.5	6	Pg	8:00:45.99	-0.24
			Sg	00:48.13	-0.53
CSKK	34.6	33	Pg	8:00:49.59	0.30
			Sg	00:54.42	-0.29
MORH	109.9	154	Pg	8:01:03.04	0.31
			Sg	01:17.77	-0.27
PKSM	110.2	154	Pg	8:01:03.35	0.56
			Sg	01:17.56	-0.57
KOVH	113.0	177	Sg	8:01:18.50	-0.52

327.

2018-04-12 time: 10:48:48.47 UTC ML= 0.6
 lat: 47.179N lon: 18.308E h= 0.0 km
 erh= 1.1km erz= 307km
 nr= 8 gap=152 rms=0.22
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	20.8	350	Pg	10:48:52.53	0.34
			Sg	48:54.81	-0.28
PKST	22.6	293	Pg	10:48:52.56	0.06
			Sg	48:55.50	-0.14
PKSG	24.5	15	Pg	10:48:52.94	0.09
			Sg	48:56.08	-0.18
MORH	110.1	166	Sg	10:49:23.13	-0.33
PKSM	110.5	167	Sg	10:49:23.76	0.18

328.

2018-04-13 time: 10:08:19.88 UTC ML= 1.8
 lat: 48.253N lon: 21.213E h= 0.0 km
 erh= 2.4km erz= 3.4km
 nr= 11 gap=130 rms=0.67
 Locality: Abaújszántó
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	5.2	22	Pg	10:08:20.48	-0.33
			Sg	08:21.31	-0.22
KECS	59.7	295	Sg	10:08:38.76	-0.10
			ePg	10:08:33.80	0.61
CRVS	74.5	14	eSg	08:43.10	-0.46
			Pg	10:08:39.31	0.67
PSZ	105.1	249	Sg	08:52.12	-1.16
			Sg	10:08:54.16	-0.48
LTVH	109.4	152	Pn	10:08:45.85	0.79
			Sn	09:03.48	-1.23
A336	164.5	269	Sn	10:09:09.78	0.87

329.

2018-04-13 time: 11:12:51.14 UTC ML= 1.4
 lat: 46.092N lon: 17.994E h= 0.0 km
 erh= 5.9km erz= 906km
 nr= 9 gap=267 rms=0.69
 Locality: Cserdi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	8.2	93	Pg	11:12:52.80	0.20
			Sg	12:54.18	0.45
PKSV	30.2	139	Sg	11:13:01.62	0.88
PKSM	51.7	75	Pg	11:13:00.00	-0.37
			Sg	13:06.64	-0.93
MORH	52.0	75	Pg	11:13:00.10	-0.33
			Sg	13:06.68	-0.99
PKB4	65.0	46	Sg	11:13:13.29	1.51
PKB5	79.8	46	Sg	11:13:16.62	0.10

330.

2018-04-16 time: 8:21:34.04 UTC ML= 1.4
 lat: 48.594N lon: 20.739E h= 0.0 km
 erh= 2.6km erz= 4.5km
 nr= 9 gap=114 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.4	237	Pg	8:21:38.57	0.53
			Sg	21:40.56	-0.60
ABAH	49.7	132	Pg	8:21:43.01	0.10
			Sg	21:49.75	-0.08
CRVS	63.2	57	Pg	8:21:45.57	0.24
			Sg	21:53.22	-0.91
LANS	111.9	304	Pg	8:21:54.19	0.16
VYHS	141.0	265	Pn	8:21:59.20	0.55
			Sn	22:15.95	-1.89

331.

2018-04-16 time: 8:27:33.59 UTC ML= 1.0
 lat: 47.339N lon: 18.475E h= 0.0 km
 erh= 4.2km erz= 375km
 nr= 5 gap=221 rms=0.18
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.7	313	Pg	8:27:35.22	0.08
			Sg	27:35.99	-0.37
PKST	34.5	255	Pg	8:27:39.84	0.09
MORH	125.5	174	Sg	8:28:13.67	0.20
PKSM	125.9	174	Sg	8:28:13.47	-0.14

332.

2018-04-16 time: 9:08:46.97 UTC ML= 1.4
 lat: 45.834N lon: 18.422E h= 0.0 km
 erh= 4.7km erz= 8.5km
 nr= 9 gap=193 rms=0.75
 Locality: Nagyharsány
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	37.7	319	Pg	9:08:53.56	-0.15
			Sg	08:57.85	-1.11
PKSM	45.3	22	Pg	9:08:55.04	-0.02
			Sg	09:01.07	-0.30
MORH	45.8	22	Pg	9:08:55.25	0.10
			Sg	09:01.12	-0.41
PKB4	74.9	11	Pg	9:09:01.20	0.85
PKS9	84.4	352	Pg	9:09:03.08	1.03

Hypocenter Parameters

Földrengés paraméterek

FRGS 133.5 126 Sn 9:09:26.77 -2.34

336.

333.

2018-04-16 time: 9:54:50.61 UTC ML= 1.2
 lat: 48.470N lon: 17.467E h= 0.0 km
 erh= 4.1km erz=10.7km
 nr= 6 gap=118 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	5.6	330	Pg	9:54:51.68	0.06
			Sg	54:52.10	-0.30
ZST	40.7	222	Sg	9:55:03.73	0.18
VYHS	101.3	88	Pg	9:55:10.01	1.31
			Sg	55:21.81	-1.00
PKST	141.2	162	Pn	9:55:14.60	-0.65

334.

2018-04-16 time: 10:49:13.95 UTC ML= 1.9
 lat: 45.741N lon: 20.837E h= 4.4 km
 erh= 2.4km erz= 2.4km
 nr= 23 gap= 83 rms=1.03
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
BZS	62.3	103	PgU	10:49:26.65	1.54
			Sg	49:34.92	1.10
AMBH	68.2	353	Sg	10:49:34.85	-0.84
SIRR	86.5	47	PgD	10:49:28.84	-0.59
			Sg	49:39.30	-2.19
SURR	100.3	89	PgD	10:49:32.09	0.22
			Sg	49:45.10	-0.75
FRGS	104.8	230	Pg	10:49:33.06	0.38
			Sg	49:46.05	-1.24
MDVR	126.9	147	PnC	10:49:36.95	0.70
			Sn	49:52.30	-1.35
PKSN	148.6	330	Sn	10:49:59.15	0.69
GZR	156.3	104	PnD	10:49:39.95	0.03
			Sn	49:58.50	-1.67
HERR	156.5	128	PnC	10:49:40.46	0.52
			Sn	49:59.40	-0.81
MORH	177.9	287	Sn	10:50:05.97	1.01
PKSM	178.0	287	Pn	10:49:43.31	0.69
			Sn	50:05.77	0.79
DRGR	185.8	51	Pn	10:49:44.72	1.12
			Sn	50:07.99	1.27
MARR	204.5	59	PnC	10:49:44.94	-0.99
			Sn	50:08.00	-2.87

335.

2018-04-16 time: 11:13:00.06 UTC ML= 0.9
 lat: 47.332N lon: 18.006E h= 0.0 km
 erh= 1.8km erz= 2.4km
 nr= 8 gap=194 rms=0.43
 Locality: Csetény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	8.3	165	Pg	11:13:01.42	-0.13
			Sg	13:03.25	0.54
PKSG	29.8	77	Pg	11:13:05.48	0.09
			Sg	13:09.92	0.37
MPLH	39.6	243	Pg	11:13:07.74	0.61
			Sg	13:12.48	-0.17
MORH	133.3	159	Pn	11:13:23.35	-0.36
PKSM	133.6	159	Pn	11:13:23.05	-0.70

2018-04-16 time: 11:26:30.39 UTC ML= 1.6
 lat: 48.887N lon: 20.644E h= 6.2 km
 erh= 4.8km erz= 5.3km
 nr= 9 gap= 86 rms=0.97
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KECS	46.4	195	Pg	11:26:39.11	0.37
			Sg	26:45.54	0.28
CRVS	60.0	88	Pg	11:26:40.30	-0.86
NIE	63.9	338	Sg	11:26:49.64	-1.16
STHS	73.4	37	ePg	11:26:45.40	1.85
ABAH	79.0	146	Sg	11:26:54.43	-1.16
PSZ	121.1	207	Pn	11:26:52.49	0.76
			Sn	27:08.32	-0.06
VYHS	140.1	252	Sn	11:27:11.78	-0.80

337.

2018-04-17 time: 7:14:21.78 UTC ML= 1.2
 lat: 47.427N lon: 18.254E h= 10.0 km
 erh= 7.7km erz= 2.6km
 nr= 10 gap=228 rms=0.73
 Locality: Pusztavám
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	11.0	111	Pg	7:14:24.56	0.13
			Sg	14:25.84	-0.66
PKST	25.0	222	Pg	7:14:26.75	0.17
			Sg	14:30.63	0.30
MPLH	61.1	242	Sg	7:14:39.79	-1.67
PKS9	93.4	179	Pg	7:14:39.36	0.82
MORH	137.9	168	Pn	7:14:45.57	0.85
			Sn	15:01.75	-0.87
PKSM	138.2	168	Pn	7:14:45.11	0.34
			Sn	15:01.71	-0.99

338.

2018-04-17 time: 8:09:32.54 UTC ML= 1.6
 lat: 48.005N lon: 20.317E h= 0.0 km
 erh= 6.3km erz= 443km
 nr= 5 gap=240 rms=0.24
 Locality: Szarvaskő
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	33.0	253	Pg	8:09:38.59	0.17
			Sg	09:42.93	-0.09
KECS	54.7	13	Pg	8:09:42.62	0.32
			Sg	09:49.61	-0.30
PENC	81.0	253	Pg	8:09:46.77	-0.23

339.

2018-04-17 time: 9:22:40.22 UTC ML= 1.3
 lat: 46.268N lon: 18.460E h= 0.0 km
 erh= 0.8km erz= 263km
 nr= 10 gap=120 rms=0.21
 Locality: Kismányok
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSM	15.3	114	Pg	9:22:42.74	-0.22
			Sg	22:45.24	0.15
MORH	15.4	112	Pg	9:22:42.79	-0.17
			Sg	22:45.34	0.24
PKB4	27.7	24	Pg	9:22:45.50	0.34
			Sg	22:48.62	-0.40
KOVH	34.2	234	Pg	9:22:46.36	0.03

Földrengés paraméterek

Hypocenter Parameters

Sg 22:50.94 -0.16
 PKB5 42.1 30 Pg 9:22:47.88 0.15
 PKST 114.9 344 Pg 9:23:00.69 -0.04

340.

2018-04-17 time: 11:13:07.10 UTC ML= 0.8
 lat: 47.190N lon: 18.297E h= 0.0 km
 erh= 2.1km erz= 653km
 nr= 8 gap=149 rms=0.46
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	21.3	291	Pg	11:13:10.51	-0.39
			Sg	13:13.62	-0.25
PKSG	23.5	18	Pg	11:13:11.17	-0.13
			Sg	13:14.52	-0.06
MPLH	57.4	268	Pg	11:13:17.89	0.53
MORH	111.5	166	Sg	11:13:42.22	-0.32
PKSM	111.9	166	Pg	11:13:28.00	0.92
			Sg	13:42.17	-0.49

341.

2018-04-18 time: 9:13:48.45 UTC ML= 0.9
 lat: 46.179N lon: 18.294E h= 0.0 km
 erh= 0.9km erz= 255km
 nr= 8 gap=122 rms=0.18
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.0	236	Pg	9:13:51.55	-0.12
			Sg	13:54.16	-0.03
PKSM	27.1	82	Pg	9:13:53.17	-0.11
			Sg	13:56.96	-0.09
MORH	27.3	81	Pg	9:13:53.11	-0.22
			Sg	13:57.46	0.32
PKSV	32.4	186	Sg	9:13:58.92	0.17
PKS9	45.4	359	Pg	9:13:56.80	0.24

342.

2018-04-18 time: 9:31:41.12 UTC ML= 0.7
 lat: 47.209N lon: 18.286E h= 0.0 km
 erh= 2.4km erz= 584km
 nr= 5 gap=145 rms=0.26
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	19.8	286	Pg	9:31:44.70	0.04
			Sg	31:47.40	-0.02
PKSG	21.8	21	Pg	9:31:44.60	-0.42
			Sg	31:48.48	0.43
PKSM	114.2	166	Pg	9:32:01.62	0.11

343.

2018-04-18 time: 9:41:53.29 UTC ML= 1.7
 lat: 48.607N lon: 20.752E h= 0.0 km
 erh= 6.4km erz= 5.3km
 nr= 6 gap=229 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.0	235	Pg	9:41:57.91	0.33
			Sg	42:00.65	-0.27
ABAH	50.0	134	Sg	9:42:09.06	-0.12
PSZ	99.6	220	Pg	9:42:12.31	1.23
			Sg	42:24.22	-0.73
VYHS	142.0	265	Sn	9:42:36.20	-1.12

344.

2018-04-18 time: 10:26:07.46 UTC ML= 1.1
 lat: 47.103N lon: 18.011E h= 0.0 km
 erh= 1.9km erz= 524km
 nr= 7 gap=148 rms=0.35
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.5	6	Pg	10:26:10.36	-0.22
			Sg	26:13.03	0.02
MPLH	36.6	282	Pg	10:26:14.52	0.53
			Sg	26:18.74	-0.34
MORH	109.8	154	Pg	10:26:27.23	0.16
PKSM	110.1	154	Pg	10:26:27.29	0.16
			Sg	26:41.77	-0.70

345.

2018-04-18 time: 11:31:51.22 UTC ML= 1.9
 lat: 47.930N lon: 20.091E h= 0.0 km
 erh= 2.8km erz= 2.7km
 nr= 12 gap=180 rms=0.76
 Locality: Recsk
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	14.7	265	Pg	11:31:54.02	0.17
			Sg	31:56.44	0.54
PENC	62.5	256	Sg	11:32:11.59	0.50
KECS	68.2	26	Pg	11:32:04.34	0.94
			Sg	32:13.10	0.21
A336	88.1	293	Pg	11:32:07.32	0.37
			Sg	32:18.60	-0.62
ABAH	94.7	65	Pg	11:32:08.67	0.53
			Sg	32:20.54	-0.79
VYHS	112.4	304	Sg	11:32:24.59	-2.36
PKSG	141.0	245	Sn	11:32:34.29	-0.75
LANS	143.3	341	Sn	11:32:34.49	-1.06

346.

2018-04-19 time: 8:06:36.83 UTC ML= 1.1
 lat: 47.413N lon: 18.346E h= 0.0 km
 erh= 1.6km erz= 2.4km
 nr= 7 gap=185 rms=0.71
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.1	125	Pg	8:06:37.99	0.42
			Sg	06:38.54	0.40
PKST	29.1	234	Pg	8:06:42.77	0.74
			Sg	06:46.30	0.21
PENC	81.9	59	Sg	8:07:02.35	-0.53
PSZ	129.2	64	Pg	8:06:59.50	-0.40
PKSM	135.4	170	Sn	8:07:17.50	-1.91

347.

2018-04-19 time: 8:07:09.17 UTC ML= 1.0
 lat: 47.331N lon: 18.435E h= 0.0 km
 erh= 3.7km erz= 822km
 nr= 6 gap=199 rms=0.48
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.5	334	Pg	8:07:10.67	0.15
			Sg	07:11.09	-0.48
PKST	31.3	255	Pg	8:07:15.47	0.71
			Sg	07:18.46	-0.67

Hypocenter Parameters

PKSM 125.4 173 Pg 8:07:31.77 0.21
Sg 07:48.56 -0.47

348.

2018-04-19 time: 9:00:42.55 UTC ML= 1.6
lat: 48.590N lon: 20.767E h= 0.0 km
erh= 2.2km erz= 3.7km
nr= 7 gap=150 rms=0.43
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.9	240	Pg	9:00:47.22	0.40
			Sg	00:49.88	-0.27
ABAH	47.9	133	Pg	9:00:51.58	0.48
			Sg	00:57.22	-0.56
CRVS	61.7	56	Pg	9:00:53.83	0.26
			Sg	01:01.76	-0.41
VYHS	143.0	266	Sn	9:01:26.17	-0.62

349.

2018-04-19 time: 9:18:01.71 UTC ML= 1.6
lat: 48.831N lon: 21.187E h= 0.0 km
erh= 1.7km erz= 2.8km
nr= 12 gap=113 rms=0.55
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	21.6	68	Pg	9:18:05.71	0.14
			Sg	18:08.16	-0.42
ABAH	59.6	176	Pg	9:18:12.96	0.61
			Sg	18:19.80	-0.85
KECS	64.6	233	Pg	9:18:13.22	-0.02
			Sg	18:21.28	-0.95
KOLS	80.4	82	Sg	9:18:27.16	-0.12
NIE	91.4	316	Pg	9:18:18.07	0.04
			Sg	18:30.27	-0.48
LANS	130.8	286	Pn	9:18:25.83	0.78
PSZ	139.5	223	Pn	9:18:27.00	0.86
			Sn	18:44.72	-0.48

350.

2018-04-19 time: 9:19:04.30 UTC ML= 1.6
lat: 48.345N lon: 19.010E h= 0.0 km
erh= 1.9km erz= 4.8km
nr= 16 gap= 61 rms=0.80
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	12.4	184	Pg	9:19:06.75	0.24
			Sg	19:08.58	0.34
VYHS	21.0	322	ePg	9:19:08.50	0.45
			eSg	19:11.60	0.62
PENC	64.8	162	Pg	9:19:17.05	1.17
			Sg	19:24.31	-0.60
PSZ	81.1	126	Pg	9:19:20.02	1.24
			Sg	19:29.11	-0.97
A337	91.2	263	Sg	9:19:33.22	-0.07
LANS	95.7	21	ePg	9:19:21.80	0.41
			eSg	19:33.90	-0.83
KECS	110.3	82	ePg	9:19:23.50	-0.50
			eSg	19:38.50	-0.86
MODS	128.5	271	ePg	9:19:26.40	-0.84
			eSg	19:43.10	-2.03
PKST	141.1	211	Sn	9:19:46.77	-1.36

Földrengés paraméterek

351.

2018-04-19 time: 9:30:45.89 UTC ML= 1.0
lat: 47.570N lon: 18.430E h= 0.0 km
erh= 1.7km erz= 2.4km
nr= 10 gap=103 rms=0.58
Locality: Tatabánya
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	20.0	188	Pg	9:30:49.78	0.32
			Sg	30:52.19	-0.06
PKST	45.7	221	Pg	9:30:54.72	0.68
			Sg	31:00.51	0.11
VYHS	107.1	16	ePg	9:31:05.50	0.48
			eSg	31:19.80	-0.14
PSZ	116.5	71	Sg	9:31:22.79	-0.13
MODS	124.1	316	eSg	9:31:24.10	-1.22
MORH	151.4	174	Sn	9:31:30.98	-1.03
PKSM	151.8	174	Sn	9:31:31.35	-0.75

352.

2018-04-20 time: 8:17:37.72 UTC ML= 1.4
lat: 48.601N lon: 20.724E h= 0.0 km
erh= 1.9km erz= 5.4km
nr= 12 gap= 87 rms=0.58
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.0	233	Pg	8:17:41.83	0.19
			Sg	17:43.63	-1.07
ABAH	51.0	132	Pg	8:17:46.85	0.02
			Sg	17:54.26	0.32
CRVS	63.7	58	Pg	8:17:48.75	-0.34
PSZ	97.8	219	Pg	8:17:55.40	0.22
			Sg	18:09.04	0.25
STHS	98.3	23	ePg	8:17:56.70	1.43
LANS	110.6	304	Pg	8:17:57.55	0.09
			Sg	18:12.33	-0.53
KOLS	119.7	72	Sg	8:18:14.55	-1.22
VYHS	139.9	265	Pn	8:18:02.29	0.10

353.

2018-04-20 time: 8:58:50.19 UTC ML= 1.0
lat: 46.164N lon: 18.306E h= 0.0 km
erh= 1.0km erz= 192km
nr= 8 gap=195 rms=0.17
Locality: Zobákpuszta
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.0	242	Pg	8:58:53.25	-0.17
			Sg	58:55.67	-0.26
PKSM	26.4	78	Pg	8:58:55.02	0.11
			Sg	58:58.48	-0.10
MORH	26.7	78	PgU	8:58:55.14	0.18
			Sg	58:58.48	-0.20
PKSV	30.9	188	Pg	8:58:55.81	0.10
			Sg	59:00.23	0.21

354.

2018-04-21 time: 7:58:00.61 UTC ML= 2.0
lat: 47.356N lon: 18.272E h= 8.8 km
erh= 1.4km erz= 1.3km
nr= 43 gap= 54 rms=0.94
Locality: Csókakő
Comments: felt 4 EMS

sta	dist	azm	phase	hr mn sec	res
CSKK	1.2	314	PgD	7:58:01.25	-0.95

Földrengés paraméterek

Hypocenter Parameters

			Sg	58:01.63	-1.81
PKSG	9.8	66	PgD	7:58:02.52	-0.45
			Sg	58:04.27	-0.54
PKST	20.9	239	PgD	7:58:03.79	-0.88
			Sg	58:06.32	-1.51
STA1	46.6	83	Sg	7:58:16.13	0.46
SRO	51.0	3	Sg	7:58:16.84	-0.21
BUD	58.5	76	Sg	7:58:19.23	-0.18
MPLH	59.2	250	Pg	7:58:11.30	0.01
			Sg	58:19.63	0.01
EGYH	71.3	276	Pg	7:58:14.98	1.54
			Sg	58:24.31	0.86
PKB1	74.8	148	Pg	7:58:14.87	0.81
			Sg	58:23.89	-0.66
PKS7	75.6	117	Pg	7:58:15.29	1.09
			Sg	58:24.73	-0.06
PKS9	85.5	180	Pg	7:58:17.50	1.55
			Sg	58:27.53	-0.39
PENC	90.0	58	Pg	7:58:17.32	0.55
			Sg	58:29.33	-0.04
PKB5	91.6	157	Pg	7:58:17.83	0.78
			Sg	58:29.71	-0.16
PKB4	98.8	165	Pg	7:58:18.97	0.64
			Sg	58:30.55	-1.59
PKB2	105.7	136	Pg	7:58:20.01	0.46
			Sg	58:33.87	-0.46
A336	111.7	29	Pn	7:58:20.22	-0.23
			Sn	58:34.10	-1.82
PKB3	125.2	146	Sn	7:58:38.52	-0.39
MORH	129.9	167	Pn	7:58:22.34	-0.37
			Sn	58:37.60	-2.34
PKSM	130.2	167	Pn	7:58:22.43	-0.32
			Sn	58:37.69	-2.34
VYHS	133.4	18	Pn	7:58:23.86	0.71
			Sn	58:39.90	-0.83
SOP	134.1	286	Pn	7:58:24.28	1.04
MODS	135.5	327	ePn	7:58:23.10	-0.31
			eSn	58:39.30	-1.89
PSZ	137.0	63	Pn	7:58:24.87	1.27
			Sn	58:42.73	1.19
KOVH	141.5	185	Pn	7:58:25.56	1.40
			Sn	58:42.02	-0.51

355.

2018-04-21 time: 8:04:48.65 UTC ML= 0.7
 lat: 47.342N lon: 18.275E h= 10.0 km
 erh= 3.5km erz= 1.5km
 nr= 8 gap=105 rms=0.34
 Locality: Csákberény
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	2.6	335	PgD	8:04:50.37			-0.13
			Sg	04:50.77			-1.17
PKSG	10.4	57	Pg	8:04:51.54			0.32
			Sg	04:53.42			0.19
PKST	20.4	243	Pg	8:04:52.94			0.23
			Sg	04:55.75			-0.12
PKSM	128.7	167	Sn	8:05:27.52			0.07
PSZ	137.6	62	Sn	8:05:29.15			-0.28

356.

2018-04-21 time: 8:15:39.12 UTC ML= 0.3
 lat: 47.404N lon: 18.206E h= 10.0 km
 erh= 2.9km erz= 1.7km
 nr= 6 gap=237 rms=0.47
 Locality: Pusztavám
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	6.1	138	PgD	8:15:41.33			0.11
			Sg	15:41.87			-0.98
PKSG	14.0	96	Pg	8:15:42.53			0.34

			Sg	15:44.23	-0.36
PKST	20.7	219	Pg	8:15:43.77	0.54
			Sg	15:46.12	-0.31

357.

2018-04-21 time: 8:34:56.53 UTC ML= 0.5
 lat: 47.391N lon: 18.224E h= 6.1 km
 erh=17.2km erz= 9.6km
 nr= 6 gap=225 rms=0.31
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	4.1	138	Pg	8:34:58.12			0.27
			Sg	34:58.43			-0.45
PKSG	12.6	89	Pg	8:34:59.23			0.20
			Sg	35:01.02			0.04
PKST	20.5	224	Pg	8:34:59.93			-0.42
			Sg	35:03.62			0.29

358.

2018-04-21 time: 21:58:03.56 UTC ML=-0.1
 lat: 47.382N lon: 18.230E h= 3.7 km
 erh= 4.9km erz= 3.2km
 nr= 6 gap=217 rms=0.08
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	3.1	133	Pg	21:58:04.52			0.11
			Sg	58:04.90			-0.17
PKSG	12.1	85	Pg	21:58:05.79			-0.03
			Sg	58:07.59			0.00
PKST	20.2	227	Pg	21:58:07.18			-0.04
			Sg	58:10.15			0.08

359.

2018-04-21 time: 22:16:52.72 UTC ML=-0.3
 lat: 47.283N lon: 18.182E h= 6.9 km
 erh= 5.8km erz= 4.5km
 nr= 6 gap=204 rms=0.10
 Locality: Isztimér
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	10.7	34	Pg	22:16:54.85			-0.13
			Sg	16:56.81			0.06
PKST	11.5	256	Pg	22:16:55.13			0.02
			Sg	16:56.98			0.00
PKSG	19.8	53	Pg	22:16:56.62			0.15
			Sg	16:59.28			-0.11

360.

2018-04-23 time: 2:14:27.59 UTC ML= 0.1
 lat: 47.384N lon: 18.227E h= 4.6 km
 erh= 6.4km erz= 3.8km
 nr= 6 gap=220 rms=0.11
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	3.4	133	Pg	2:14:28.76			0.15
			Sg	14:29.27			-0.14
PKSG	12.4	86	Pg	2:14:30.00			0.05
			Sg	14:31.70			-0.09
PKST	20.2	226	Pg	2:14:31.17			-0.11
			Sg	14:34.27			0.11

Hypocenter Parameters

Földrengés paraméterek

361.

2018-04-23 time: 6:38:23.57 UTC ML= 1.0
 lat: 47.142N lon: 18.097E h= 0.0 km
 erh= 2.7km erz= 7.2km
 nr= 12 gap= 94 rms=0.63
 Locality: Öskü
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	13.8	340	Pg	6:38:25.95	-0.10
			Sg	38:27.41	-0.56
CSKK	27.5	27	Pg	6:38:28.33	-0.16
TIH	31.1	210	Pg	6:38:29.05	-0.07
PKSG	35.6	39	Pg	6:38:30.17	0.24
MPLH	42.4	274	Pg	6:38:31.97	0.83
PKB4	81.5	152	Pg	6:38:39.69	1.55
MORH	111.2	158	Pg	6:38:43.22	-0.20
			Sg	38:57.44	-1.47
PKSM	111.5	158	Pg	6:38:43.46	-0.02
KOVH	117.1	180	Sg	6:39:00.00	-0.81
PSZ	160.5	57	Pn	6:38:50.57	-0.06

362.

2018-04-23 time: 7:18:49.41 UTC ML= 1.1
 lat: 47.106N lon: 17.994E h= 0.0 km
 erh= 2.3km erz= 764km
 nr= 9 gap=118 rms=0.57
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.2	10	Pg	7:18:52.45	-0.04
			Sg	18:55.05	0.16
TIH	24.2	198	Pg	7:18:54.79	1.06
CSKK	35.0	35	Sg	7:19:00.38	-0.14
MPLH	35.2	282	Sg	7:18:59.91	-0.68
MORH	110.8	153	Pg	7:19:09.52	0.32
			Sg	19:23.91	-0.72
PKSM	111.1	154	Pg	7:19:09.48	0.23
			Sg	19:23.79	-0.94

363.

2018-04-23 time: 7:49:31.72 UTC ML= 1.2
 lat: 47.102N lon: 18.028E h= 0.0 km
 erh= 1.6km erz= 491km
 nr= 9 gap=127 rms=0.37
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.5	2	Pg	7:49:34.50	-0.34
			Sg	49:36.06	-1.21
CSKK	34.0	31	Sg	7:49:43.15	0.63
MPLH	37.8	282	Sg	7:49:44.02	0.28
PKSG	42.4	40	Pg	7:49:39.33	0.05
			Sg	49:45.39	0.21
A338	104.4	14	Pg	7:49:50.15	-0.22
MORH	109.2	154	Pg	7:49:51.50	0.28
PKSM	109.5	155	Pg	7:49:51.14	-0.13

364.

2018-04-23 time: 8:43:55.56 UTC ML= 1.6
 lat: 48.607N lon: 20.755E h= 0.0 km
 erh= 1.0km erz= 2.8km
 nr= 15 gap= 86 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.2	235	Pg	8:44:00.05	0.17

			Sg	44:02.69	-0.57
ABAH	49.8	134	Pg	8:44:04.43	-0.02
			Sg	44:11.09	-0.30
CRVS	61.4	58	Pg	8:44:07.17	0.64
			Sg	44:15.26	0.17
STHS	96.9	22	Pg	8:44:13.13	0.27
			Sg	44:25.60	-0.75
PSZ	99.7	220	Pg	8:44:13.59	0.22
			Sg	44:27.43	0.16
LANS	112.1	303	Pg	8:44:15.62	0.04
			Sg	44:30.74	-0.46
KOLS	117.3	72	Sg	8:44:32.52	-0.34
VYHS	142.2	265	Pn	8:44:20.66	0.33
			Sn	44:38.42	-1.23

365.

2018-04-23 time: 9:35:39.33 UTC ML= 1.0
 lat: 47.548N lon: 16.360E h= 2.5 km
 erh= 2.3km erz=22.9km
 nr= 10 gap=127 rms=0.47
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	17.5	344	Pg	9:35:42.41	-0.08
			Sg	35:44.82	-0.14
SOP	21.2	45	Pg	9:35:43.46	0.32
			Sg	35:46.07	-0.04
CONA	56.4	319	Pg	9:35:49.14	-0.28
			Sg	35:57.21	-0.07
ARSA	71.3	242	Pg	9:35:52.79	0.71
			Sg	36:01.40	-0.61
MPLH	98.5	115	Pg	9:35:57.35	0.41
			Sg	36:09.29	-1.37

366.

2018-04-23 time: 11:43:06.77 UTC ML= 1.3
 lat: 47.575N lon: 18.427E h= 0.0 km
 erh= 2.2km erz= 226km
 nr= 6 gap=328 rms=0.15
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	20.6	188	Pg	11:43:10.33	-0.11
			Sg	43:13.17	-0.14
CSKK	26.7	208	Pg	11:43:11.50	-0.04
			Sg	43:15.44	0.18
PKST	46.0	220	Pg	11:43:15.22	0.24
			Sg	43:21.26	-0.13

367.

2018-04-24 time: 0:53:57.49 UTC ML= 0.5
 lat: 45.809N lon: 18.158E h= 14.7 km
 erh= 1.2km erz= 0.9km
 nr= 9 gap=173 rms=0.16
 Locality: Drávacsehi
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	11.4	40	Pg	0:54:00.76	-0.05
			Sg	54:03.30	-0.10
KOVH	31.4	352	Pg	0:54:03.70	0.03
			Sg	54:08.38	-0.12
PKSM	58.3	40	PgD	0:54:08.49	0.26
			Sg	54:16.51	-0.10
MORH	58.8	40	PgD	0:54:08.53	0.22
			Sg	54:16.56	-0.20
BLY	140.5	213	Sn	0:54:37.67	-0.17

Földrengés paraméterek

Hypocenter Parameters

368.

2018-04-24 time: 7:57:51.23 UTC ML= 1.6
 lat: 48.482N lon: 18.698E h= 0.0 km
 erh= 5.7km erz= ***km
 nr= 7 gap=194 rms=0.93
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	10.3	83	Pg	7:57:53.06	-0.01
			Sg	57:53.82	-0.69
A336	35.6	141	Pg	7:57:58.82	1.23
			Sg	58:02.07	-0.47
A337	72.3	249	Pg	7:58:04.98	0.84
			Sg	58:12.18	-2.04
PENC	88.4	151	Sg	7:58:19.08	-0.24

369.

2018-04-24 time: 9:14:31.29 UTC ML= 1.5
 lat: 48.591N lon: 20.784E h= 0.0 km
 erh= 2.1km erz= 4.4km
 nr= 15 gap= 87 rms=0.78
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.1	241	Pg	9:14:35.91	0.14
			Sg	14:38.92	-0.34
ABAH	47.1	134	Pg	9:14:40.34	0.64
			Sg	14:46.29	0.03
CRVS	60.7	55	Pg	9:14:42.80	0.67
			Sg	14:50.34	-0.23
STHS	97.8	20	Pg	9:14:49.58	0.83
NIE	98.2	339	Pg	9:14:49.44	0.60
			Sg	15:02.29	-0.23
PSZ	99.8	221	Pg	9:14:49.44	0.32
			Sg	15:02.53	-0.49
LANS	114.8	303	ePg	9:14:49.50	-2.30
KOLS	115.9	71	Sg	9:15:06.62	-1.52
VYHS	144.2	266	Pn	9:14:56.65	0.34
			Sn	15:14.37	-1.45

370.

2018-04-24 time: 10:33:46.08 UTC ML= 1.4
 lat: 48.841N lon: 21.183E h= 0.0 km
 erh= 1.7km erz= 2.4km
 nr= 13 gap= 93 rms=0.83
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	21.5	72	PgU	10:33:49.92	0.00
			Sg	33:52.57	-0.35
ABAH	60.8	176	Sg	10:34:04.64	-0.75
STHS	64.2	4	Pg	10:33:57.36	-0.18
			Sg	34:06.71	0.23
KECS	65.0	232	Sg	10:34:06.04	-0.69
KOLS	80.6	83	eSg	10:34:14.00	2.29
NIE	90.3	315	Pg	10:34:01.76	-0.44
			Sg	34:13.84	-0.94
PSZ	140.1	223	Sn	10:34:29.43	-0.27
A336	174.9	247	Sn	10:34:38.55	1.14
VYHS	177.1	257	Sn	10:34:39.23	1.33
OJC	183.2	327	Sn	10:34:40.90	1.65

371.

2018-04-25 time: 7:31:01.29 UTC ML= 1.4
 lat: 48.614N lon: 20.731E h= 0.0 km
 erh= 1.3km erz= 2.4km
 nr= 11 gap=116 rms=0.37
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.3	231	Pg	7:31:05.56	0.11
			Sg	31:08.09	-0.60
ABAH	51.7	133	Pg	7:31:10.55	0.04
			Sg	31:17.47	-0.24
CRVS	62.5	59	Pg	7:31:12.59	0.14
			Sg	31:20.86	-0.30
PSZ	99.3	219	Pg	7:31:19.65	0.64
			Sg	31:32.46	-0.38
LANS	110.2	303	Pg	7:31:21.24	0.28
VYHS	140.5	265	Pn	7:31:26.06	0.21
			Sn	31:44.20	-0.80

372.

2018-04-25 time: 7:41:22.24 UTC ML= 1.1
 lat: 47.327N lon: 17.643E h= 0.0 km
 erh= 2.5km erz= 542km
 nr= 5 gap=171 rms=0.24
 Locality: Ugod
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	19.1	204	Pg	7:41:25.66	0.01
			Sg	41:28.34	0.03
EGYH	25.5	293	Pg	7:41:26.73	-0.07
PKST	30.6	104	Pg	7:41:28.03	0.33
			Sg	41:31.45	-0.51

373.

2018-04-25 time: 8:00:40.62 UTC ML= 0.7
 lat: 47.219N lon: 18.285E h= 0.0 km
 erh= 1.4km erz= 465km
 nr= 9 gap=144 rms=0.35
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.2	353	Pg	8:00:43.56	0.06
			Sg	00:45.53	-0.22
PKST	19.5	283	Pg	8:00:44.09	-0.01
			Sg	00:46.71	-0.11
PKSG	20.8	23	Pg	8:00:44.50	0.16
			Sg	00:47.02	-0.22
MORH	114.8	166	Sg	8:01:16.98	-0.14
PKSM	115.2	166	Pg	8:01:01.82	0.63
			Sg	01:15.96	-1.28

374.

2018-04-25 time: 10:34:49.26 UTC ML= 1.4
 lat: 48.497N lon: 20.372E h= 0.0 km
 erh= 1.5km erz= 433km
 nr= 7 gap=104 rms=0.29
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	8.5	100	Pg	10:34:51.08	0.29
			Sg	34:51.67	-0.31
ABAH	68.0	109	Sg	10:35:10.54	-0.34
PSZ	73.4	209	Pg	10:35:02.75	0.37
			Sg	35:12.59	-0.02
NIE	102.6	358	Pg	10:35:07.63	0.04

Hypocenter Parameters

Földrengés paraméterek

A336 105.9 254 Sg 10:35:22.52 -0.40

378.

375.

2018-04-25 time: 11:19:10.43 UTC ML= 2.1
 lat: 48.241N lon: 21.212E h= 0.0 km
 erh= 2.7km erz= 1.9km
 nr= 13 gap=204 rms=0.52
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	6.5	18	Pg	11:19:11.67	0.09
			Sg	19:12.66	0.18
KECS	60.2	297	Pg	11:19:21.44	0.26
			Sg	19:29.59	0.02
CRVS	75.8	14	ePg	11:19:24.70	0.73
PSZ	104.5	250	Pg	11:19:29.28	0.18
			Sg	19:42.57	-1.09
KOLS	109.8	45	Pg	11:19:30.21	0.17
			Sg	19:44.54	-0.79
STHS	130.8	1	eSn	11:19:51.20	-0.78
NIE	146.7	333	Sn	11:19:55.03	-0.48
A336	164.4	270	Sn	11:20:00.30	0.86
VYHS	178.3	279	Sn	11:20:02.03	-0.49

376.

2018-04-25 time: 11:51:19.32 UTC ML= 1.4
 lat: 48.654N lon: 20.224E h= 0.0 km
 erh= 2.7km erz= 829km
 nr= 9 gap=141 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	27.1	135	Sg	11:51:29.01	1.07
ABAH	85.0	118	Sg	11:51:45.52	-0.82
PSZ	85.4	197	Pg	11:51:34.81	0.23
			Sg	51:46.31	-0.17
A336	102.0	243	Pg	11:51:38.32	0.77
			Sg	51:50.56	-1.20
VYHS	104.0	260	Pg	11:51:37.89	0.00
			Sg	51:51.71	-0.66
STHS	112.9	41	Pg	11:51:39.62	0.14

377.

2018-04-25 time: 13:00:23.04 UTC ML= 1.6
 lat: 47.603N lon: 16.531E h= 7.6 km
 erh= 3.3km erz= 2.8km
 nr= 10 gap=116 rms=0.77
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
SOP	9.2	13	Pg	13:00:25.16	-0.02
			Sg	00:26.31	-0.53
RONA	20.7	301	Pg	13:00:27.58	0.60
			Sg	00:30.34	0.29
CONA	61.9	306	Sg	13:00:42.51	-0.36
ARSA	85.6	243	Sg	13:00:48.76	-1.58
MPLH	90.0	122	Pg	13:00:39.39	0.22
TIH	129.3	127	Pn	13:00:46.80	1.58
			Sn	01:01.62	-0.90
KRUC	162.6	356	Sn	13:01:09.61	-0.30

2018-04-25 time: 18:14:58.19 UTC ML= 1.1
 lat: 47.499N lon: 18.622E h= 1.4 km
 erh= 1.4km erz= 1.7km
 nr= 11 gap=167 rms=0.33
 Locality: Bicske
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	21.1	236	Pg	18:15:02.33	0.36
STA1	22.3	118	Sg	18:15:05.18	-0.12
A269	23.8	311	Pg	18:15:02.66	0.21
			Sg	15:04.78	-0.99
CSKK	31.2	241	Pg	18:15:03.71	-0.06
			Sg	15:08.42	0.31
PKST	51.8	239	Pg	18:15:07.66	0.22
			Sg	15:14.02	-0.64
PKB1	80.5	171	Sg	18:15:23.66	-0.12
MORH	142.7	179	Sn	18:15:42.13	0.06
PKSM	143.1	179	Sn	18:15:42.03	-0.14

379.

2018-04-26 time: 7:17:50.11 UTC ML= 1.5
 lat: 47.340N lon: 18.433E h= 0.0 km
 erh= 2.0km erz= 519km
 nr= 9 gap=202 rms=0.39
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	6.6	331	PgU	7:17:51.34	0.06
			Sg	17:51.88	-0.32
CSKK	13.3	281	Pg	7:17:52.64	0.15
			Sg	17:54.15	-0.19
PKST	31.5	253	Pg	7:17:56.19	0.45
			Sg	17:59.86	-0.27
MORH	126.1	173	Sg	7:18:29.55	-0.63
PKSM	126.5	173	Pg	7:18:13.34	0.64
			Sg	18:29.79	-0.53

380.

2018-04-26 time: 7:25:40.12 UTC ML= 1.1
 lat: 47.352N lon: 18.483E h= 0.0 km
 erh= 1.1km erz= 302km
 nr= 7 gap=117 rms=0.20
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.2	302	PgU	7:25:41.86	0.27
			Sg	25:42.50	-0.24
CSKK	16.9	274	Pg	7:25:43.28	0.15
			Sg	25:45.15	-0.33
PKST	35.5	253	Pg	7:25:46.53	0.07
PSZ	123.3	59	Sg	7:26:19.20	-0.13
MORH	126.9	174	Sg	7:26:20.39	-0.08

381.

2018-04-26 time: 7:54:33.49 UTC ML= 1.4
 lat: 48.069N lon: 20.685E h= 0.0 km
 erh= 1.9km erz= 431km
 nr= 6 gap=196 rms=0.25
 Locality: Bükkszentlászló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	48.3	59	Pg	7:54:42.32	0.20
			Sg	54:48.45	-0.40
KECS	48.4	342	Pg	7:54:42.41	0.29
			Sg	54:48.67	-0.19

Földrengés paraméterek

Hypocenter Parameters

PSZ 61.4 254 Pg 7:54:44.52 0.08
Sg 54:52.69 -0.30

382.

2018-04-26 time: 8:09:26.34 UTC ML= 1.6
lat: 48.417N lon: 19.134E h= 0.0 km
erh= 1.3km erz= 3.8km
nr= 10 gap=154 rms=0.35
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	22.7	206	Pg	8:09:30.35	-0.05
			Sg	09:33.44	-0.12
VYHS	23.6	291	Pg	8:09:30.49	-0.07
			Sg	09:33.67	-0.18
PENC	70.5	171	Sg	8:09:48.84	0.09
PSZ	79.2	134	Pg	8:09:41.20	0.72
			Sg	09:50.85	-0.66
KECS	100.3	86	Pg	8:09:44.34	0.09
			Sg	09:57.77	-0.45
MODS	137.6	268	ePn	8:09:50.80	0.27
			eSn	10:07.00	-2.39*

383.

2018-04-26 time: 9:11:39.11 UTC ML= 0.3
lat: 46.177N lon: 18.286E h= 0.0 km
erh= 0.8km erz= 150km
nr= 7 gap=205 rms=0.10
Locality: Zobákpuzsza
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.4	236	Pg	9:11:42.13	-0.09
			Sg	11:44.62	-0.03
PKSM	27.7	82	Pg	9:11:44.15	0.10
			Sg	11:47.65	-0.26
MORH	28.0	81	Pg	9:11:44.15	0.05
			Sg	11:48.03	0.03
PKSV	32.1	185	Sg	9:11:49.42	0.10

384.

2018-04-26 time: 9:44:14.46 UTC ML= 1.0
lat: 47.206N lon: 18.293E h= 0.0 km
erh= 1.7km erz= 589km
nr= 10 gap=147 rms=0.46
Locality: Székesfehérvár
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.7	352	Pg	9:44:17.59	-0.03
			Sg	44:19.84	-0.25
PKST	20.5	287	Pg	9:44:18.04	-0.08
			Sg	44:20.71	-0.27
PKSG	22.0	20	Pg	9:44:18.63	0.24
			Sg	44:21.78	0.33
MPLH	57.3	266	Pg	9:44:24.17	-0.52
			Sg	44:33.69	1.02
PKSM	113.6	166	Pg	9:44:35.27	0.52
			Sg	44:49.65	-0.93

385.

2018-04-26 time: 10:01:56.52 UTC ML= 1.8
lat: 48.174N lon: 16.907E h= 0.0 km
erh= 5.3km erz= 3.9km
nr= 7 gap=259 rms=0.90
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	14.7	80	Pg	10:01:59.64	0.49
			Sg	02:01.33	0.12
KRUC	105.7	339	Pg	10:02:16.75	1.35
			Sg	02:29.61	-0.52
VRAC	128.3	350	Pg	10:02:19.34	-0.09
			Sg	02:36.14	-1.15
VYHS	147.4	76	Sn	10:02:40.01	-1.75

386.

2018-04-26 time: 11:24:18.78 UTC ML= 1.5
lat: 48.362N lon: 19.855E h= 0.0 km
erh= 2.2km erz= 842km
nr= 11 gap= 95 rms=0.68
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	48.6	74	ePg	11:24:27.70	0.24
			eSg	24:34.60	0.37
PSZ	49.4	177	Pg	11:24:27.85	0.24
			Sg	24:34.09	-0.40
A336	65.1	257	Pg	11:24:31.11	0.70
			Sg	24:39.14	-0.33
VYHS	76.8	281	Pg	11:24:33.03	0.53
			Sg	24:42.46	-0.74
ABAH	102.9	94	Sg	11:24:50.05	-1.45
NIE	122.2	16	Pg	11:24:41.26	0.65
			Sg	24:56.29	-1.35

387.

2018-04-26 time: 11:45:27.53 UTC ML= 1.4
lat: 48.365N lon: 19.855E h= 0.0 km
erh= 2.1km erz= 817km
nr= 9 gap= 82 rms=0.61
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	49.8	177	Pg	11:45:36.34	-0.08
			Sg	45:43.06	-0.29
A336	65.2	257	Pg	11:45:40.59	1.42
			Sg	45:47.73	-0.51
VYHS	76.7	281	Pg	11:45:41.34	0.11
			Sg	45:51.16	-0.76
LANS	91.9	342	Sg	11:45:57.13	0.40
ABAH	103.0	94	Sg	11:46:00.35	0.09
NIE	121.9	16	Sg	11:46:05.63	-0.66

388.

2018-04-26 time: 20:44:43.28 UTC ML= 0.5
lat: 47.393N lon: 18.199E h= 1.0 km
erh= 0.6km erz= 4.4km
nr= 7 gap=151 rms=0.11
Locality: Mór
Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	5.7	125	Pg	20:44:44.32	0.01
			Sg	44:44.83	-0.29
PKSG	14.5	90	Pg	20:44:45.92	0.05
			Sg	44:48.03	0.14
PKST	19.4	220	Pg	20:44:46.86	0.11
			Sg	44:49.40	-0.05
SRO	47.5	10	Pg	20:44:51.68	-0.09

Hypocenter Parameters

Földregés paraméterek

389.

2018-04-27 time: 8:03:24.26 UTC ML= 1.9
 lat: 47.127N lon: 19.077E h= 16.3 km
 erh= 1.7km erz= 1.1km
 nr= 31 gap= 73 rms=0.71
 Locality: Apaj
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKS7	10.9	144	PgU	8:03:27.86	0.10
			Sg	03:30.01	-0.48
BUD	39.8	354	Sg	8:03:37.06	-0.88
PKB1	43.9	210	PgD	8:03:32.82	0.21
			Sg	03:38.34	-0.79
PKB2	51.9	166	Pg	8:03:34.18	0.21
			Sg	03:40.46	-1.09
PKB5	64.6	204	PgD	8:03:36.10	-0.06
			Sg	03:44.75	-0.70
PKS6	69.4	148	Pg	8:03:37.18	0.19
PKS2	71.4	172	Pg	8:03:38.77	1.44
PENC	75.3	12	P*	8:03:38.98	1.03
PKB3	78.7	173	P*	8:03:39.33	0.87
			S*	03:48.55	-0.98
PKB4	78.9	207	P*	8:03:38.82	0.33
			S*	03:48.62	-0.96
PKST	80.4	281	P*	8:03:38.73	0.02
			S*	03:48.53	-1.45
PKS9	85.5	225	P*	8:03:39.97	0.48
			S*	03:51.20	-0.17
BSZH	92.2	78	S*	8:03:51.75	-1.43
MORH	106.6	198	Pn	8:03:43.02	0.51
			Sn	03:56.06	-0.68
PKSM	107.1	198	Pn	8:03:43.16	0.59
			Sn	03:56.28	-0.57
PSZ	107.4	35	Pn	8:03:42.78	0.18
			Sn	03:56.19	-0.72
MPLH	116.7	272	Sn	8:03:59.50	0.51
A336	123.1	357	Sn	8:04:00.45	0.05
KOVH	137.6	213	Sn	8:04:05.91	2.28
VYHS	153.0	353	Sn	8:04:07.63	0.58

390.

2018-04-27 time: 8:20:55.29 UTC ML= 1.7
 lat: 45.589N lon: 17.425E h= 10.0 km
 erh= 5.0km erz= 1.9km
 nr= 11 gap=211 rms=0.82
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	72.5	63	Pg	8:21:08.67	0.31
			Sg	21:19.18	0.63
KOVH	76.4	43	Pg	8:21:09.77	0.73
			Sg	21:20.50	0.73
BLY	95.3	191	Pg	8:21:12.92	0.53
			Sg	21:24.70	-1.03
PKSM	117.1	54	PnD	8:21:15.26	-0.38
			Sn	21:30.02	-1.50
MORH	117.5	54	Pn	8:21:15.21	-0.49
			Sn	21:29.97	-1.65
PKB4	136.0	42	Pn	8:21:18.88	0.88

391.

2018-04-27 time: 8:45:33.79 UTC ML= 0.9
 lat: 47.106N lon: 18.003E h= 0.0 km
 erh= 2.0km erz= 565km
 nr= 6 gap=146 rms=0.33
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.2	8	Pg	8:45:36.42	-0.44

			Sg	45:39.60	0.35
MPLH	35.9	281	Pg	8:45:40.30	0.11
			Sg	45:45.11	-0.08
PKSM	110.8	154	Pg	8:45:53.97	0.40
			Sg	46:08.62	-0.37

392.

2018-04-27 time: 8:54:33.56 UTC ML= 1.0
 lat: 46.181N lon: 18.289E h= 0.0 km
 erh= 1.0km erz= 189km
 nr= 8 gap=207 rms=0.14
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.9	235	PgU	8:54:36.63	-0.12
			Sg	54:39.15	-0.09
PKSM	27.4	83	Pg	8:54:38.46	0.01
			Sg	54:42.27	0.01
MORH	27.7	82	Pg	8:54:38.57	0.07
			Sg	54:42.13	-0.22
PKSV	32.6	185	Pg	8:54:39.67	0.29
			Sg	54:43.90	-0.02

393.

2018-04-27 time: 9:13:37.27 UTC ML= 2.1
 lat: 48.626N lon: 21.568E h= 1.6 km
 erh= 2.5km erz= 3.3km
 nr= 14 gap=157 rms=0.76
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
CRVS	31.7	346	Pg	9:13:43.18	0.24
			Sg	13:47.46	0.09
ABAH	44.0	214	Pg	9:13:45.92	0.79
			Sg	13:51.27	0.01
KOLS	62.1	57	Pg	9:13:48.80	0.44
			Sg	13:55.80	-1.21
KECS	81.5	259	Pg	9:13:50.86	-0.96
			Sg	14:00.67	-2.50
STHS	91.1	345	Pg	9:13:53.33	-0.21
			Sg	14:05.95	-0.28
PSZ	147.0	238	Pn	9:14:03.14	0.71
			Sn	14:21.46	-0.60
BSZH	176.6	213	Pn	9:14:07.15	1.04
A336	195.1	257	Sn	9:14:33.74	1.02

394.

2018-04-27 time: 9:33:00.69 UTC ML= 1.5
 lat: 46.142N lon: 17.990E h= 0.0 km
 erh= 1.6km erz= 361km
 nr= 11 gap=211 rms=0.29
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	10.4	125	PgU	9:33:02.77	0.23
			Sg	33:03.76	-0.22
PKSV	34.7	144	Pg	9:33:06.71	-0.18
			Sg	33:11.54	-0.19
PKSM	50.9	81	Pg	9:33:10.00	0.23
			Sg	33:16.66	-0.19
MORH	51.1	81	Pg	9:33:10.01	0.19
PKS9	54.2	24	Pg	9:33:11.08	0.71
			Sg	33:17.56	-0.36
TIH	84.6	355	Pg	9:33:15.62	-0.17
			Sg	33:27.35	-0.22

Földrengés paraméterek

Hypocenter Parameters

395.

2018-04-28 time: 22:32:35.17 UTC ML=-0.1
 lat: 47.370N lon: 18.245E h= 3.5 km
 erh= 7.8km erz= 1.9km
 nr= 6 gap=205 rms=0.17
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	1.4	122	Pg	22:32:35.88	0.03
			Sg	32:36.17	-0.22
PKSG	11.3	78	Pg	22:32:37.25	-0.03
			Sg	32:39.30	0.37
PKST	20.1	232	Pg	22:32:38.66	-0.16
			Sg	32:41.84	0.17

396.

2018-05-02 time: 6:23:56.43 UTC ML= 2.1
 lat: 48.453N lon: 17.200E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 7 gap=188 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	18.2	68	Pg	6:24:00.06	0.38
			Sg	24:02.86	0.64
ZST	29.4	194	Pg	6:24:01.91	0.23
			Sg	24:05.36	-0.42
A337	49.5	118	Sg	6:24:12.77	0.62
CONA	115.3	240	Sg	6:24:32.55	-0.54
VYHS	121.1	88	Sg	6:24:33.00	-1.91

397.

2018-05-02 time: 6:48:15.10 UTC ML= 1.4
 lat: 47.279N lon: 18.400E h= 0.0 km
 erh= 2.6km erz=12.2km
 nr= 10 gap=157 rms=3.02
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	12.6	357	Pg	6:48:15.58	-1.77
			Sg	48:16.14	-2.96
CSKK	14.1	312	Pg	6:48:16.97	-0.65
			Sg	48:18.60	-0.99
PKST	27.7	265	Pg	6:48:20.53	0.47
			Sg	48:23.89	-0.03
MORH	119.6	171	Sg	6:48:53.36	0.23
PKSM	120.0	171	Pg	6:48:37.86	1.32
			Sg	48:53.22	-0.04
VYHS	139.0	14	e n	6:48:56.20	16.73

398.

2018-05-02 time: 7:19:15.64 UTC ML= 0.8
 lat: 47.413N lon: 18.240E h= 4.2 km
 erh= 8.7km erz=12.2km
 nr= 6 gap=219 rms=0.24
 Locality: Pusztavám
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	5.8	164	Pg	7:19:17.24	0.33
			Sg	19:17.68	-0.22
PKSG	11.6	102	Sg	7:19:19.45	-0.11
PKST	23.2	222	Pg	7:19:20.11	0.27
			Sg	19:22.85	-0.27
MPLH	59.5	243	Pg	7:19:26.11	-0.18

399.

2018-05-02 time: 9:21:27.22 UTC ML= 1.5
 lat: 48.368N lon: 19.859E h= 0.0 km
 erh= 2.6km erz= 740km
 nr= 8 gap=154 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	48.1	75	Pg	9:21:36.16	0.35
			Sg	21:41.79	-0.72
PSZ	50.1	177	Pg	9:21:36.50	0.33
			Sg	21:42.57	-0.58
A336	65.5	257	Pg	9:21:39.49	0.57
			Sg	21:48.01	-0.04
VYHS	77.0	280	Sg	9:21:50.57	-1.11
ABAH	102.7	95	Pg	9:21:45.76	0.20

400.

2018-05-02 time: 9:30:05.19 UTC ML= 1.7
 lat: 48.636N lon: 17.528E h= 0.0 km
 erh= 1.6km erz= 3.4km
 nr= 14 gap= 99 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	15.5	208	Pg	9:30:08.29	0.34
			Sg	30:09.95	-0.16
ZST	58.2	213	Sg	9:30:22.97	-0.72
KRUC	95.7	300	Pg	9:30:23.27	0.99
			Sg	30:36.35	0.74
VYHS	97.8	99	Pg	9:30:22.90	0.24
			Sg	30:36.55	0.27
VRAC	101.4	318	Pg	9:30:23.55	0.26
A336	117.7	112	Sg	30:36.50	-0.91
MORC	126.9	0	Pg	9:30:42.36	-0.24
CONA	146.6	238	Sg	9:30:27.19	-0.65
			Pn	30:44.65	-0.86
CONA	146.6	238	Pg	9:30:30.91	0.40
			Sn	30:49.46	-0.79

401.

2018-05-02 time: 10:01:16.84 UTC ML= 1.6
 lat: 47.290N lon: 17.642E h= 0.0 km
 erh= 2.1km erz= 7.3km
 nr= 10 gap=138 rms=0.66
 Locality: Homokbödöge
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	15.4	210	Pg	10:01:19.53	-0.07
			Sg	01:22.76	1.01
EGYH	27.4	301	Pg	10:01:21.25	-0.48
			Sg	01:25.93	0.38
PKST	29.9	97	Pg	10:01:22.04	-0.13
			Sg	01:26.88	0.55
CSKK	47.4	80	Sg	10:01:32.65	0.73
PKSG	57.7	79	Pg	10:01:26.28	-0.86
			Sg	01:35.40	0.23
PKSM	142.1	148	Sn	10:01:58.22	-2.68

402.

2018-05-02 time: 10:05:13.05 UTC ML= 1.1
 lat: 47.569N lon: 18.475E h= 0.0 km
 erh= 2.1km erz= 631km
 nr= 10 gap=151 rms=0.50
 Locality: Tatabánya
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
PKSG	20.7	198	Pg	10:05:17.15	0.41
			Sg	05:19.74	0.12
CSKK	28.0	215	Pg	10:05:18.17	0.12
			Sg	05:21.84	-0.11
STA1	35.8	120	Sg	10:05:23.92	-0.51
PKST	47.9	224	Pg	10:05:21.84	0.24
			Sg	05:27.66	-0.60
A336	83.6	28	Sg	10:05:39.10	-0.53
VYHS	106.3	15	Pg	10:05:32.94	0.90
			Sg	05:46.01	-0.84

403.

2018-05-02 time: 11:16:12.09 UTC ML= 1.8
 lat: 45.635N lon: 17.299E h= 0.0 km
 erh= 2.2km erz= 2.9km
 nr= 16 gap=127 rms=0.79
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	80.1	51	Pg	11:16:27.96	1.57
			Sg	16:37.59	0.04
BLY	98.9	185	Pg	11:16:30.07	0.32
			Sg	16:43.26	-0.26
PTJ	108.4	286	Pg	11:16:30.97	-0.48
			Sg	16:45.23	-1.31
KOGS	121.5	318	Pg	11:16:34.71	0.92
			Sg	16:50.39	-0.32
PKSM	122.3	58	Pg	11:16:34.06	0.12
			Sg	16:48.95	-2.03
MORH	122.7	58	Pg	11:16:34.20	0.19
			Sg	16:49.99	-1.12
PKB4	139.2	47	Sn	11:16:56.00	0.50
CRES	144.9	278	Pn	11:16:37.38	0.18
			Sn	16:56.04	-0.74
GROS	166.6	303	Sn	11:17:02.16	0.56

404.

2018-05-02 time: 21:19:08.85 UTC ML= 1.1
 lat: 45.992N lon: 18.441E h= 10.0 km
 erh=10.2km erz=24.0km
 nr= 7 gap=200 rms=0.67
 Locality: Szederkény
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	18.7	232	Pg	21:19:12.14	-0.49
			Sg	19:15.26	-0.31
KOVH	28.5	292	Pg	21:19:15.18	0.93
PKSM	28.9	32	Pg	21:19:14.95	0.64
MORH	29.4	32	Pg	21:19:14.94	0.55
PKB4	57.4	13	Pg	21:19:19.08	-0.18
PKS9	67.3	349	Pg	21:19:19.85	-1.15

405.

2018-05-03 time: 6:31:15.71 UTC ML= 1.1
 lat: 48.147N lon: 20.644E h= 0.0 km
 erh= 2.8km erz= 2.3km
 nr= 7 gap=176 rms=0.23
 Locality: Parasznya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	47.2	69	Pg	6:31:24.07	-0.08
			Sg	31:30.64	-0.09
PSZ	61.4	246	Pg	6:31:26.88	0.20
			Sg	31:35.21	-0.02
A336	122.7	274	Sg	6:31:54.53	-0.19
VYHS	139.6	286	Sn	6:31:58.98	-0.23
NIE	143.6	350	Sn	6:32:00.92	0.83

406.

2018-05-03 time: 6:37:03.29 UTC ML= 1.4
 lat: 47.312N lon: 18.394E h= 0.0 km
 erh= 2.0km erz= 5.4km
 nr= 10 gap=112 rms=0.66
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.9	358	PgU	6:37:04.05	-0.82
			Sg	37:04.83	-1.27
CSKK	11.6	299	Pg	6:37:05.38	0.03
			Sg	37:06.59	-0.37
PKST	27.8	258	Pg	6:37:08.50	0.25
			Sg	37:12.49	0.36
MORH	123.4	171	Sg	6:37:42.86	0.36
PKSM	123.8	171	Pg	6:37:26.81	1.42
			Sg	37:42.34	-0.29
PSZ	131.4	59	Pn	6:37:26.79	0.08

407.

2018-05-03 time: 8:00:03.94 UTC ML= 1.0
 lat: 48.560N lon: 20.750E h= 0.0 km
 erh= 1.4km erz= 2.8km
 nr= 8 gap=148 rms=0.47
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	46.6	129	Pg	8:00:12.00	-0.26
			Sg	00:18.78	0.03
PSZ	95.5	222	Pg	8:00:21.00	0.00
			Sg	00:35.02	0.71
NIE	100.8	341	Pg	8:00:22.40	0.46
			Sg	00:35.89	-0.08
VYHS	141.6	267	Pn	8:00:28.20	-0.43
			Sn	00:45.79	-2.10

408.

2018-05-03 time: 8:43:28.96 UTC ML= 1.9
 lat: 46.986N lon: 22.288E h= 0.0 km
 erh= 3.4km erz= 3.5km
 nr= 17 gap=121 rms=0.95
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
DRGR	38.8	124	PgU	8:43:36.98	1.08
			Sg	43:41.50	0.20
MESR	53.4	70	PgD	8:43:38.87	0.36
			Sg	43:45.30	-0.65
MARR	72.2	119	PgD	8:43:42.47	0.62
			Sg	43:50.00	-1.90
SIRR	93.3	211	PgC	8:43:45.99	0.38
			Sg	43:57.80	-0.80
CJR	104.4	107	PgC	8:43:47.79	0.18
BMR	119.1	50	Sg	8:44:04.30	-2.52
SURR	137.5	185	PnD	8:43:52.96	-0.18
			Sn	44:09.70	-2.31
ARCR	157.4	86	Pn	8:43:57.03	1.41
			Sn	44:16.89	0.47
BZS	160.8	199	Pn	8:43:56.76	0.72
			Sn	44:16.79	-0.37
ABAH	165.6	332	Pn	8:43:56.41	-0.23

Földrengés paraméterek

Hypocenter Parameters

409.

2018-05-03 time: 10:16:23.15 UTC ML= 0.8
 lat: 47.246N lon: 18.264E h= 0.0 km
 erh= 1.0km erz= 154km
 nr= 7 gap=231 rms=0.10
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	13.1	359	Pg	10:16:25.60	0.12
			Sg	16:27.32	0.02
PKST	17.5	275	Pg	10:16:26.15	-0.12
			Sg	16:28.66	-0.04
PKSG	18.8	30	Pg	10:16:26.44	-0.07
			Sg	16:29.05	-0.09
MPLH	55.5	261	Pg	10:16:33.22	0.15

410.

2018-05-03 time: 12:13:36.46 UTC ML= 1.9
 lat: 48.218N lon: 21.264E h= 0.0 km
 erh= 4.0km erz= 5.9km
 nr= 12 gap=156 rms=0.94
 Locality: Mád
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	8.9	348	Pg	12:13:38.10	0.05
KECS	64.8	297	Pg	12:13:47.89	-0.14
			Sg	13:53.83	-3.22
CRVS	77.5	11	Pg	12:13:50.28	-0.02
TRPA	95.4	96	Pg	12:13:54.28	0.79
			Sg	14:04.81	-1.96
PSZ	107.3	252	Pg	12:13:56.19	0.57
			Sg	14:09.95	-0.62
KOLS	109.0	43	ePg	12:13:56.50	0.58
			eSg	14:10.90	-0.20
NIE	150.7	332	Pn	12:14:03.68	1.40
			Sn	14:21.72	-0.71

411.

2018-05-04 time: 2:56:22.92 UTC ML= 1.5
 lat: 47.147N lon: 19.068E h= 14.7 km
 erh= 2.0km erz= 1.3km
 nr= 18 gap=112 rms=0.61
 Locality: Apaj
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKS7	13.2	148	Pg	2:56:27.04	0.60
			Sg	56:29.12	-0.07
STA1	31.9	334	Pg	2:56:28.98	-0.21
			Sg	56:33.35	-0.73
PKB1	45.5	207	Pg	2:56:32.02	0.57
			Sg	56:36.95	-1.16
PKB2	54.2	166	Sg	2:56:39.91	-0.86
PKB5	66.4	202	Pg	2:56:35.33	0.27
PKST	79.3	279	Sg	2:56:48.28	-0.27
PKB4	80.6	206	Pg	2:56:37.92	0.38
			Sg	56:48.60	-0.35
PKS9	86.6	224	P*	2:56:39.00	0.54
PSZ	105.9	36	Pn	2:56:41.96	0.68
			Sn	56:54.88	-0.73
MORH	108.5	197	Pn	2:56:41.90	0.30
			Sn	56:54.53	-1.65
PKSM	109.0	197	Pn	2:56:42.25	0.59
			Sn	56:55.58	-0.71

412.

2018-05-04 time: 7:25:09.54 UTC ML= 1.2
 lat: 48.735N lon: 18.728E h= 0.0 km
 erh= 4.4km erz= 8.2km
 nr= 9 gap=173 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	27.9	163	Pg	7:25:15.24	0.72
			Sg	25:18.90	0.49
A336	59.3	160	Sg	7:25:28.05	-0.32
A338	84.7	199	Sg	7:25:36.99	0.53
MODS	114.4	249	eSg	7:25:44.90	-0.98
PSZ	125.4	136	Pg	7:25:32.21	0.28
			Sg	25:48.04	-1.36
MORC	144.5	323	Pn	7:25:34.59	0.00
			Sn	25:53.69	-0.44

413.

2018-05-04 time: 8:45:37.18 UTC ML= 1.5
 lat: 48.602N lon: 20.765E h= 0.0 km
 erh= 1.6km erz= 2.4km
 nr= 13 gap=114 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.5	237	Pg	8:45:42.10	0.55
			Sg	45:45.22	0.26
ABAH	48.9	134	Sg	8:45:52.21	-0.50
CRVS	61.1	57	Pg	8:45:48.99	0.89
			Sg	45:56.09	-0.53
PSZ	99.8	220	Pg	8:45:55.48	0.48
			Sg	46:08.91	0.02
LANS	113.0	303	Pg	8:45:57.73	0.36
KOLS	116.8	72	Sg	46:12.18	-0.93
			eSg	8:46:15.10	0.78
A336	137.0	253	Sn	8:46:19.02	-1.09
TRPA	141.5	112	Sn	8:46:18.71	-2.40
VYHS	142.9	265	Sn	8:46:20.25	-1.17

414.

2018-05-04 time: 10:01:49.76 UTC ML= 1.5
 lat: 48.171N lon: 16.884E h= 0.0 km
 erh= 2.5km erz= 3.4km
 nr= 12 gap=145 rms=0.70
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	16.5	80	Pg	10:01:52.65	-0.06
			Sg	01:54.69	-0.31
CONA	80.9	250	Pg	10:02:04.64	0.44
			Sg	02:14.81	-0.65
KRUC	105.4	340	Pg	10:02:09.40	0.82
VRAC	128.2	350	Sg	02:23.14	-0.12
			Pg	10:02:12.67	0.01
ARSA	144.6	225	Sg	02:29.26	-1.27
			Pn	10:02:15.42	0.60
VYHS	149.1	76	Sn	02:33.30	-1.07
			Pn	10:02:16.50	1.11
			Sn	02:34.27	-1.11

Hypocenter Parameters

Földrengés paraméterek

415.

2018-05-04 time: 22:21:22.89 UTC ML= 0.5
 lat: 47.248N lon: 17.425E h= 10.0 km
 erh= 2.7km erz= 3.6km
 nr= 6 gap=205 rms=0.23
 Locality: Pápasalamon
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
MPLH	12.2	135	Pg	22:21:25.60			-0.11
			Sg		21:28.04		0.13
EGYH	20.1	339	Pg	22:21:26.84			-0.06
			Sg		21:30.02		0.00
PKST	46.1	88	Pg	22:21:31.67			0.35
			Sg		21:37.45		-0.44

416.

2018-05-04 time: 23:13:28.27 UTC ML= 0.1
 lat: 47.389N lon: 18.219E h= 1.2 km
 erh= 2.4km erz= 7.0km
 nr= 6 gap=224 rms=0.07
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	4.2	133	Pg	23:13:29.17			0.12
			Sg		13:29.65		-0.01
PKSG	12.9	89	Pg	23:13:30.61			0.02
			Sg		13:32.28		-0.12
PKST	20.1	224	Pg	23:13:31.83			-0.03
			Sg		13:34.63		-0.04

417.

2018-05-05 time: 0:44:08.79 UTC ML= 1.7
 lat: 47.611N lon: 20.332E h= 5.0 km
 erh= 3.0km erz= 3.7km
 nr= 11 gap=193 rms=0.69
 Locality: Átány
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PSZ	47.4	316	Pg	0:44:18.62			1.32
			Sg		44:23.58		-0.36
PENC	81.3	284	Pg	0:44:24.07			0.72
			Sg		44:33.93		-0.77
KECS	97.7	7	Sg	0:44:39.49			-0.39
ABAH	102.0	42	Pg	0:44:26.71			-0.32
			Sg		44:40.45		-0.80
PKS7	108.5	235	Pg	0:44:28.85			0.67
			Sg		44:42.40		-0.90
A336	121.3	305	Pn	0:44:30.17			-0.14
VYHS	148.6	311	Sn	0:44:53.25			0.10

418.

2018-05-07 time: 7:54:24.98 UTC ML= 0.9
 lat: 45.624N lon: 18.277E h= 10.0 km
 erh= 1.8km erz= 2.3km
 nr= 9 gap=231 rms=0.55
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	29.5	356	Pg	7:54:30.96			0.42
			Sg		54:35.10		0.22
KOVH	53.4	345	Pg	7:54:34.42			-0.27
			Sg		54:40.69		-1.57
PKSM	71.2	23	Pg	7:54:38.32			0.49
			Sg		54:47.73		-0.11
MORH	71.7	23	Pg	7:54:38.43			0.52
			Sg		54:47.66		-0.34

FRGS 131.8 114 Sn 7:55:03.76 -0.72

419.

2018-05-07 time: 9:56:28.65 UTC ML= 1.3
 lat: 48.411N lon: 20.625E h= 0.0 km
 erh= 3.4km erz= 902km
 nr= 6 gap=158 rms=0.53
 Locality: Felsőtelekes
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	13.1	308	Pg	9:56:30.94			-0.04
			Sg		56:32.37		-0.43
ABAH	47.3	106	Pg	9:56:38.00			0.90
			Sg		56:42.83		-0.86
PSZ	77.1	225	Pg	9:56:42.26			-0.16
			Sg		56:53.46		0.29

420.

2018-05-07 time: 10:03:07.79 UTC ML= 1.0
 lat: 46.137N lon: 18.050E h= 0.0 km
 erh= 1.0km erz= 132km
 nr= 7 gap=289 rms=0.09
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	6.6	144	Pg	10:03:09.01			0.04
			Sg		03:09.98		0.09
PKSV	31.7	150	Sg	10:03:17.64			-0.23
PKSM	46.4	80	Pg	10:03:16.11			0.03
			Sg		03:22.42		-0.13
MORH	46.7	79	Pg	10:03:16.16			0.03
			Sg		03:22.70		0.06

421.

2018-05-07 time: 10:26:20.50 UTC ML= 1.0
 lat: 46.113N lon: 18.062E h= 0.0 km
 erh= 2.2km erz= 446km
 nr= 10 gap=228 rms=0.35
 Locality: Bükkösd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	4.0	134	Pg	10:26:21.23			0.02
			Sg		26:22.39		0.62
PKSV	29.0	150	Pg	10:26:25.57			-0.10
			Sg		26:29.97		0.26
PKSM	46.0	76	Pg	10:26:28.49			-0.23
			Sg		26:34.86		-0.27
MORH	46.4	76	Pg	10:26:28.62			-0.16
			Sg		26:34.70		-0.53
PKS9	55.2	18	Sg	10:26:38.11			0.05
PKB5	74.5	44	Sg	10:26:45.11			0.92

422.

2018-05-07 time: 18:54:36.19 UTC ML= 0.2
 lat: 47.374N lon: 18.251E h= 4.7 km
 erh= 5.9km erz= 1.3km
 nr= 6 gap=207 rms=0.12
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	1.4	150	Pg	18:54:37.07			0.01
			Sg		54:37.63		-0.11
PKSG	10.7	79	Pg	18:54:38.33			0.05
			Sg		54:39.96		0.06
PKST	20.8	232	Pg	18:54:39.84			-0.16
			Sg		54:43.19		0.23

Földrengés paraméterek

Hypocenter Parameters

423.

2018-05-07 time: 18:55:52.43 UTC ML= 0.2
 lat: 47.391N lon: 18.239E h= 2.2 km
 erh= 1.3km erz= 1.7km
 nr= 5 gap=223 rms=0.05
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	3.5	152	Pg	18:55:53.21	0.03
			Sg	55:53.75	-0.01
PKSG	11.5	90	Pg	18:55:54.56	0.04
			Sg	55:56.06	-0.09
PKST	21.3	226	Sg	18:55:59.23	-0.01

424.

2018-05-07 time: 21:23:57.89 UTC ML= 1.8
 lat: 48.459N lon: 17.338E h= 8.8 km
 erh= 1.1km erz= 0.8km
 nr= 27 gap= 72 rms=0.52
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SMOL	9.1	48	PgD	21:23:59.88	-0.27
			Sg	24:01.02	-0.89
MODS	10.5	205	ePg	21:24:00.50	0.17
			eSg	24:01.70	-0.53
ZST	34.0	211	Pg	21:24:04.22	0.06
			Sg	24:08.66	-0.39
A337	41.1	125	Pg	21:24:06.19	0.80
			Sg	24:12.04	0.79
A338	90.1	123	Pg	21:24:14.09	0.04
			Sg	24:25.87	-0.78
KRUC	96.4	314	Pg	21:24:15.81	0.63
			Sg	24:28.10	-0.57
VRAC	109.1	330	Pn	21:24:17.83	0.43
			Sn	24:32.21	-0.41
VYHS	110.9	88	Pn	21:24:17.04	-0.58
			Sn	24:30.07	-2.94*
RONA	114.7	223	Pn	21:24:17.99	-0.10
			Sn	24:33.08	-0.77
EGYH	115.8	180	Sn	21:24:33.36	-0.75
CONA	124.6	242	Pn	21:24:19.79	0.46
			Sn	24:36.42	0.36
A336	125.7	102	Pn	21:24:20.12	0.66
CSKK	140.0	150	Sn	21:24:39.85	0.38
PKSG	142.3	146	Sn	21:24:40.26	0.26
PKST	143.2	159	Sn	21:24:40.34	0.15
MPLH	144.1	174	Sn	21:24:39.81	-0.57
MORC	147.4	6	Sn	21:24:41.38	0.27

425.

2018-05-08 time: 6:38:34.00 UTC ML= 1.1
 lat: 47.431N lon: 18.387E h= 0.0 km
 erh= 6.2km erz= 6.5km
 nr= 8 gap=297 rms=0.74
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.3	176	PgU	6:38:35.02	0.24
			Sg	38:35.52	0.14
CSKK	12.2	232	PgU	6:38:36.37	0.20
			Sg	38:37.45	-0.42
PKST	32.8	234	Pg	6:38:39.66	-0.20
			Sg	38:44.13	-0.30
PKSM	136.9	172	Pn	6:38:58.90	0.79
			Sn	39:13.00	-3.91

426.

2018-05-08 time: 8:10:11.15 UTC ML= 1.2
 lat: 48.643N lon: 20.734E h= 0.0 km
 erh= 3.0km erz= 3.1km
 nr= 7 gap=158 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.5	226	Pg	8:10:15.32	-0.39
			Sg	10:18.68	-0.58
ABAH	53.7	136	Pg	8:10:21.07	0.33
CRVS	60.7	62	Pg	8:10:21.72	-0.27
PSZ	101.9	218	Pg	8:10:29.41	0.07
VYHS	141.1	263	Pn	8:10:36.46	0.69
			Sn	10:55.22	0.24

427.

2018-05-08 time: 9:05:51.31 UTC ML= 2.3
 lat: 48.225N lon: 21.244E h= 0.0 km
 erh= 2.0km erz= 2.1km
 nr= 14 gap=125 rms=0.48
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	7.9	357	PgU	9:05:52.93	0.21
			Sg	05:53.92	0.11
KECS	63.1	297	Pg	9:06:02.84	0.26
			Sg	06:10.49	-0.88
CRVS	77.0	12	Pg	9:06:05.03	-0.02
			Sg	06:15.09	-0.68
KOLS	109.4	44	Pg	9:06:11.32	0.48
STHS	132.5	360	ePn	9:06:14.70	-0.16
NIE	149.3	333	Sn	9:06:37.13	0.16
A336	166.8	270	Pn	9:06:20.75	1.61
			Sn	06:40.59	-0.26
VYHS	180.9	280	Sn	9:06:44.33	0.34
DRGR	193.9	145	Pn	9:06:22.40	-0.13
			Sn	06:45.91	-0.96

428.

2018-05-08 time: 10:01:23.73 UTC ML= 1.9
 lat: 48.103N lon: 16.930E h= 0.0 km
 erh= 3.2km erz= 808km
 nr= 7 gap=137 rms=0.53
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	16.5	51	Pg	10:01:27.03	0.35
			Sg	01:28.96	-0.01
A339	62.2	119	Pg	10:01:34.49	-0.35
CONA	82.0	256	Pg	10:01:38.79	0.41
			Sg	01:49.47	-0.33
KRUC	113.6	340	Pg	10:01:44.33	0.31
			Sg	01:57.77	-2.08

429.

2018-05-08 time: 10:02:15.42 UTC ML= 0.9
 lat: 47.206N lon: 18.280E h= 0.0 km
 erh= 3.6km erz= 430km
 nr= 6 gap=244 rms=0.26
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	19.5	287	Pg	10:02:18.74	-0.17
			Sg	02:21.85	0.23
PKSG	22.3	22	Pg	10:02:19.19	-0.21

Hypocenter Parameters

MPLH 56.3 266 Sg 02:22.44 -0.06
Pg 10:02:25.94 0.47
Sg 02:33.08 -0.23

430.

2018-05-08 time: 23:45:49.73 UTC ML= 1.3
lat: 45.754N lon: 17.899E h= 4.3 km
erh= 2.4km erz= 1.8km
nr= 18 gap=158 rms=0.48
Locality: Croatia
Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	31.2	61	Pg	23:45:55.74			0.38
			Sg	46:00.46			0.71
KOVH	40.3	23	PgD	23:45:57.27			0.31
			Sg	46:03.05			0.45
PKSM	76.8	48	PgD	23:46:03.15			-0.31
			Sg	46:13.55			-0.62
MORH	77.2	48	PgD	23:46:03.15			-0.39
			Sg	46:13.51			-0.81
PKB4	98.8	33	Pg	23:46:07.26			-0.14
PKB5	113.6	35	Pg	23:46:09.67			-0.36
			Sg	46:25.89			0.02
PKS2	130.5	51	Pn	23:46:13.13			0.64
PKB1	133.6	31	Pn	23:46:13.39			0.52
			Sn	46:30.43			-0.49
KOGS	149.0	301	Sn	23:46:33.82			-0.53
FRGS	164.6	115	Sn	23:46:37.70			-0.10
PKST	167.6	4	Sn	23:46:39.57			1.10
CRES	190.1	272	Sn	23:46:43.27			-0.19

431.

2018-05-09 time: 7:10:06.69 UTC ML= 1.5
lat: 47.348N lon: 18.431E h= 0.0 km
erh= 1.1km erz= 1.4km
nr= 9 gap=130 rms=0.36
Locality: Gánt
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	5.8	328	Pg	7:10:08.08			0.37
			Sg	10:08.51			0.00
CSKK	13.0	278	Pg	7:10:09.17			0.17
			Sg	10:10.63			-0.18
PKST	31.6	252	Pg	7:10:12.66			0.34
			Sg	10:16.34			-0.38
PSZ	127.0	60	Sg	7:10:47.22			0.17
VYHS	131.0	13	Sn	7:10:47.33			-0.95
KOVH	142.3	190	Sn	7:10:50.30			-0.49

432.

2018-05-09 time: 7:17:32.67 UTC ML= 1.0
lat: 47.340N lon: 18.418E h= 0.0 km
erh= 1.5km erz= 328km
nr= 7 gap=193 rms=0.21
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.2	340	Pg	7:17:33.92			0.14
			Sg	17:34.41			-0.22
CSKK	12.2	282	PgU	7:17:35.21			0.36
			Sg	17:36.52			-0.03
PKST	30.4	253	Pg	7:17:38.09			-0.01
			Sg	17:42.00			-0.33
PSZ	128.3	60	Sg	7:18:13.30			-0.15

Földrengés paraméterek

433.

2018-05-09 time: 8:04:31.12 UTC ML= 1.5
lat: 48.596N lon: 20.731E h= 0.0 km
erh= 3.5km erz= 4.9km
nr= 10 gap=162 rms=0.87
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.0	235	Pg	8:04:35.46			0.41
			Sg	04:37.98			-0.14
CRVS	63.6	58	Sg	8:04:50.45			-0.90
PSZ	97.6	220	Pg	8:04:49.41			0.86
			Sg	05:01.77			-0.38
STHS	98.7	22	Pg	8:04:50.14			1.39
LANS	111.3	304	Pg	8:04:51.00			-0.01
			Sg	05:05.41			-1.10
VYHS	140.4	265	Pn	8:04:55.71			0.05
			Sn	05:12.61			-2.19

434.

2018-05-09 time: 8:50:35.67 UTC ML= 0.5
lat: 47.196N lon: 18.297E h= 0.0 km
erh= 0.9km erz= 252km
nr= 7 gap=148 rms=0.17
Locality: Székesfehérvár
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.8	352	Pg	8:50:39.20			0.18
			Sg	50:41.14			-0.50
PKST	21.1	289	Pg	8:50:39.47			0.04
			Sg	50:42.39			0.02
PKSG	22.9	18	Pg	8:50:39.83			0.07
			Sg	50:42.94			-0.01
PKSM	112.5	166	Sg	8:51:11.27			-0.17

435.

2018-05-09 time: 9:09:00.16 UTC ML= 1.2
lat: 46.116N lon: 17.997E h= 0.0 km
erh= 2.6km erz= 402km
nr= 7 gap=241 rms=0.26
Locality: Bükkösd
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	8.5	111	PgU	9:09:01.69			0.00
			Sg	09:02.69			-0.18
PKSV	32.1	142	PgU	9:09:06.02			0.13
PKS9	56.7	23	Sg	9:09:17.89			-0.29
PKB4	63.1	48	Sg	9:09:19.90			-0.31
PKB5	77.9	47	Sg	9:09:25.58			0.65
PKB1	96.2	39	Sg	9:09:30.87			0.12

436.

2018-05-09 time: 13:49:30.42 UTC ML= 1.0
lat: 47.577N lon: 18.450E h= 0.0 km
erh= 2.7km erz= 616km
nr= 10 gap=154 rms=0.49
Locality: Tatabánya
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	21.1	192	Pg	13:49:34.37			0.18
			Sg	49:37.14			0.00
CSKK	27.8	211	Pg	13:49:35.58			0.20
			Sg	49:38.65			-0.60
PKST	47.3	222	Pg	13:49:38.99			0.12
			Sg	49:45.35			-0.11
A336	83.7	29	Sg	13:49:56.27			-0.75

Földrengés paraméterek

Hypocenter Parameters

VYHS 105.9 16 Pg 13:49:50.18 0.85
 Sg 50:03.12 -0.96
 PSZ 114.8 71 Sg 13:50:07.24 0.34

437.

2018-05-10 time: 8:43:33.53 UTC ML= 1.5
 lat: 48.218N lon: 18.786E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 10 gap= 93 rms=0.94
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	15.9	84	Pg	8:43:36.66	0.28
			Sg	43:39.03	0.43
VYHS	30.9	7	Pg	8:43:39.29	0.23
			Sg	43:43.58	0.22
A338	39.3	235	Sg	8:43:47.51	1.47
PENC	60.2	142	Sg	8:43:51.84	-0.84
PSZ	89.1	112	Pg	8:43:50.56	1.12
			Sg	44:00.67	-1.18
MODS	113.3	279	ePg	8:43:52.40	-1.36
			eSg	44:07.90	-1.63

438.

2018-05-10 time: 9:11:41.31 UTC ML= 1.6
 lat: 47.905N lon: 19.405E h= 0.0 km
 erh= 1.3km erz= 5.0km
 nr= 13 gap=121 rms=0.53
 Locality: Becske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	15.7	216	Pg	9:11:43.97	-0.15
			Sg	11:46.22	-0.09
ET1H	35.0	95	Pg	9:11:47.16	-0.40
			Sg	11:52.21	-0.23
PSZ	36.6	88	Pg	9:11:47.57	-0.28
			Sg	11:52.87	-0.09
A336	47.4	320	Pg	9:11:50.37	0.60
			Sg	11:55.61	-0.76
VYHS	77.9	327	Pg	9:11:55.53	0.30
			Sg	12:05.16	-0.92
KECS	102.9	51	ePg	9:12:00.10	0.41
			eSg	12:14.40	0.38
MODS	166.7	288	ePn	9:12:10.50	1.37
			eSn	12:33.60	2.77*

439.

2018-05-10 time: 10:23:56.35 UTC ML= 1.2
 lat: 48.424N lon: 20.765E h= 0.0 km
 erh= 1.9km erz= 4.4km
 nr= 8 gap=129 rms=0.40
 Locality: Galvács
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.7	288	Pg	10:24:00.23	0.00
			Sg	24:02.57	-0.69
ABAH	37.9	112	Pg	10:24:03.09	-0.02
			Sg	24:08.12	-0.27
PSZ	85.7	229	Pg	10:24:11.82	0.16
			Sg	24:23.86	0.26
NIE	115.5	343	Pg	10:24:17.79	0.81
VYHS	142.9	273	Pn	10:24:20.77	-0.43

440.

2018-05-10 time: 11:45:26.36 UTC ML= 1.8
 lat: 48.352N lon: 19.867E h= 0.0 km
 erh= 1.6km erz= 2.4km
 nr= 8 gap=142 rms=0.29
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	48.1	72	Pg	11:45:34.98	0.03
PSZ	48.3	178	Pg	11:45:35.13	0.15
			Sg	45:41.35	-0.36
A336	65.7	258	Pg	11:45:38.17	0.07
			Sg	45:47.21	-0.05
ABAH	102.0	94	Pg	11:45:44.86	0.29
			Sg	45:57.46	-1.32
STHS	155.6	40	Sn	11:46:13.42	0.00

441.

2018-05-11 time: 7:36:14.21 UTC ML= 1.1
 lat: 47.286N lon: 18.330E h= 0.0 km
 erh= 1.4km erz= 3.0km
 nr= 10 gap=109 rms=0.41
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	10.1	329	Pg	7:36:15.83	-0.18
			Sg	36:17.23	-0.18
PKSG	12.6	21	Pg	7:36:16.38	-0.09
			Sg	36:18.60	0.37
PKST	22.6	262	Pg	7:36:18.34	0.10
			Sg	36:21.47	0.09
MORH	121.4	169	Sg	7:36:52.84	0.05
PKSM	121.8	169	Pg	7:36:36.84	0.89
			Sg	36:51.98	-0.93
PSZ	137.1	59	Sn	7:36:56.66	-0.49

442.

2018-05-11 time: 8:00:57.05 UTC ML= 1.6
 lat: 48.590N lon: 20.773E h= 0.0 km
 erh= 1.1km erz= 334km
 nr= 9 gap=140 rms=0.26
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.3	241	Pg	8:01:01.58	0.18
			Sg	01:04.07	-0.72
ABAH	47.5	133	Pg	8:01:05.60	0.06
			Sg	01:11.80	-0.36
CRVS	61.4	56	Pg	8:01:08.24	0.22
			Sg	01:16.18	-0.38
STHS	98.2	21	Pg	8:01:14.70	0.11
PSZ	99.2	221	Pg	8:01:14.92	0.16
			Sg	01:28.60	0.02

443.

2018-05-11 time: 8:19:32.88 UTC ML= 1.9
 lat: 45.815N lon: 21.631E h= 10.0 km
 erh=10.4km erz= 6.7km
 nr= 5 gap=155 rms=0.44
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
BZS	22.0	183	Pg	8:19:37.32	0.12
			Sg	19:40.32	-0.25
DRGR	136.8	37	Pn	8:19:56.30	0.60
			Sn	20:12.72	-0.78

Hypocenter Parameters

Földrengés paraméterek

FRGS 161.2 242 Sn 8:20:18.80 -0.09

447.

444.

2018-05-11 time: 10:43:43.78 UTC ML= 1.5
 lat: 46.273N lon: 21.997E h= 0.0 km
 erh= 2.6km erz= 4.3km
 nr= 19 gap=129 rms=1.04
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SIRR	26.0	269	PgD	10:43:48.86			0.44
			Sg	43:52.40			0.36
SURR	58.6	170	PgC	10:43:55.40			1.16
			Sg	44:01.00			-1.40
BZS	78.7	202	Pg	10:43:59.04			1.20
			Sg	44:09.02			0.22
DRGR	79.5	44	Pg	10:43:59.65			1.66
			Sg	44:08.71			-0.36
TIM	84.7	225	PgD	10:43:59.35			0.45
			Sg	44:09.00			-1.69
MARR	97.1	63	PgD	10:44:00.72			-0.41
			Sg	44:12.50			-2.16
AMBH	98.3	275	Sg	10:44:12.88			-2.14
GZR	115.1	148	PgD	10:44:04.31			-0.02
			Sg	44:19.50			-0.86
HERR	158.2	168	PnC	10:44:10.18			-0.36
			Sn	44:31.30			-0.11
MDVR	167.3	188	PnC	10:44:12.79			1.12
			Sn	44:33.20			-0.23

445.

2018-05-11 time: 11:11:00.53 UTC ML= 1.6
 lat: 48.323N lon: 19.872E h= 0.0 km
 erh= 3.0km erz= 956km
 nr= 9 gap=145 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	45.0	178	Pg	11:11:09.15			0.58
			Sg	11:14.69			-0.15
KECS	48.8	69	Pg	11:11:09.96			0.70
A336	65.5	261	Sg	11:11:20.68			-0.68
PENC	73.7	217	Pg	11:11:14.55			0.85
			Sg	11:23.48			-0.49
VYHS	79.0	284	Sg	11:11:25.00			-0.64
ABAH	101.5	92	Sg	11:11:31.21			-1.59
A338	118.1	253	Sg	11:11:38.05			-0.01

446.

2018-05-12 time: 7:04:55.85 UTC ML= 1.1
 lat: 48.056N lon: 19.640E h= 0.0 km
 erh= 2.9km erz= 721km
 nr= 6 gap=180 rms=0.43
 Locality: Sóshartyán
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	24.4	129	Pg	7:05:00.55			0.34
			Sg	05:03.07			-0.55
PENC	39.9	222	Pg	7:05:03.00			0.03
			Sg	05:08.60			0.08
A336	51.6	292	Sg	7:05:12.82			0.58
VYHS	77.0	309	Sg	7:05:19.59			-0.73

2018-05-12 time: 8:51:17.40 UTC ML= 1.2
 lat: 46.168N lon: 18.298E h= 0.0 km
 erh= 1.2km erz= 262km
 nr= 9 gap=149 rms=0.20
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.7	240	Pg	8:51:20.56			0.00
			Sg	51:22.98			-0.04
PKSM	27.0	80	Pg	8:51:22.45			0.23
			Sg	51:25.96			-0.01
MORH	27.3	79	Pg	8:51:22.40			0.13
			Sg	51:25.86			-0.21
PKSV	31.3	186	Pg	8:51:23.03			0.04
			Sg	51:27.23			-0.12
PKB1	78.3	29	Sg	8:51:41.20			-1.10

448.

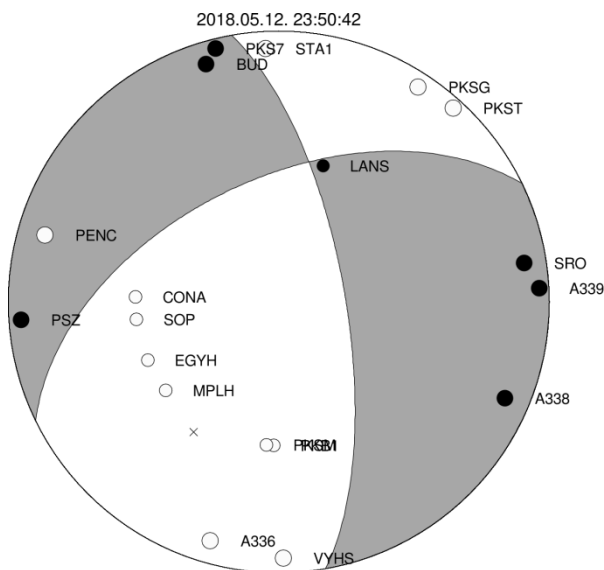
2018-05-12 time: 23:50:42.46 UTC ML= 2.4
 lat: 47.872N lon: 18.850E h= 6.8 km
 erh= 0.9km erz= 0.9km
 nr= 64 gap= 62 rms=0.66
 Locality: Márianosztra
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PENC	33.6	106	PgD	23:50:49.08			0.50
			Sg	50:53.36			0.01
A338	40.4	293	PgU	23:50:50.68			0.90
			Sg	50:56.24			0.76
SRO	40.7	261	PgU	23:50:50.48			0.66
			Sg	50:56.20			0.64
A336	41.7	16	PgD	23:50:50.43			0.43
			Sg	50:54.95			-0.93
BUD	45.1	163	PgU	23:50:50.83			0.22
			Sg	50:56.09			-0.87
STA1	51.9	177	PgD	23:50:52.28			0.47
			Sg	50:58.42			-0.68
PKSG	63.6	213	PgD	23:50:53.89			0.02
			Sg	51:02.51			-0.26
VYHS	69.2	359	PgD	23:50:54.78			-0.09
			Sg	51:02.94			-1.61
CSKK	71.8	218	Pg	23:50:54.91			-0.43
			Sg	51:05.24			-0.16
PSZ	78.3	86	PgU	23:50:56.07			-0.43
			Sg	51:06.31			-1.13
PNNH	89.1	246	Pg	23:50:58.49			0.08
			Sg	51:09.92			-0.93
A337	89.2	298	Pg	23:50:58.73			0.30
A339	89.5	267	PgU	23:50:58.88			0.40
			Sg	51:11.04			0.06
PKST	91.7	222	PgD	23:50:58.19			-0.69
			Sg	51:10.57			-1.11
PKS7	94.6	166	PgU	23:51:00.48			1.08
			Sg	51:11.56			-1.06
PKB1	121.0	182	PnD	23:51:03.94			0.23
			Sn	51:18.66			-1.63
BSZH	124.2	121	Pn	23:51:04.37			0.26
EGYH	124.7	246	PnD	23:51:04.52			0.34
			Sn	51:20.46			-0.66
MPLH	125.8	232	PnD	23:51:04.10			-0.21
			Sn	51:20.48			-0.88
MODS	129.7	295	ePn	23:51:04.80			0.00
ZST	135.2	285	Pn	23:51:04.82			-0.66
KECS	139.4	61	ePn	23:51:05.40			-0.61
			eSn	51:23.20			-1.17
PKB5	142.2	183	Pn	23:51:06.81			0.45
			Sn	51:24.11			-0.89
PKS9	149.2	197	Pn	23:51:08.56			1.32
LANS	149.3	18	PnU	23:51:08.15			0.90
			Sn	51:25.94			-0.64

Földrengés paraméterek

Hypocenter Parameters

PKB4	154.1	187	Pn	23:51:08.56	0.72
			Sn	51:27.30	-0.33
PKS2	155.9	170	Pn	23:51:08.61	0.55
			Sn	51:28.91	0.88
SOP	173.0	263	PnD	23:51:10.08	-0.12
			Sn	51:32.81	0.98
ABAH	184.2	75	Pn	23:51:12.21	0.61
MORH	184.8	185	Pn	23:51:11.57	-0.10
			Sn	51:35.41	0.96
PKSM	185.2	185	PnD	23:51:11.54	-0.18
			Sn	51:35.38	0.83
RONA	192.3	264	Pn	23:51:11.75	-0.85
			Sn	51:36.14	0.02
KOVH	206.3	196	Pn	23:51:14.57	0.22
BEHE	221.4	225	Pn	23:51:17.06	0.83
			Sn	51:42.45	-0.12
CONA	223.5	272	PnD	23:51:15.88	-0.62
CRVS	224.8	59	ePn	23:51:20.60	3.94*
STHS	246.2	46	ePn	23:51:19.70	0.37
ARSA	259.7	255	Pn	23:51:21.35	0.34
KOLS	279.6	65	ePn	23:51:26.50	3.01*
DRGR	315.6	112	Pn	23:51:28.35	0.37*
BZS	328.0	140	Pn	23:51:29.87	0.35*
KHC	414.0	290	ePn	23:51:39.60	-0.64*



449.

2018-05-13 time: 10:14:08.64 UTC ML= 1.4
 lat: 45.902N lon: 17.185E h= 21.2 km
 erh= 2.6km erz= 2.3km
 nr= 14 gap=179 rms=0.43
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
BEHE	70.6	333	Pg	10:14:21.69	0.43
			Sg	14:31.11	0.00
KOVH	73.9	74	Pg	10:14:21.98	0.23
			Sg	14:31.42	-0.57
PKSV	82.9	91	Pg	10:14:22.94	-0.19
			Sg	14:33.88	-0.55
KOGS	94.3	310	Pn	10:14:24.98	0.21
			Sn	14:36.17	-1.18
PTJ	95.2	270	Pn	10:14:25.23	0.35
			Sn	14:36.54	-1.01
PKSM	117.9	73	Pn	10:14:27.83	0.12
			Sn	14:42.75	0.17
MORH	118.2	73	Pn	10:14:28.04	0.29
			Sn	14:42.97	0.32

450.

2018-05-14 time: 6:57:02.03 UTC ML= 1.5
 lat: 47.099N lon: 18.024E h= 0.0 km
 erh= 1.5km erz= 553km
 nr= 11 gap=114 rms=0.45
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.8	3	Pg	6:57:05.12	-0.09
			Sg	57:06.99	-0.70
CSKK	34.4	31	Pg	6:57:08.96	0.79
			Sg	57:12.80	-0.17
MPLH	37.6	282	Pg	6:57:09.17	0.44
			Sg	57:14.03	0.06
PKSG	42.8	40	Pg	6:57:09.45	-0.22
MORH	109.1	154	Pg	6:57:21.69	0.19
			Sg	57:36.24	-0.45
KOVH	112.5	177	Pg	6:57:22.38	0.27
			Sg	57:36.78	-1.00

451.

2018-05-14 time: 7:05:01.42 UTC ML= 1.1
 lat: 48.079N lon: 20.693E h= 0.0 km
 erh= 2.9km erz= 640km
 nr= 5 gap=194 rms=0.29
 Locality: Bükkzentlászló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	47.3	59	Pg	7:05:10.06	0.20
			Sg	05:16.05	-0.39
KECS	47.5	341	Sg	7:05:16.60	0.09
PSZ	62.2	253	Pg	7:05:12.78	0.26
			Sg	05:20.76	-0.43

452.

2018-05-14 time: 8:45:44.31 UTC ML= 1.5
 lat: 45.576N lon: 17.432E h= 0.0 km
 erh= 7.3km erz= 4.2km
 nr= 9 gap=198 rms=0.69
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	77.1	42	Pg	8:45:58.89	0.82
			Sg	46:10.45	1.65
BLY	93.9	192	Sg	8:46:14.16	-0.01
PKSM	117.5	53	Pg	8:46:05.11	-0.18
			Sg	46:20.56	-1.10
MORH	118.0	53	Pg	8:46:05.19	-0.18
			Sg	46:20.96	-0.84
PKS9	130.1	30	Pg	8:46:07.48	-0.06
PKB4	136.8	42	Sn	8:46:27.08	-0.10

453.

2018-05-14 time: 8:48:34.42 UTC ML= 1.8
 lat: 48.665N lon: 20.730E h= 0.0 km
 erh= 2.6km erz= 750km
 nr= 7 gap=162 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	27.1	222	Pg	8:48:39.53	0.28
			Sg	48:42.16	-0.86
ABAH	55.7	137	Pg	8:48:44.83	0.47
			Sg	48:52.07	-0.05
CRVS	59.9	64	Sg	8:48:53.05	-0.40

Hypocenter Parameters

STHS 91.7 24 eSg 8:49:04.20 0.65
KOLS 117.3 75 Sg 8:49:11.11 -0.58

454.

2018-05-14 time: 9:01:25.34 UTC ML= 1.2
lat: 48.592N lon: 20.752E h= 0.0 km
erh= 1.4km erz= 1.6km
nr= 8 gap=151 rms=0.28
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.1	238	Pg	9:01:29.63	0.17
			Sg	01:32.96	0.28
ABAH	48.9	132	Pg	9:01:33.75	-0.31
CRVS	62.5	57	ePg	9:01:36.60	0.10
PSZ	98.4	220	Pg	9:01:43.21	0.31
			Sg	01:56.29	-0.31
VYHS	141.9	266	Pn	9:01:50.06	0.00
			Sn	02:08.62	-0.73

455.

2018-05-14 time: 9:13:18.85 UTC ML= 1.5
lat: 48.447N lon: 19.527E h= 0.0 km
erh= 1.8km erz= 661km
nr= 12 gap=112 rms=0.54
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	45.8	239	Pg	9:13:27.56	0.53
			Sg	13:33.23	-0.18
VYHS	51.4	276	Pg	9:13:28.51	0.48
			Sg	13:34.74	-0.44
PSZ	64.8	155	Pg	9:13:30.87	0.45
			Sg	13:38.96	-0.49
KECS	71.0	87	Sg	9:13:41.32	-0.10
A338	99.6	241	Pg	9:13:36.70	0.06
			Sg	13:49.70	-0.81
NIE	122.5	28	Sg	9:13:57.28	-0.51
ABAH	128.0	98	Pg	9:13:42.47	0.76
			Sg	13:58.34	-1.19

456.

2018-05-14 time: 10:10:04.79 UTC ML= 1.4
lat: 47.121N lon: 17.840E h= 0.0 km
erh= 2.9km erz= ***km
nr= 13 gap=113 rms=0.96
Locality: Márkó
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	21.2	44	Pg	10:10:08.59	0.01
			Sg	10:11.47	-0.07
MPLH	23.5	283	Pg	10:10:09.35	0.37
			Sg	10:12.78	0.53
PKB1	81.6	117	Pg	10:10:21.38	2.02
KOVH	116.5	170	Pg	10:10:26.16	0.56
			Sg	10:40.71	-1.12
MORH	118.0	149	Pg	10:10:26.28	0.42
			Sg	10:40.79	-1.50
PKSM	118.2	149	Pg	10:10:26.21	0.31
			Sg	10:40.65	-1.72
A337	124.9	358	Pg	10:10:26.97	-0.13
			Sg	10:42.75	-1.75

Földrengés paraméterek

457.

2018-05-15 time: 7:21:11.27 UTC ML= 1.6
lat: 47.831N lon: 19.854E h= 0.0 km
erh= 4.8km erz= 891km
nr= 8 gap=201 rms=0.65
Locality: Gyöngyöstarján
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	10.2	17	PgU	7:21:13.55	0.46
			Sg	21:15.11	0.60
PENC	43.1	264	Sg	7:21:24.24	-0.74
KECS	86.4	33	Pg	7:21:27.25	0.55
			Sg	21:37.56	-1.18
VYHS	105.7	314	Pg	7:21:30.43	0.28
ABAH	115.5	63	Pg	7:21:32.02	0.13
			Sg	21:46.84	-1.13

458.

2018-05-15 time: 7:52:12.39 UTC ML= 1.6
lat: 48.482N lon: 18.767E h= 0.0 km
erh= 2.1km erz= 414km
nr= 8 gap=225 rms=0.30
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	5.3	76	Pg	7:52:13.01	-0.33
			Sg	52:14.18	0.10
A336	32.6	148	Pg	7:52:18.65	0.43
			Sg	52:22.61	-0.15
A338	60.4	211	Pg	7:52:23.26	0.09
			Sg	52:31.88	0.30
PKSG	124.5	193	Pg	7:52:34.55	-0.07
			Sg	52:51.34	-0.61

459.

2018-05-15 time: 8:06:22.85 UTC ML= 1.4
lat: 48.585N lon: 20.779E h= 0.0 km
erh= 2.0km erz= 3.0km
nr= 11 gap=112 rms=0.52
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.5	242	Pg	8:06:27.55	0.34
			Sg	06:29.84	-0.78
ABAH	46.9	133	Pg	8:06:31.45	0.23
			Sg	06:36.66	-1.09
CRVS	61.3	55	ePg	8:06:34.10	0.30
			eSg	06:42.30	-0.04
PSZ	99.1	222	Pg	8:06:41.06	0.52
			Sg	06:55.04	0.70
LANS	114.9	303	Pg	8:06:43.01	-0.35
A336	137.5	253	Sn	8:07:05.15	-0.73
VYHS	143.8	266	Pn	8:06:47.74	-0.07

460.

2018-05-15 time: 9:05:34.33 UTC ML= 1.4
lat: 46.251N lon: 18.463E h= 0.0 km
erh= 1.2km erz= 479km
nr= 14 gap= 95 rms=0.41
Locality: Kismányok
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSM	14.4	108	Pg	9:05:37.12	0.21
			Sg	05:38.63	-0.29
MORH	14.5	106	Pg	9:05:37.05	0.13
			Sg	05:38.74	-0.20

Földrengés paraméterek

Hypocenter Parameters

PKB4 29.4 22 Pg 9:05:40.42 0.84
 Sg 05:42.98 -0.69
 KOVH 33.4 237 Pg 9:05:40.60 0.31
 Sg 05:44.89 -0.05
 PKSV 43.5 202 Sg 9:05:47.79 -0.36
 PKB5 43.6 29 Pg 9:05:42.14 0.02
 Sg 05:48.05 -0.15
 PKB1 64.5 23 Pg 9:05:45.55 -0.29
 PKB2 76.1 52 Sg 9:05:58.94 0.41
 MPLH 124.2 325 Sg 9:06:12.34 -1.48

461.

2018-05-15 time: 10:50:43.06 UTC ML= 0.9
 lat: 47.205N lon: 18.298E h= 0.0 km
 erh= 1.6km erz= 474km
 nr= 9 gap=148 rms=0.36
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.8	351	Pg	10:50:46.11	-0.12
			Sg	50:48.36	-0.35
PKST	20.8	287	Pg	10:50:46.56	-0.22
			Sg	50:49.60	-0.08
PKSG	21.9	19	Pg	10:50:47.08	0.11
			Sg	50:50.37	0.35
MPLH	57.6	266	Pg	10:50:53.93	0.59
PKSM	113.5	167	Pg	10:51:03.44	0.11
			Sg	51:18.13	-1.01

462.

2018-05-16 time: 7:06:42.29 UTC ML= 1.5
 lat: 48.600N lon: 20.782E h= 0.0 km
 erh= 1.5km erz= 2.0km
 nr= 16 gap= 86 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.4	239	Pg	7:06:47.08	0.25
			Sg	06:50.43	0.06
ABAH	47.8	135	Sg	7:06:57.28	-0.20
CRVS	60.2	56	Pg	7:06:53.54	0.50
			Sg	07:01.70	0.27
STHS	96.9	20	Pg	7:07:00.41	0.81
			Sg	07:12.93	-0.17
PSZ	100.4	221	Pg	7:07:01.33	1.11
			Sg	07:14.31	0.10
LANS	114.2	302	Pg	7:07:02.60	-0.08
			Sg	07:17.63	-0.97
KOLS	115.7	71	eSg	7:07:18.30	-0.77
A336	138.1	253	Sn	7:07:25.06	-0.41
TRPA	140.3	112	Sn	7:07:24.66	-1.28
VYHS	144.2	265	Pn	7:07:07.59	0.29
			Sn	07:25.05	-1.75

463.

2018-05-16 time: 8:56:04.90 UTC ML= 1.4
 lat: 47.372N lon: 18.452E h= 0.0 km
 erh= 3.2km erz= 781km
 nr= 7 gap=126 rms=0.53
 Locality: Csákvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	5.2	295	Pg	8:56:06.40	0.58
			Sg	56:06.76	0.22
CSKK	14.5	266	PgU	8:56:07.70	0.20
			Sg	56:09.05	-0.47
PKST	34.0	248	Sg	8:56:15.21	-0.51
PSZ	124.2	61	Sg	8:56:43.09	-1.29
PKSM	129.8	174	Pg	8:56:28.37	0.29

464.

2018-05-16 time: 10:01:50.63 UTC ML= 1.7
 lat: 48.129N lon: 16.951E h= 0.0 km
 erh= 2.1km erz= 3.4km
 nr= 18 gap= 84 rms=0.90
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	13.5	56	Pg	10:01:53.60	0.56
			Sg	01:55.46	0.54
MODS	36.4	42	ePg	10:01:57.20	0.06
			eSg	02:02.80	0.59
SOP	57.6	211	Sg	10:02:09.17	0.23
RONA	68.4	226	Pg	10:02:02.55	-0.29
			Sg	02:11.51	-0.86
EGYH	84.1	160	Sg	10:02:18.98	1.61
CONA	84.3	255	Pg	10:02:06.10	0.42
			Sg	02:17.12	-0.30
KRUC	111.6	338	Pg	10:02:10.85	0.30
			Sg	02:24.46	-1.63
MPLH	115.4	157	Sg	10:02:25.51	-1.80
CSKK	130.0	131	Sg	10:02:29.65	-2.29
ARSA	145.0	228	Pn	10:02:16.80	1.05
			Sn	02:34.97	-0.37
VYHS	145.6	74	Pn	10:02:16.70	0.88
			Sn	02:34.47	-1.00

465.

2018-05-16 time: 10:31:57.36 UTC ML= 1.6
 lat: 48.352N lon: 19.843E h= 0.0 km
 erh= 1.8km erz= 776km
 nr= 13 gap= 90 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	48.3	175	Pg	10:32:06.52	0.53
			Sg	32:12.83	0.10
KECS	49.8	73	Pg	10:32:06.37	0.12
			Sg	32:13.14	-0.05
A336	64.0	258	Pg	10:32:09.32	0.53
			Sg	32:16.75	-0.95
PENC	75.1	214	Sg	10:32:21.28	0.04
VYHS	76.2	282	Pg	10:32:12.12	1.16
			Sg	32:20.72	-0.85
LANS	93.0	343	Sg	10:32:26.57	-0.36
ABAH	103.8	93	Pg	10:32:16.14	0.25
			Sg	32:28.97	-1.38
A338	117.0	251	Sg	10:32:33.80	-0.74

466.

2018-05-16 time: 10:47:47.59 UTC ML= 1.6
 lat: 48.099N lon: 19.003E h= 0.0 km
 erh= 2.0km erz= 907km
 nr= 12 gap= 85 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	14.9	359	PgU	10:47:50.68	0.43
			Sg	47:52.50	0.18
PENC	40.2	149	Sg	10:48:00.46	0.11
VYHS	45.6	344	Sg	10:48:00.93	-1.15
A338	49.4	259	Pg	10:47:56.86	0.46
			Sg	48:03.20	-0.08
SRO	60.5	238	Sg	10:48:06.56	-0.26
PSZ	69.5	107	Pg	10:48:01.17	1.17
			Sg	48:08.90	-0.79
KECS	118.0	69	ePg	10:48:09.10	0.43
			eSg	48:23.90	-1.21

Hypocenter Parameters

PKST 118.4 218 Sg 10:48:23.54 -1.68

467.

2018-05-17 time: 7:24:18.59 UTC ML= 1.4
 lat: 47.309N lon: 18.454E h= 0.0 km
 erh= 5.2km erz= ***km
 nr= 5 gap=201 rms=0.49
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	10.4	333	PgU	7:24:20.70			0.26
			Sg	24:21.09			-0.80
CSKK	15.8	292	Pg	7:24:21.96			0.55
PKST	32.2	260	Sg	7:24:28.33			-0.50
MORH	122.4	173	Sg	7:24:57.53			0.03

468.

2018-05-17 time: 7:24:41.81 UTC ML= 1.5
 lat: 47.305N lon: 18.470E h= 0.0 km
 erh= 2.8km erz= 810km
 nr= 6 gap=118 rms=0.49
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	11.3	328	PgU	7:24:44.13			0.30
			Sg	24:44.36			-1.05
CSKK	17.1	292	Pg	7:24:45.43			0.57
			Sg	24:46.95			-0.29
STA1	33.2	70	Sg	7:24:52.24			-0.13
PKSM	122.2	174	Sg	7:25:20.64			-0.03

469.

2018-05-17 time: 7:41:32.07 UTC ML= 0.7
 lat: 47.134N lon: 18.107E h= 0.0 km
 erh= 2.5km erz= 801km
 nr= 11 gap=121 rms=0.64
 Locality: Öskü
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	14.9	338	Pg	7:41:34.64			-0.09
			Sg	41:35.76			-1.05
CSKK	28.0	25	Pg	7:41:37.65			0.58
			Sg	41:39.54			-1.42
PKSG	35.8	37	Pg	7:41:39.23			0.77
			Sg	41:43.92			0.48
MPLH	43.2	275	Pg	7:41:40.07			0.28
MORH	110.1	158	Pg	7:41:51.72			-0.01
			Sg	42:06.02			-1.04
PKSM	110.4	158	Pg	7:41:52.16			0.37
			Sg	42:06.81			-0.35

470.

2018-05-17 time: 8:06:49.90 UTC ML= 1.6
 lat: 48.618N lon: 20.726E h= 0.0 km
 erh= 1.7km erz= 2.5km
 nr= 10 gap=117 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.2	230	Pg	8:06:54.08			0.04
			Sg	06:56.39			-0.88
ABAH	52.2	133	Sg	8:07:06.76			0.27
CRVS	62.7	60	Pg	8:07:00.99			-0.09
PSZ	99.3	218	Pg	8:07:07.44			-0.19
			Sg	07:21.33			-0.12
LANS	109.6	303	Pg	8:07:09.73			0.26

Földrengés paraméterek

KOLS 119.0 73 Sg 8:07:26.90 -0.83

VYHS 140.2 264 Pn 8:07:15.23 0.82

Sn 07:33.76 0.23

471.

2018-05-17 time: 9:09:48.17 UTC ML= 2.0
 lat: 46.983N lon: 22.260E h= 0.0 km
 erh= 1.8km erz= 1.9km
 nr= 32 gap= 90 rms=0.81
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
BORR	38.0	288	PgD	9:09:56.28			1.34
			Sg	09:59.30			-0.93
DRGR	40.4	122	PgU	9:09:55.53			0.14
			Sg	10:00.75			-0.27
LTVH	52.3	329	Pg	9:09:58.56			1.05
MESR	55.5	71	PgD	9:09:58.62			0.54
			Sg	10:05.10			-0.72
MARR	73.9	118	Sg	9:10:10.50			-1.15
MARR	73.9	118	PgC	9:10:01.09			-0.27
CJR	106.4	106	PgC	9:10:07.99			0.83
			Sg	10:20.20			-1.78
BMR	120.9	51	PgC	9:10:09.61			-0.15
			Sg	10:25.80			-0.80
TRPA	129.3	9	Pg	9:10:10.28			-0.97
ARCR	159.5	86	Pn	9:10:15.88			0.79
			Sn	10:35.49			-0.60
BZS	159.8	198	Pn	9:10:14.86			-0.26
			Sn	10:35.04			-1.11
ABAH	164.9	332	Pn	9:10:14.78			-0.98
			Sn	10:36.92			-0.36
GZR	181.2	167	PnC	9:10:18.86			1.07
			Sn	10:40.30			-0.59
LOT	206.6	146	PnD	9:10:21.51			0.55
			Sn	10:46.90			0.36
HERR	234.0	177	PnD	9:10:24.79			0.42
			Sn	10:51.60			-1.01
BURA	234.4	73	PnC	9:10:25.81			1.38
			Sn	10:53.50			0.79
MDVR	248.4	190	PnC	9:10:26.03			-0.14
			Sn	10:54.70			-1.11
VOIR	275.5	129	PnC	9:10:30.39			0.84
			Sn	11:01.70			-0.12

472.

2018-05-17 time: 9:43:28.97 UTC ML= 0.8
 lat: 47.192N lon: 18.299E h= 0.0 km
 erh= 1.1km erz= 330km
 nr= 7 gap=149 rms=0.22
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	19.3	351	Pg	9:43:32.42			0.01
			Sg	43:34.50			-0.59
PKST	21.4	290	Pg	9:43:32.97			0.18
			Sg	43:35.71			-0.06
PKSG	23.3	17	Sg	9:43:36.64			0.27
MORH	111.7	166	Sg	9:44:04.37			-0.09
PKSM	112.0	166	Sg	9:44:04.55			-0.03

473.

2018-05-17 time: 10:05:12.55 UTC ML= 1.2
 lat: 47.852N lon: 19.135E h= 0.0 km
 erh= 2.3km erz= 574km
 nr= 9 gap=165 rms=0.43
 Locality: Szendehely
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
PENC	13.0	122	Pg	10:05:14.80	-0.06
			Sg	05:17.05	0.38
A336	43.6	347	Pg	10:05:20.78	0.45
			Sg	05:26.22	-0.18
PSZ	57.3	83	Pg	10:05:22.52	-0.26
			Sg	05:30.24	-0.52
A338	61.2	287	Sg	10:05:31.46	-0.55
VYHS	74.7	343	Pg	10:05:26.64	0.74
			Sg	05:35.98	-0.33

474.

2018-05-17 time: 17:04:49.44 UTC ML= 2.1
 lat: 46.125N lon: 16.462E h= 7.5 km
 erh= 1.4km erz= 1.3km
 nr= 43 gap= 68 rms=0.68
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	39.5	336	Pg	17:04:56.78	0.16
			Sg	05:02.20	-0.01
BEHE	45.4	32	Pg	17:04:57.14	-0.51
			Sg	05:03.37	-0.69
PTJ	46.3	237	Pg	17:04:57.72	-0.10
			Sg	05:03.90	-0.46
ZAG	48.9	228	Pg	17:04:58.73	0.45
			Sg	05:05.51	0.33
GOLS	66.0	259	ePg	17:05:02.18	0.87
GCIS	70.7	246	ePg	17:05:02.33	0.19
DOBS	76.7	272	ePg	17:05:03.38	0.17
GROS	82.9	297	Pg	17:05:03.86	-0.44
			Sg	05:14.26	-1.63
CRES	84.7	247	Pg	17:05:04.44	-0.18
			Sg	05:15.79	-0.67
LEGS	90.7	258	ePg	17:05:05.98	0.29
PDKS	113.4	266	ePn	17:05:09.46	-0.20
BOJS	116.6	234	ePn	17:05:10.06	0.00
PERS	118.0	299	Pn	17:05:10.39	0.15
			Sn	05:24.32	-2.14
SOKA	125.9	299	Pn	17:05:11.28	0.06
			Sn	05:26.20	-2.01
KOVH	126.7	92	Pn	17:05:10.17	-1.15
			Sn	05:26.17	-2.21
TIH	139.6	52	Pn	17:05:13.45	0.52
PKSV	141.2	101	Sn	17:05:30.24	-1.35
			Pn	17:05:13.35	0.06
MPLH	142.5	35	Sn	05:32.38	0.49
			Pn	17:05:14.29	0.78
ARSA	144.3	330	Sn	05:31.59	-0.69
			Pn	17:05:33.53	0.20
OBKA	153.4	286	Pn	17:05:14.70	0.05
EGYH	158.3	25	Sn	05:35.51	1.21
			Pn	17:05:15.66	0.40
BLY	163.0	160	Pn	17:05:16.76	0.91
			Sn	05:36.20	-0.24
PKSM	168.6	87	Sn	17:05:38.11	0.43
MORH	168.9	87	Sn	17:05:38.04	0.31
PKB4	170.1	76	Sn	17:05:38.67	0.66
PKST	174.3	44	Pn	17:05:17.83	0.58
RONA	175.5	356	Pn	17:05:17.27	-0.13
PKB5	182.7	73	Sn	17:05:42.25	1.45
PKB1	193.5	68	Sn	17:05:44.95	1.75

475.

2018-05-18 time: 6:27:08.53 UTC ML= 1.2
 lat: 48.518N lon: 21.141E h= 0.0 km
 erh= 4.0km erz= ***km
 nr= 5 gap=123 rms=0.53
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	25.7	164	Pg	6:27:13.21	0.09
			Sg	27:16.68	-0.03
KECS	48.6	265	Sg	6:27:23.93	-0.05
CRVS	48.8	29	Sg	6:27:22.86	-1.18
KOLS	95.2	61	Pg	6:27:26.13	0.59

476.

2018-05-18 time: 10:01:00.18 UTC ML= 2.0
 lat: 48.217N lon: 21.253E h= 0.0 km
 erh= 3.6km erz= 710km
 nr= 6 gap=202 rms=0.42
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	8.9	354	Pg	10:01:02.14	0.38
			Sg	01:02.75	-0.24
KECS	64.1	298	Pg	10:01:12.03	0.41
			Sg	01:20.00	-0.55
TRPA	96.2	96	Pg	10:01:17.51	0.16
			Sg	01:30.05	-0.70

477.

2018-05-18 time: 11:19:15.80 UTC ML= 1.8
 lat: 45.581N lon: 17.295E h= 10.0 km
 erh= 2.0km erz= 2.0km
 nr= 19 gap=120 rms=0.60
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	82.0	65	Pg	11:19:30.52	-0.03
			Sg	19:41.84	-0.21
KOVH	84.2	48	Pg	11:19:31.20	0.25
			Sg	19:42.80	0.04
BLY	92.9	185	Pg	11:19:31.81	-0.68
			Sg	19:45.97	0.47
BEHE	106.7	338	P*	11:19:35.23	0.38
			S*	19:48.77	-0.94
PTJ	109.9	289	Pn	11:19:34.89	-0.38
			Sn	19:48.90	-1.55
PKSM	125.8	56	Pn	11:19:37.25	0.00
			Sn	19:53.21	-0.77
KOGS	125.9	320	Pn	11:19:37.94	0.69
			Sn	19:53.70	-0.28
MORH	126.3	56	Pn	11:19:37.35	0.05
			Sn	19:53.31	-0.76
PKB4	143.6	45	Sn	11:19:59.16	1.24
CRES	145.7	281	Pn	11:19:40.48	0.75
			Sn	19:59.16	0.77

478.

2018-05-19 time: 8:59:09.41 UTC ML= 0.9
 lat: 46.164N lon: 18.299E h= 0.0 km
 erh= 0.6km erz= 123km
 nr= 8 gap=196 rms=0.09
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.5	241	Pg	8:59:12.35	-0.18
			Sg	59:15.11	0.14
PKSM	27.0	79	Pg	8:59:14.25	0.02
			Sg	59:18.00	0.00
MORH	27.3	78	Pg	8:59:14.28	-0.01
			Sg	59:18.22	0.13
PKSV	30.8	187	Pg	8:59:14.91	0.00
			Sg	59:19.15	-0.04

Hypocenter Parameters

Földrengés paraméterek

479.

2018-05-21 time: 3:05:36.80 UTC ML= 0.7
 lat: 47.356N lon: 18.260E h= 8.4 km
 erh= 4.0km erz= 2.0km
 nr= 9 gap=127 rms=0.34
 Locality: Csókakő
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	0.8	4	Pg	3:05:38.30			0.00
			Sg		05:38.69		-0.78
PKSG	10.6	68	PgD	3:05:39.48			0.26
			Sg		05:41.18		0.08
PKST	20.2	238	PgD	3:05:40.71			0.01
			Sg		05:43.78		0.03
MORH	130.1	167	Sn	3:06:15.76			-0.53
PKSM	130.5	167	Pn	3:05:59.57			0.54
			Sn		06:16.19		-0.19

480.

2018-05-21 time: 7:09:18.96 UTC ML= 1.9
 lat: 48.430N lon: 17.222E h= 0.0 km
 erh= 1.3km erz= 3.7km
 nr= 13 gap= 83 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	17.9	59	Pg	7:09:21.94			-0.22
			Sg		09:24.88		0.23
ZST	27.5	199	Pg	7:09:23.77			-0.10
			Sg		09:27.24		-0.45
A337	46.9	116	Pg	7:09:27.82			0.49
KRUC	92.9	319	Pg	7:09:36.38			0.82
			Sg		09:48.42		-0.09
VRAC	108.0	335	Pg	7:09:38.69			0.43
			Sg		09:52.65		-0.65
CONA	115.5	241	Pg	7:09:40.01			0.42
			Sg		09:55.18		-0.50
VYHS	119.6	87	Pg	7:09:39.87			-0.45
MORC	151.6	9	Sn	7:10:04.00			-1.14

481.

2018-05-21 time: 8:06:42.86 UTC ML= 1.3
 lat: 48.616N lon: 20.731E h= 0.0 km
 erh= 1.0km erz= 1.1km
 nr= 10 gap=155 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.4	231	Pg	8:06:47.49			0.45
			Sg		06:50.34		0.04
ABAH	51.8	133	Pg	8:06:52.00			-0.11
			Sg		06:58.53		-0.80
CRVS	62.4	59	Pg	8:06:54.31			0.30
PSZ	99.4	219	Pg	8:07:01.21			0.60
			Sg		07:14.71		0.25
A336	135.1	252	Sn	8:07:24.33			-1.03
VYHS	140.5	264	Pn	8:07:07.30			-0.12
			Sn		07:25.79		-0.78

482.

2018-05-21 time: 12:59:43.77 UTC ML= 2.1
 lat: 48.429N lon: 17.221E h= 0.0 km
 erh= 4.0km erz= ***km
 nr= 8 gap=140 rms=0.86
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	18.1	58	Pg	12:59:46.83			-0.17
			Sg		59:49.43		-0.09
ZST	27.3	199	Pg	12:59:49.38			0.74
			Sg		59:52.28		-0.16
VRAC	108.1	335	Pg	12:60:04.71			1.63
			Sg		60:16.51		-1.63
CONA	115.4	241	Pg	12:60:03.91			-0.46
			Sg		60:19.77		-0.67

483.

2018-05-21 time: 14:31:41.36 UTC ML= 1.2
 lat: 47.019N lon: 17.625E h= 11.1 km
 erh= 1.9km erz= 2.2km
 nr= 8 gap=178 rms=0.21
 Locality: Öcs
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
MPLH	18.1	339	Pg	14:31:45.26			0.11
			Sg		31:47.74		-0.36
PKST	41.0	49	Pg	14:31:49.17			0.22
			Sg		31:54.57		-0.29
PKSG	71.3	54	Pg	14:31:54.47			0.21
A339	90.2	1	Pg	14:31:57.58			-0.01
PKB1	92.7	106	Pg	14:31:58.10			0.07
KOVH	109.6	161	Sn	14:32:15.35			-0.34

484.

2018-05-21 time: 15:31:16.53 UTC ML= 1.5
 lat: 47.007N lon: 17.631E h= 0.0 km
 erh= 1.9km erz= 6.2km
 nr= 21 gap=179 rms=0.65
 Locality: Pula
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MPLH	19.5	339	Pg	15:31:20.08			0.08
			Sg		31:22.91		0.20
TIH	23.2	121	PgU	15:31:21.24			0.57
PKST	41.5	47	Pg	15:31:23.94			0.00
			Sg		31:29.82		0.09
PNNH	61.5	9	Sg	15:31:34.98			-1.09
CSKK	62.0	50	Pg	15:31:27.48			-0.13
			Sg		31:36.05		-0.20
PKSG	71.8	53	Pg	15:31:28.90			-0.44
			Sg		31:39.06		-0.28
PKB1	91.9	106	Pg	15:31:33.93			0.99
			Sg		31:46.37		0.63
PKB5	96.0	118	Pg	15:31:34.66			1.00
KOVH	108.2	161	Pg	15:31:36.19			0.34
			Sg		31:50.07		-0.86
MORH	117.3	139	Pg	15:31:37.53			0.06
			Sg		31:52.16		-1.65
PKSM	117.5	139	Pg	15:31:37.22			-0.28
			Sg		31:51.83		-2.04
VYHS	188.5	29	ePn	15:31:47.20			0.14
			eSn		32:13.20		2.32*

485.

2018-05-22 time: 8:39:38.17 UTC ML= 1.5
 lat: 48.772N lon: 18.949E h= 0.0 km
 erh= 5.3km erz= 548km
 nr= 6 gap=194 rms=0.32
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	32.0	195	Pg	8:39:43.94			0.06
			Sg		39:48.48		0.15
LANS	56.7	42	Pg	8:39:48.27			-0.03
A336	60.0	176	Pg	8:39:49.32			0.44

Földrengés paraméterek

Hypocenter Parameters

A338 95.0 208 Sg 39:56.43 -0.81
Pg 8:39:54.96 -0.18

486.

2018-05-22 time: 8:41:36.17 UTC ML= 1.1
lat: 47.539N lon: 18.482E h= 0.0 km
erh= 1.7km erz= 3.0km
nr= 8 gap=201 rms=0.22
Locality: Szárliget
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	17.7	203	Pg	8:41:39.56			0.23
			Sg	41:41.72			-0.07
CSKK	25.7	221	Pg	8:41:40.79			0.04
			Sg	41:44.51			0.18
PKST	45.9	227	Pg	8:41:44.13			-0.24
			Sg	41:50.73			-0.03
PSZ	114.1	68	Sg	8:42:12.45			0.03
PKSM	148.0	175	Sn	8:42:20.21			-1.32

487.

2018-05-22 time: 8:42:45.59 UTC ML= 1.5
lat: 48.598N lon: 20.760E h= 0.0 km
erh= 1.6km erz= 2.7km
nr= 15 gap= 87 rms=0.63
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.9	238	Pg	8:42:50.15			0.29
			Sg	42:52.99			-0.21
ABAH	48.9	133	Pg	8:42:54.51			0.20
			Sg	43:00.54			-0.57
CRVS	61.7	57	Pg	8:42:57.28			0.68
STHS	97.7	21	Pg	8:43:04.07			1.04
			Sg	43:15.98			-0.65
PSZ	99.2	220	Pg	8:43:03.72			0.42
			Sg	43:17.15			0.03
LANS	113.0	303	Pg	8:43:05.87			0.11
			Sg	43:20.89			-0.60
KOLS	117.3	71	Sg	8:43:21.48			-1.40
A336	136.5	253	Sn	8:43:27.37			-1.04
VYHS	142.5	265	Pn	8:43:10.78			0.39
			Sn	43:28.72			-1.02

488.

2018-05-22 time: 9:23:12.19 UTC ML= 1.8
lat: 46.113N lon: 18.099E h= 0.0 km
erh= 1.4km erz= 380km
nr= 13 gap=196 rms=0.32
Locality: Kővágótóttós
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	2.7	178	PgU	9:23:12.57			-0.11
			Sg	23:13.18			0.12
PKSM	43.3	75	Pg	9:23:19.77			-0.16
			Sg	23:25.83			-0.13
MORH	43.6	75	Pg	9:23:19.72			-0.27
			Sg	23:25.97			-0.09
PKS9	54.5	15	Pg	9:23:21.83			-0.09
			Sg	23:29.45			-0.06
PKB4	57.7	42	Pg	9:23:22.42			-0.08
			Sg	23:30.94			0.40
PKB5	72.6	42	Pg	9:23:25.85			0.69
			Sg	23:36.91			1.63
PKB1	91.7	36	Sg	9:23:40.96			-0.38

489.

2018-05-23 time: 8:08:14.80 UTC ML= 1.5
lat: 48.581N lon: 20.766E h= 0.0 km
erh= 2.0km erz= 2.5km
nr= 9 gap=189 rms=0.35
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.4	242	Pg	8:08:19.43			0.45
			Sg	08:22.13			-0.11
ABAH	47.3	132	Pg	8:08:23.30			0.05
			Sg	08:29.47			-0.36
PSZ	98.1	221	Pg	8:08:32.55			0.23
			Sg	08:45.64			-0.34
LANS	114.4	304	Pg	8:08:34.87			-0.35
VYHS	142.8	266	Pn	8:08:40.17			0.52
			Sn	08:58.51			-0.51

490.

2018-05-23 time: 8:10:59.42 UTC ML= 1.5
lat: 48.214N lon: 19.792E h= 0.0 km
erh= 3.7km erz= ***km
nr= 6 gap=126 rms=0.62
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	33.7	167	Pg	8:11:05.53			0.09
			Sg	11:09.66			-0.47
A336	59.0	272	Pg	8:11:10.88			0.93
KECS	59.5	60	Pg	8:11:10.29			0.25
			Sg	11:18.01			-0.32
VYHS	77.4	294	Sg	8:11:22.85			-1.18

491.

2018-05-23 time: 8:50:16.17 UTC ML= 2.2
lat: 48.888N lon: 20.502E h= 0.0 km
erh= 2.6km erz= 3.7km
nr= 18 gap= 56 rms=0.95
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	45.0	182	Pg	8:50:24.25			0.04
			Sg	50:29.35			-1.13
NIE	60.6	347	Pg	8:50:27.35			0.35
			Sg	50:34.81			-0.64
STHS	79.9	43	Pg	8:50:29.88			-0.56
			Sg	50:39.93			-1.64
LANS	81.1	291	Pg	8:50:31.15			0.49
ABAH	85.4	140	Pg	8:50:31.47			0.05
			Sg	50:44.17			0.86
PSZ	116.8	203	Pg	8:50:37.28			0.24
			Sg	50:51.74			-1.57
KOLS	129.9	88	Pg	8:50:39.83			0.46
VYHS	130.3	250	Pg	8:50:40.02			0.58
			Sg	50:53.73			-3.85
A336	132.7	237	Pn	8:50:40.92			1.16
			Sn	50:56.22			-1.93
OJC	156.6	341	Pn	8:50:44.12			1.38
			Sn	51:03.65			0.19

492.

2018-05-23 time: 10:43:14.37 UTC ML= 1.1
lat: 47.032N lon: 17.995E h= 0.0 km
erh= 1.5km erz= 520km
nr= 11 gap=123 rms=0.42
Locality: Balatonfűzfő
Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr	mn	sec	res		
TIH	16.6	208	Pg	10:43:17.20			-0.13	496.	
PKST	25.4	7	Pg	10:43:18.93			0.02	2018-05-24 time: 10:13:18.70 UTC ML= 1.7	
			Sg	43:23.69			1.23	lat: 48.157N lon: 16.911E h= 0.0 km	
MPLH	37.9	294	Pg	10:43:20.98			-0.15	erh= 1.5km erz= 2.7km	
			Sg	43:26.34			-0.07	nr= 20 gap= 87 rms=0.73	
CSKK	42.0	29	Pg	10:43:21.91			0.05	Locality: Austria	
			Sg	43:26.91			-0.80	Comments: probably explosion	
PKS9	54.0	156	Sg	10:43:31.32			-0.20	sta dist azm phase hr mn sec res	
PKSM	103.7	152	Pg	10:43:33.16			0.27	ZST 14.9 73 Pg 10:13:21.90 0.54	
KOVH	105.2	176	Pg	10:43:33.72			0.57	Sg 13:23.59 0.16	
			Sg	43:47.23			-0.57	MODS 36.3 48 ePg 10:13:25.60 0.41	
493.								eSg 13:30.00 -0.25	
2018-05-23 time: 14:33:45.19 UTC ML= 1.3								SOP 58.9 207 Sg 10:13:36.86 -0.55	
lat: 47.097N lon: 18.036E h= 0.0 km								RONA 68.5 222 Pg 10:13:31.20 0.27	
erh= 2.0km erz= 809km								Sg 13:39.47 -1.01	
nr= 13 gap=115 rms=0.67								CONA 82.3 252 Pg 10:13:34.29 0.90	
Locality: Királyszentistván								Sg 13:44.92 0.07	
Comments: probably explosion								EGYH 88.1 159 Sg 10:13:47.03 0.34	
sta dist azm phase hr mn sec res								KRUC 107.6 339 Pg 10:13:38.29 0.37	
PKST	18.0	360	Pg	14:33:47.68			-0.72	Sg 13:52.63 -0.27	
			Sg	33:50.55			-0.35	A338 108.5 98 Sg 10:13:53.36 0.17	
TIH	24.5	206	Pg	14:33:49.97			0.40	VRAC 130.2 350 Pg 10:13:41.82 -0.13	
			Sg	33:54.64			1.66	Sg 13:58.51 -1.57	
CSKK	34.1	30	Pg	14:33:51.70			0.42	PKST 130.6 140 Sn 10:13:57.72 -2.49	
			Sg	33:55.92			-0.10	CSKK 134.2 131 Sn 10:13:57.16 -3.85*	
MPLH	38.5	282	Pg	14:33:51.89			-0.18	ARSA 144.9 226 Pn 10:13:44.56 0.76	
			Sg	33:57.53			0.09	Sn 14:02.56 -0.83	
PKSG	42.3	39	Sg	14:34:00.01			1.37	VYHS 147.6 75 Pn 10:13:44.39 0.26	
PKSM	108.8	155	Pg	14:34:04.39			-0.23	497.	
			Sg	34:19.31			-0.46	2018-05-25 time: 0:09:05.51 UTC ML= 1.0	
KOVH	112.3	178	Pg	14:34:05.23			-0.01	lat: 45.780N lon: 17.694E h= 5.8 km	
			Sg	34:19.33			-1.55	erh= 8.9km erz=39.4km	
494.								nr= 9 gap=327 rms=0.74	
2018-05-24 time: 7:12:51.73 UTC ML= 1.7								Locality: Croatia	
lat: 47.326N lon: 18.431E h= 0.0 km								Comments:	
erh= 2.6km erz= 3.8km								sta dist azm phase hr mn sec res	
nr= 7 gap=195 rms=0.44								PKSV 45.0 74 Sg 0:09:20.92 0.98	
Locality: Zámoly								KOVH 46.6 43 Pg 0:09:13.56 -0.33	
Comments: probably explosion								Sg 09:20.90 0.48	
sta dist azm phase hr mn sec res								PKSM 87.7 57 Pg 0:09:20.73 -0.48	
PKSG	7.9	337	PgU	7:12:53.38			0.24	Sg 09:32.40 -1.05	
			Sg	12:53.78			-0.46	MORH 88.1 57 Pg 0:09:20.94 -0.34	
CSKK	13.5	288	PgU	7:12:54.74			0.60	Sg 09:32.81 -0.78	
			Sg	12:56.34			0.31	PKB4 106.3 41 Pg 0:09:25.82 1.31	
PKST	30.9	256	Sg	7:13:00.92			-0.64	Sg 09:39.72 0.39	
PKSM	124.9	173	Sg	7:13:31.29			-0.14	498.	
KOVH	139.9	190	Sn	7:13:34.84			-0.46	2018-05-25 time: 8:06:30.69 UTC ML= 1.8	
495.								lat: 47.555N lon: 18.440E h= 0.0 km	
2018-05-24 time: 9:06:49.36 UTC ML= 0.5								erh= 1.9km erz= 5.0km	
lat: 47.207N lon: 18.298E h= 0.0 km								nr= 19 gap= 68 rms=0.94	
erh= 1.8km erz= 528km								Locality: Tatabánya	
nr= 8 gap=148 rms=0.38								Comments: probably explosion	
Locality: Székesfehérvár								sta dist azm phase hr mn sec res	
Comments: probably explosion								PKSG 18.5 192 Pg 8:06:34.32 0.33	
sta dist azm phase hr mn sec res								Sg 06:37.01 0.45	
CSKK	17.6	351	Pg	9:06:52.47			-0.04	CSKK 25.2 212 Pg 8:06:35.40 0.21	
			Sg	06:54.69			-0.28	Sg 06:39.61 0.91	
PKST	20.8	286	Pg	9:06:52.83			-0.24	Sg 8:06:41.89 1.57	
			Sg	06:56.35			0.39	STA1 37.4 116 Sg 8:06:43.43 0.86	
PKSG	21.8	19	Pg	9:06:53.18			-0.07	PKST 44.9 223 Sg 8:06:45.46 0.50	
			Sg	06:56.74			0.45	A338 51.6 353 Pg 8:06:41.22 1.31	
PKSM	113.6	167	Pg	9:07:10.07			0.41	Sg 06:46.90 -0.20	
			Sg	07:24.43			-1.06	PENC 68.5 67 Pg 8:06:43.72 0.81	
496.								Sg 06:51.95 -0.50	
2018-05-24 time: 10:13:18.70 UTC ML= 1.7								MPLH 80.3 238 Sg 8:06:55.69 -0.53	
lat: 48.157N lon: 16.911E h= 0.0 km								VYHS 108.6 16 Pg 8:06:50.11 0.03	
erh= 1.5km erz= 2.7km								Sg 07:04.63 -0.57	
nr= 20 gap= 87 rms=0.73									
Locality: Austria									
Comments: probably explosion									
sta dist azm phase hr mn sec res									
ZST	14.9	73	Pg	10:13:21.90			0.54		
			Sg	13:23.59			0.16		
MODS	36.3	48	ePg	10:13:25.60			0.41		
			eSg	13:30.00			-0.25		
SOP	58.9	207	Sg	10:13:36.86			-0.55		
RONA	68.5	222	Pg	10:13:31.20			0.27		
			Sg	13:39.47			-1.01		
CONA	82.3	252	Pg	10:13:34.29			0.90		
			Sg	13:44.92			0.07		
EGYH	88.1	159	Sg	10:13:47.03			0.34		
KRUC	107.6	339	Pg	10:13:38.29			0.37		
			Sg	13:52.63			-0.27		
A338	108.5	98	Sg	10:13:53.36			0.17		
VRAC	130.2	350	Pg	10:13:41.82			-0.13		
			Sg	13:58.51			-1.57		
PKST	130.6	140	Sn	10:13:57.72			-2.49		
CSKK	134.2	131	Sn	10:13:57.16			-3.85*		
ARSA	144.9	226	Pn	10:13:44.56			0.76		
			Sn	14:02.56			-0.83		
VYHS	147.6	75	Pn	10:13:44.39			0.26		

Földrengés paraméterek

PKB5 109.0 168 Sg 8:07:04.32 -1.02
 PSZ 116.4 70 Sg 8:07:05.66 -2.02
 PKB4 118.3 174 Sg 8:07:06.84 -1.45
 ZST 122.9 305 Sg 8:07:07.84 -1.91
 PKB3 138.2 155 Sn 8:07:13.17 -0.71

499.

2018-05-25 time: 9:23:16.59 UTC ML= 2.0
 lat: 48.809N lon: 21.564E h= 0.0 km
 erh= 1.6km erz= 3.2km
 nr= 14 gap= 94 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	12.8	324	PgU	9:23:18.43	-0.45
			Sg	23:20.51	-0.16
KOLS	53.8	75	ePg	9:23:27.10	0.90
			eSg	23:33.40	-0.29
ABAH	61.9	203	Sg	9:23:36.18	-0.07
STHS	71.5	341	Pg	9:23:28.92	-0.44
KECS	87.4	246	Pg	9:23:33.04	0.86
			Sg	23:44.08	-0.27
TRPA	104.4	136	Pg	9:23:34.64	-0.58
			Sg	23:49.74	-0.02
NIE	113.8	307	Pg	9:23:37.31	0.41
PSZ	158.5	231	Pn	9:23:42.73	-0.65
			Sn	24:04.72	0.44
A336	200.0	251	Sn	9:24:16.00	2.50*

500.

2018-05-25 time: 13:50:02.43 UTC ML= 1.7
 lat: 45.567N lon: 17.319E h= 10.0 km
 erh= 3.2km erz= 1.8km
 nr= 17 gap=217 rms=0.52
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	80.9	64	Pg	13:50:17.18	0.19
			Sg	50:27.43	-0.92
KOVH	83.9	46	Pg	13:50:17.81	0.30
			Sg	50:29.54	0.26
BEHE	108.9	337	Pn	13:50:22.01	0.25
			Sn	50:36.50	-0.34
PTJ	112.3	289	Pn	13:50:21.53	-0.65
			Sn	50:36.10	-1.49
PKSM	125.2	55	Pn	13:50:23.87	0.08
			Sn	50:40.04	-0.41
MORH	125.6	55	Pn	13:50:23.99	0.15
			Sn	50:40.14	-0.41
KOGS	128.3	320	Pn	13:50:24.57	0.39
			Sn	50:40.97	-0.17
PKB4	143.4	44	Sn	13:50:46.06	1.56
CRES	147.9	281	Pn	13:50:27.16	0.53
			Sn	50:46.06	0.56

501.

2018-05-25 time: 14:34:42.53 UTC ML= 1.0
 lat: 47.848N lon: 20.158E h= 0.0 km
 erh= 4.4km erz= 8.1km
 nr= 5 gap=180 rms=0.36
 Locality: Tarnaszentmária
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	21.2	292	Pg	14:34:46.51	0.20
			Sg	34:49.38	0.12
PENC	65.9	264	Pg	14:34:54.42	0.12
			Sg	35:02.43	-1.05
LTVH	140.8	111	Pn	14:35:07.16	0.04

Hypocenter Parameters

502.

2018-05-26 time: 11:34:14.14 UTC ML= 1.8
 lat: 47.838N lon: 16.215E h= 8.2 km
 erh= 1.6km erz= 1.4km
 nr= 28 gap= 60 rms=0.74
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	16.6	159	Pg	11:34:17.92	0.48
			Sg	34:20.29	0.28
CONA	28.3	291	Pg	11:34:19.51	0.12
			Sg	34:23.27	-0.22
SOP	31.0	124	Pg	11:34:20.31	0.46
			Sg	34:23.99	-0.32
ARSA	83.6	219	Pg	11:34:28.64	-0.49
			Sg	34:38.93	-1.90
EGYH	96.1	119	Pg	11:34:31.96	0.60
			Sg	34:44.13	-0.66
MODS	99.0	53	ePg	11:34:31.70	-0.17
			eSg	34:44.50	-1.21
SMOL	117.4	50	eSn	11:34:50.20	-0.65
MPLH	124.4	127	Sn	11:34:51.86	-0.54
A337	125.8	69	Sn	11:34:53.34	0.63
KRUC	136.7	6	PnD	11:34:37.02	-0.15
			Sn	34:53.44	-1.69
MOA	145.9	270	Pn	11:34:39.39	1.07
			Sn	34:56.95	-0.23
PKST	151.3	115	Pn	11:34:40.59	1.60
			Sn	34:58.57	0.19
BIOA	193.9	265	Pn	11:34:44.65	0.35
			Sn	35:10.50	2.68
VYHS	208.1	69	ePn	11:34:46.00	-0.07
			eSn	35:09.10	-1.89
KHC	242.2	306	ePn	11:34:50.70	0.38
			eSn	35:18.30	-0.25
PRU	268.7	333	eSn	11:35:25.00	0.56

503.

2018-05-28 time: 4:04:26.91 UTC ML= 2.1
 lat: 48.900N lon: 22.754E h= 6.7 km
 erh= 4.8km erz= 4.0km
 nr= 11 gap=193 rms=1.01
 Locality: Ukraine
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOLS	35.4	276	Pg	4:04:33.63	0.28
			Sg	04:37.95	-0.42
KWP	81.4	358	Pg	4:04:41.92	0.42
			Sg	04:51.74	-1.14
TRPA	87.0	191	PgU	4:04:42.20	-0.30
			Sg	04:54.30	-0.36
CRVS	94.8	270	Pg	4:04:45.19	1.31
STHS	124.3	298	Sn	4:05:06.13	0.64
ABAH	130.3	239	Pn	4:04:47.65	-1.69
			Sn	05:05.83	-1.01
LTVH	180.0	201	Pn	4:04:57.75	2.21
DRGR	234.4	181	Pn	4:05:06.64	4.32*

504.

2018-05-28 time: 6:20:56.36 UTC ML= 1.1
 lat: 46.844N lon: 18.639E h= 0.0 km
 erh= 2.8km erz= 767km
 nr= 11 gap=166 rms=0.62
 Locality: Alap
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKB1	13.5	120	Pg	6:20:58.31	-0.45
			Sg	21:00.80	0.16
A267	16.5	313	Pg	6:20:59.79	0.49

Hypocenter Parameters

PKB5 28.7 165 Sg 6:21:07.17 1.69
 PKB4 38.8 184 Pg 6:21:03.30 0.02
 Sg 21:09.58 0.90
 MORH 69.9 180 Pg 6:21:08.91 0.07
 Sg 21:17.91 -0.66
 PKSM 70.3 180 Pg 6:21:08.95 0.04
 Sg 21:18.12 -0.59
 KOVH 93.7 206 Sg 6:21:24.96 -1.18

505.

2018-05-28 time: 7:52:03.59 UTC ML= 1.5
 lat: 48.056N lon: 20.699E h= 0.0 km
 erh= 3.9km erz= 5.1km
 nr= 8 gap=123 rms=0.91
 Locality: Miskolctapolca
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	48.3	56	Pg	7:52:12.61			0.40
			Sg	52:18.54			-0.39
KECS	50.1	342	Sg	7:52:18.97			-0.54
PSZ	62.0	256	Pg	7:52:15.35			0.70
			Sg	52:22.76			-0.53
VYHS	146.6	289	Sn	7:52:47.67			-0.98
DRGR	206.9	133	Pn	7:52:38.40			1.98
			Sn	52:59.23			-2.80

506.

2018-05-28 time: 8:03:26.18 UTC ML= 1.8
 lat: 47.941N lon: 20.068E h= 0.0 km
 erh= 1.6km erz= 2.4km
 nr= 14 gap=122 rms=0.51
 Locality: Mátraderecske
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	13.2	259	Pg	8:03:28.97			0.42
			Sg	03:31.22			0.83
PENC	61.2	254	Pg	8:03:37.42			0.31
			Sg	03:45.21			-0.43
KECS	67.8	27	Sg	8:03:47.73			0.01
A336	86.0	292	Sg	8:03:54.28			0.75
ABAH	95.7	66	Pg	8:03:43.37			0.10
VYHS	110.3	304	Pg	8:03:45.79			-0.08
			Sg	03:59.51			-1.72
PKSN	117.1	187	Sg	8:04:02.97			-0.43
PKS7	120.7	215	Sg	8:04:04.28			-0.25
A338	128.4	274	Sg	8:04:06.15			-0.84
CSKK	150.3	245	Sn	8:04:11.62			-0.43
PKB2	154.1	204	Sn	8:04:12.94			0.03

507.

2018-05-28 time: 8:19:45.13 UTC ML= 1.3
 lat: 48.646N lon: 20.849E h= 0.0 km
 erh= 5.0km erz= 4.5km
 nr= 7 gap=240 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	32.3	236	Pg	8:19:51.29			0.39
			Sg	19:53.99			-1.42
ABAH	48.4	143	Sg	8:20:00.46			-0.06
PSZ	107.5	221	Pg	8:20:05.07			0.74
			Sg	20:18.74			-0.56
VYHS	149.5	264	Pn	8:20:10.81			0.01
			Sn	20:30.76			-0.07

Földrengés paraméterek

508.

2018-05-28 time: 8:23:30.23 UTC ML= 1.6
 lat: 47.866N lon: 19.868E h= 0.0 km
 erh= 3.1km erz= 812km
 nr= 10 gap=194 rms=0.63
 Locality: Gyöngyösoroszi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	6.1	19	PgU	8:23:32.08			0.75
			Sg	23:33.15			0.96
PENC	44.7	259	Pg	8:23:38.24			0.03
			Sg	23:44.48			0.05
A336	76.5	302	Sg	8:23:54.30			-0.26
KECS	82.6	34	Sg	8:23:55.87			-0.61
VYHS	103.7	312	Pg	8:23:49.02			0.27
			Sg	24:01.69			-1.51
ABAH	112.9	65	Pg	8:23:50.54			0.16
			Sg	24:05.19			-0.91

509.

2018-05-28 time: 10:04:06.61 UTC ML= 1.6
 lat: 47.065N lon: 17.904E h= 0.0 km
 erh= 3.2km erz= 7.3km
 nr= 21 gap=119 rms=0.93
 Locality: Veszprém
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
TIH	18.4	183	Pg	10:04:10.74			0.85
			Sg	04:13.79			1.34
PKST	23.7	25	Pg	10:04:10.77			-0.07
			Sg	04:14.44			0.29
CSKK	42.7	39	Pg	10:04:13.74			-0.50
			Sg	04:19.67			-0.52
PKSG	51.7	45	Pg	10:04:15.21			-0.64
			Sg	04:22.63			-0.42
PKB1	74.5	115	Pg	10:04:20.68			0.77
			Sg	04:31.89			1.61
PKB5	82.2	129	Pg	10:04:21.94			0.66
			Sg	04:33.02			0.29
PKB4	82.8	140	Sg	10:04:33.87			0.96
KOVH	109.6	172	Pg	10:04:26.18			0.00
			Sg	04:40.32			-1.13
MORH	110.1	149	Pg	10:04:25.54			-0.73
			Sg	04:39.63			-1.97
PKSM	110.4	149	Pg	10:04:25.49			-0.83
			Sg	04:39.84			-1.85
CONA	181.4	302	Pn	10:04:38.96			2.70
			Sn	04:59.74			0.35

510.

2018-05-28 time: 10:10:26.45 UTC ML= 1.8
 lat: 47.926N lon: 20.076E h= 0.0 km
 erh= 4.7km erz= 904km
 nr= 10 gap=191 rms=0.70
 Locality: Parád
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	13.6	266	PgU	10:10:29.11			0.24
			Sg	10:31.60			0.83
PENC	61.3	256	Pg	10:10:37.21			-0.19
			Sg	10:45.69			-0.25
KECS	69.0	26	Pg	10:10:39.81			1.04
			Sg	10:48.53			0.14
A336	87.2	293	Pg	10:10:42.07			0.05
ABAH	95.9	65	Sg	10:10:55.77			-1.17
VYHS	111.7	304	Pg	10:10:46.24			-0.16
			Sg	10:59.85			-2.10

Földrengés paraméterek

Hypocenter Parameters

511.

2018-05-29 time: 7:17:39.54 UTC ML= 1.5
 lat: 47.791N lon: 19.893E h= 0.0 km
 erh= 4.4km erz= 972km
 nr= 8 gap=209 rms=0.71
 Locality: Gyöngyös
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	14.2	0	Pg	7:17:42.76	0.69
			Sg	17:44.60	0.56
PENC	45.8	270	Sg	7:17:54.19	0.08
			Sg	7:18:06.65	-1.08
VEYS	110.9	315	Pg	7:17:59.90	0.55
			Sg	18:13.64	-1.15
ABAH	115.0	61	Pg	7:18:00.38	0.30
			Sg	18:15.17	-0.93

512.

2018-05-29 time: 7:58:58.21 UTC ML= 1.6
 lat: 47.321N lon: 18.458E h= 0.0 km
 erh= 2.6km erz= 548km
 nr= 7 gap=207 rms=0.56
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	9.3	327	Pg	7:58:59.77	-0.11
			Sg	59:00.31	-0.87
CSKK	15.6	287	Pg	7:59:00.93	-0.07
			Sg	59:02.28	-0.90
PKST	32.8	258	Pg	7:59:04.62	0.55
			Sg	59:09.26	0.63
PKSM	124.1	174	Sg	7:59:38.22	0.55

513.

2018-05-29 time: 8:10:18.61 UTC ML= 1.8
 lat: 47.331N lon: 18.445E h= 0.0 km
 erh= 1.5km erz= 333km
 nr= 6 gap=204 rms=0.20
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.0	329	Pg	8:10:20.13	0.10
			Sg	10:20.62	-0.51
CSKK	14.4	284	Pg	8:10:21.35	0.17
			Sg	10:23.25	0.06
PKST	32.1	256	Sg	8:10:28.72	-0.09
PKSM	125.3	173	Sg	8:10:58.39	-0.04

514.

2018-05-29 time: 9:00:40.29 UTC ML= 1.7
 lat: 48.220N lon: 18.772E h= 0.0 km
 erh= 2.1km erz= 867km
 nr= 11 gap=100 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	16.9	85	PgU	9:00:43.18	-0.12
			Sg	00:45.62	-0.04
VEYS	30.8	9	Pg	9:00:45.77	-0.02
			Sg	00:50.20	0.11
A338	38.7	234	Pg	9:00:47.45	0.26
			Sg	00:53.91	1.33
SRO	56.7	217	Sg	9:00:59.16	0.84
PENC	61.0	141	Sg	9:01:00.12	0.43
PKSG	96.4	197	Sg	9:01:10.02	-0.91
PKST	120.3	207	Sg	9:01:16.84	-1.70

ZST 124.1 269 Sg 9:01:18.93 -0.82

515.

2018-05-29 time: 9:23:48.63 UTC ML= 0.7
 lat: 46.165N lon: 18.310E h= 0.0 km
 erh= 1.3km erz= 262km
 nr= 8 gap=195 rms=0.19
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.4	242	Pg	9:23:51.71	-0.20
			Sg	23:54.36	-0.11
PKSM	26.1	78	Pg	9:23:53.39	0.10
			Sg	23:57.04	0.12
MORH	26.4	78	Pg	9:23:53.44	0.10
			Sg	23:56.65	-0.37
PKSV	31.0	188	Pg	9:23:54.46	0.29
			Sg	23:58.38	-0.11

516.

2018-05-29 time: 9:33:01.26 UTC ML= 1.5
 lat: 48.567N lon: 20.812E h= 0.0 km
 erh= 3.0km erz= 3.9km
 nr= 17 gap= 90 rms=1.04
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.8	249	Pg	9:33:05.75	-0.12
			Sg	33:08.10	-1.36
ABAH	43.7	134	Pg	9:33:09.53	0.47
			Sg	33:15.02	-0.12
CRVS	60.6	52	Pg	9:33:12.22	0.13
			Sg	33:18.89	-1.65
PSZ	99.2	223	Pg	9:33:20.11	1.14
			Sg	33:32.73	-0.06
STHS	99.7	18	Pg	9:33:18.59	-0.47
			Sg	33:31.85	-1.10
NIE	101.6	339	Pg	9:33:21.44	2.04
KOLS	115.0	69	Sg	9:33:37.76	-0.04
A336	139.3	255	Sn	9:33:43.46	-1.23
			Pn	9:33:26.47	-0.05
VEYS	146.1	267	Sn	33:44.54	-1.68
			Pn	9:33:34.87	1.88
OJC	198.0	338	Sn	33:57.92	0.19

517.

2018-05-29 time: 9:44:51.14 UTC ML= 1.5
 lat: 46.126N lon: 18.080E h= 0.0 km
 erh= 1.0km erz= 181km
 nr= 8 gap=243 rms=0.13
 Locality: Abaliget
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	4.5	161	Pg	9:44:51.84	-0.10
			Sg	44:52.80	0.23
PKSM	44.3	78	Pg	9:44:58.91	-0.15
			Sg	45:05.26	0.03
MORH	44.6	77	Pg	9:44:59.04	-0.07
			Sg	45:05.29	-0.04
PKB4	57.6	44	Pg	9:45:01.64	0.22
PKB5	72.5	44	Pg	9:45:04.08	0.00

Hypocenter Parameters

Földrengés paraméterek

518.

2018-05-29 time: 11:14:43.79 UTC ML= 1.8
 lat: 48.827N lon: 21.219E h= 0.0 km
 erh= 2.2km erz= 3.2km
 nr= 20 gap= 63 rms=1.11
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CRVS	19.6	65	Pg	11:14:47.39			0.09
			Sg		14:49.95		-0.08
ABAH	59.1	179	Pg	11:14:54.46			0.11
			Sg		15:00.90		-1.67
STHS	65.6	2	Pg	11:14:54.73			-0.78
			Sg		15:03.60		-1.04
KECS	66.2	235	Pg	11:14:54.87			-0.75
			Sg		15:03.07		-1.77
KOLS	78.2	81	Pg	11:14:59.03			1.27
			Sg		15:08.72		0.07
NIE	93.3	315	Pg	11:14:59.86			-0.59
			Sg		15:12.08		-1.37
TRPA	124.6	128	Sg	11:15:21.84			-1.56
			Pn	11:15:08.86			0.47
PSZ	140.9	224	Pn	11:15:08.86			0.47
			Sn		15:26.72		-0.86
A336	176.8	248	Pn	11:15:14.43			1.56
			Sn		15:36.41		0.27
VYHS	179.4	258	Pn	11:15:15.30			2.10
			Sn		15:36.41		0.27
OJC	185.9	326	Pn	11:15:15.75			1.74
			Sn		15:38.15		0.57

519.

2018-05-29 time: 13:51:37.18 UTC ML= 2.3
 lat: 45.588N lon: 16.325E h= 10.0 km
 erh= 4.2km erz= 2.5km
 nr= 18 gap=147 rms=1.05
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	37.2	316	Pg	13:51:44.19			0.14
			Sg		51:50.04		0.62
PTJ	44.9	321	Pg	13:51:45.23			-0.17
			Sg		51:50.33		-1.48
CRES	72.6	291	Pg	13:51:49.99			-0.27
			Sg		51:59.43		-1.04
KOGS	95.8	357	Pg	13:51:55.21			0.83
			Sg		52:07.21		-0.59
BLY	115.1	144	Sn	13:52:12.00			-0.97
GROS	116.1	327	Pn	13:51:58.26			0.85
			Sn		52:11.60		-1.59
KOVH	148.7	68	Sn	13:52:19.38			-1.05
			Sn	13:52:19.38			-1.18
PERS	149.3	321	Sn	13:52:19.38			-1.18
			Pn	13:52:03.95			1.44
SOKA	157.0	321	Sn	13:52:03.95			1.44
			Sn		52:20.98		-1.29
OBKA	171.4	307	Sn	13:52:27.11			1.64
			Sn	13:52:31.64			1.45
ARSA	194.8	342	Sn	13:52:32.00			1.33

520.

2018-05-30 time: 7:44:53.92 UTC ML= 1.5
 lat: 48.571N lon: 19.362E h= 0.0 km
 erh= 4.2km erz=11.5km
 nr= 9 gap=139 rms=1.09
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	39.8	258	Pg	7:45:01.23			0.20
			Sg		45:06.03		-0.54
PSZ	82.6	151	Pg	7:45:10.63			1.96
			Sg		45:19.14		-1.04
KECS	83.5	97	Pg	7:45:09.46			0.63

			Sg	45:19.55			-0.92
PENC	87.0	184	Sg	7:45:20.28			-1.29
NIE	117.2	36	Sg	7:45:29.75			-1.41
ABAH	142.2	102	Pn	7:45:19.63			0.95

521.

2018-05-30 time: 8:36:10.77 UTC ML= 1.5
 lat: 48.570N lon: 20.778E h= 0.0 km
 erh= 2.4km erz= 3.7km
 nr= 12 gap= 90 rms=0.93
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.7	246	Pg	8:36:15.18			0.19
			Sg		36:18.02		-0.27
ABAH	45.7	132	Pg	8:36:19.57			0.64
			Sg		36:25.06		-0.24
PSZ	97.7	222	Pg	8:36:28.86			0.64
			Sg		36:41.62		-0.22
STHS	100.2	20	Pg	8:36:27.97			-0.69
			Pg	8:36:28.93			0.23
KOLS	117.1	70	ePg	8:36:34.30			2.62
			Sn	8:36:52.29			-1.93
TRPA	139.4	111	Sn	8:36:52.29			-1.93
			ePn	8:36:34.90			-0.82
VYHS	143.7	267	ePn	8:36:34.90			-0.82
			eSn		36:53.50		-1.68

522.

2018-05-30 time: 8:52:56.12 UTC ML= 1.2
 lat: 47.570N lon: 18.418E h= 0.0 km
 erh= 1.6km erz= 2.0km
 nr= 13 gap=157 rms=0.61
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	19.9	186	Pg	8:53:00.17			0.50
			Sg		53:02.44		-0.01
CSKK	25.9	207	Pg	8:53:00.96			0.22
			Sg		53:04.46		0.11
SRO	28.2	344	ePg	8:53:01.20			0.05
			eSg		53:07.90		2.83*
PKST	45.1	220	Pg	8:53:04.70			0.53
			Sg		53:10.83		0.37
VYHS	107.4	17	Pg	8:53:15.64			0.35
			Sg		53:29.88		-0.36
MODS	123.5	316	eSg	8:53:34.20			-1.16
MORH	151.5	173	Sn	8:53:40.70			-1.57
PKSM	151.9	174	Sn	8:53:41.11			-1.25

523.

2018-05-30 time: 9:17:32.86 UTC ML= 1.1
 lat: 47.060N lon: 19.423E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 8 gap=145 rms=0.84
 Locality: Tatárszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKS7	19.9	266	Pg	9:17:36.27			-0.15
			Sg		17:39.70		0.50
BSZH	69.3	67	Sg	9:17:55.52			0.62
PSZ	101.8	20	Pg	9:17:50.31			-0.73
MORH	111.2	212	Pg	9:17:53.65			0.93
			Sg		18:06.83		-1.37
PKSM	111.7	212	Pg	9:17:53.65			0.85
			Sg		18:07.11		-1.25

Földrengés paraméterek

Hypocenter Parameters

524.

2018-05-30 time: 10:01:40.47 UTC ML= 1.3
 lat: 48.607N lon: 20.887E h= 0.0 km
 erh= 2.9km erz= 993km
 nr= 10 gap=131 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	32.7	245	Pg	10:01:47.31	1.00
			Sg	01:50.51	-0.36
ABAH	43.3	143	Pg	10:01:48.78	0.57
			Sg	01:54.63	0.38
CRVS	53.4	52	Pg	10:01:49.90	-0.12
			Sg	01:56.82	-0.64
STHS	93.7	16	Pg	10:01:58.25	1.05
			Sg	02:08.98	-1.27
PSZ	106.3	224	Pg	10:01:58.30	-1.16
KOLS	108.1	70	Sg	10:02:14.58	-0.26

525.

2018-05-31 time: 7:16:52.98 UTC ML= 2.0
 lat: 48.316N lon: 17.416E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 8 gap=159 rms=0.85
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	22.0	2	Pg	7:16:57.07	0.16
			Sg	17:00.25	0.27
ZST	26.8	240	Pg	7:16:58.80	1.02
			Sg	17:02.38	0.87
A339	57.0	162	Pg	7:17:03.28	0.12
CONA	123.5	250	Pg	7:17:15.00	-0.04
			Sg	17:30.86	-1.38
VRAC	125.8	331	Pg	7:17:13.79	-1.66

526.

2018-05-31 time: 7:49:23.33 UTC ML= 1.2
 lat: 48.574N lon: 20.790E h= 0.0 km
 erh= 2.3km erz= 4.7km
 nr= 10 gap= 89 rms=0.65
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.6	246	Pg	7:49:28.33	0.61
			Sg	49:31.06	-0.10
ABAH	45.4	133	Pg	7:49:31.34	-0.09
			Sg	49:37.03	-0.73
CRVS	61.4	54	Pg	7:49:35.32	1.03
PSZ	98.7	222	Pg	7:49:40.27	-0.68
			Sg	49:55.71	1.02
NIE	100.2	340	Pg	7:49:41.17	-0.06
			Sg	49:54.51	-0.68
VYHS	144.6	266	Sn	7:50:07.17	-0.76

527.

2018-05-31 time: 9:45:51.70 UTC ML= 1.5
 lat: 48.380N lon: 18.531E h= 0.0 km
 erh= 3.8km erz= 790km
 nr= 6 gap=194 rms=0.46
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	25.9	61	Pg	9:45:56.05	-0.28
			Sg	45:59.72	-0.22
A336	38.4	115	Pg	9:45:59.51	0.95

			Sg	46:03.60	-0.31
A338	42.7	198	Sg	9:46:04.91	-0.36
A339	89.4	227	Pg	9:46:07.76	0.09

528.

2018-05-31 time: 10:06:32.47 UTC ML= 0.7
 lat: 47.238N lon: 18.259E h= 0.0 km
 erh= 1.7km erz= 230km
 nr= 6 gap=247 rms=0.14
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	13.9	1	Pg	10:06:35.18	0.23
			Sg	06:36.98	0.10
PKST	17.1	278	Pg	10:06:35.50	-0.03
			Sg	06:37.77	-0.14
PKSG	19.8	30	Pg	10:06:35.95	-0.05
			Sg	06:38.58	-0.17

529.

2018-05-31 time: 12:20:39.06 UTC ML= 1.9
 lat: 48.237N lon: 21.229E h= 0.0 km
 erh= 1.8km erz= 2.7km
 nr= 13 gap=153 rms=0.50
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	6.6	7	PgU	12:20:40.21	-0.02
			Sg	20:41.07	-0.08
KECS	61.5	296	Pg	12:20:49.80	-0.24
			Sg	20:58.07	-0.54
CRVS	75.9	13	Pg	12:20:53.29	0.68
TRPA	98.2	97	Pg	12:20:56.11	-0.48
			Sg	21:09.80	-0.47
PSZ	105.6	250	Pg	12:20:58.45	0.53
			Sg	21:12.04	-0.58
KOLS	109.2	45	Pg	12:20:59.06	0.50
			Sg	21:13.31	-0.46
STHS	131.1	0	Pn	12:21:03.29	0.84
NIE	147.6	333	Sn	12:21:23.90	-0.44

530.

2018-06-01 time: 6:48:39.28 UTC ML= 1.4
 lat: 47.374N lon: 18.410E h= 7.6 km
 erh= 4.9km erz= 3.1km
 nr= 8 gap=208 rms=0.39
 Locality: Gánt
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	2.4	324	PgU	6:48:40.67	-0.04
			Sg	48:41.13	-0.70
CSKK	11.3	264	PgU	6:48:41.96	0.24
			Sg	48:43.65	0.03
PKST	31.1	246	Pg	6:48:45.57	0.57
			Sg	48:48.82	-0.65
MORH	130.0	172	Sn	6:49:18.81	-0.10
PKSM	130.4	172	Sn	6:49:19.20	0.20

531.

2018-06-01 time: 8:39:22.21 UTC ML= 1.5
 lat: 45.858N lon: 18.416E h= 0.0 km
 erh= 4.7km erz= 9.0km
 nr= 13 gap=171 rms=0.71
 Locality: Nagyharsány
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
KOVH	35.4	316	Pg	8:39:28.35	-0.18
			Sg	39:32.78	-0.69
PKSM	43.0	24	Pg	8:39:29.62	-0.27
			Sg	39:35.59	-0.29
MORH	43.5	24	Pg	8:39:29.72	-0.26
			Sg	39:35.89	-0.15
PKS9	81.7	353	Pg	8:39:38.05	1.25
PKB5	85.6	17	Pg	8:39:38.29	0.80
PKB1	107.0	16	Pg	8:39:41.56	0.25
			Sg	39:55.92	-0.29
PKS6	121.0	47	Sg	8:39:59.48	-1.20
BLY	156.6	218	Pn	8:39:49.72	0.95
			Sn	40:07.49	-2.00

532.

2018-06-02 time: 8:59:48.52 UTC ML= 0.8
lat: 46.184N lon: 18.289E h= 0.0 km
erh= 1.6km erz= 297km
nr= 7 gap=161 rms=0.20
Locality: Zobákpuszta
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.1	234	Pg	8:59:51.69	-0.06
			Sg	59:54.14	-0.14
PKSM	27.4	84	Pg	8:59:53.53	0.12
			Sg	59:57.21	-0.01
MORH	27.6	83	Pg	8:59:53.84	0.39
			Sg	59:57.04	-0.26
PKB4	42.3	35	Sg	8:60:01.78	-0.19

533.

2018-06-02 time: 9:12:13.44 UTC ML= 1.8
lat: 48.459N lon: 18.663E h= 0.0 km
erh= 8.7km erz=16.4km
nr= 10 gap=114 rms=1.93
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	13.4	73	PgU	9:12:16.16	0.34
			Sg	12:17.12	-0.56
A336	35.4	135	Pg	9:12:20.29	0.53
			Sg	12:24.91	0.22
A337	69.0	250	Pg	9:12:24.60	-1.16
			Sg	12:32.04	-3.33
MODS	103.0	265	ePg	9:12:35.80	3.96
			eSg	12:49.20	3.01
PSZ	109.6	123	Sg	9:12:46.78	-1.48
MORC	167.8	331	Sn	9:13:01.59	-1.61

534.

2018-06-04 time: 8:42:32.09 UTC ML= 1.1
lat: 47.092N lon: 17.980E h= 0.0 km
erh= 3.6km erz= 564km
nr= 9 gap=220 rms=0.43
Locality: Litér
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	19.0	13	Pg	8:42:35.28	-0.20
			Sg	42:37.20	-0.92
CSKK	36.9	35	Pg	8:42:39.26	0.59
			Sg	42:43.90	0.10
PKSG	45.6	43	Sg	8:42:46.32	-0.25
MORH	109.9	152	Pg	8:42:52.09	0.38
			Sg	43:06.75	-0.27
PKSM	110.2	153	Pg	8:42:52.11	0.34
			Sg	43:06.66	-0.46

Földrengés paraméterek

535.

2018-06-04 time: 8:55:56.69 UTC ML= 1.5
lat: 48.598N lon: 20.794E h= 0.0 km
erh= 4.3km erz= ***km
nr= 7 gap=175 rms=0.71
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	26.1	241	Pg	8:56:01.61	0.26
			Sg	56:04.14	-0.84
ABAH	47.1	136	Sg	8:56:11.09	-0.56
CRVS	59.6	55	Pg	8:56:07.57	0.24
			Sg	56:14.92	-0.71
PSZ	100.9	221	Pg	8:56:16.05	1.35
			Sg	56:28.34	-0.41

536.

2018-06-04 time: 10:21:09.92 UTC ML= 1.1
lat: 46.014N lon: 18.275E h= 0.0 km
erh= 2.1km erz= 214km
nr= 7 gap=249 rms=0.14
Locality: Pécsudvard
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	15.9	301	Pg	10:21:12.63	-0.12
			Sg	21:14.88	-0.08
PKSM	35.8	52	Pg	10:21:16.44	0.13
			Sg	21:21.18	-0.12
MORH	36.3	52	Pg	10:21:16.47	0.08
			Sg	21:21.22	-0.23
PKS9	63.7	0	Pg	10:21:21.49	0.21

537.

2018-06-05 time: 7:43:15.03 UTC ML= 1.4
lat: 48.590N lon: 20.757E h= 0.0 km
erh= 2.6km erz= 3.9km
nr= 9 gap=150 rms=0.48
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.3	239	Pg	7:43:19.18	-0.02
			Sg	43:21.92	-0.53
ABAH	48.4	133	Pg	7:43:23.41	-0.27
			Sg	43:29.92	-0.50
CRVS	62.3	56	Pg	7:43:26.21	0.05
PSZ	98.4	221	Pg	7:43:33.17	0.56
			Sg	43:46.85	0.53
VYHS	142.3	266	Pn	7:43:40.34	0.53
			Sn	43:57.86	-1.27

538.

2018-06-05 time: 9:38:43.31 UTC ML= 1.1
lat: 47.216N lon: 18.267E h= 0.0 km
erh= 1.2km erz= 401km
nr= 9 gap=140 rms=0.30
Locality: Iszkaszentgyörgy
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.4	358	Pg	9:38:46.06	-0.18
			Sg	38:48.36	-0.17
PKST	18.3	285	Pg	9:38:46.80	0.22
			Sg	38:49.50	0.38
PKSG	21.7	25	Pg	9:38:47.32	0.13
			Sg	38:50.43	0.22
EGYH	74.2	288	Pg	9:38:56.08	-0.48
MORH	114.8	165	Sg	9:39:20.18	0.37

Földrengés paraméterek

Hypocenter Parameters

PKSM 115.2 166 Sg 9:39:19.52 -0.41

539.

2018-06-06 time: 6:18:00.85 UTC ML= 0.9
 lat: 47.304N lon: 18.317E h= 0.0 km
 erh= 2.2km erz= 781km
 nr= 10 gap=139 rms=0.60
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	7.9	327	PgU	6:18:02.07	-0.19
			Sg	18:03.18	-0.18
PKSG	11.3	30	Pg	6:18:02.54	-0.33
			Sg	18:04.82	0.37
PKST	21.9	257	Pg	6:18:04.50	-0.27
			Sg	18:08.24	0.42
MORH	123.5	168	Pg	6:18:24.23	1.33
			Sg	18:39.01	-1.09
PKSM	123.9	168	Pg	6:18:23.49	0.52
			Sg	18:39.50	-0.72

540.

2018-06-06 time: 6:33:33.57 UTC ML= 1.7
 lat: 47.330N lon: 18.446E h= 0.0 km
 erh= 1.0km erz= 174km
 nr= 6 gap=204 rms=0.10
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.0	329	PgU	6:33:35.10	0.10
			Sg	33:35.91	-0.21
CSKK	14.5	285	Pg	6:33:36.22	0.07
			Sg	33:38.16	-0.01
MORH	124.8	173	Sg	6:34:13.27	0.03
PKSM	125.2	173	Sg	6:34:13.27	-0.10

541.

2018-06-06 time: 7:30:00.21 UTC ML= 1.0
 lat: 47.478N lon: 18.420E h= 0.0 km
 erh= 5.1km erz= 583km
 nr= 6 gap=323 rms=0.34
 Locality: Várgesztes
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	9.9	193	Pg	7:30:01.52	-0.45
			Sg	30:03.53	0.19
CSKK	17.6	223	Pg	7:30:03.80	0.45
			Sg	30:05.80	0.01
PKST	38.0	230	Pg	7:30:07.15	0.16
			Sg	30:11.82	-0.46

542.

2018-06-06 time: 8:48:37.31 UTC ML= 1.7
 lat: 45.584N lon: 17.333E h= 12.3 km
 erh= 2.1km erz= 1.1km
 nr= 13 gap=216 rms=0.28
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	79.1	65	Pg	8:48:51.75	0.14
KOVH	81.8	47	Pg	8:48:52.02	-0.06
			Sg	49:03.38	-0.23
BEHE	107.6	336	Pn	8:48:56.18	-0.01
			Sn	49:11.01	0.10
PTJ	112.7	288	Pn	8:48:56.15	-0.67
PKSM	123.2	55	Pn	8:48:58.26	0.12

			Sn	49:14.29	-0.09
MORH	123.6	55	Pn	8:48:58.22	0.03
			Sn	49:14.36	-0.12
KOGS	127.5	319	Pn	8:48:59.61	0.93
CRES	148.6	280	Pn	8:49:01.44	0.14
			Sn	49:20.10	0.09

543.

2018-06-06 time: 9:30:41.96 UTC ML= 1.4
 lat: 47.576N lon: 18.453E h= 0.0 km
 erh= 0.9km erz= 245km
 nr= 8 gap=154 rms=0.17
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	21.0	193	Pg	9:30:45.90	0.19
			Sg	30:48.59	-0.04
CSKK	27.7	212	Pg	9:30:47.18	0.27
			Sg	30:50.54	-0.23
BUD	44.2	103	Sg	9:30:56.08	0.06
PKST	47.3	222	Sg	9:30:56.94	-0.06
PKB1	91.7	164	Pg	9:30:58.14	-0.19
VYHS	106.0	16	Sg	9:31:15.56	-0.11

544.

2018-06-06 time: 9:47:47.45 UTC ML= 0.8
 lat: 47.213N lon: 18.254E h= 0.0 km
 erh= 1.7km erz= 567km
 nr= 9 gap=138 rms=0.42
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.7	2	Pg	9:47:50.72	0.29
			Sg	47:52.15	-0.60
PKST	17.4	287	Pg	9:47:50.44	-0.12
			Sg	47:52.93	-0.06
PKSG	22.4	27	Pg	9:47:51.93	0.48
			Sg	47:54.21	-0.35
MORH	114.8	165	Sg	9:48:23.52	-0.43
PKSM	115.2	165	Pg	9:48:08.68	0.66
			Sg	48:23.59	-0.48

545.

2018-06-06 time: 9:57:13.71 UTC ML= 1.9
 lat: 47.917N lon: 20.064E h= 0.0 km
 erh= 2.9km erz= 3.9km
 nr= 15 gap=123 rms=0.98
 Locality: Parád
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	12.7	271	PgU	9:57:16.56	0.59
			Sg	57:18.81	1.07
PENC	60.2	256	Sg	9:57:33.12	0.26
KECS	70.3	26	Sg	9:57:35.63	-0.42
A336	86.8	294	Pg	9:57:30.20	0.99
			Sg	57:41.17	-0.13
ABAH	97.1	64	Pg	9:57:30.96	-0.09
			Sg	57:43.98	-0.60
VYHS	111.6	305	Pg	9:57:33.73	0.10
			Sg	57:46.61	-2.56
PKSN	114.4	187	Sg	9:57:49.76	-0.30
PKSG	138.6	245	Sn	9:57:56.30	-0.70
CSKK	148.9	246	Sn	9:57:58.69	-0.58
CRVS	150.6	43	ePn	9:57:43.30	3.78
PKB2	151.5	204	Sn	9:57:58.80	-1.06

Hypocenter Parameters

546.
 2018-06-06 time: 10:02:35.31 UTC ML= 1.7
 lat: 48.179N lon: 16.885E h= 0.0 km
 erh= 1.6km erz= 3.0km
 nr= 14 gap= 90 rms=0.60
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	16.3	83	Pg	10:02:38.14	-0.08
			Sg	02:40.22	-0.28
MODS	36.3	53	ePg	10:02:41.50	-0.29
			eSg	02:46.50	-0.35
SOP	60.3	204	Sg	10:02:53.13	-1.35
CONA	81.2	250	Sg	10:03:01.13	0.01
EGYH	91.1	158	Sg	10:03:04.73	0.45
KRUC	104.6	340	Pg	10:02:54.86	0.88
			Sg	03:08.40	-0.15
VRAC	127.4	350	Pg	10:02:58.19	0.14
			Sg	03:14.32	-1.47
ARSA	145.3	225	Pn	10:03:01.10	0.64
			Sn	03:19.86	-0.21
VYHS	148.9	76	Pn	10:03:01.51	0.60

547.
 2018-06-06 time: 10:52:19.19 UTC ML= 1.9
 lat: 45.596N lon: 17.327E h= 10.0 km
 erh= 2.4km erz= 2.3km
 nr= 19 gap=121 rms=0.72
 Locality: Croatia
 Comments:

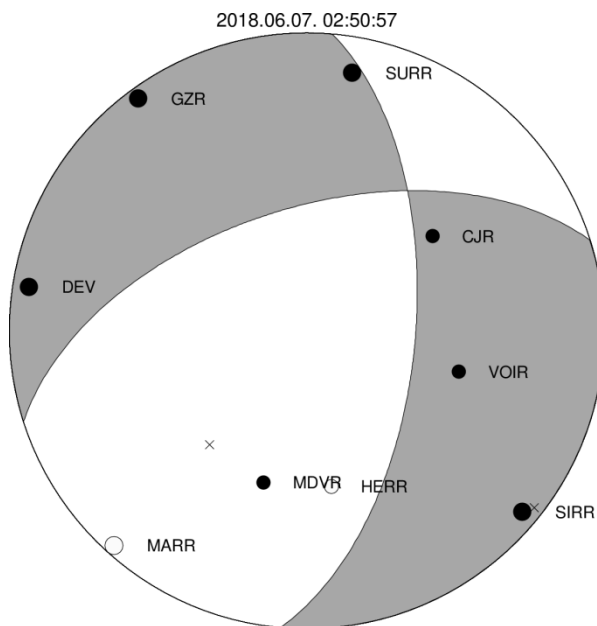
sta	dist	azm	phase	hr mn sec	res
PKSV	79.0	66	Pg	10:52:33.91	0.49
			Sg	52:44.41	-0.10
KOVH	81.2	48	Pg	10:52:33.53	-0.28
			Sg	52:44.24	-0.97
BLY	94.8	187	Pg	10:52:36.66	0.44
			Sg	52:48.51	-1.00
BEHE	106.1	336	P*	10:52:38.51	0.36
			S*	52:51.81	-1.12
PTJ	111.7	288	Pn	10:52:38.43	-0.45
			Sn	52:53.01	-1.23
PKSM	122.8	56	Pn	10:52:40.04	-0.23
			Sn	52:56.69	-0.01
MORH	123.3	56	Pn	10:52:40.15	-0.17
			Sn	52:56.28	-0.52
KOGS	126.2	319	Sn	10:52:57.15	-0.29
PKB4	140.7	45	Pn	10:52:43.93	1.44
			Sn	53:02.19	1.53
CRES	147.8	280	Pn	10:52:44.22	0.84
			Sn	53:02.72	0.47

548.
 2018-06-07 time: 2:50:57.20 UTC ML= 1.6
 lat: 45.965N lon: 22.178E h= 5.6 km
 erh= 1.8km erz= 1.8km
 nr= 26 gap= 82 rms=0.88
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
SURR	23.8	190	PgC	2:51:02.48	0.92
			Sg	51:05.60	0.64
SIRR	52.4	310	PgC	2:51:07.18	0.58
			Sg	51:13.00	-0.94
DEV	56.9	99	PgC	2:51:07.69	0.28
			Sg	51:14.80	-0.58
BZS	58.4	228	Pg	2:51:07.96	0.30
			Sg	51:14.12	-1.71
GZR	78.8	144	PgC	2:51:11.70	0.40
			Sg	51:21.10	-1.19

Földrengés paraméterek

DRGR	100.6	24	Pg	2:51:15.16	-0.04
			Sg	51:26.79	-2.45
MARR	107.2	42	PgD	2:51:16.31	-0.06
			Sg	51:30.20	-1.12
HERR	121.9	171	PnD	2:51:18.74	0.03
			Sn	51:33.40	-2.09
MDVR	136.5	196	PnC	2:51:21.19	0.66
			Sn	51:37.60	-1.13
CJR	137.4	53	PnC	2:51:21.56	0.92
			Sn	51:39.40	0.47
MESR	144.4	24	Sn	2:51:40.10	-0.39
RMGR	150.2	164	Sn	2:51:42.70	0.92
LTVH	159.3	352	Sn	2:51:44.73	0.93
ARCR	208.3	53	Sn	2:51:56.01	1.34
VOIR	231.2	105	PnC	2:51:32.89	0.55
			Sn	52:00.80	1.05



549.
 2018-06-07 time: 10:51:44.92 UTC ML= 1.5
 lat: 48.391N lon: 19.361E h= 0.0 km
 erh= 3.3km erz= 788km
 nr= 7 gap=206 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	32.1	237	Pg	10:51:50.48	-0.17
			Sg	51:54.73	-0.39
PSZ	65.9	143	Pg	10:51:57.65	0.97
			Sg	52:05.53	-0.33
PENC	67.0	185	Sg	10:52:06.22	-0.01
KECS	83.8	83	Pg	10:52:00.20	0.31
			Sg	52:10.78	-0.79

550.
 2018-06-07 time: 17:24:04.11 UTC ML= 0.2
 lat: 47.392N lon: 18.204E h= 2.8 km
 erh= 8.4km erz=12.9km
 nr= 6 gap=229 rms=0.18
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	5.4	127	Pg	17:24:05.32	0.13

Földrengés paraméterek

			Sg	24:06.07	0.03
PKSG	14.1	90	Pg	17:24:06.89	0.21
			Sg	24:08.26	-0.43
PKST	19.6	221	Pg	17:24:07.55	-0.09
			Sg	24:10.32	-0.07

551.

2018-06-07 time: 17:34:18.86 UTC ML= 0.0
 lat: 47.334N lon: 18.235E h= 4.0 km
 erh= 4.7km erz= 3.2km
 nr= 6 gap=180 rms=0.08
 Locality: Bodajk
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	3.7	31	Pg	17:34:19.83	-0.01
			Sg	34:20.54	-0.06
PKSG	13.4	61	Pg	17:34:21.47	0.12
			Sg	34:23.25	-0.05
PKST	17.4	241	Pg	17:34:21.94	-0.10
			Sg	34:24.62	0.10

552.

2018-06-08 time: 8:05:08.79 UTC ML= 1.5
 lat: 48.576N lon: 20.785E h= 0.0 km
 erh= 4.0km erz= 662km
 nr= 5 gap=169 rms=0.32
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.4	245	Pg	8:05:13.56	0.42
			Sg	05:16.20	-0.34
ABAH	45.8	133	Pg	8:05:17.23	0.25
CRVS	61.6	54	Pg	8:05:19.46	-0.34
PSZ	98.6	222	Sg	8:05:39.96	-0.16

553.

2018-06-08 time: 8:06:44.81 UTC ML= 1.2
 lat: 48.409N lon: 19.114E h= 0.0 km
 erh= 4.1km erz= 5.4km
 nr= 12 gap=177 rms=0.97
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	21.3	204	Pg	8:06:49.33	0.72
			Sg	06:51.93	0.36
PENC	69.8	170	Sg	8:07:07.22	0.22
A338	71.5	232	Sg	8:07:07.22	-0.33
PSZ	79.6	133	Pg	8:07:00.00	0.98
			Sg	07:09.95	-0.16
KECS	101.8	85	Pg	8:07:02.54	-0.44
			Sg	07:16.33	-0.83
PKSG	125.3	206	Sg	8:07:23.11	-1.53
CSKK	132.6	209	Sn	8:07:25.27	-1.49
MODS	136.1	268	ePn	8:07:10.70	1.89
			eSn	07:25.80	-1.73

554.

2018-06-08 time: 8:15:55.36 UTC ML= 1.2
 lat: 48.589N lon: 20.648E h= 0.0 km
 erh= 5.7km erz= 463km
 nr= 6 gap=232 rms=0.32
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	16.8	226	Pg	8:15:58.11	-0.25
			Sg	16:00.00	-0.70

Hypocenter Parameters

PSZ	93.3	217	Pg	8:16:12.27	0.26
			Sg	16:25.38	0.38
NIE	95.5	345	Pg	8:16:12.55	0.14
			Sg	16:25.66	-0.04

555.

2018-06-08 time: 9:57:31.02 UTC ML= 1.3
 lat: 46.259N lon: 18.467E h= 0.0 km
 erh= 0.7km erz= 298km
 nr= 14 gap=145 rms=0.26
 Locality: Kismányok
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSM	14.4	111	Pg	9:57:33.51	-0.09
			Sg	57:35.71	0.10
MORH	14.5	109	PgU	9:57:33.55	-0.06
			Sg	57:36.05	0.43
PKB4	28.4	22	Pg	9:57:36.43	0.34
			Sg	57:40.57	0.52
KOVH	34.1	236	Pg	9:57:36.94	-0.18
			Sg	57:41.85	-0.03
PKB5	42.7	29	Pg	9:57:38.64	0.00
			Sg	57:44.50	-0.08
PKSV	44.4	202	Sg	9:57:45.18	0.03
PKB1	63.5	23	Pg	9:57:42.19	-0.17
			Sg	57:50.85	-0.35
PKB2	75.3	52	Sg	9:57:54.06	-0.90

556.

2018-06-08 time: 10:28:21.07 UTC ML= 0.6
 lat: 46.158N lon: 18.320E h= 0.0 km
 erh= 3.1km erz= 632km
 nr= 8 gap=190 rms=0.46
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.7	246	Pg	10:28:24.19	-0.21
			Sg	28:26.66	-0.34
PKSM	25.5	76	Pg	10:28:26.18	0.55
			Sg	28:28.56	-0.63
MORH	25.9	76	Pg	10:28:26.21	0.52
			Sg	28:28.77	-0.52
PKSV	30.4	190	Pg	10:28:26.26	-0.24
			Sg	28:31.33	0.60

557.

2018-06-11 time: 7:57:46.90 UTC ML= 1.4
 lat: 48.600N lon: 20.748E h= 0.0 km
 erh= 1.8km erz= 563km
 nr= 9 gap= 87 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.4	236	Pg	7:57:51.11	0.04
			Sg	57:54.02	-0.31
ABAH	49.7	133	Pg	7:57:56.13	0.36
			Sg	58:02.46	-0.22
CRVS	62.3	57	Pg	7:57:57.54	-0.48
STHS	97.8	22	Pg	7:58:05.12	0.76
PSZ	98.8	220	Pg	7:58:04.97	0.42
			Sg	58:17.97	-0.35
LANS	112.1	303	Pg	7:58:06.45	-0.47

Hypocenter Parameters

Földrengés paraméterek

558.

2018-06-11 time: 8:56:47.44 UTC ML= 1.0
 lat: 46.191N lon: 18.276E h= 0.0 km
 erh= 1.0km erz= 164km
 nr= 8 gap=214 rms=0.12
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.8	230	Pg	8:56:50.59			-0.02
			Sg	56:53.27			0.18
PKSM	28.3	85	Pg	8:56:52.41			-0.09
			Sg	56:56.64			0.20
MORH	28.6	84	Pg	8:56:52.51			-0.03
			Sg	56:56.52			0.00
PKSV	33.7	183	Pg	8:56:53.51			0.05
			Sg	56:57.86			-0.28

559.

2018-06-11 time: 10:12:45.63 UTC ML= 1.6
 lat: 48.783N lon: 21.247E h= 0.0 km
 erh= 4.4km erz= 3.6km
 nr= 11 gap=227 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	54.1	181	Pg	10:12:56.07			0.78
			Sg	13:03.76			0.93
KECS	65.2	239	Pg	10:12:57.11			-0.17
			Sg	13:04.76			-1.60
TRPA	120.0	127	Pg	10:13:07.26			0.20
			Sg	13:22.87			-0.90
PSZ	138.8	226	Pn	10:13:09.72			-0.26
			Sn	13:28.17			-0.80
A336	177.0	250	Sn	10:13:37.90			0.47
VYHS	180.5	260	Pn	10:13:15.57			0.39
			Sn	13:38.59			0.37

560.

2018-06-11 time: 10:20:44.96 UTC ML= 1.0
 lat: 48.379N lon: 18.443E h= 0.0 km
 erh= 5.8km erz= ***km
 nr= 6 gap=237 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	31.8	66	Pg	10:20:50.30			-0.33
			Sg	20:55.12			0.06
A338	41.0	189	Sg	10:20:57.95			-0.03
A336	44.3	111	Sg	10:20:59.84			0.81
PSZ	119.5	115	Pg	10:21:06.76			0.46
			Sg	21:21.63			-1.31

561.

2018-06-12 time: 6:45:19.86 UTC ML= 2.2
 lat: 48.683N lon: 18.066E h= 0.0 km
 erh= 1.7km erz= 2.3km
 nr= 31 gap= 81 rms=0.95
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	50.6	248	Pg	6:45:30.66			1.76
			Sg	45:36.40			0.45
A337	52.9	203	Sg	6:45:37.37			0.70
VYHS	60.6	110	Pg	6:45:30.21			-0.47
			Sg	45:38.45			-0.68
MODS	67.6	239	ePg	6:45:31.50			-0.44

			eSg	45:40.60			-0.76
A338	77.3	164	Pg	6:45:34.27			0.61
			Sg	45:43.72			-0.70
A336	85.3	126	Pg	6:45:35.24			0.15
			Sg	45:45.87			-1.09
ZST	89.5	233	Pg	6:45:36.51			0.67
			Sg	45:47.90			-0.41
SRO	98.5	169	Pg	6:45:38.43			0.99
			Sg	45:50.83			-0.33
LANS	115.2	63	ePg	6:45:41.90			1.48
MORC	127.4	343	Pg	6:45:42.71			0.09
			Sg	45:59.05			-1.32
VRAC	128.2	303	Pg	6:45:43.09			0.34
			Sg	45:58.82			-1.79
KRUC	129.6	289	Pg	6:45:44.23			1.23
			Sg	45:59.43			-1.61
PENC	134.2	138	Sn	6:46:01.30			-0.87
CSKK	147.5	174	Sn	6:46:05.35			0.23
PSZ	160.2	122	Sn	6:46:07.91			-0.01
RONA	171.1	230	Pn	6:45:47.45			-0.77
			Sn	46:08.59			-1.76
KRLC	180.7	329	ePn	6:45:50.80			1.37
			eSn	46:13.70			1.21
CONA	183.8	243	Pn	6:45:48.93			-0.88
			Sn	46:11.12			-2.05

562.

2018-06-12 time: 6:48:15.22 UTC ML= 1.5
 lat: 47.368N lon: 18.382E h= 0.0 km
 erh= 2.0km erz= 183km
 nr= 5 gap=231 rms=0.08
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	2.7	14	PgU	6:48:15.65			-0.06
			Sg	48:16.10			0.01
CSKK	9.2	267	PgU	6:48:16.99			0.12
			Sg	48:18.15			0.00
PKST	29.0	245	Sg	6:48:24.31			-0.12

563.

2018-06-12 time: 6:54:39.22 UTC ML= 1.0
 lat: 47.332N lon: 18.438E h= 0.0 km
 erh= 3.9km erz= 694km
 nr= 6 gap=201 rms=0.40
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	7.6	332	PgU	6:54:40.66			0.08
			Sg	54:41.24			-0.40
CSKK	13.9	285	Pg	6:54:41.93			0.23
			Sg	54:43.15			-0.49
PKST	31.6	255	Pg	6:54:45.45			0.58
PKSM	125.4	173	Sg	6:55:18.58			-0.52

564.

2018-06-12 time: 8:03:00.96 UTC ML= 0.7
 lat: 47.236N lon: 18.269E h= 0.0 km
 erh= 0.6km erz= 88.0km
 nr= 6 gap=250 rms=0.05
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	14.1	357	Pg	8:03:03.56			0.08
			Sg	03:05.44			0.00
PKST	17.9	278	Pg	8:03:04.19			0.03
			Sg	03:06.57			-0.09
PKSG	19.6	28	Pg	8:03:04.42			-0.04
			Sg	03:07.17			-0.01

Földrengés paraméterek

Hypocenter Parameters

565.

2018-06-12 time: 8:14:53.55 UTC ML= 1.1
 lat: 48.549N lon: 20.760E h= 0.0 km
 erh= 2.0km erz= 3.0km
 nr= 9 gap=147 rms=0.59
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.6	250	Pg	8:14:57.35	-0.06
			Sg	15:00.12	-0.30
ABAH	45.3	128	Pg	8:15:01.44	-0.20
			Sg	15:07.57	-0.38
PSZ	95.2	223	Pg	8:15:11.65	1.10
			Sg	15:24.08	0.27
NIE	102.1	341	Pg	8:15:12.34	0.56
VYHS	142.3	268	Pn	8:15:17.71	-0.61
			Sn	15:36.51	-1.14

566.

2018-06-12 time: 10:30:13.21 UTC ML= 1.1
 lat: 45.890N lon: 18.288E h= 0.0 km
 erh= 2.0km erz= 384km
 nr= 7 gap=228 rms=0.26
 Locality: Máriagyűd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	2.8	266	Pg	10:30:13.50	-0.20
			Sg	30:13.85	-0.23
KOVH	26.4	327	Sg	10:30:21.66	0.07
PKSM	45.0	37	Pg	10:30:21.51	0.26
			Sg	30:27.16	-0.36
MORH	45.5	37	Pg	10:30:21.73	0.40
			Sg	30:27.53	-0.14

567.

2018-06-12 time: 12:41:22.13 UTC ML= 1.6
 lat: 48.900N lon: 20.632E h= 0.0 km
 erh= 5.5km erz= 5.8km
 nr= 9 gap=168 rms=1.02
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	47.6	193	Pg	12:41:31.06	0.43
			Sg	41:37.37	0.11
NIE	62.2	338	Sg	12:41:41.18	-0.72
ABAH	80.7	146	Sg	12:41:47.06	-0.73
			Pg	12:41:44.89	0.96
VYHS	139.7	251	Sg	42:00.15	-0.78
			Sn	12:42:03.52	-2.14
OJC	158.7	338	Pn	12:41:50.51	1.57
			Sn	42:09.39	-0.47

568.

2018-06-13 time: 5:24:30.02 UTC ML= 1.3
 lat: 47.340N lon: 18.391E h= 0.0 km
 erh= 4.0km erz= 561km
 nr= 6 gap=252 rms=0.33
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	5.7	360	PgU	5:24:31.00	-0.04
			Sg	24:31.47	-0.37
CSKK	10.2	284	PgU	5:24:32.23	0.38
			Sg	24:33.44	0.17
PKST	28.5	251	Pg	5:24:35.27	0.16

Sg 24:38.41 -0.67

569.

2018-06-13 time: 6:13:14.65 UTC ML= 0.3
 lat: 47.296N lon: 18.291E h= 0.0 km
 erh= 1.7km erz= 298km
 nr= 6 gap=223 rms=0.20
 Locality: Fehérváracsurgó
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	7.9	343	Pg	6:13:15.95	-0.10
			Sg	13:17.37	0.22
PKSG	13.1	35	Pg	6:13:16.93	-0.06
			Sg	13:18.86	0.04
PKST	19.8	258	Pg	6:13:17.95	-0.24
			Sg	13:21.36	0.41

570.

2018-06-13 time: 8:21:17.84 UTC ML= 1.8
 lat: 48.594N lon: 20.767E h= 0.0 km
 erh= 1.3km erz= 1.8km
 nr= 14 gap=113 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.2	239	Pg	8:21:22.50	0.34
			Sg	21:25.61	0.09
ABAH	48.2	133	Pg	8:21:26.37	-0.07
			Sg	21:32.40	-0.76
CRVS	61.5	56	ePg	8:21:29.30	0.48
			eSg	21:36.90	-0.48
PSZ	99.2	221	Pg	8:21:36.17	0.61
			Sg	21:49.71	0.33
LANS	113.6	303	Pg	8:21:38.21	0.08
KOLS	117.0	71	eSg	8:21:54.80	-0.22
A336	136.9	253	Pn	8:21:41.53	-0.41
			Sn	21:59.33	-1.41
VYHS	143.0	266	Pn	8:21:43.12	0.42
			Sn	22:00.93	-1.17

571.

2018-06-13 time: 8:28:03.62 UTC ML= 1.4
 lat: 48.619N lon: 19.000E h= 0.0 km
 erh= 4.0km erz= 429km
 nr= 5 gap=319 rms=0.20
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	18.4	221	Pg	8:28:07.15	0.24
			Sg	28:09.67	0.19
A336	42.9	180	Sg	8:28:17.23	-0.03
A338	82.6	216	Pg	8:28:18.15	-0.21
			Sg	28:29.66	-0.20

572.

2018-06-13 time: 10:00:55.18 UTC ML= 1.4
 lat: 48.166N lon: 16.883E h= 0.0 km
 erh= 2.5km erz= 6.6km
 nr= 13 gap= 89 rms=0.88
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	16.7	78	Pg	10:00:57.87	-0.29
MODS	37.3	52	ePg	10:01:03.50	1.65
			eSg	01:08.00	0.95
SOP	58.8	204	Sg	10:01:14.07	0.18

Hypocenter Parameters

CONA 80.6 251 Sg 10:01:21.17 0.37
 EGYH 89.7 158 Sg 10:01:23.52 -0.19
 KRUC 106.0 340 Pg 10:01:14.42 0.32
 Sg 01:28.37 -0.49
 MPLH 121.2 156 Sg 10:01:32.28 -1.41
 VRAC 128.9 350 Pg 10:01:17.81 -0.38
 Sg 01:34.63 -1.51
 VYHS 149.4 76 ePn 10:01:21.60 0.76
 eSn 01:38.70 -2.16

573.

2018-06-14 time: 9:03:49.53 UTC ML= 1.9
 lat: 48.895N lon: 20.480E h= 0.0 km
 erh= 2.2km erz= 3.1km
 nr= 15 gap= 62 rms=0.85
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
NIE	59.5	348	Sg	9:04:09.18			0.73
CRVS	72.0	89	ePg	9:04:02.50			0.12
LANS	79.3	291	Sg	9:04:14.10			-0.63
STHS	80.5	44	ePg	9:04:03.50			-0.40
			eSg	04:13.60			-1.51
ABAH	87.0	140	Pg	9:04:04.95			-0.12
			Sg	04:17.94			0.74
PSZ	116.9	202	Pg	9:04:10.49			0.08
			Sg	04:25.65			-1.04
VYHS	128.9	250	Pg	9:04:12.75			0.19
			Sg	04:28.05			-2.47
KOLS	131.5	88	Pn	9:04:13.07			0.11
PENC	151.5	216	Sn	9:04:36.40			0.71
OJC	155.4	342	Pn	9:04:17.84			1.91
			Sn	04:35.74			-0.79

574.

2018-06-14 time: 9:27:24.42 UTC ML= 1.7
 lat: 47.853N lon: 19.118E h= 0.0 km
 erh= 0.9km erz= 375km
 nr= 11 gap=107 rms=0.30
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.1	120	Pg	9:27:27.00			0.07
			Sg	27:28.87			-0.02
A336	43.2	348	Pg	9:27:32.32			0.19
			Sg	27:37.87			-0.27
PSZ	58.5	83	Pg	9:27:35.10			0.24
			Sg	27:42.65			-0.36
A338	60.0	287	Pg	9:27:35.50			0.37
			Sg	27:43.74			0.25
VYHS	74.3	344	Sg	9:27:47.84			-0.19
PKSG	75.0	227	Sg	9:27:47.98			-0.27
PKST	105.0	231	Sg	9:27:56.80			-0.99

575.

2018-06-14 time: 11:01:45.11 UTC ML= 1.2
 lat: 48.192N lon: 19.799E h= 0.0 km
 erh= 3.7km erz= ***km
 nr= 6 gap=128 rms=0.66
 Locality: Somoskő
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	31.3	167	PgU	11:01:50.87			0.17
			Sg	01:55.14			0.08
KECS	60.3	58	Pg	11:01:56.67			0.78
			Sg	02:03.31			-0.99
VYHS	78.9	295	Pg	11:01:59.50			0.30
			Sg	02:09.03			-1.15

Földrengés paraméterek

576.

2018-06-15 time: 5:51:48.30 UTC ML= 0.8
 lat: 47.330N lon: 18.290E h= 10.0 km
 erh= 6.6km erz= 4.2km
 nr= 8 gap=120 rms=0.40
 Locality: Söréd
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	4.3	329	Pg	5:51:50.63			0.39
			Sg	51:51.81			0.05
PKSG	10.3	48	Pg	5:51:50.92			0.06
			Sg	51:52.60			-0.26
PKST	20.9	248	Pg	5:51:51.67			-0.76
			Sg	51:55.57			-0.09
MPLH	59.5	253	Pg	5:51:59.64			0.56
MORH	126.8	168	Sn	5:52:26.48			-0.20

577.

2018-06-15 time: 6:05:22.36 UTC ML= 1.8
 lat: 48.704N lon: 18.670E h= 0.0 km
 erh= 2.7km erz= 3.7km
 nr= 17 gap= 84 rms=1.01
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	26.4	152	Pg	6:05:27.71			0.64
			Sg	05:31.34			0.59
A336	57.8	155	Pg	6:05:33.74			1.07
			Sg	05:40.48			-0.24
LANS	76.7	50	ePg	6:05:36.70			0.64
			eSg	05:47.00			0.26
A338	80.1	197	Pg	6:05:38.71			2.04
			Sg	05:47.71			-0.12
MODS	109.2	250	ePg	6:05:40.60			-1.26
			eSg	05:56.20			-0.87
PENC	111.3	156	Sg	6:05:56.25			-1.48
PSZ	126.0	134	Sg	6:06:00.46			-1.96
KECS	136.2	100	ePn	6:05:46.40			0.03
			eSn	06:04.20			-0.90
MORC	144.8	325	Pn	6:05:47.55			0.10
			Sn	06:05.92			-1.10
PKSG	147.4	188	Sn	6:06:07.03			-0.56

578.

2018-06-15 time: 6:23:05.53 UTC ML= 1.2
 lat: 47.453N lon: 18.227E h= 10.0 km
 erh= 3.0km erz= 5.8km
 nr= 8 gap=155 rms=0.41
 Locality: Pusztavám
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	10.3	166	Pg	6:23:08.41			0.32
			Sg	23:09.46			-0.63
PKSG	14.1	119	Pg	6:23:09.10			0.48
			Sg	23:10.77			-0.26
PKST	26.0	214	Pg	6:23:10.85			0.35
			Sg	23:14.07			-0.31
A338	63.3	9	Pg	6:23:16.45			-0.52
			Sg	23:26.08			0.19

579.

2018-06-15 time: 6:36:10.90 UTC ML= 0.7
 lat: 47.306N lon: 18.302E h= 0.0 km
 erh= 1.3km erz= 251km
 nr= 6 gap=221 rms=0.17
 Locality: Söréd
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
CSKK	7.1	333	Pg	6:36:12.22	0.06
			Sg	36:13.23	0.08
PKSG	11.6	35	Pg	6:36:12.62	-0.35
			Sg	36:14.76	0.17
PKST	21.0	256	Pg	6:36:14.66	0.02
			Sg	36:17.64	0.08

580.

2018-06-15 time: 8:46:38.00 UTC ML= 1.0
 lat: 46.213N lon: 18.262E h= 0.0 km
 erh= 1.8km erz= 285km
 nr= 7 gap=227 rms=0.20
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.7	222	Pg	8:46:41.35	0.02
			Sg	46:44.27	0.34
PKSM	29.3	90	Pg	8:46:43.14	-0.08
			Sg	46:47.59	0.29
MORH	29.5	89	Pg	8:46:43.19	-0.07
			Sg	46:47.34	-0.03
PKSV	36.1	181	Sg	8:46:49.04	-0.42

581.

2018-06-15 time: 8:59:02.52 UTC ML= 1.8
 lat: 48.417N lon: 17.272E h= 0.0 km
 erh= 1.4km erz= 2.6km
 nr= 9 gap=160 rms=0.36
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	15.8	47	Pg	8:59:05.65	0.30
			Sg	59:07.28	-0.27
ZST	27.6	207	Pg	8:59:07.61	0.16
			Sg	59:11.03	-0.27
KRUC	96.4	318	Pg	8:59:19.53	-0.22
			Sg	59:33.94	0.76
CONA	118.1	243	Pg	8:59:23.88	0.26
			Sg	59:39.62	-0.46
MORC	152.5	7	Sn	8:59:48.34	-0.55

582.

2018-06-15 time: 9:54:01.06 UTC ML= 0.9
 lat: 47.245N lon: 18.250E h= 0.0 km
 erh= 1.7km erz= 459km
 nr= 7 gap=134 rms=0.32
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	13.1	4	Pg	9:54:03.72	0.32
			Sg	54:05.61	0.38
PKST	16.4	275	Pg	9:54:03.61	-0.38
			Sg	54:06.15	-0.12
PKSG	19.4	33	Pg	9:54:04.21	-0.33
			Sg	54:07.05	-0.19
PKB1	65.8	141	Pg	9:54:13.16	0.35

583.

2018-06-15 time: 10:08:23.19 UTC ML= 1.1
 lat: 47.097N lon: 18.030E h= 0.0 km
 erh= 1.2km erz= 398km
 nr= 8 gap=128 rms=0.28
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.0	1	Pg	10:08:26.28	-0.13
			Sg	08:28.71	-0.21
CSKK	34.3	30	Sg	10:08:34.31	0.20
MPLH	38.1	282	Pg	10:08:30.30	0.30
			Sg	08:35.12	-0.19
PKSG	42.6	40	Sg	10:08:36.77	0.02
PKSM	108.9	155	Pg	10:08:42.91	0.26
			Sg	08:57.03	-0.79

584.

2018-06-15 time: 11:05:18.30 UTC ML= 1.8
 lat: 48.541N lon: 19.335E h= 0.0 km
 erh= 2.3km erz= 5.1km
 nr= 9 gap=192 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	37.2	262	Pg	11:05:24.90	-0.05
			Sg	05:29.42	-0.71
A336	42.3	216	Pg	11:05:26.26	0.41
			Sg	05:31.73	-0.01
PSZ	80.7	149	Pg	11:05:33.14	0.43
			Sg	05:43.48	-0.47
KECS	85.2	94	Pg	11:05:33.54	0.02
			Sg	05:44.38	-1.01
ABAH	143.6	101	Pn	11:05:43.86	0.63

585.

2018-06-15 time: 13:09:00.07 UTC ML= 1.8
 lat: 48.589N lon: 17.498E h= 0.0 km
 erh= 1.1km erz= 1.5km
 nr= 10 gap=115 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	9.8	211	Pg	13:09:01.80	-0.01
			Sg	09:03.46	0.29
KRUC	96.6	303	Sg	13:09:31.05	0.29
VYHS	99.4	96	Pg	13:09:18.54	0.72
			Sg	09:31.35	-0.31
VRAC	103.9	320	Pg	13:09:18.89	0.27
MORC	132.2	1	Pn	13:09:23.49	-0.09
			Sn	09:40.74	-1.18
CONA	142.0	239	Pn	13:09:24.62	-0.18
			Sn	09:43.15	-0.94

586.

2018-06-15 time: 17:30:43.90 UTC ML= 1.8
 lat: 47.941N lon: 16.435E h= 11.3 km
 erh= 1.9km erz= 1.7km
 nr= 22 gap= 91 rms=0.80
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	28.8	201	Pg	17:30:49.55	0.13
			Sg	30:53.12	-0.60
SOP	30.1	162	PgD	17:30:50.17	0.53
			Sg	30:53.83	-0.29
CONA	42.8	268	Pg	17:30:51.85	0.04
			Sg	30:57.52	-0.46
ZST	57.3	60	Pg	17:30:54.71	0.38
			Sg	31:02.76	0.30
EGYH	89.1	131	Pg	17:31:00.53	0.60
			Sg	31:11.51	-0.92
ARSA	102.9	222	P*	17:31:01.74	-0.51
			S*	31:14.47	-2.09
MPLH	119.4	136	Sn	17:31:20.07	-0.29
KRUC	124.7	359	Pn	17:31:05.00	-0.04

Hypocenter Parameters

		Sn	31:19.76	-1.77	
PKST	142.2	122	Sn	17:31:26.69	1.27
VRAC	152.5	4	Pn	17:31:08.67	0.16
			Sn	31:26.74	-0.96
MOA	162.5	266	Pn	17:31:10.72	0.97
			Sn	31:31.11	1.19
BIOA	211.3	262	Pn	17:31:19.00	3.16
			Sn	31:42.65	1.91

587.

2018-06-15 time: 19:17:18.92 UTC ML= 1.4
 lat: 46.473N lon: 17.111E h= 12.6 km
 erh= 1.7km erz= 1.8km
 nr= 16 gap=109 rms=0.49
 Locality: Zalaszentjakab
 Comments:

sta	dist	azm	phase	hr mn sec	res
A263	24.3	40	Pg	19:17:24.19	0.37
			Sg	17:28.11	0.47
BEHE	25.8	269	Pg	19:17:24.06	0.01
			Sg	17:27.70	-0.35
A264	37.4	158	Pg	19:17:25.32	-0.65
A265	52.9	96	Pg	19:17:29.41	0.78
A261	53.4	3	Pg	19:17:28.29	-0.42
KOGS	66.2	268	Pg	19:17:31.54	0.59
			Sg	17:40.19	-0.15
MPLH	84.1	23	Pg	19:17:33.67	-0.45
KOVH	87.4	119	Pg	19:17:34.86	0.18
			Sg	17:45.44	-1.54
PKSV	109.4	126	Pn	19:17:38.74	0.76
PKST	112.2	39	Pn	19:17:38.24	-0.09
PKSM	121.3	104	Pn	19:17:39.12	-0.35
MORH	121.4	104	Pn	19:17:39.21	-0.27

588.

2018-06-16 time: 7:35:33.27 UTC ML= 2.4
 lat: 45.941N lon: 16.067E h= 5.4 km
 erh= 1.4km erz= 1.4km
 nr= 46 gap= 58 rms=0.69
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	9.6	242	PgD	7:35:35.05	-0.19
			Sg	35:36.63	-0.15
ZAG	13.7	204	PgD	7:35:36.09	0.19
			Sg	35:38.90	0.95
GCIS	35.1	256	iPgD	7:35:39.76	0.16
			iSg	35:44.48	-0.07
GOLS	35.2	283	iPg	7:35:39.99	0.37
			iSg	35:45.12	0.55
CESS	46.9	274	iPg	7:35:42.35	0.65
			iSg	35:48.51	0.22
CRES	49.1	255	iPgD	7:35:41.93	-0.15
			iSg	35:49.00	0.04
DOBS	51.7	297	iPg	7:35:42.95	0.39
LEGS	58.1	271	iPgD	7:35:43.76	0.07
			iSg	35:51.20	-0.62
KOGS	58.1	14	Pg	7:35:43.77	0.08
			Sg	35:50.98	-0.84
GROS	72.4	323	Pg	7:35:46.19	-0.04
			Sg	35:55.11	-1.23
BOJS	79.9	233	iPg	7:35:46.98	-0.59
BEHE	80.3	43	Pg	7:35:48.69	1.05
			Sg	35:58.32	-0.53
PDKS	83.9	279	iPg	7:35:48.12	-0.16
VISS	96.5	261	iPg	7:35:49.81	-0.72
GBRS	107.9	245	iPg	7:35:51.78	-0.78
SOKA	114.3	316	Pg	7:35:52.99	-0.70
			Sg	36:07.41	-2.22
OBKA	133.1	298	Pn	7:35:57.16	0.97
			Sn	36:13.67	-0.41

Földrengés paraméterek

ARSA	151.4	344	Pn	7:35:59.37	0.89
			Sn	36:17.50	-0.65
KOVH	158.3	84	Sn	7:36:19.03	-0.65
BLY	158.8	147	Pn	7:35:58.65	-0.76
PKSV	169.6	92	Sn	7:36:21.42	-0.78
EGYH	190.5	31	Sn	7:36:26.05	-0.78
RONA	196.3	5	Pn	7:36:05.09	1.01
			Sn	36:31.03	2.92
SOP	197.3	11	Pn	7:36:04.69	0.49
PKSM	201.4	81	Pn	7:36:05.36	0.64
MYKA	202.0	292	Pn	7:36:06.27	1.48
			Sn	36:34.57	5.20*
PKB4	205.2	73	Pn	7:36:04.21	-0.98
CONA	221.5	356	Pn	7:36:07.92	0.70
			Sn	36:34.43	0.73
KBA	244.2	301	Pn	7:36:11.88	1.83
			Sn	36:44.74	5.99*
MOA	252.7	327	Pn	7:36:12.89	1.78
			Sn	36:41.33	0.70

589.

2018-06-16 time: 22:28:26.67 UTC ML= 0.3
 lat: 47.383N lon: 18.231E h= 3.4 km
 erh= 3.8km erz= 2.8km
 nr= 6 gap=218 rms=0.15
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	3.1	135	Pg	22:28:27.69	0.19
			Sg	28:28.12	-0.02
PKSG	12.1	85	Pg	22:28:28.94	0.03
			Sg	28:30.24	-0.42
PKST	20.3	227	Pg	22:28:30.36	0.02
			Sg	28:33.15	-0.06

590.

2018-06-18 time: 7:54:03.36 UTC ML= 1.2
 lat: 47.339N lon: 18.470E h= 0.0 km
 erh= 1.5km erz= 2.5km
 nr= 9 gap=162 rms=0.26
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.4	315	PgU	7:54:05.15	0.29
			Sg	54:05.64	-0.39
CSKK	16.1	280	PgU	7:54:06.41	0.18
			Sg	54:08.20	-0.26
PKST	34.1	255	Pg	7:54:09.79	0.34
			Sg	54:14.07	-0.13
MORH	125.5	174	Sg	7:54:43.10	-0.16
PKSM	125.9	174	Sg	7:54:43.30	-0.09
VYHS	131.3	12	Sn	7:54:44.79	-0.24

591.

2018-06-18 time: 8:45:09.24 UTC ML= 1.7
 lat: 48.602N lon: 20.764E h= 0.0 km
 erh= 2.0km erz= 3.6km
 nr= 11 gap= 86 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.5	237	Pg	8:45:13.89	0.28
			Sg	45:16.52	-0.50
ABAH	48.9	134	Sg	8:45:24.14	-0.65
CRVS	61.2	57	ePg	8:45:21.00	0.83
STHS	97.2	21	ePg	8:45:26.60	0.01
			eSg	45:39.10	-1.03
PSZ	99.7	220	Pg	8:45:27.46	0.40
LANS	113.0	303	Pg	8:45:29.57	0.15

Földrengés paraméterek

Hypocenter Parameters

KOLS 116.9 72 Sg 8:45:45.85 -0.54
 VYHS 142.9 265 Pn 8:45:34.42 0.33
 Sn 45:52.15 -1.32

Sg 54:54.18 0.05
 PKSG 19.1 27 Pg 9:54:51.83 0.12
 Sg 54:54.04 -0.33

592.

2018-06-18 time: 10:01:12.69 UTC ML= 1.8
 lat: 48.168N lon: 16.857E h= 0.0 km
 erh= 2.0km erz= 3.6km
 nr= 9 gap=122 rms=0.52
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	18.5	80	Pg	10:01:16.01	0.01
			Sg	01:18.19	-0.39
SOP	58.3	203	Pg	10:01:22.65	-0.46
CONA	78.8	250	Sg	10:01:37.86	0.10
KRUC	105.1	341	Sg	10:01:46.59	0.49
VRAC	128.3	351	Pg	10:01:35.98	0.37
			Sg	01:52.47	-1.01
ARSA	142.9	224	Pn	10:01:38.50	0.95
			Sn	01:56.62	-0.31

593.

2018-06-18 time: 10:03:30.14 UTC ML= 1.1
 lat: 47.545N lon: 18.478E h= 0.0 km
 erh= 3.9km erz= 609km
 nr= 8 gap=148 rms=0.43
 Locality: Szárliget
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	18.2	201	Pg	10:03:34.03	0.63
			Sg	03:36.19	0.25
CSKK	26.0	219	Pg	10:03:35.12	0.33
			Sg	03:37.99	-0.42
PKST	46.2	227	Pg	10:03:38.20	-0.19
			Sg	03:44.10	-0.72
VYHS	108.9	14	Pg	10:03:49.85	0.26
PSZ	114.1	69	Pg	10:03:50.04	-0.47

594.

2018-06-19 time: 7:00:22.90 UTC ML= 0.9
 lat: 47.308N lon: 18.287E h= 7.4 km
 erh=11.4km erz=10.0km
 nr= 7 gap=127 rms=0.27
 Locality: Söréd
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	6.5	342	PgU	7:00:24.73	0.08
			Sg	00:25.52	-0.50
PKSG	12.2	40	Pg	7:00:25.86	0.41
			Sg	00:27.25	-0.19
PKST	19.8	254	PgD	7:00:26.81	0.13
			Sg	00:29.58	-0.05
MORH	124.4	167	Sn	7:01:01.10	-0.25

595.

2018-06-19 time: 9:54:48.30 UTC ML= 0.8
 lat: 47.239N lon: 18.275E h= 0.0 km
 erh= 2.2km erz= 305km
 nr= 6 gap=250 rms=0.18
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	13.9	356	Pg	9:54:50.96	0.19
			Sg	54:52.76	0.06
PKST	18.3	277	Pg	9:54:51.38	-0.19

596.

2018-06-20 time: 6:45:40.73 UTC ML= 1.7
 lat: 48.434N lon: 17.210E h= 0.0 km
 erh= 2.0km erz= 3.7km
 nr= 8 gap=136 rms=0.48
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	18.4	61	Pg	6:45:43.96	-0.05
			Sg	45:46.33	-0.25
ZST	27.7	197	Pg	6:45:45.81	0.14
			Sg	45:49.40	-0.12
KRUC	92.0	319	Sg	6:46:10.54	0.57
CONA	115.0	241	Pg	6:46:01.70	0.44
			Sg	46:15.55	-1.73
MORC	151.3	9	Sn	6:46:26.52	-0.30

597.

2018-06-20 time: 6:56:14.89 UTC ML= 1.3
 lat: 47.375N lon: 18.382E h= 0.0 km
 erh= 4.0km erz= 397km
 nr= 6 gap=225 rms=0.24
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	2.0	19	PgU	6:56:15.14	-0.10
			Sg	56:15.41	-0.11
CSKK	9.3	262	PgU	6:56:16.45	-0.10
			Sg	56:18.08	0.23
PKST	29.3	244	Pg	6:56:20.51	0.38
			Sg	56:23.86	-0.35

598.

2018-06-20 time: 8:05:16.31 UTC ML= 1.6
 lat: 48.574N lon: 20.811E h= 0.0 km
 erh= 1.6km erz= 2.2km
 nr= 13 gap=112 rms=0.51
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	26.1	247	Pg	8:05:21.22	0.24
			Sg	05:24.58	-0.03
ABAH	44.3	134	Pg	8:05:24.85	0.63
			Sg	05:30.29	-0.10
CRVS	60.1	53	Sg	8:05:35.31	-0.11
STHS	98.9	19	ePg	8:05:34.30	0.33
PSZ	99.8	223	Pg	8:05:34.44	0.31
			Sg	05:47.32	-0.71
KOLS	114.7	70	Sg	8:05:50.61	-2.15
TRPA	137.2	111	Pn	8:05:40.50	0.04
			Sn	05:58.68	-0.61
VYHS	146.2	266	ePn	8:05:41.60	0.03
			eSn	05:59.50	-1.77

599.

2018-06-20 time: 8:24:28.36 UTC ML= 1.6
 lat: 45.546N lon: 17.569E h= 10.0 km
 erh= 4.2km erz= 2.4km
 nr= 9 gap=151 rms=0.56
 Locality: Croatia
 Comments:

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
KOVH	73.1	34	Pg	8:24:41.74	0.21
			Sg	24:51.59	-0.21
BLY	93.6	199	Pg	8:24:44.82	-0.34
PKSM	111.4	48	Pn	8:24:48.49	0.49
			Sn	25:02.75	-0.58
MORH	111.9	48	Pn	8:24:48.56	0.50
			Sn	25:02.58	-0.85
CRES	167.5	281	Pn	8:24:55.94	0.95
			Sn	25:14.89	-0.88

600.

2018-06-20 time: 10:51:30.78 UTC ML= 0.7
 lat: 47.228N lon: 18.278E h= 0.0 km
 erh= 1.2km erz= 161km
 nr= 6 gap=255 rms=0.09
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	15.1	355	Pg	10:51:33.49	0.01
			Sg	51:35.69	0.11
PKST	18.8	281	Pg	10:51:34.09	-0.04
			Sg	51:36.69	-0.05
PKSG	20.1	25	Pg	10:51:34.47	0.10
			Sg	51:36.97	-0.20

601.

2018-06-21 time: 7:48:30.56 UTC ML= 1.2
 lat: 48.520N lon: 17.465E h= 0.0 km
 erh= 2.2km erz= 3.8km
 nr= 8 gap=144 rms=0.66
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	2.7	256	Pg	7:48:31.45	0.41
			Sg	48:32.02	0.60
ZST	44.9	217	Sg	7:48:44.96	0.14
KRUC	99.0	307	Pg	7:48:47.98	-0.26
			Sg	49:01.94	-0.09
VYHS	101.4	92	Pg	7:48:49.42	0.76
			Sg	49:01.87	-0.92
CONA	136.1	241	Sn	7:49:11.81	-1.46

602.

2018-06-21 time: 9:27:02.03 UTC ML= 1.1
 lat: 47.203N lon: 18.309E h= 0.0 km
 erh= 4.6km erz= 672km
 nr= 7 gap=250 rms=0.44
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.2	348	Pg	9:27:05.03	-0.26
			Sg	27:07.80	-0.02
PKST	21.7	287	Pg	9:27:05.58	-0.33
			Sg	27:08.40	-0.53
PKSG	21.9	16	Pg	9:27:06.03	0.08
			Sg	27:09.53	0.53
MPLH	58.4	266	Sg	9:27:21.65	1.05

603.

2018-06-21 time: 9:29:27.47 UTC ML= 1.7
 lat: 46.866N lon: 17.404E h= 0.0 km
 erh= 1.7km erz= 560km
 nr= 9 gap=135 rms=0.42
 Locality: Raposka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	35.4	17	Pg	9:29:34.52	0.73
			Sg	29:38.13	-0.59
PKST	64.8	48	Pg	9:29:38.64	-0.41
PKSG	95.0	52	Pg	9:29:44.87	0.44
			Sg	29:57.53	-0.14
KOGS	99.8	242	Sg	9:29:58.92	-0.26
KOVH	101.6	148	Pg	9:29:45.87	0.26
			Sg	29:59.47	-0.28
MORH	119.4	127	Sg	9:30:05.25	-0.18

604.

2018-06-22 time: 7:17:43.76 UTC ML= 1.4
 lat: 47.359N lon: 18.442E h= 0.0 km
 erh= 2.5km erz= 286km
 nr= 5 gap=297 rms=0.13
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	5.3	313	PgU	7:17:44.90	0.18
			Sg	17:45.37	-0.09
CSKK	13.8	272	Pg	7:17:46.03	-0.19
			Sg	17:48.18	0.04
PKST	32.8	250	Pg	7:17:49.66	0.04

605.

2018-06-22 time: 8:18:52.40 UTC ML= 1.5
 lat: 48.451N lon: 18.751E h= 0.0 km
 erh= 2.4km erz= 742km
 nr= 9 gap=147 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	7.9	53	PgU	8:18:53.61	-0.19
			Sg	18:55.04	0.14
A336	30.4	143	Pg	8:18:57.42	-0.41
			Sg	19:03.35	1.29
PENC	83.4	152	Sg	8:19:18.59	-0.32
PSZ	103.6	125	Pg	8:19:10.67	-0.23
			Sg	19:25.19	-0.14
MODS	109.5	265	ePg	8:19:12.70	0.75
			eSg	19:25.90	-1.29

606.

2018-06-22 time: 11:50:32.16 UTC ML= 1.9
 lat: 45.776N lon: 16.025E h= 8.6 km
 erh= 1.7km erz= 1.3km
 nr= 14 gap=136 rms=0.39
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
ZAG	6.4	338	Pg	11:50:33.94	-0.14
			Sg	50:36.27	0.70
PTJ	14.8	339	Pg	11:50:34.72	-0.50
			Sg	50:37.27	-0.33
GCIS	32.6	288	iPg	11:50:38.25	0.08
			iSg	50:43.20	0.34
CRES	44.5	277	Pg	11:50:39.98	-0.28
			Sg	50:46.70	0.12
KOGS	76.8	13	Pg	11:50:46.37	0.41
			Sg	50:56.97	0.26
GROS	86.3	332	Sg	11:50:58.20	-1.52
BEHE	96.6	37	Sg	11:51:02.44	-0.54
OBKA	140.2	306	Sn	11:51:14.12	0.27
BLY	145.9	141	Sn	11:51:15.24	0.13

Földrengés paraméterek

Hypocenter Parameters

607.

2018-06-23 time: 9:13:52.41 UTC ML= 0.4
 lat: 46.171N lon: 18.296E h= 0.0 km
 erh= 1.6km erz= 305km
 nr= 7 gap=201 rms=0.21
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.7	239	Pg	9:13:55.43	-0.14
			Sg	13:58.02	-0.02
PKSM	27.1	80	Pg	9:13:57.23	-0.01
			Sg	14:00.41	-0.60
MORH	27.4	80	Pg	9:13:57.46	0.16
			Sg	14:01.33	0.22
PKSV	31.6	186	Sg	9:14:02.59	0.14

608.

2018-06-23 time: 9:21:44.49 UTC ML= 0.6
 lat: 46.175N lon: 18.294E h= 0.0 km
 erh= 1.0km erz= 186km
 nr= 8 gap=203 rms=0.13
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.8	237	Pg	9:21:47.58	-0.09
			Sg	21:50.14	-0.01
PKSM	27.2	81	Pg	9:21:49.41	0.07
			Sg	21:52.93	-0.19
MORH	27.4	80	Pg	9:21:49.66	0.27
			Sg	21:53.08	-0.13
PKSV	32.0	186	Pg	9:21:50.16	-0.04
			Sg	21:54.73	0.07

609.

2018-06-23 time: 18:32:08.80 UTC ML= 1.8
 lat: 46.166N lon: 16.047E h= 13.2 km
 erh= 1.2km erz= 1.0km
 nr= 32 gap= 86 rms=0.49
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	30.4	193	Pg	18:32:14.86	0.15
			Sg	32:18.74	-0.59
KOGS	35.0	27	iPg	18:32:15.90	0.41
			iSg	32:20.67	-0.03
GOLS	37.0	242	iPg	18:32:15.99	0.18
ZAG	37.7	186	Pg	18:32:16.50	0.57
			Sg	32:21.76	0.27
DOBS	44.7	268	iPg	18:32:17.07	-0.05
			iSg	32:23.14	-0.47
GCIS	46.5	224	iPg	18:32:17.45	0.02
CESS	50.0	245	iPg	18:32:18.25	0.21
GROS	53.3	308	iPg	18:32:18.48	-0.12
			Pg	18:32:19.91	0.26
CRES	59.3	230	Sg	32:27.56	-0.56
			iPg	18:32:20.05	0.04
LEGS	61.4	247	Pg	18:32:22.17	1.44
			Sg	32:29.28	-0.75
PKDS	82.0	262	iPg	18:32:23.41	-0.21
PERS	88.6	306	P*	18:32:23.91	-0.87
			S*	32:37.64	0.39
SOKA	96.6	306	P*	18:32:25.22	-0.77
			S*	32:37.68	-1.73
VISS	101.9	247	iP*	18:32:26.45	-0.36
VNDS	104.3	266	iPn	18:32:26.94	-0.20
OBKA	121.5	288	Pn	18:32:30.46	1.17
			Sn	32:46.03	0.75
MOZS	124.6	277	iPn	18:32:30.16	0.49
ARSA	127.0	342	Pn	18:32:30.31	0.33

			Sn	32:46.26	-0.24
KOVH	158.9	93	Pn	18:32:33.87	-0.08
PKSV	173.5	100	Pn	18:32:35.69	-0.08
MORH	200.6	88	Pn	18:32:37.55	-1.60

610.

2018-06-25 time: 7:16:11.47 UTC ML= 1.5
 lat: 48.674N lon: 18.539E h= 0.0 km
 erh= 3.7km erz= 3.7km
 nr= 7 gap=267 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	29.7	132	Pg	7:16:17.12	0.34
			Sg	16:21.29	0.37
A336	59.7	145	Pg	7:16:22.56	0.42
			Sg	16:29.94	-0.51
LANS	86.3	52	Pg	7:16:26.68	-0.20
			Sg	16:38.85	-0.04
PSZ	131.1	130	Sn	7:16:51.28	-1.81

611.

2018-06-25 time: 8:08:20.49 UTC ML= 1.2
 lat: 48.587N lon: 20.772E h= 0.0 km
 erh= 1.3km erz= 1.8km
 nr= 16 gap= 88 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.1	241	Pg	8:08:25.25	0.46
			Sg	08:28.27	0.12
ABAH	47.4	133	Pg	8:08:29.25	0.30
			Sg	08:35.38	-0.16
CRVS	61.6	55	ePg	8:08:32.00	0.50
			eSg	08:39.80	-0.29
STHS	98.5	21	ePg	8:08:38.00	-0.09
			eSg	08:50.40	-1.41
PSZ	98.9	221	Pg	8:08:38.50	0.36
			Sg	08:51.19	-0.72
LANS	114.4	303	ePg	8:08:40.90	-0.02
KOLS	116.9	71	eSg	8:08:58.00	0.35
A336	137.0	253	Sn	8:09:02.42	-1.00
TRPA	140.5	111	Sn	8:09:02.32	-1.86
VYHS	143.3	266	Pn	8:08:45.70	0.30
			Sn	09:04.26	-0.56

612.

2018-06-25 time: 8:46:54.85 UTC ML= 1.1
 lat: 47.111N lon: 18.076E h= 0.0 km
 erh= 2.3km erz= 677km
 nr= 8 gap=130 rms=0.48
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.7	349	Pg	8:46:57.35	-0.48
			Sg	46:59.15	-1.01
CSKK	31.3	27	Sg	8:47:05.45	0.67
MPLH	41.2	279	Pg	8:47:02.96	0.75
			Sg	47:07.87	-0.08
MORH	108.6	156	Pg	8:47:14.35	0.10
PKSM	109.0	157	Pg	8:47:14.28	-0.02
KOVH	113.8	179	Pg	8:47:15.01	-0.15

Hypocenter Parameters

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613.

2018-06-25 time: 9:33:21.23 UTC ML= 1.6
 lat: 45.960N lon: 18.618E h= 1.4 km
 erh= 3.0km erz=42.6km
 nr= 14 gap=209 rms=0.57
 Locality: Nagynyárád
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSM	28.0	4	Pg	9:33:26.16	-0.08
			Sg	33:29.57	-0.58
MORH	28.5	4	Pg	9:33:26.25	-0.07
			Sg	33:29.66	-0.64
PKSV	29.4	254	Pg	9:33:25.99	-0.50
			Sg	33:30.95	0.35
KOVH	42.5	290	Pg	9:33:28.84	0.01
			Sg	33:33.90	-0.86
PKB5	71.1	7	Pg	9:33:35.15	1.21
			Sg	33:44.51	0.66
PKS9	74.4	339	Pg	9:33:35.20	0.68
PKB1	92.6	8	Pg	9:33:38.22	0.45
			Sg	33:50.12	-0.54
PKS6	101.9	46	Pg	9:33:39.02	-0.41

614.

2018-06-25 time: 10:00:43.93 UTC ML= 1.5
 lat: 48.156N lon: 16.907E h= 0.0 km
 erh= 1.9km erz= 3.1km
 nr= 20 gap= 87 rms=0.91
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	15.2	73	Pg	10:00:47.29	0.65
			Sg	00:49.12	0.36
MODS	36.6	49	ePg	10:00:50.70	0.23
			eSg	00:56.00	0.43
RONA	68.3	222	Pg	10:00:56.28	0.16
			Sg	01:04.95	-0.68
CONA	82.0	252	Pg	10:00:59.60	1.03
			Sg	01:09.43	-0.57
EGYH	88.1	159	Sg	10:01:11.56	-0.37
KRUC	107.6	339	Pg	10:01:03.67	0.52
			Sg	01:18.02	-0.11
A338	108.8	98	Sg	10:01:18.69	0.18
MPLH	119.4	157	Sg	10:01:21.19	-0.71
VRAC	130.2	350	Pg	10:01:06.78	-0.41
			Sg	01:23.77	-1.55
PKST	130.8	140	Sn	10:01:22.96	-2.52
CSKK	134.4	131	Sn	10:01:23.47	-2.81
ARSA	144.7	226	Pn	10:01:10.35	1.34
VYHS	147.9	75	Pn	10:01:10.39	0.98
			Sn	01:28.67	-0.61

615.

2018-06-26 time: 7:35:19.94 UTC ML= 1.7
 lat: 47.332N lon: 18.427E h= 0.0 km
 erh= 1.5km erz= 295km
 nr= 6 gap=195 rms=0.18
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.2	338	PgU	7:35:21.27	0.05
			Sg	35:21.81	-0.41
CSKK	13.0	285	Pg	7:35:22.50	0.23
			Sg	35:24.04	-0.04
MORH	125.2	172	Sg	7:35:59.69	-0.05
PKSM	125.6	173	Sg	7:35:59.86	-0.01

616.

2018-06-26 time: 8:02:22.81 UTC ML= 1.4
 lat: 48.614N lon: 20.763E h= 0.0 km
 erh= 2.7km erz= 3.5km
 nr= 9 gap=130 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.1	235	Pg	8:02:27.39	0.09
			Sg	02:30.00	-0.79
ABAH	49.9	135	Sg	8:02:38.95	0.28
PSZ	100.7	220	Pg	8:02:41.58	0.79
			Sg	02:54.29	-0.53
LANS	112.2	302	Pg	8:02:43.04	0.19
KOLS	116.5	72	Sg	8:02:58.62	-1.24
VYHS	142.9	265	Pn	8:02:47.99	0.33
			Sn	03:06.93	-0.12

617.

2018-06-26 time: 9:10:41.88 UTC ML= 0.7
 lat: 47.201N lon: 18.286E h= 0.0 km
 erh= 0.9km erz= 293km
 nr= 9 gap=146 rms=0.22
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.1	354	Pg	9:10:45.17	0.05
			Sg	10:47.12	-0.52
PKST	20.1	289	Pg	9:10:45.76	0.29
			Sg	10:48.08	-0.20
PKSG	22.7	20	Pg	9:10:45.83	-0.09
			Sg	10:49.40	0.32
MORH	112.9	166	Sg	9:11:17.84	0.08
PKSM	113.3	166	Pg	9:11:02.09	-0.01
			Sg	11:17.70	-0.18

618.

2018-06-26 time: 10:51:19.29 UTC ML= 2.1
 lat: 48.235N lon: 21.237E h= 0.0 km
 erh= 1.8km erz= 593km
 nr= 11 gap=154 rms=0.48
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	6.8	2	Pg	10:51:20.55	0.05
			Sg	51:21.73	0.28
KECS	62.2	296	Pg	10:51:30.52	0.13
			Sg	51:38.45	-0.59
CRVS	76.0	13	ePg	10:51:33.30	0.43
TRPA	97.5	97	Pg	10:51:36.68	-0.02
			Sg	51:49.49	-0.80
PSZ	106.0	251	Pg	10:51:38.90	0.68
KOLS	109.0	45	Sg	51:52.51	-0.48
			Pg	10:51:39.06	0.31
			Sg	51:52.85	-1.08

619.

2018-06-26 time: 12:01:22.05 UTC ML= 1.9
 lat: 48.415N lon: 17.212E h= 0.0 km
 erh= 1.4km erz= 1.7km
 nr= 21 gap= 78 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	19.4	56	Pg	12:01:25.09	-0.42
			Sg	01:28.71	0.49

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ZST	25.7	198	Pg	12:01:26.92	0.28
			Sg	01:30.49	0.28
KRUC	93.7	320	Pg	12:01:39.03	0.25
			Sg	01:52.15	0.32
SOP	94.9	211	Pg	12:01:39.63	0.64
			Sg	01:52.36	0.16
A338	95.7	118	Pg	12:01:40.61	1.47
VRAC	109.2	335	Pg	12:01:41.74	0.19
CONA	114.1	242	Pg	12:01:41.92	-0.51
			Sg	01:56.58	-1.74
VYHS	120.5	86	Pg	12:01:42.67	-0.89
			Sg	01:59.45	-0.89
A336	134.1	99	Sn	12:02:03.75	-0.57
MPLH	140.6	170	Pn	12:01:47.11	0.50
			Sn	02:05.11	-0.66
PKST	142.5	154	Sn	12:02:05.76	-0.45
PKSG	143.9	142	Sn	12:02:06.77	0.26
MORC	153.3	9	Pn	12:01:47.99	-0.21
			Sn	02:08.67	0.07

620.

2018-06-26 time: 13:17:08.36 UTC ML= 1.6
 lat: 48.280N lon: 18.562E h= 0.0 km
 erh= 1.9km erz= 7.3km
 nr= 15 gap=118 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	31.3	40	PgU	13:17:13.85	-0.10
			Sg	17:17.40	-0.90
A336	32.8	99	Pg	13:17:14.69	0.46
			Sg	17:19.26	0.46
PENC	76.4	135	Pg	13:17:22.56	0.55
			Sg	17:32.57	-0.09
MODS	95.9	276	ePg	13:17:26.50	1.02
			eSg	17:38.60	-0.23
PKSG	99.6	187	Sg	13:17:39.63	-0.39
CSKK	104.4	192	Sg	13:17:41.04	-0.51
PSZ	107.1	112	Pg	13:17:28.35	0.87
			Sg	17:41.44	-0.96
LANS	117.5	35	Pg	13:17:28.34	-1.01
PKST	120.2	199	Sg	13:17:45.51	-1.07
NIE	180.4	45	Pn	13:17:38.53	0.64

621.

2018-06-26 time: 22:54:56.04 UTC ML= 0.2
 lat: 47.354N lon: 18.262E h= 2.3 km
 erh= 4.0km erz= 2.3km
 nr= 6 gap=172 rms=0.08
 Locality: Csókakő
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	1.0	353	Pg	22:54:56.52	0.03
			Sg	54:56.80	-0.04
PKSG	10.6	67	Pg	22:54:57.93	-0.05
			Sg	54:59.59	0.10
PKST	20.2	238	Pg	22:54:59.57	-0.11
			Sg	55:02.64	0.13

622.

2018-06-27 time: 7:59:03.19 UTC ML= 1.3
 lat: 47.031N lon: 18.005E h= 0.0 km
 erh= 1.1km erz= 396km
 nr= 11 gap=116 rms=0.32
 Locality: Balatonfűzfő
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
TIH	16.9	210	Pg	7:59:06.33	0.13
PKST	25.5	5	Pg	7:59:07.74	0.00

Hypocenter Parameters

			Sg	59:12.09	0.80
MPLH	38.6	294	Pg	7:59:10.05	-0.03
			Sg	59:15.23	-0.23
CSKK	41.7	28	Pg	7:59:10.50	-0.14
			Sg	59:16.63	0.18
PKSG	49.6	36	Sg	7:59:17.86	-1.12
MORH	103.0	152	Pg	7:59:21.70	0.12
PKSM	103.3	152	Pg	7:59:21.79	0.15
			Sg	59:35.55	-0.47

623.

2018-06-27 time: 8:31:57.04 UTC ML= 1.4
 lat: 48.670N lon: 18.074E h= 0.0 km
 erh= 4.1km erz= 6.3km
 nr= 8 gap=127 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A337	51.8	204	Pg	8:32:06.41	0.11
VYHS	59.5	109	Pg	8:32:08.59	0.92
			Sg	32:15.13	-0.84
A336	83.9	125	Sg	8:32:23.17	-0.55
MORC	129.0	343	Pg	8:32:21.30	1.22
			Sg	32:37.81	-0.24
VRAC	129.5	303	Sg	8:32:36.98	-1.23
KRUC	130.7	289	Sn	8:32:38.05	-0.51

624.

2018-06-27 time: 9:11:08.25 UTC ML= 1.3
 lat: 48.544N lon: 20.781E h= 0.0 km
 erh= 3.2km erz= 3.4km
 nr= 11 gap=114 rms=0.79
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.8	253	Pg	9:11:13.23	0.90
			Sg	11:15.55	0.04
CRVS	64.0	52	ePg	9:11:19.90	0.23
PSZ	95.8	223	Pg	9:11:26.30	0.94
			Sg	11:37.55	-1.15
LANS	117.6	305	ePg	9:11:28.70	-0.55
			eSg	11:44.10	-1.53
KOLS	118.0	68	Sg	9:11:46.00	0.25
TRPA	138.3	109	Sn	9:11:50.61	-0.84
VYHS	143.8	268	Pn	9:11:33.78	0.57
			Sn	11:51.40	-1.28

625.

2018-06-27 time: 10:05:59.54 UTC ML= 0.7
 lat: 47.209N lon: 18.402E h= 0.0 km
 erh= 5.2km erz= 925km
 nr= 7 gap=173 rms=0.61
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	20.2	328	Pg	10:06:02.72	-0.43
			Sg	06:04.65	-1.32
PKSG	20.4	358	Pg	10:06:03.33	0.15
			Sg	06:06.36	0.34
PKST	28.4	281	Pg	10:06:05.52	0.91
PKSM	112.3	171	Pg	10:06:19.79	0.19
			Sg	06:34.80	-0.45

Hypocenter Parameters

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626.
 2018-06-28 time: 5:53:06.13 UTC ML= 1.6
 lat: 47.339N lon: 18.427E h= 0.0 km
 erh= 1.0km erz= 251km
 nr= 7 gap=198 rms=0.17
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	6.5	335	Pg	5:53:07.38	0.10
			Sg	53:07.76	-0.42
CSKK	12.9	282	PgU	5:53:08.62	0.19
			Sg	53:10.20	-0.02
PKST	31.0	253	Sg	5:53:15.90	-0.09
MORH	126.0	172	Sg	5:53:46.19	0.02
PKSM	126.4	173	Sg	5:53:46.24	-0.06

627.
 2018-06-28 time: 6:12:49.56 UTC ML= 0.3
 lat: 47.382N lon: 18.242E h= 2.5 km
 erh= 0.9km erz= 0.8km
 nr= 5 gap=216 rms=0.02
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	2.6	147	Pg	6:12:50.20	0.01
			Sg	12:50.69	0.01
PKSG	11.3	85	Pg	6:12:51.64	0.02
			Sg	12:53.19	-0.03
PKST	20.9	229	Sg	6:12:56.22	-0.02

628.
 2018-06-28 time: 9:49:25.48 UTC ML= 1.0
 lat: 47.198N lon: 18.310E h= 0.0 km
 erh= 1.7km erz= 627km
 nr= 11 gap=151 rms=0.52
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.7	348	Pg	9:49:28.78	-0.04
			Sg	49:30.37	-1.06
PKST	22.0	288	Pg	9:49:29.23	-0.17
			Sg	49:32.34	-0.11
PKSG	22.4	16	Pg	9:49:29.68	0.21
			Sg	49:33.02	0.43
MPLH	58.5	267	Pg	9:49:36.30	0.38
			Sg	49:44.76	0.69
MORH	112.2	167	Sg	9:50:00.37	-0.75
PKSM	112.5	167	Pg	9:49:46.10	0.53
			Sg	50:00.37	-0.88

629.
 2018-06-28 time: 11:39:51.42 UTC ML= 1.6
 lat: 48.641N lon: 20.220E h= 0.0 km
 erh= 1.9km erz= 3.9km
 nr= 20 gap= 65 rms=0.89
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	26.3	132	Pg	11:39:56.74	0.62
			Sg	39:59.24	-0.55
LANS	79.0	316	Pg	11:40:05.86	0.33
			Sg	40:15.32	-1.22
PSZ	83.9	197	Pg	11:40:07.44	1.03
			Sg	40:18.77	0.67
ABAH	84.6	117	Pg	11:40:06.42	-0.11
			Sg	40:16.61	-1.70

NIE	86.7	5	Pg	11:40:07.63	0.72
			Sg	40:18.07	-0.92
CRVS	95.8	72	ePg	11:40:09.30	0.78
			eSg	40:20.40	-1.45
A336	101.1	243	Sg	11:40:22.75	-0.80
VYHS	103.4	261	Pg	11:40:10.64	0.75
			Sg	40:22.70	-1.60
STHS	114.2	41	ePg	11:40:12.60	0.79
PENC	117.5	216	Sg	11:40:27.58	-1.19
KOLS	154.3	78	eSn	11:40:37.50	-0.69
OJC	178.2	350	Pn	11:40:21.64	0.97
			Sn	40:43.01	-0.47

630.
 2018-06-29 time: 6:27:07.20 UTC ML= 1.4
 lat: 47.334N lon: 18.449E h= 0.0 km
 erh= 1.7km erz= 4.0km
 nr= 13 gap=114 rms=0.60
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.7	325	Pg	6:27:08.45	-0.13
			Sg	27:09.24	-0.42
CSKK	14.6	283	Pg	6:27:09.62	-0.18
			Sg	27:11.61	-0.22
PKST	32.4	255	Pg	6:27:13.29	0.30
			Sg	27:17.00	-0.51
MPLH	71.2	255	Pg	6:27:20.44	0.52
			Sg	27:30.72	0.89
MORH	125.3	173	Pg	6:27:30.56	0.99
			Sg	27:46.29	-0.72
PKSM	125.7	173	Sg	6:27:46.29	-0.86
PSZ	126.6	59	Sg	6:27:48.02	0.58
VYHS	132.1	13	Sn	6:27:47.92	-1.13

631.
 2018-06-29 time: 8:26:25.48 UTC ML= 1.6
 lat: 48.592N lon: 20.744E h= 0.0 km
 erh= 2.2km erz= 2.8km
 nr= 14 gap=149 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.6	238	Pg	8:26:30.22	0.71
			Sg	26:33.12	0.46
CRVS	63.0	57	ePg	8:26:37.10	0.37
			eSg	26:44.50	-1.01
PSZ	97.9	220	Pg	8:26:43.09	0.12
			Sg	26:56.22	-0.39
STHS	98.7	22	ePg	8:26:43.60	0.49
			eSg	26:55.60	-1.26
LANS	112.3	304	Pg	8:26:45.84	0.30
			Sg	27:00.19	-1.00
KOLS	118.7	71	eSg	8:27:02.70	-0.50
A336	135.2	253	Sn	8:27:06.76	-1.25
VYHS	141.3	266	Pn	8:26:50.93	0.80
			Sn	27:08.39	-0.97

632.
 2018-06-29 time: 9:54:10.76 UTC ML= 1.2
 lat: 48.511N lon: 17.478E h= 0.0 km
 erh= 1.2km erz= 1.5km
 nr= 9 gap=127 rms=0.58
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	3.6	275	Pg	9:54:11.34	-0.07
			Sg	54:12.07	0.15
ZST	44.7	218	Sg	9:54:25.05	0.08

Földrengés paraméterek

Hypocenter Parameters

VYHS 100.4 91 Pg 9:54:29.31 0.63
 KRUC 100.4 308 Sg 9:54:43.19 0.52
 VRAC 109.8 324 Sg 9:54:45.89 0.22
 CONA 136.5 242 Pn 9:54:34.57 -0.24
 Sn 54:52.51 -1.05
 MORC 140.9 2 Sn 9:54:52.61 -1.93

633.

2018-06-29 time: 11:03:38.84 UTC ML= 1.2
 lat: 47.996N lon: 20.378E h= 10.0 km
 erh= 3.3km erz=17.6km
 nr= 6 gap=194 rms=0.38
 Locality: Felsőtárkány
 Comments:

sta	dist	azm	phase	hr mn sec	res
PSZ	37.1	256	Pg	11:03:45.45	-0.25
			Sg	03:51.22	0.16
KECS	54.7	8	Pg	11:03:49.44	0.67
			Sg	03:56.11	-0.41
ABAH	72.3	63	Pg	11:03:51.93	0.06
			Sg	04:01.64	-0.39

634.

2018-07-01 time: 6:08:17.44 UTC ML= 1.0
 lat: 45.905N lon: 18.785E h= 10.9 km
 erh= 2.3km erz= 4.2km
 nr= 13 gap=130 rms=0.34
 Locality: Homorúd
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSM	35.8	342	Pg	6:08:24.38	0.25
			Sg	08:29.30	-0.05
MORH	36.2	342	Pg	6:08:24.43	0.23
			Sg	08:29.41	-0.05
PKSV	41.4	267	Pg	6:08:25.25	0.16
			Sg	08:30.55	-0.51
KOVH	56.9	291	Pg	6:08:28.29	0.51
			Sg	08:35.14	-0.71
PKB3	65.7	29	Pg	6:08:29.04	-0.30
PKB4	67.2	348	Sg	6:08:39.10	0.03
PKB1	97.7	0	Sg	6:08:48.80	0.11
FRGS	117.2	137	Pn	6:08:37.72	0.03
			Sn	08:51.04	-2.45*

635.

2018-07-01 time: 13:55:16.58 UTC ML= 2.0
 lat: 45.532N lon: 16.695E h= 4.3 km
 erh= 3.2km erz= 3.3km
 nr= 23 gap=133 rms=1.11
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	70.5	305	Pg	13:55:29.12	-0.08
			Sg	55:38.08	-0.96
BLY	95.1	156	Pg	13:55:34.18	0.61
			Sg	55:46.24	-0.59
CRES	101.9	289	Pg	13:55:34.56	-0.23
			Sg	55:47.84	-1.16
BEHE	104.5	3	Pg	13:55:36.13	0.87
			Sg	55:49.19	-0.64
KOVH	125.5	60	Pn	13:55:37.76	-0.94
			Sn	55:53.07	-2.89
PKSV	127.5	72	Pn	13:55:39.41	0.45
			Sn	55:54.71	-1.71
GROS	138.7	318	Pn	13:55:39.36	-0.99
			Sn	55:58.31	-0.58
PKSM	169.0	63	Pn	13:55:45.86	1.74
			Sn	56:06.43	0.82
MORH	169.3	63	Pn	13:55:45.86	1.69

OBKA 198.6 303 Pn 13:55:50.19 2.37
 Sn 56:14.66 2.47
 ARSA 211.3 335 Pn 13:55:49.24 -0.16
 RONA 243.0 353 Pn 13:55:54.35 1.00
 CONA 274.0 347 Pn 13:55:57.73 0.51
 DJES 469.7 102 Pn 13:56:23.02 1.39*

636.

2018-07-01 time: 17:36:45.10 UTC ML= 1.0
 lat: 45.836N lon: 16.021E h= 11.9 km
 erh= 2.9km erz= 2.3km
 nr= 7 gap=279 rms=0.28
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
ZAG	2.3	249	Pg	17:36:47.17	-0.09
			Sg	36:48.45	-0.49
PTJ	8.6	325	Pg	17:36:48.06	0.34
			Sg	36:50.10	0.34
CRES	43.9	269	Pg	17:36:53.25	0.03
			Sg	36:59.62	0.07
GROS	80.2	330	Sg	17:37:10.49	-0.39

637.

2018-07-02 time: 8:32:08.49 UTC ML= 1.2
 lat: 47.125N lon: 17.892E h= 0.0 km
 erh= 1.8km erz= 578km
 nr= 7 gap=128 rms=0.38
 Locality: Márkó
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.4	36	Pg	8:32:11.19	-0.58
			Sg	32:14.40	0.08
TIH	25.1	180	Pg	8:32:12.60	-0.36
			Sg	32:16.97	0.52
MPLH	27.2	281	Pg	8:32:13.53	0.18
			Sg	32:17.17	0.03
PKSG	48.0	52	Sg	8:32:24.23	0.49

638.

2018-07-02 time: 8:40:14.94 UTC ML= 1.6
 lat: 45.524N lon: 17.517E h= 15.2 km
 erh= 1.9km erz= 0.8km
 nr= 10 gap=277 rms=0.20
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	70.1	55	Pg	8:40:27.88	0.12
			Sg	40:38.13	0.38
KOVH	77.4	36	Pg	8:40:28.80	-0.22
			Sg	40:39.79	-0.21
PKSM	116.0	49	Pn	8:40:34.68	0.18
			Sn	40:49.36	-0.39
MORH	116.5	49	Pn	8:40:34.50	-0.05
			Sn	40:49.87	0.02
BEHE	119.8	331	Pn	8:40:34.91	-0.05
			Sn	40:50.81	0.23

639.

2018-07-02 time: 8:44:01.72 UTC ML= 0.5
 lat: 47.411N lon: 18.200E h= 0.1 km
 erh= 1.7km erz= 127km
 nr= 6 gap=242 rms=0.14
 Locality: Pusztavám
 Comments:

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
CSKK	7.0	139	Pg	8:44:03.00	0.04
			Sg	44:03.63	-0.31
PKSG	14.5	98	Pg	8:44:04.35	0.04
			Sg	44:06.20	-0.13
PKST	21.0	217	Pg	8:44:05.67	0.20
			Sg	44:08.38	-0.02

640.

2018-07-02 time: 13:04:08.07 UTC ML= 2.0
 lat: 48.313N lon: 21.500E h= 0.0 km
 erh= 3.7km erz= ***km
 nr= 9 gap=145 rms=0.75
 Locality: Hercegkút
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	19.4	264	Pg	13:04:12.52	0.98
			Sg	04:15.45	1.20
KECS	77.5	284	Pg	13:04:22.02	0.12
			Sg	04:31.59	-1.10
TRPA	79.8	105	Pg	13:04:21.93	-0.40
			Sg	04:33.46	0.01
KOLS	89.4	40	Pg	13:04:24.19	0.15
			Sg	04:36.45	-0.05
PSZ	127.4	250	Sg	13:04:47.00	-1.56

641.

2018-07-03 time: 6:23:55.74 UTC ML= 1.2
 lat: 47.356N lon: 18.399E h= 0.0 km
 erh= 1.7km erz= 223km
 nr= 6 gap=258 rms=0.14
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.0	350	PgU	6:23:56.38	-0.07
			Sg	23:56.93	-0.08
CSKK	10.5	274	Pg	6:23:57.86	0.24
			Sg	23:59.21	0.13
PKST	29.7	249	Pg	6:24:00.95	-0.08
			Sg	24:05.03	-0.14

642.

2018-07-03 time: 8:30:11.61 UTC ML= 1.9
 lat: 48.555N lon: 20.768E h= 0.0 km
 erh= 2.5km erz= 3.0km
 nr= 18 gap= 93 rms=0.96
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.3	249	Pg	8:30:16.51	0.91
			Sg	30:19.98	1.27
ABAH	45.2	129	Pg	8:30:20.70	1.01
			Sg	30:26.31	0.32
CRVS	64.0	53	ePg	8:30:23.40	0.36
			eSg	30:31.40	-0.56
PSZ	96.0	223	Pg	8:30:28.98	0.22
			Sg	30:40.45	-1.68
STHS	102.0	20	ePg	8:30:29.20	-0.63
			eSg	30:41.20	-2.83
LANS	116.2	305	Pg	8:30:32.13	-0.23
KOLS	118.4	69	Pg	8:30:33.96	1.20
			Sg	30:47.78	-1.48
A336	135.8	255	Pn	8:30:35.35	-0.23
			Sn	30:53.87	-0.40
TRPA	139.5	110	Sn	8:30:53.16	-1.94
VYHS	142.9	267	ePn	8:30:37.20	0.74
			eSn	30:54.40	-1.44

643.

2018-07-03 time: 9:10:47.07 UTC ML= 1.0
 lat: 47.577N lon: 16.349E h= 1.8 km
 erh= 2.2km erz= 3.4km
 nr= 13 gap= 91 rms=0.70
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	14.2	344	Pg	9:10:49.60	-0.03
			Sg	10:52.02	0.40
SOP	19.7	53	Pg	9:10:50.61	0.01
			Sg	10:52.44	-0.92
CONA	53.5	317	Pg	9:10:57.30	0.67
			Sg	11:03.51	-0.57
ARSA	72.1	240	Sg	9:11:08.98	-1.02
ZST	89.0	39	Sg	9:11:15.24	-0.12
MPLH	100.7	117	Sg	9:11:19.89	0.82
MODS	112.5	38	eSg	9:11:22.10	-0.73
GROS	139.8	207	Sn	9:11:29.34	-0.87
MOA	159.2	281	Pn	9:11:15.03	1.30
			Sn	11:35.29	0.77

644.

2018-07-03 time: 9:33:04.34 UTC ML= 1.0
 lat: 47.104N lon: 18.030E h= 0.0 km
 erh= 1.1km erz= 376km
 nr= 11 gap=114 rms=0.30
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.2	1	Pg	9:33:06.76	-0.65
			Sg	33:09.76	-0.05
TIH	25.0	205	Pg	9:33:09.03	0.23
CSKK	33.7	31	Pg	9:33:10.48	0.13
			Sg	33:15.21	0.17
MPLH	37.9	281	Pg	9:33:10.75	-0.36
			Sg	33:16.87	0.47
PKSG	42.0	40	Pg	9:33:11.76	-0.08
			Sg	33:18.14	0.44
MORH	109.4	155	Pg	9:33:23.72	-0.15
PKSM	109.7	155	Pg	9:33:24.00	0.08

645.

2018-07-03 time: 9:41:35.68 UTC ML= 1.0
 lat: 47.104N lon: 18.038E h= 0.0 km
 erh= 1.0km erz= 305km
 nr= 9 gap=125 rms=0.23
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.3	359	Pg	9:41:38.15	-0.61
			Sg	41:41.08	-0.09
TIH	25.2	206	Pg	9:41:40.06	-0.12
CSKK	33.4	30	Pg	9:41:41.88	0.24
			Sg	41:46.42	0.13
MPLH	38.6	281	Pg	9:41:42.63	0.06
MORH	109.0	155	Sg	41:48.13	0.19
			Pg	9:41:55.32	0.17
PKSM	109.3	155	Pg	9:41:55.09	-0.11

646.

2018-07-03 time: 10:43:29.30 UTC ML= 1.9
 lat: 48.168N lon: 21.275E h= 0.0 km
 erh= 6.0km erz= ***km
 nr= 5 gap=208 rms=0.46
 Locality: Mád
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
ABAH	14.4	350	Pg	10:43:32.14	0.26
			Sg	43:33.67	-0.22
KECS	68.2	301	Pg	10:43:42.04	0.56
			Sg	43:50.18	-0.80
TRPA	94.2	93	Sg	10:43:58.96	-0.28

647.

2018-07-03 time: 12:00:53.20 UTC ML= 0.8
 lat: 47.550N lon: 18.463E h= 0.0 km
 erh= 3.3km erz= 255km
 nr= 5 gap=182 rms=0.13
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	18.4	197	Pg	12:00:56.43	-0.07
			Sg	00:59.38	0.32
CSKK	25.8	216	Pg	12:00:57.70	-0.11
			Sg	01:01.37	-0.04
VYHS	108.6	15	Pg	12:01:12.64	0.05

648.

2018-07-03 time: 13:37:05.47 UTC ML= 1.0
 lat: 47.605N lon: 18.504E h= 0.0 km
 erh= 8.1km erz= 6.5km
 nr= 8 gap=208 rms=0.76
 Locality: Tarján
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	25.3	200	Pg	13:37:09.74	-0.24
			Sg	37:13.24	-0.25
CSKK	32.6	214	Pg	13:37:11.59	0.30
PKST	52.4	223	Pg	13:37:15.33	0.51
			Sg	37:22.22	0.11
PENC	61.9	71	Sg	13:37:26.52	1.39
PSZ	109.9	72	Sg	13:37:38.79	-1.60
MORH	154.9	176	Sn	13:37:51.23	-1.13

649.

2018-07-05 time: 7:12:21.00 UTC ML= 1.2
 lat: 47.337N lon: 18.435E h= 0.0 km
 erh= 1.6km erz= 3.5km
 nr= 10 gap=160 rms=0.32
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.0	331	Pg	7:12:22.20	-0.04
			Sg	12:23.00	-0.21
CSKK	13.5	282	Pg	7:12:23.41	0.00
			Sg	12:25.15	-0.15
PKST	31.5	254	Pg	7:12:27.22	0.59
			Sg	12:30.89	-0.13
MORH	125.6	173	Sg	7:13:00.98	0.05
PKSM	126.1	173	Sg	7:13:00.74	-0.33
VYHS	132.1	13	Pn	7:12:44.64	0.14
			Sn	13:01.12	-1.72

650.

2018-07-05 time: 8:18:50.00 UTC ML= 1.6
 lat: 48.633N lon: 18.558E h= 0.0 km
 erh= 8.7km erz=13.5km
 nr= 10 gap=157 rms=1.21
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	25.7	127	Pg	8:18:55.45	0.85
			Sg	18:58.35	0.17
A336	55.2	144	Pg	8:19:00.72	0.86
			Sg	19:07.54	-0.01
MODS	99.0	253	ePg	8:19:08.80	1.12
			eSg	19:22.70	1.24
A339	111.8	217	Pg	8:19:09.14	-0.82
PSZ	127.1	129	Sg	8:19:27.72	-2.70
MORC	147.1	330	Pn	8:19:15.03	-0.35
			Sn	19:32.02	-3.16

651.

2018-07-05 time: 9:19:48.61 UTC ML= 0.9
 lat: 46.169N lon: 18.293E h= 0.0 km
 erh= 1.0km erz= 191km
 nr= 7 gap=200 rms=0.13
 Locality: Zobákpusztá
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.4	239	Pg	9:19:51.61	-0.10
			Sg	19:54.38	0.24
PKSM	27.3	80	Pg	9:19:53.46	-0.03
			Sg	19:57.53	0.23
MORH	27.6	79	Pg	9:19:53.51	-0.03
			Sg	19:57.30	-0.09
PKSV	31.3	186	Sg	9:19:58.48	-0.08

652.

2018-07-05 time: 9:20:18.69 UTC ML= 1.5
 lat: 47.705N lon: 18.509E h= 0.0 km
 erh= 1.4km erz= 689km
 nr= 18 gap= 77 rms=0.62
 Locality: Lábatlan
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A269	12.0	232	Pg	9:20:20.31	-0.53
SRO	19.0	309	Pg	9:20:22.01	-0.07
			Sg	20:25.77	1.04
PKSG	35.9	194	Pg	9:20:25.44	0.33
			Sg	20:30.27	0.16
A338	36.4	341	Sg	9:20:30.84	0.57
CSKK	42.3	206	Pg	9:20:26.58	0.33
			Sg	20:32.21	0.06
BUD	45.9	122	Sg	9:20:32.40	-0.88
PENC	58.7	81	Pg	9:20:30.16	0.98
			Sg	20:37.99	0.62
PKST	61.1	216	Pg	9:20:29.88	0.27
			Sg	20:38.18	0.06
A336	69.2	32	Sg	9:20:38.91	-1.79
VYHS	91.1	16	Pg	9:20:34.82	-0.14
MPLH	94.2	231	Pg	9:20:34.50	-1.02
			Sg	20:48.17	-0.48
ET1H	103.9	79	Sg	9:20:51.22	-0.51

653.

2018-07-05 time: 9:25:46.54 UTC ML= 1.1
 lat: 47.894N lon: 19.407E h= 0.0 km
 erh= 1.9km erz= 707km
 nr= 10 gap=133 rms=0.55
 Locality: Bercel
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	14.8	219	Pg	9:25:49.01	-0.18
			Sg	25:51.18	-0.08
PSZ	36.6	86	Pg	9:25:53.17	0.10
			Sg	25:58.17	0.00
A336	48.4	321	Pg	9:25:54.98	-0.21
			Sg	26:01.38	-0.56

Hypocenter Parameters

VYHS 79.1 328 Pg 9:26:02.19 1.53
 Sg 26:11.37 -0.30
 KECS 103.6 51 ePg 9:26:05.30 0.26
 eSg 26:18.20 -1.27

654.

2018-07-05 time: 9:45:58.26 UTC ML= 0.6
 lat: 47.183N lon: 18.299E h= 0.0 km
 erh= 1.2km erz= 335km
 nr= 7 gap=150 rms=0.22
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	20.2	352	Pg	9:46:02.25	0.39
			Sg	46:04.31	-0.37
PKST	21.7	293	Pg	9:46:02.19	0.05
			Sg	46:05.12	-0.05
PKSG	24.2	17	Pg	9:46:02.42	-0.16
			Sg	46:06.09	0.15
PKSM	111.1	166	Sg	9:46:33.46	-0.13

655.

2018-07-05 time: 11:30:20.90 UTC ML= 0.9
 lat: 47.108N lon: 18.059E h= 0.0 km
 erh= 2.9km erz= 889km
 nr= 8 gap=117 rms=0.64
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.9	354	Pg	11:30:23.67	-0.25
			Sg	30:26.05	-0.23
TIH	26.3	209	Sg	11:30:29.71	0.44
MPLH	40.0	280	Pg	11:30:28.80	0.75
			Sg	30:32.61	-1.01
PKSG	40.3	38	Pg	11:30:28.56	0.46
PKSM	109.1	156	Pg	11:30:40.62	0.24
KOVH	113.4	178	Sg	11:30:55.54	-1.39

656.

2018-07-05 time: 11:34:16.73 UTC ML= 1.6
 lat: 47.909N lon: 19.425E h= 0.0 km
 erh= 2.3km erz= 5.0km
 nr= 9 gap=131 rms=0.62
 Locality: Szanda
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	16.9	219	Pg	11:34:19.69	-0.06
			Sg	34:21.63	-0.48
PSZ	35.1	88	Pg	11:34:23.26	0.26
			Sg	34:28.14	0.24
A336	48.1	319	Pg	11:34:25.44	0.13
			Sg	34:30.95	-1.05
VYHS	78.4	326	Pg	11:34:31.57	0.83
KECS	101.5	51	Sg	11:34:47.77	-1.23
MODS	168.0	288	eSn	11:35:07.30	0.77

657.

2018-07-06 time: 6:28:07.10 UTC ML= 1.1
 lat: 47.368N lon: 18.370E h= 0.0 km
 erh= 1.5km erz= 196km
 nr= 6 gap=183 rms=0.12
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	3.0	31	Pg	6:28:07.54	-0.10
			Sg	28:08.05	-0.01

Földrengés paraméterek

CSKK 8.3 266 Pg 6:28:08.61 0.03
 Sg 28:10.00 0.26
 PKST 28.2 244 Pg 6:28:11.99 -0.14
 PSZ 129.8 62 Pg 6:28:30.38 0.09

658.

2018-07-06 time: 7:34:29.13 UTC ML= 0.9
 lat: 47.246N lon: 18.213E h= 0.0 km
 erh= 3.0km erz= 384km
 nr= 7 gap=221 rms=0.25
 Locality: Bakonykúti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	13.5	16	PgD	7:34:31.37	-0.16
			Sg	34:33.25	-0.16
PKST	13.6	276	Pg	7:34:31.75	0.20
			Sg	34:33.56	0.12
PKSG	21.0	40	Pg	7:34:32.74	-0.14
			Sg	34:36.49	0.68
MPLH	51.7	261	Sg	7:34:45.32	-0.24

659.

2018-07-06 time: 8:28:10.74 UTC ML= 1.3
 lat: 47.542N lon: 18.560E h= 0.0 km
 erh= 3.0km erz= 4.1km
 nr= 10 gap=167 rms=0.56
 Locality: Nagygyháza
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	21.1	217	Pg	8:28:15.02	0.51
			Sg	28:17.74	0.30
CSKK	30.2	229	Pg	8:28:16.24	0.11
			Sg	28:20.25	-0.08
SRO	35.4	328	Sg	8:28:21.77	-0.21
PKST	50.7	232	Pg	8:28:20.00	0.20
			Sg	28:26.20	-0.66
VYHS	107.8	11	Pg	8:28:30.70	0.71
			Sg	28:43.88	-1.12
MORH	147.6	178	Sn	8:28:54.88	-1.14

660.

2018-07-06 time: 10:15:11.52 UTC ML= 1.4
 lat: 48.040N lon: 19.637E h= 0.0 km
 erh= 2.0km erz= 672km
 nr= 8 gap=102 rms=0.48
 Locality: Sósartyán
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	23.5	125	Pg	10:15:15.67	-0.04
			Sg	15:18.62	-0.37
PENC	38.4	224	Pg	10:15:17.96	-0.41
			Sg	15:24.01	0.30
A336	52.1	294	Pg	10:15:21.56	0.74
			Sg	15:28.13	0.05
VYHS	78.0	310	eSg	10:15:35.40	-0.91
KECS	80.0	52	eSg	10:15:37.40	0.45

661.

2018-07-06 time: 10:30:52.15 UTC ML= 0.9
 lat: 47.189N lon: 18.303E h= 0.0 km
 erh= 3.4km erz= 518km
 nr= 7 gap=252 rms=0.34
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	19.6	351	Pg	10:30:55.53	-0.12

Földrengés paraméterek

Hypocenter Parameters

Sg 30:59.06 0.67
 PKST 21.8 291 Pg 10:30:55.75 -0.28
 Sg 30:58.78 -0.29
 PKSG 23.5 16 Pg 10:30:56.43 0.08
 Sg 30:59.22 -0.40
 MPLH 57.9 268 Pg 10:31:02.90 0.42

662.

2018-07-06 time: 19:34:55.95 UTC ML= 0.6
 lat: 47.248N lon: 18.218E h= 1.0 km
 erh= 5.0km erz=50.7km
 nr= 6 gap=236 rms=0.09
 Locality: Bakonykúti
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	13.2	14	Pg	19:34:58.24	-0.08
			Sg	35:00.19	0.02
PKST	13.9	275	PgD	19:34:58.57	0.12
			Sg	35:00.30	-0.09
PKSG	20.7	39	Pg	19:34:59.58	-0.07
			Sg	35:02.63	0.10

663.

2018-07-07 time: 2:53:52.98 UTC ML= 1.2
 lat: 47.238N lon: 18.066E h= 8.4 km
 erh= 1.6km erz= 1.3km
 nr= 14 gap=104 rms=0.39
 Locality: Tés
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKST	3.4	315	PgU	2:53:54.57	-0.03
			Sg	53:55.37	-0.50
CSKK	20.3	47	Pg	2:53:56.89	-0.01
			Sg	53:59.71	-0.25
PKSG	30.0	55	Pg	2:53:58.67	0.13
			Sg	54:02.97	0.10
MPLH	40.6	259	Pg	2:54:00.70	0.32
			Sg	54:06.15	0.00
SRO	66.7	16	Pg	2:54:03.80	-1.18
			Sg	54:14.64	0.30
A338	89.1	14	Pg	2:54:09.66	0.70
			Sg	54:21.48	0.06
PKSM	122.2	159	Pn	2:54:14.20	0.03
			Sn	54:30.20	-0.51

664.

2018-07-07 time: 9:32:13.73 UTC ML= 0.8
 lat: 46.161N lon: 18.303E h= 0.0 km
 erh= 1.2km erz= 244km
 nr= 8 gap=194 rms=0.17
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.7	243	Pg	9:32:16.61	-0.29
			Sg	32:19.49	0.13
PKSM	26.7	78	Pg	9:32:18.72	0.22
			Sg	32:22.05	-0.17
MORH	27.0	77	Pg	9:32:18.52	-0.04
			Sg	32:22.35	0.03
PKSV	30.6	187	Pg	9:32:19.38	0.18
			Sg	32:23.33	-0.13

665.

2018-07-08 time: 18:31:18.46 UTC ML= 0.4
 lat: 47.252N lon: 18.211E h= 6.1 km
 erh= 8.6km erz=13.0km
 nr= 6 gap=232 rms=0.17
 Locality: Bakonykúti
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	12.9	17	Pg	18:31:20.96	-0.04
			Sg	31:22.77	-0.22
PKST	13.4	273	Pg	18:31:21.22	0.14
			Sg	31:23.10	-0.03
PKSG	20.6	41	Pg	18:31:22.18	-0.12
			Sg	31:25.69	0.39

666.

2018-07-09 time: 8:29:53.76 UTC ML= 1.7
 lat: 45.890N lon: 18.411E h= 0.0 km
 erh= 3.7km erz= 609km
 nr= 11 gap=286 rms=0.49
 Locality: Villánykövesd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	32.7	312	Pg	8:29:59.29	-0.30
			Sg	30:03.82	-0.32
PKSM	39.9	26	PgU	8:30:00.66	-0.23
			Sg	30:06.46	0.01
MORH	40.4	26	PgU	8:30:00.74	-0.24
			Sg	30:06.64	0.03
PKB4	69.0	12	Pg	8:30:05.71	-0.37
			Sg	30:15.19	-0.50
PKS9	78.1	352	Pg	8:30:09.11	1.40
PKB1	103.6	16	Pg	8:30:12.75	0.49
			Sg	30:27.28	0.59

667.

2018-07-09 time: 9:43:00.73 UTC ML= 1.1
 lat: 46.120N lon: 18.111E h= 0.0 km
 erh= 3.6km erz= 303km
 nr= 6 gap=242 rms=0.18
 Locality: Abaliget
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	3.6	194	PgU	9:43:01.17	-0.20
			Sg	43:02.04	0.16
PKSM	42.2	76	Pg	9:43:08.41	0.14
			Sg	43:14.12	-0.03
MORH	42.5	75	Pg	9:43:08.48	0.15
			Sg	43:13.95	-0.30

668.

2018-07-09 time: 11:52:54.76 UTC ML= 1.5
 lat: 47.312N lon: 17.643E h= 0.0 km
 erh= 1.2km erz= 1.7km
 nr= 21 gap= 57 rms=0.56
 Locality: Homokbödöge
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	17.6	206	Pg	11:52:57.44	-0.45
			Sg	52:59.69	-0.65
A268	25.1	58	Sg	11:53:02.53	-0.19
EGYH	26.3	297	Sg	11:53:04.10	1.00
PKST	30.2	101	Pg	11:53:00.37	0.22
			Sg	53:04.83	0.47
CSKK	47.0	83	Sg	11:53:10.24	0.53
A261	54.8	223	Sg	11:53:11.57	-0.61

Hypocenter Parameters

Földrengés paraméterek

PKSG 57.2 81 Pg 11:53:04.58 -0.39
 Sg 53:13.11 0.17
 A269 66.5 57 Sg 11:53:15.84 -0.07
 SOP 91.6 297 Pg 11:53:11.75 0.64
 Sg 53:24.33 0.47
 A262 98.2 240 Sg 11:53:26.06 0.09
 ZST 106.4 338 Sg 11:53:27.29 -1.27
 KOVH 140.4 166 Sn 11:53:38.18 -0.26
 KOGS 143.1 228 Sn 11:53:39.34 0.30
 MORH 143.8 148 Sn 11:53:39.14 -0.06
 PKSM 144.1 148 Pn 11:53:20.74 0.98
 VYHS 158.9 34 Pn 11:53:20.82 -0.78
 Sn 53:41.83 -0.71

669.

2018-07-10 time: 9:32:40.80 UTC ML= 0.8
 lat: 48.202N lon: 19.813E h= 0.0 km
 erh= 2.5km erz= 759km
 nr= 6 gap=124 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	32.2	169	Pg	9:32:46.82	0.28
			Sg	32:50.75	-0.27
KECS	58.8	58	Sg	9:32:59.38	-0.12
A336	60.6	273	Sg	9:32:59.55	-0.51
VYHS	79.3	294	Pg	9:32:55.66	0.69
			Sg	33:05.53	-0.49

670.

2018-07-10 time: 12:47:25.98 UTC ML= 1.6
 lat: 47.947N lon: 20.054E h= 0.0 km
 erh= 3.0km erz= 7.0km
 nr= 10 gap=189 rms=0.58
 Locality: Mátraderecske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	12.3	255	PgU	12:47:28.32	0.14
			Sg	47:30.20	0.31
KECS	67.7	28	Pg	12:47:38.39	0.32
			Sg	47:47.77	0.27
ABAH	96.4	66	Pg	12:47:43.31	0.11
			Sg	47:56.43	-0.20
VYHS	109.0	304	Pg	12:47:45.11	-0.34
			Sg	47:59.65	-0.98
KOLS	197.5	56	ePn	12:47:55.60	-2.03
MODS	211.9	283	ePn	12:48:00.90	1.46

671.

2018-07-11 time: 6:31:33.18 UTC ML= 1.1
 lat: 47.334N lon: 18.449E h= 0.0 km
 erh= 2.3km erz= 480km
 nr= 7 gap=208 rms=0.33
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.8	325	PgU	6:31:34.76	0.18
			Sg	31:35.31	-0.35
CSKK	14.6	283	PgU	6:31:36.09	0.30
			Sg	31:37.75	-0.08
PKST	32.5	255	Pg	6:31:39.34	0.36
			Sg	31:43.03	-0.48
PKSM	125.6	173	Sg	6:32:12.67	-0.44

672.

2018-07-11 time: 7:11:29.39 UTC ML= 1.0
 lat: 47.811N lon: 19.116E h= 0.0 km
 erh= 4.5km erz= ***km
 nr= 8 gap=129 rms=1.00
 Locality: Vác
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	12.6	100	Pg	7:11:31.81	0.16
			Sg	11:33.92	0.51
PSZ	59.5	78	Pg	7:11:39.88	-0.14
			Sg	11:47.74	-0.57
A338	61.4	292	Sg	7:11:47.57	-1.35
PKSG	71.7	230	Sg	7:11:51.67	-0.51
VYHS	78.8	345	ePg	7:11:45.50	2.03
			eSg	11:53.00	-1.44

673.

2018-07-11 time: 8:01:28.23 UTC ML= 1.5
 lat: 48.615N lon: 20.767E h= 0.0 km
 erh= 2.4km erz= 2.1km
 nr= 9 gap=231 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.4	235	Pg	8:01:33.18	0.41
			Sg	01:36.33	0.01
ABAH	49.7	135	Pg	8:01:37.44	0.32
			Sg	01:43.29	-0.76
PSZ	101.0	220	Pg	8:01:46.69	0.43
			Sg	02:00.26	-0.07
A336	137.6	252	Sn	8:02:10.09	-1.20
VYHS	143.2	265	Pn	8:01:53.72	0.60
			Sn	02:11.16	-1.38

674.

2018-07-11 time: 8:42:56.90 UTC ML= 0.6
 lat: 46.191N lon: 18.272E h= 0.0 km
 erh= 2.1km erz= 354km
 nr= 7 gap=215 rms=0.25
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.5	229	Pg	8:43:00.10	0.07
			Sg	43:02.86	0.39
PKSM	28.6	85	Pg	8:43:01.85	-0.16
			Sg	43:06.42	0.43
MORH	28.9	85	Pg	8:43:01.90	-0.16
			Sg	43:06.07	-0.01
PKSV	33.7	183	Sg	8:43:07.20	-0.40

675.

2018-07-11 time: 10:01:18.70 UTC ML= 1.5
 lat: 48.128N lon: 16.948E h= 0.0 km
 erh= 2.1km erz= 3.1km
 nr= 19 gap= 84 rms=0.97
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	13.8	56	Pg	10:01:21.97	0.81
			Sg	01:24.15	1.07
MODS	36.7	42	ePg	10:01:25.50	0.25
			eSg	01:31.20	0.84
RONA	68.1	226	Sg	10:01:39.62	-0.73
CONA	84.0	255	Pg	10:01:34.71	1.01
			Sg	01:45.48	0.08

Földrengés paraméterek

Hypocenter Parameters

A338 105.4 97 Sg 10:01:51.85 -0.36
 KRUC 111.6 339 Pg 10:01:38.76 0.13
 Sg 01:52.82 -1.35
 MPLH 115.4 157 Sg 10:01:55.24 -0.13
 PKST 126.4 140 Sg 10:01:57.56 -1.32
 CSKK 130.1 131 Sg 10:01:57.87 -2.17
 VRAC 133.9 349 Pn 10:01:42.12 -0.31
 Sn 01:58.94 -1.99
 ARSA 144.8 228 Pn 10:01:45.23 1.45
 Sn 02:03.03 -0.32
 VYHS 145.9 74 Pn 10:01:45.06 1.14
 Sn 02:02.61 -0.99

676.

2018-07-11 time: 10:19:36.01 UTC ML= 0.8
 lat: 47.220N lon: 18.286E h= 0.0 km
 erh= 1.1km erz= 2.7km
 nr= 10 gap=109 rms=0.39
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.0	353	Sg	10:19:41.11	0.00
PKST	19.6	283	Pg	10:19:39.17	-0.33
			Sg	19:41.59	-0.63
PKSG	20.7	22	Pg	10:19:39.62	-0.08
			Sg	19:43.05	0.47
MPLH	56.9	264	Pg	10:19:46.47	0.31
			Sg	19:54.60	0.52
MORH	114.9	166	Sg	10:20:12.59	0.05
PKSM	115.3	166	Sg	10:20:12.90	0.24
PSZ	143.8	57	Sn	10:20:19.62	-0.82

677.

2018-07-11 time: 11:15:14.01 UTC ML= 1.8
 lat: 48.361N lon: 19.839E h= 0.0 km
 erh= 2.0km erz= 617km
 nr= 12 gap=173 rms=0.51
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	49.4	175	Pg	11:15:23.20	0.37
			Sg	15:29.57	-0.14
A336	63.9	257	Pg	11:15:26.25	0.82
			Sg	15:33.86	-0.47
VYHS	75.7	281	ePg	11:15:27.80	0.27
			eSg	15:37.30	-0.77
PENC	75.8	213	Pg	11:15:27.96	0.41
			Sg	15:37.86	-0.25
ABAH	104.1	94	Pg	11:15:32.45	-0.15
			Sg	15:46.26	-0.84
A338	117.0	251	Pg	11:15:35.08	0.17
			Sg	15:50.17	-1.04

678.

2018-07-11 time: 11:18:33.70 UTC ML= 1.0
 lat: 47.124N lon: 18.136E h= 0.0 km
 erh= 1.2km erz= 371km
 nr= 10 gap=126 rms=0.29
 Locality: Berhida
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.9	333	PgU	11:18:36.42	-0.29
			Sg	18:39.14	0.08
CSKK	28.2	19	Pg	11:18:38.88	0.15
TIH	31.0	217	Pg	11:18:39.67	0.42
PKSG	35.4	33	Pg	11:18:40.08	0.05
MPLH	45.6	276	Pg	11:18:41.47	-0.37
			Sg	18:48.30	0.12
MORH	108.2	159	Pg	11:18:53.27	0.25

PKSM 108.5 159 Pg 11:18:53.06 -0.02
 Sg 19:07.41 -0.79

679.

2018-07-11 time: 18:16:31.80 UTC ML= 0.2
 lat: 47.455N lon: 18.253E h= 2.1 km
 erh= 4.2km erz=17.7km
 nr= 6 gap=267 rms=0.31
 Locality: Pusztavám
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	10.2	177	PgD	18:16:33.49	-0.17
			Sg	16:34.40	-0.71
PKSG	12.5	124	Pg	18:16:34.31	0.25
			Sg	16:35.61	-0.21
PKST	27.4	217	Pg	18:16:36.93	0.23
			Sg	16:40.78	0.26

680.

2018-07-12 time: 8:58:36.70 UTC ML= 1.1
 lat: 46.210N lon: 18.262E h= 0.0 km
 erh= 1.6km erz= 486km
 nr= 9 gap=139 rms=0.37
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.4	223	Pg	8:58:40.29	0.31
			Sg	58:43.14	0.59
PKSM	29.3	90	Pg	8:58:42.17	0.24
			Sg	58:45.93	-0.08
MORH	29.5	89	Pg	8:58:42.20	0.23
			Sg	58:46.06	-0.02
PKSV	35.7	181	Pg	8:58:42.73	-0.35
			Sg	58:47.52	-0.53
PKS9	41.9	2	Sg	8:58:49.37	-0.66

681.

2018-07-12 time: 9:04:10.80 UTC ML= 1.1
 lat: 47.072N lon: 18.046E h= 0.0 km
 erh= 2.1km erz= 697km
 nr= 11 gap=128 rms=0.56
 Locality: Balatonfüzfő
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	20.8	358	Pg	9:04:14.22	-0.30
			Sg	04:16.93	-0.49
TIH	22.4	211	Pg	9:04:15.68	0.89
			Sg	04:18.14	0.24
CSKK	36.2	27	Pg	9:04:17.60	0.33
			Sg	04:23.33	1.01
MPLH	39.9	286	Sg	9:04:23.12	-0.37
MORH	105.6	154	Pg	9:04:29.72	0.06
PKSM	105.9	154	Pg	9:04:29.58	-0.13
KOVH	109.4	178	Pg	9:04:29.98	-0.35
			Sg	04:44.11	-1.46

682.

2018-07-12 time: 9:34:28.44 UTC ML= 1.2
 lat: 48.435N lon: 19.538E h= 0.3 km
 erh= 2.2km erz= 571km
 nr= 9 gap=168 rms=0.49
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
A336	45.8	241	Pg	9:34:36.81	0.19
			Sg	34:42.83	-0.17

Hypocenter Parameters

VYHS 52.3 277 Pg 9:34:38.47 0.69
 Sg 34:44.60 -0.47
 PSZ 63.2 155 Pg 9:34:39.99 0.26
 Sg 34:48.58 0.04
 KECS 70.3 86 Pg 9:34:41.33 0.33
 Sg 34:49.92 -0.88
 A338 99.6 242 Sg 9:34:59.24 -0.87

683.

2018-07-12 time: 9:44:39.04 UTC ML= 1.3
 lat: 48.585N lon: 20.767E h= 0.0 km
 erh= 2.4km erz= 2.9km
 nr= 12 gap=149 rms=0.65
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.7	241	Pg	9:44:43.84	0.56
			Sg	44:46.03	-0.55
ABAH	47.5	133	Pg	9:44:47.92	0.39
			Sg	44:54.22	0.08
CRVS	62.0	55	Pg	9:44:50.62	0.50
			Sg	44:58.03	-0.73
PSZ	98.5	221	Pg	9:44:57.31	0.68
			Sg	45:10.17	-0.18
KOLS	117.3	71	Sg	9:45:15.93	-0.40
A336	136.6	253	Sn	9:45:20.56	-1.33
VYHS	143.0	266	Pn	9:45:04.40	0.50
			Sn	45:22.05	-1.24

684.

2018-07-12 time: 10:41:51.68 UTC ML= 0.9
 lat: 46.137N lon: 18.055E h= 0.0 km
 erh= 1.1km erz= 157km
 nr= 7 gap=288 rms=0.11
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	6.4	147	Pg	10:41:52.78	-0.04
			Sg	41:53.89	0.18
PKSV	31.5	151	Sg	10:42:01.50	-0.20
PKSM	46.1	80	Pg	10:42:00.01	0.10
			Sg	42:06.27	-0.05
MORH	46.4	79	Pg	10:42:00.01	0.05
			Sg	42:06.32	-0.10

685.

2018-07-12 time: 11:59:40.48 UTC ML= 1.9
 lat: 48.322N lon: 19.867E h= 0.0 km
 erh= 3.4km erz= ***km
 nr= 8 gap= 86 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	45.0	177	Sg	11:59:55.56	0.79
KECS	49.2	69	Pg	11:59:49.34	0.08
			Sg	59:55.77	-0.34
A336	65.2	261	Pg	11:59:52.87	0.75
			Sg	59:59.87	-1.33
LANS	96.7	342	Pg	11:59:58.47	0.73
ABAH	101.8	92	Sg	11:60:11.67	-1.18
A338	117.7	253	Sg	11:60:17.40	-0.50

Földrengés paraméterek

686.

2018-07-13 time: 8:02:03.67 UTC ML= 1.4
 lat: 48.611N lon: 20.727E h= 0.0 km
 erh= 3.4km erz= 4.9km
 nr= 8 gap=154 rms=0.82
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.8	231	Pg	8:02:08.25	0.50
			Sg	02:10.66	-0.28
ABAH	51.6	133	Sg	8:02:19.71	-0.38
CRVS	62.9	59	ePg	8:02:15.30	0.39
			eSg	02:23.60	-0.07
PSZ	98.8	219	Pg	8:02:22.50	1.18
			Sg	02:34.11	-0.97
VYHS	140.2	265	Sn	8:02:45.68	-1.64

687.

2018-07-13 time: 8:57:57.73 UTC ML= 0.9
 lat: 47.198N lon: 18.313E h= 0.0 km
 erh= 1.3km erz= 469km
 nr= 10 gap=152 rms=0.37
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.8	348	Pg	8:58:01.38	0.29
			Sg	58:03.42	-0.29
PKST	22.2	288	Pg	8:58:01.99	0.30
			Sg	58:03.84	-0.93
PKSG	22.4	15	Pg	8:58:01.31	-0.42
			Sg	58:05.05	0.21
MPLH	58.7	267	Pg	8:58:08.65	0.44
			Sg	58:16.44	0.06
MORH	112.1	167	Sg	8:58:33.25	-0.10
PKSM	112.4	167	Sg	8:58:33.25	-0.22

688.

2018-07-13 time: 11:14:22.89 UTC ML= 1.6
 lat: 47.274N lon: 17.652E h= 0.0 km
 erh= 2.0km erz= 3.0km
 nr= 13 gap= 96 rms=0.92
 Locality: Homokbödöge
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	14.3	216	Pg	11:14:26.00	0.56
			Sg	14:29.42	1.99
EGYH	29.0	303	Pg	11:14:26.96	-1.10
			Sg	14:32.43	0.34
PKST	29.0	93	Pg	11:14:28.21	0.14
			Sg	14:32.74	0.63
CSKK	47.1	78	Sg	11:14:38.45	0.59
PKSG	57.4	77	Pg	11:14:33.03	-0.11
			Sg	14:41.37	0.24
SRO	78.0	40	Sg	11:14:47.89	0.21
KOVH	136.2	165	Sn	11:15:05.26	-0.37
MORH	139.9	147	Sn	11:15:04.17	-2.30
PKSM	140.2	147	Sn	11:15:04.57	-1.95

689.

2018-07-13 time: 20:39:56.48 UTC ML= 1.3
 lat: 47.809N lon: 16.251E h= 10.0 km
 erh= 2.3km erz= 1.8km
 nr= 22 gap= 64 rms=0.93
 Locality: Austria
 Comments:

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
RONA	12.6	164	Pg	20:39:59.51	0.15
			Sg	40:01.43	-0.17
SOP	27.0	121	Pg	20:40:01.77	0.15
			Sg	40:04.98	-0.64
CONA	32.0	294	Pg	20:40:02.10	-0.37
			Sg	40:07.09	-0.05
ARSA	82.8	221	Pg	20:40:11.03	-0.35
			Sg	40:21.57	-1.43
MODS	98.9	51	ePg	20:40:15.80	1.56
			eSg	40:25.80	-2.29
MPLH	120.3	126	Sn	20:40:33.58	0.15
KRUC	139.7	4	Pn	20:40:19.43	-0.23
			Sn	40:35.97	-1.77
PKST	147.6	114	Sn	20:40:39.28	-0.20
MOA	148.7	272	Pn	20:40:21.80	1.02
			Sn	40:40.48	0.75
VRAC	168.6	9	Pn	20:40:23.27	0.00
			Sn	40:42.91	-1.25
BIOA	196.3	266	Pn	20:40:29.51	2.79
			Sn	40:51.55	1.24
ZVC	236.4	320	eSn	20:41:02.10	2.91
KHC	246.3	307	eSn	20:41:01.90	0.50

690.

2018-07-15 time: 1:33:21.99 UTC ML= 0.6
 lat: 47.272N lon: 17.422E h= 1.5 km
 erh= 2.3km erz=24.2km
 nr= 7 gap=195 rms=0.31
 Locality: Dáka
 Comments:

sta	dist	azm	phase	hr mn sec	res
MPLH	14.4	142	PgD	1:33:24.47	-0.10
			Sg	33:26.33	-0.25
EGYH	17.5	337	Pg	1:33:24.96	-0.17
			Sg	33:27.70	0.11
PKST	46.3	92	Pg	1:33:30.89	0.62
CSKK	64.2	81	Sg	1:33:42.55	0.16
PKSG	74.4	80	Sg	1:33:45.26	-0.38

691.

2018-07-16 time: 8:27:25.89 UTC ML= 1.1
 lat: 47.574N lon: 16.344E h= 0.0 km
 erh= 0.8km erz= 1.6km
 nr= 12 gap= 78 rms=0.50
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
RONA	14.4	346	Pg	8:27:28.54	0.07
			Sg	27:30.74	0.26
SOP	20.2	53	Pg	8:27:29.69	0.19
			Sg	27:32.39	0.08
CONA	53.5	317	Pg	8:27:35.80	0.36
			Sg	27:42.48	-0.41
ARSA	71.6	240	Pg	8:27:39.04	0.36
			Sg	27:48.23	-0.42
MPLH	100.8	116	Sg	8:27:58.63	0.69
KOGS	125.3	183	Sg	8:28:05.47	-0.26
SMOL	132.2	38	Sn	8:28:06.59	-1.15
PKST	132.3	105	Sn	8:28:06.28	-1.49

692.

2018-07-16 time: 9:22:38.10 UTC ML= 1.0
 lat: 47.107N lon: 18.021E h= 0.0 km
 erh= 1.4km erz= 440km
 nr= 8 gap=126 rms=0.32
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.0	3	Pg	9:22:41.13	0.00
			Sg	22:43.74	0.25
CSKK	33.8	32	Sg	9:22:48.40	-0.43
MPLH	37.2	281	Pg	9:22:44.72	-0.03
			Sg	22:50.05	0.11
MORH	109.9	154	Pg	9:22:58.01	0.28
PKSM	110.2	155	Pg	9:22:57.86	0.08
			Sg	23:11.72	-1.42

693.

2018-07-16 time: 10:28:00.52 UTC ML= 2.0
 lat: 48.204N lon: 21.244E h= 0.0 km
 erh= 2.4km erz= 2.8km
 nr= 15 gap=158 rms=0.69
 Locality: Mád
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	10.2	358	Pg	10:28:02.46	0.11
			Sg	28:03.72	-0.05
KECS	64.2	299	Pg	10:28:12.08	0.08
			Sg	28:20.06	-0.89
CRVS	79.3	12	ePg	10:28:15.50	0.82
			eSg	28:28.30	2.58
TRPA	96.7	95	Sg	10:28:30.55	-0.70
PSZ	105.5	252	Pg	10:28:20.03	0.66
			Sg	28:33.49	-0.58
KOLS	111.1	43	Pg	10:28:20.96	0.60
			Sg	28:34.92	-0.91
A336	166.9	271	Sn	10:28:50.86	0.77
LANS	167.9	309	Pn	10:28:27.01	-1.49
			Sn	28:50.66	0.35
VYHS	181.4	280	Sn	10:28:53.22	-0.09

694.

2018-07-16 time: 18:26:26.33 UTC ML= 1.4
 lat: 47.865N lon: 16.241E h= 1.9 km
 erh= 2.6km erz= 3.1km
 nr= 19 gap= 70 rms=0.82
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	18.9	167	Pg	18:26:30.06	0.35
			Sg	26:32.06	-0.29
SOP	31.2	130	PgU	18:26:32.34	0.43
			Sg	26:35.69	-0.57
ZST	74.0	60	Sg	18:26:48.95	-0.92
ARSA	87.1	218	Pg	18:26:41.57	-0.32
			Sg	26:52.51	-1.52
MODS	95.6	54	ePg	18:26:44.80	1.39
			eSg	26:55.80	-0.94
KRUC	133.6	5	Pn	18:26:50.00	0.22
			Sn	27:06.82	-1.25
MOA	147.8	269	Sn	18:27:10.95	-0.29
KOGS	157.5	180	Sn	18:27:14.46	1.07
VRAC	162.6	9	Pn	18:26:53.87	0.47
			Sn	27:13.80	-0.71
BIOA	196.0	264	Pn	18:26:59.08	1.51
			Sn	27:21.79	-0.15
KHC	242.0	306	eSn	18:27:32.50	0.36
PRU	267.0	332	eSn	18:27:40.40	2.72*

695.

2018-07-17 time: 6:47:59.30 UTC ML= 1.6
 lat: 47.456N lon: 18.533E h= 0.0 km
 erh= 3.1km erz= 4.9km
 nr= 9 gap=108 rms=0.60
 Locality: Szár
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
PKSG	12.9	237	Pg	6:48:02.65	1.05
			Sg	48:03.39	0.00
CSKK	23.0	243	Pg	6:48:03.92	0.52
			Sg	48:05.84	-0.76
BUD	37.1	85	Sg	6:48:11.08	-0.02
SRO	43.1	337	Pg	6:48:06.87	-0.12
PKST	43.5	240	Pg	6:48:07.09	0.02
			Sg	48:12.67	-0.47
PKSM	138.5	177	Sn	6:48:41.24	-1.32

696.

2018-07-17 time: 8:03:03.21 UTC ML= 1.6
 lat: 48.417N lon: 19.104E h= 0.0 km
 erh= 1.3km erz= 1.8km
 nr= 13 gap=123 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	21.6	293	Pg	8:03:07.44	0.38
			Sg	03:10.69	0.62
A336	21.9	201	Pg	8:03:07.79	0.67
			Sg	03:10.54	0.37
PENC	70.9	169	Sg	8:03:25.80	0.04
PSZ	80.8	133	Pg	8:03:18.29	0.64
			Sg	03:28.40	-0.51
KECS	102.5	86	Pg	8:03:21.56	0.04
PKSG	125.8	205	Pg	8:03:25.88	0.19
			Sg	03:42.25	-0.96
CSKK	133.1	208	Sn	8:03:43.65	-1.62
PKST	151.6	212	Sn	8:03:47.92	-1.46
MORC	189.4	323	Sn	8:03:56.39	-1.38

697.

2018-07-17 time: 11:28:33.38 UTC ML= 0.5
 lat: 47.207N lon: 18.290E h= 0.0 km
 erh= 1.6km erz= 459km
 nr= 8 gap=146 rms=0.34
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.6	353	Pg	11:28:36.53	0.01
			Sg	28:38.66	-0.30
PKST	20.2	287	Pg	11:28:36.75	-0.25
			Sg	28:39.76	-0.06
PKSG	22.0	20	Pg	11:28:37.33	0.03
			Sg	28:40.71	0.35
MPLH	57.1	266	Pg	11:28:44.19	0.62
PKSM	113.8	166	Sg	11:29:08.94	-0.61

698.

2018-07-17 time: 12:00:08.35 UTC ML= 1.6
 lat: 48.414N lon: 17.214E h= 0.0 km
 erh= 2.4km erz= 6.1km
 nr= 10 gap=156 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	19.4	55	Pg	12:00:11.80	-0.01
			Sg	00:15.11	0.60
KRUC	93.9	320	Pg	12:00:25.64	0.52
			Sg	00:39.18	0.99
VRAC	109.4	335	Pg	12:00:27.32	-0.56
			Sg	00:41.25	-1.86
CONA	114.2	242	Pg	12:00:28.58	-0.16
			Sg	00:44.85	0.21
VYHS	120.3	86	Pg	12:00:29.86	0.02
MORC	153.4	9	Pn	12:00:33.91	-0.61

699.

2018-07-18 time: 7:40:19.57 UTC ML= 1.7
 lat: 48.590N lon: 20.751E h= 0.0 km
 erh= 2.2km erz= 3.4km
 nr= 15 gap=113 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.0	239	Pg	7:40:24.26	0.60
			Sg	40:27.02	0.16
ABAH	48.7	132	Pg	7:40:28.38	0.11
			Sg	40:34.46	-0.59
CRVS	62.7	56	ePg	7:40:31.00	0.24
			eSg	40:38.70	-0.79
PSZ	98.1	220	Pg	7:40:37.47	0.38
			Sg	40:49.62	-1.14
LANS	112.9	303	ePg	7:40:39.90	0.17
			eSg	40:53.70	-1.76
KOLS	118.2	71	ePg	7:40:42.30	1.63
A336	135.7	253	Pn	7:40:43.47	-0.05
			VYHS	141.8	266
TRPA	142.0	111	Sn	7:41:00.99	-2.61

700.

2018-07-18 time: 7:53:46.60 UTC ML= 1.3
 lat: 47.902N lon: 19.422E h= 0.0 km
 erh= 3.0km erz= ***km
 nr= 9 gap=133 rms=0.83
 Locality: Bercel
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	16.2	220	Pg	7:53:49.07	-0.43
			Sg	53:51.73	-0.03
PSZ	35.4	87	Pg	7:53:52.56	-0.36
			Sg	53:58.51	0.66
A336	48.5	319	Pg	7:53:56.13	0.88
			Sg	54:01.67	-0.33
VYHS	78.9	327	Pg	7:54:01.82	1.13
			Sg	54:09.56	-2.13
PKSG	96.0	234	Sg	7:54:16.46	-0.66

701.

2018-07-19 time: 6:00:51.14 UTC ML= 1.3
 lat: 47.262N lon: 18.257E h= 0.0 km
 erh= 6.0km erz= 793km
 nr= 5 gap=234 rms=0.39
 Locality: Kincsesbánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	11.3	1	PgU	6:00:53.67	0.52
			Sg	00:55.01	0.29
PKST	16.9	269	Sg	6:00:56.15	-0.36
PKSG	17.6	35	Pg	6:00:54.17	-0.12
			Sg	00:56.20	-0.54

702.

2018-07-19 time: 7:33:04.74 UTC ML= 1.3
 lat: 47.337N lon: 18.433E h= 0.0 km
 erh= 3.0km erz= 408km
 nr= 6 gap=282 rms=0.24
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	6.9	332	Pg	7:33:06.10	0.13
			Sg	33:06.50	-0.42

Földrengés paraméterek

CSKK 13.4 282 Pg 7:33:07.32 0.19
 Sg 33:09.29 0.30
 PKST 31.4 254 Pg 7:33:10.09 -0.26
 Sg 33:14.71 -0.01

703.

2018-07-19 time: 10:00:09.66 UTC ML= 1.0
 lat: 47.203N lon: 18.230E h= 0.0 km
 erh= 2.0km erz= 254km
 nr= 6 gap=263 rms=0.15
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.1	293	Pg	10:00:12.34	-0.19
			Sg	00:14.75	-0.02
CSKK	18.0	7	Pg	10:00:12.98	0.11
			Sg	00:15.47	0.09
PKSG	24.3	30	Pg	10:00:14.17	0.17
			Sg	00:17.15	-0.23

704.

2018-07-20 time: 7:20:20.85 UTC ML= 1.2
 lat: 47.334N lon: 18.451E h= 0.0 km
 erh= 2.0km erz= 450km
 nr= 8 gap=208 rms=0.33
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.9	325	Pg	7:20:22.27	0.00
			Sg	20:23.00	-0.37
CSKK	14.8	283	Pg	7:20:23.75	0.26
			Sg	20:25.38	-0.17
PKST	32.6	255	Pg	7:20:27.17	0.50
			Sg	20:30.56	-0.65
MORH	125.1	173	Sg	7:21:00.48	-0.15
PKSM	125.6	173	Sg	7:21:00.88	0.12

705.

2018-07-20 time: 7:20:51.70 UTC ML= 1.2
 lat: 47.412N lon: 18.362E h= 0.0 km
 erh= 5.5km erz= 5.1km
 nr= 7 gap=261 rms=0.85
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	3.1	136	Pg	7:20:52.72	0.47
			Sg	20:53.33	0.64
CSKK	9.4	235	Pg	7:20:53.78	0.41
			Sg	20:54.96	0.28
PKST	30.1	236	Pg	7:20:57.05	-0.01
			Sg	21:00.10	-1.15
PKSM	135.1	171	Sn	7:21:31.18	-3.02

706.

2018-07-20 time: 8:39:49.04 UTC ML= 2.2
 lat: 48.222N lon: 21.228E h= 0.0 km
 erh= 2.7km erz= 801km
 nr= 10 gap=155 rms=0.64
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	8.3	6	Pg	8:39:50.33	-0.18
			Sg	39:51.14	-0.52
KECS	62.2	298	Pg	8:40:00.33	0.18
			Sg	40:08.61	-0.20
CRVS	77.5	13	ePg	8:40:04.50	1.61

Hypocenter Parameters

eSg 40:13.90 0.21
 TRPA 98.1 96 Sg 8:40:19.41 -0.80
 PSZ 105.0 251 Sg 8:40:22.47 0.07
 KOLS 110.4 44 Pg 8:40:09.06 0.30
 Sg 40:23.32 -0.83

707.

2018-07-20 time: 10:16:43.92 UTC ML= 1.3
 lat: 48.564N lon: 20.812E h= 0.0 km
 erh= 2.7km erz= 5.7km
 nr= 7 gap=145 rms=0.47
 Locality: Hidvégdőd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.7	250	Pg	10:16:48.42	-0.10
			Sg	16:50.84	-1.26
ABAH	43.4	133	Sg	10:16:57.58	-0.15
CRVS	60.8	52	ePg	10:16:54.50	-0.28
PSZ	99.0	224	Pg	10:17:02.09	0.49
			Sg	17:15.62	0.24
VYHS	146.2	267	Pn	10:17:09.67	0.49

708.

2018-07-20 time: 11:19:42.98 UTC ML= 0.8
 lat: 47.185N lon: 18.315E h= 0.0 km
 erh= 2.7km erz= 342km
 nr= 5 gap=277 rms=0.15
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	20.3	348	Pg	11:19:46.83	0.23
			Sg	19:49.46	0.04
PKST	22.8	291	Pg	11:19:47.08	0.03
			Sg	19:50.12	-0.11
PKSG	23.7	14	Pg	11:19:47.01	-0.21

709.

2018-07-22 time: 2:54:59.07 UTC ML= 1.6
 lat: 46.852N lon: 16.312E h= 2.1 km
 erh= 1.4km erz= 3.0km
 nr= 27 gap= 71 rms=0.72
 Locality: Szalafő
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	45.1	186	Pg	2:55:07.45	0.32
			Sg	55:13.20	-0.21
BEHE	55.3	140	Pg	2:55:09.18	0.23
			Sg	55:16.32	-0.33
ARSA	74.6	307	Pg	2:55:13.94	1.55
			Sg	55:22.46	-0.33
GROS	75.7	235	Pg	2:55:12.81	0.22
			Sg	55:22.60	-0.54
RONA	94.3	359	Pg	2:55:16.36	0.45
			Sg	55:28.09	-0.96
SOP	94.3	11	Pg	2:55:15.94	0.02
PERS	94.5	255	Sg	2:55:27.89	-1.21
SOKA	99.6	259	Pg	2:55:17.52	0.66
			Sg	55:29.80	-0.94
EGYH	99.7	51	Pg	2:55:17.46	0.58
			Sg	55:30.15	-0.62
MPLH	99.8	69	Sg	2:55:28.96	-1.85
DOBS	101.4	220	iPg	2:55:16.75	-0.43
GOLS	107.4	209	iPg	2:55:18.41	0.17
PTJ	109.2	194	Pg	2:55:19.11	0.53
			Sg	55:32.94	-0.85
CESS	117.4	214	eSg	2:55:35.95	-0.45
CONA	124.5	344	Pg	2:55:22.37	1.07
			Sg	55:37.08	-1.56
LEGS	126.2	217	ePn	2:55:22.29	0.72

Hypocenter Parameters

CRES 131.6 210 Pn 2:55:22.97 0.72
 OBKA 140.2 254 Sn 2:55:41.52 -0.71

710.

2018-07-23 time: 8:02:35.93 UTC ML= 1.1
 lat: 48.617N lon: 20.746E h= 0.0 km
 erh= 3.5km erz= 3.5km
 nr= 7 gap=230 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.3	232	Pg	8:02:40.56			0.29
			Sg		02:43.08		-0.57
ABAH	51.0	134	Sg	8:02:51.96			-0.18
			Pg	8:02:54.64			0.83
PSZ	100.1	219	Sg		03:07.22		-0.54
			Pn	8:03:01.07			0.45
VYHS	141.7	264	Sn		03:18.69		-1.20

711.

2018-07-24 time: 8:05:57.40 UTC ML= 1.5
 lat: 48.582N lon: 20.775E h= 0.0 km
 erh= 4.8km erz= 4.1km
 nr= 6 gap=227 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.1	243	Pg	8:06:01.84			0.14
			Sg		06:05.03		-0.02
ABAH	46.8	133	Pg	8:06:05.73			-0.04
			Sg		06:12.13		-0.16
VYHS	143.5	266	Pn	8:06:22.73			0.40
			Sn		06:40.55		-1.23

712.

2018-07-24 time: 9:42:59.14 UTC ML= 1.0
 lat: 47.201N lon: 18.328E h= 0.0 km
 erh= 3.0km erz= 685km
 nr= 9 gap=155 rms=0.51
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.7	344	Pg	9:43:02.10			-0.37
			Sg		43:04.56		-0.51
PKSG	21.7	13	Pg	9:43:03.13			0.12
			Sg		43:06.22		0.19
MPLH	59.9	267	Pg	9:43:10.04			0.22
			Pg	9:43:19.85			0.68
MORH	112.2	168	Sg		43:33.91		-0.89
			Pg	9:43:19.85			0.61
PKSM	112.6	168	Sg		43:34.19		-0.74

713.

2018-07-24 time: 10:00:39.76 UTC ML= 1.7
 lat: 48.157N lon: 16.932E h= 0.0 km
 erh= 2.7km erz= 3.5km
 nr= 16 gap= 86 rms=1.06
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ZST	13.4	71	Pg	10:00:43.14			0.98
MODS	35.2	47	ePg	10:00:46.50			0.45
			eSg		00:52.20		1.25
SOP	59.6	208	Sg	10:00:58.56			-0.14
CONA	83.8	252	Pg	10:00:55.90			1.18
			Sg		01:05.39		-1.00

Földrengés paraméterek

KRUC 108.2 339 Pg 10:00:59.71 0.63
 Sg 01:13.62 -0.53
 MPLH 118.8 157 Sg 10:01:17.39 -0.13
 VRAC 130.5 349 Pg 10:01:02.83 -0.23
 Sg 01:19.60 -1.64
 CSKK 133.0 132 Sn 10:01:18.59 -3.22
 PKSG 138.5 128 Sn 10:01:20.90 -2.12
 ARSA 146.1 226 Pn 10:01:06.14 1.13
 Sn 01:24.21 -0.49
 VYHS 146.1 75 Sn 10:01:25.12 0.41

714.

2018-07-25 time: 7:22:15.97 UTC ML= 1.2
 lat: 48.599N lon: 20.762E h= 0.0 km
 erh= 2.4km erz= 3.5km
 nr= 11 gap=151 rms=0.51
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.1	238	Pg	7:22:20.36			0.08
			Sg		22:22.82		-0.82
ABAH	48.8	134	Pg	7:22:24.38			-0.30
			Sg		22:31.35		-0.13
CRVS	61.5	57	ePg	7:22:27.00			0.05
			eSg		22:34.80		-0.72
PSZ	99.4	220	Pg	7:22:34.52			0.80
			Sg		22:47.52		-0.04
KOLS	117.1	71	eSg	7:22:53.20			-0.01
			Pn	7:22:41.68			0.88
VYHS	142.7	265	Sn		22:59.47		-0.69

715.

2018-07-25 time: 8:44:39.95 UTC ML= 1.2
 lat: 47.836N lon: 19.108E h= 0.0 km
 erh= 2.1km erz= 713km
 nr= 7 gap=117 rms=0.47
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	14.0	111	Pg	8:44:42.60			0.16
			Sg		44:44.58		0.19
A336	44.9	350	Sg	8:44:53.60			-0.61
PSZ	59.6	81	Sg	8:44:58.44			-0.44
PKSG	73.1	227	Sg	8:45:02.96			-0.23
VYHS	75.9	345	Pg	8:44:54.35			0.85
			Sg		45:03.76		-0.31

716.

2018-07-25 time: 14:48:06.83 UTC ML= 1.6
 lat: 47.158N lon: 17.369E h= 8.1 km
 erh= 0.4km erz= 0.5km
 nr= 5 gap=270 rms=0.02
 Locality: Doba
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
MPLH	13.0	84	Pg	14:48:09.57			0.02
			Sg		48:11.65		-0.03
EGYH	29.0	354	Pg	14:48:12.17			-0.02
			Sg		48:16.40		0.02
CSKK	71.2	71	Sg	14:48:29.62			0.02

Földrengés paraméterek

Hypocenter Parameters

717.

 2018-07-26 time: 8:52:45.48 UTC ML= 1.4
 lat: 47.090N lon: 18.023E h= 0.0 km
 erh= 0.7km erz= 215km
 nr= 9 gap=114 rms=0.16
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
TIH	23.4	205	Pg	8:52:49.42	-0.23
CSKK	35.3	31	Pg	8:52:51.91	0.14
			Sg	52:56.60	-0.08
MPLH	37.7	284	Pg	8:52:52.23	0.02
			Sg	52:57.51	0.04
PKSG	43.6	40	Pg	8:52:52.96	-0.30
			Sg	52:59.49	0.16
MORH	108.2	154	Pg	8:53:04.88	0.08
PKSM	108.5	154	Pg	8:53:05.03	0.17

718.

 2018-07-26 time: 9:18:46.91 UTC ML= 1.4
 lat: 47.387N lon: 18.365E h= 0.0 km
 erh= 1.9km erz= 2.6km
 nr= 8 gap=124 rms=1.14
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	2.0	73	Pg	9:18:48.10	0.83
			Sg	18:48.66	1.11
CSKK	8.3	252	Pg	9:18:49.40	1.00
			Sg	18:50.74	1.17
VYHS	128.1	16	Pg	9:19:09.06	-0.72
			Sg	19:26.98	-0.64
MORH	131.9	171	Sn	9:19:27.14	-1.56
PKSM	132.3	171	Sn	9:19:26.83	-1.96

719.

 2018-07-26 time: 11:09:52.85 UTC ML= 1.5
 lat: 48.718N lon: 21.502E h= 0.3 km
 erh= 3.1km erz= 5.8km
 nr= 10 gap=176 rms=0.92
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
ABAH	50.7	202	Pg	11:10:02.38	0.47
			Sg	10:09.10	0.13
KOLS	61.5	67	Pg	11:10:04.56	0.73
			Sg	10:11.38	-1.02
KECS	79.3	251	Pg	11:10:06.64	-0.38
			Sg	10:17.33	-0.74
TRPA	100.8	130	Pg	11:10:10.06	-0.79
			Sg	10:23.65	-1.24
PSZ	148.7	233	Pn	11:10:19.33	0.94
LTVH	151.1	169	Pn	11:10:20.90	2.21

720.

 2018-07-26 time: 11:26:12.37 UTC ML= 1.3
 lat: 48.012N lon: 16.545E h= 10.0 km
 erh= 2.4km erz= 2.3km
 nr= 13 gap= 95 rms=0.78
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	39.4	208	Pg	11:26:19.72	0.09
			Sg	26:24.03	-1.25
CONA	51.8	260	Pg	11:26:22.49	0.69
			Sg	26:29.68	0.53

MODS	67.7	54	ePg	11:26:24.20	-0.40
			eSg	26:33.10	-1.04
EGYH	88.6	138	Sg	11:26:40.58	-0.15
ARSA	114.3	222	Pn	11:26:33.18	0.80
			Sn	26:46.28	-1.70
KRUC	117.3	355	Pn	11:26:33.01	0.25
			Sn	26:48.63	-0.02
MPLH	119.8	141	Sn	11:26:48.82	-0.39
PKSG	154.8	116	Sn	11:26:59.06	2.09

721.

 2018-07-27 time: 8:40:31.08 UTC ML= 1.2
 lat: 47.570N lon: 18.481E h= 0.0 km
 erh= 3.2km erz= ***km
 nr= 10 gap=129 rms=0.84
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	21.0	199	Pg	8:40:35.18	0.36
			Sg	40:37.97	0.23
CSKK	28.4	216	Pg	8:40:36.10	-0.05
			Sg	40:39.56	-0.54
MPLH	83.9	238	Sg	8:40:57.27	-0.47
EGYH	88.3	259	Sg	8:41:00.39	1.26
VYHS	106.1	14	Pg	8:40:50.86	0.84
			Sg	41:03.59	-1.20
PSZ	112.8	70	Sg	8:41:07.08	0.14
MODS	126.7	315	eSg	8:41:08.60	-2.76

722.

 2018-07-28 time: 2:22:07.82 UTC ML= 1.6
 lat: 47.659N lon: 19.547E h= 11.5 km
 erh= 1.1km erz= 1.0km
 nr= 34 gap= 67 rms=0.64
 Locality: Kartal
 Comments:

sta	dist	azm	phase	hr mn sec	res
PENC	24.7	306	Pg	2:22:13.38	0.69
			Sg	22:16.84	0.36
PSZ	38.9	42	Pg	2:22:14.68	-0.38
			Sg	22:20.48	-0.23
BUD	43.9	244	Sg	2:22:21.66	-0.58
			Sg	2:22:29.19	-0.36
PKS7	74.0	203	Pg	2:22:21.93	0.74
			Sg	22:31.27	-0.34
A336	75.9	327	Pg	2:22:21.65	0.13
			Sg	22:31.42	-0.79
PKSN	88.1	164	Pg	2:22:24.64	0.96
			Sg	22:35.53	-0.52
PKSG	92.0	251	Pg	2:22:24.65	0.28
			Sg	22:36.48	-0.80
CSKK	102.3	251	P*	2:22:26.53	0.48
			S*	22:39.50	-0.78
VYHS	106.9	330	Pn	2:22:27.17	0.45
			Sn	22:41.14	-0.31
PKB2	111.8	192	Sn	2:22:41.14	-1.41
PKB1	112.8	210	Pn	2:22:26.94	-0.51
			Sn	22:41.26	-1.49
KECS	115.3	37	Pn	2:22:28.62	0.85
			Sn	22:43.27	-0.05
PKS6	117.7	179	Sn	2:22:43.58	-0.27
PKB5	133.3	207	Pn	2:22:30.66	0.65
			Sn	22:46.62	-0.69
PKB3	139.9	191	Sn	2:22:48.98	0.21
			Pn	2:22:31.81	0.36
ABAH	144.9	61	Sn	22:49.29	-0.60
			Sn	2:22:50.85	0.34
PKS9	153.1	219	Sn	2:22:53.49	1.78
MORH	174.5	203	Sn	2:22:57.07	0.61
PKSM	175.0	203	Sn	2:22:57.17	0.61
LTVH	179.9	100	Pn	2:22:34.98	-0.84

Hypocenter Parameters

Földrengés paraméterek

723.

2018-07-28 time: 23:57:26.72 UTC ML= 1.0
 lat: 48.057N lon: 19.486E h= 5.8 km
 erh= 1.6km erz=11.6km
 nr= 9 gap=162 rms=0.33
 Locality: Varsány
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PENC	33.3	207	Pg	23:57:33.05			0.29
			Sg	57:37.20			-0.27
PSZ	34.1	117	PgU	23:57:33.16			0.25
			Sg	57:37.61			-0.12
A336	41.2	298	PgU	23:57:34.51			0.35
			Sg	57:39.90			-0.06
VYHS	68.5	315	Pg	23:57:38.94			-0.06
			Sg	57:47.08			-1.50
A338	84.7	267	Pg	23:57:41.61			-0.27

724.

2018-07-30 time: 9:48:06.16 UTC ML= 1.8
 lat: 47.685N lon: 18.475E h= 0.0 km
 erh= 1.9km erz= 3.7km
 nr= 20 gap= 84 rms=1.13
 Locality: Tardosbánya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SRO	18.8	320	Pg	9:48:09.73			0.22
			Sg	48:13.25			1.13
PKSG	33.2	191	Pg	9:48:13.25			1.17
			Sg	48:18.22			1.53
CSKK	39.2	204	Sg	9:48:19.48			0.86
BUD	46.9	118	Sg	9:48:20.91			-0.16
PKST	57.8	215	Pg	9:48:16.79			0.31
			Sg	48:24.24			-0.29
PENC	61.6	79	Pg	9:48:17.82			0.66
			Sg	48:25.65			-0.10
A336	72.5	33	Sg	9:48:27.78			-1.41
VYHS	93.9	17	ePg	9:48:24.80			1.87
			eSg	48:33.80			-2.22
PSZ	109.5	76	Sg	9:48:40.41			-0.54
ZST	117.3	299	Sg	9:48:41.82			-1.61
MODS	117.7	311	ePg	9:48:26.90			-0.27
			eSg	48:41.70			-1.87
MORH	163.8	175	Sn	9:48:52.96			-2.07
PKSM	164.2	176	Pn	9:48:33.88			0.22
			Sn	48:52.96			-2.16

725.

2018-07-31 time: 7:16:53.05 UTC ML= 1.8
 lat: 48.540N lon: 19.343E h= 0.0 km
 erh= 2.0km erz= 2.8km
 nr= 12 gap=191 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	37.8	262	Pg	7:16:59.88			0.09
			Sg	17:04.60			-0.45
A336	42.6	217	Pg	7:17:00.88			0.23
			Sg	17:06.51			-0.07
PSZ	80.4	149	Pg	7:17:08.01			0.61
			Sg	17:18.14			-0.46
PENC	83.5	183	Sg	7:17:19.54			-0.04
KECS	84.7	94	Pg	7:17:08.01			-0.16
			Sg	17:18.96			-1.01
ABAH	143.0	101	Pn	7:17:18.86			0.95
PKSG	146.1	209	Sn	7:17:37.92			-0.08
MODS	153.9	263	eSn	7:17:36.80			-2.92*

726.

2018-07-31 time: 8:25:20.28 UTC ML= 1.2
 lat: 48.586N lon: 20.766E h= 0.0 km
 erh= 3.4km erz= 4.5km
 nr= 9 gap=165 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	23.7	241	Pg	8:25:24.50			0.00
			Sg	25:27.56			-0.24
ABAH	47.6	133	Pg	8:25:29.07			0.29
			Sg	25:34.33			-1.09
PSZ	98.5	221	Pg	8:25:38.85			0.98
			Sg	25:51.59			-0.01
KOLS	117.3	71	Sg	8:25:57.44			-0.13
VYHS	142.9	266	Pn	8:25:45.44			0.31
			Sn	26:03.11			-1.40

727.

2018-07-31 time: 15:56:43.59 UTC ML= 1.5
 lat: 45.957N lon: 17.285E h= 17.4 km
 erh= 1.9km erz= 2.6km
 nr= 19 gap= 88 rms=0.48
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	64.8	77	P*	15:56:55.36			-0.20
			S*	57:04.87			-0.03
BEHE	69.2	325	P*	15:56:56.81			0.57
			S*	57:06.35			0.24
PKSV	75.4	96	P*	15:56:57.34			0.15
KOGS	96.7	304	P*	15:57:00.56			0.14
			S*	57:12.64			-0.91
PTJ	103.1	266	Pn	15:57:01.70			0.44
PKS9	103.8	48	Pn	15:57:01.16			-0.19
			Sn	57:15.14			-0.05
PKSM	108.7	75	Pn	15:57:01.26			-0.70
			Sn	57:15.97			-0.31
MORH	109.0	75	Pn	15:57:01.29			-0.71
			Sn	57:16.14			-0.21
PKB4	118.1	60	Sn	15:57:18.34			-0.03
PKB5	132.4	58	Sn	15:57:22.57			1.02
BLY	134.5	183	Pn	15:57:05.76			0.58
CRES	142.6	264	Sn	15:57:23.71			-0.10
PKB1	148.0	52	Sn	15:57:26.54			1.53

728.

2018-08-01 time: 7:35:32.05 UTC ML= 1.3
 lat: 47.345N lon: 18.447E h= 0.0 km
 erh= 2.1km erz= 497km
 nr= 9 gap=212 rms=0.38
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.7	321	PgU	7:35:33.25			0.00
			Sg	35:33.72			-0.46
CSKK	14.2	278	Pg	7:35:34.58			-0.01
			Sg	35:36.16			-0.41
PKST	32.6	253	Pg	7:35:38.44			0.57
			Sg	35:42.38			-0.04
MORH	126.4	173	Pg	7:35:55.14			0.52
			Sg	36:12.16			-0.07
PKSM	126.8	173	Sg	7:36:11.73			-0.64

Földrengés paraméterek

Hypocenter Parameters

729.

2018-08-01 time: 8:24:45.35 UTC ML= 1.5
 lat: 47.845N lon: 19.109E h= 0.0 km
 erh= 1.4km erz= 488km
 nr= 9 gap=117 rms=0.37
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	14.3	115	Pg	8:24:48.05	0.15
			Sg	24:50.24	0.36
A336	43.9	349	Pg	8:24:53.53	0.33
			Sg	24:59.55	0.23
PSZ	59.3	82	Pg	8:24:55.96	0.02
			Sg	25:03.49	-0.71
PKSG	73.9	227	Sg	8:25:08.56	-0.27
VYHS	75.0	344	Sg	8:25:08.51	-0.67
KECS	124.6	55	ePg	8:25:07.80	0.20
			eSg	25:22.60	-2.35*

730.

2018-08-01 time: 8:30:22.52 UTC ML= 1.7
 lat: 48.677N lon: 20.368E h= 0.0 km
 erh= 4.9km erz= ***km
 nr= 6 gap=173 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.2	158	Pg	8:30:26.56	-0.11
			Sg	30:29.59	-0.32
CRVS	84.1	73	ePg	8:30:37.80	0.26
PSZ	91.4	203	Sg	8:30:51.64	0.06
A336	112.7	244	Sg	8:30:59.74	1.40
VYHS	114.9	260	Sg	8:30:57.59	-1.44

731.

2018-08-01 time: 9:51:05.35 UTC ML= 0.7
 lat: 46.142N lon: 18.044E h= 0.0 km
 erh= 1.8km erz= 268km
 nr= 8 gap=290 rms=0.20
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	7.4	144	Pg	9:51:06.73	0.06
			Sg	51:07.96	0.25
PKSV	32.5	150	Pg	9:51:10.89	-0.27
			Sg	51:15.49	-0.19
PKSM	46.8	80	Pg	9:51:13.93	0.22
			Sg	51:20.01	-0.22
MORH	47.1	80	Pg	9:51:13.93	0.17
			Sg	51:20.21	-0.11

732.

2018-08-01 time: 10:01:03.54 UTC ML= 1.9
 lat: 48.152N lon: 16.917E h= 0.0 km
 erh= 2.2km erz= 2.8km
 nr= 22 gap= 79 rms=1.09
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	14.6	70	Pg	10:01:07.04	0.89
			Sg	01:08.52	0.33
MODS	36.4	47	ePg	10:01:10.60	0.56
			eSg	01:15.40	0.30
RONA	68.4	223	Pg	10:01:16.46	0.70
			Sg	01:24.81	-0.49
CONA	82.6	252	Sg	10:01:29.21	-0.57

A338	108.0	98	Sg	10:01:38.09	0.22
KRUC	108.3	339	Pg	10:01:23.79	0.92
			Sg	01:35.64	-2.31
MPLH	118.7	157	Sg	10:01:40.12	-1.17
PKST	129.9	140	Sg	10:01:42.72	-2.13
VRAC	130.8	350	Pn	10:01:26.76	-0.12
			Sn	01:43.68	-1.41
CSKK	133.5	131	Sn	10:01:42.77	-2.93
ARSA	144.9	226	Pn	10:01:29.89	1.25
			Sn	01:47.83	-0.39
VYHS	147.3	75	Pn	10:01:30.04	1.10
			Sn	01:47.50	-1.25
A336	155.0	87	Sn	10:01:50.40	-0.07
MOA	200.7	260	Pn	10:01:36.95	1.35
			Sn	02:01.85	1.24

733.

2018-08-01 time: 10:10:11.13 UTC ML= 1.7
 lat: 48.353N lon: 19.856E h= 0.0 km
 erh= 1.3km erz= 510km
 nr= 13 gap= 91 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	48.4	177	Pg	10:10:19.53	-0.25
			Sg	10:26.96	0.43
KECS	48.8	73	Pg	10:10:20.23	0.38
			Sg	10:27.16	0.52
A336	65.0	258	Pg	10:10:22.64	-0.09
			Sg	10:31.98	0.19
PENC	75.8	214	Sg	10:10:35.49	0.26
VYHS	77.1	282	Pg	10:10:24.85	-0.05
			Sg	10:34.59	-1.05
LANS	93.1	342	ePg	10:10:28.10	0.34
ABAH	102.8	94	Pg	10:10:29.27	-0.22
			Sg	10:42.44	-1.37
A338	118.0	251	Sg	10:10:48.47	-0.15

734.

2018-08-01 time: 10:56:59.32 UTC ML= 0.8
 lat: 47.208N lon: 18.279E h= 0.0 km
 erh= 1.7km erz= 226km
 nr= 6 gap=265 rms=0.13
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.4	355	Pg	10:57:02.68	0.26
			Sg	57:04.69	-0.15
PKST	19.4	287	Pg	10:57:02.70	-0.08
			Sg	57:05.51	0.02
PKSG	22.2	22	Pg	10:57:03.21	-0.07
			Sg	57:06.39	0.02

735.

2018-08-01 time: 11:00:14.04 UTC ML= 1.6
 lat: 48.255N lon: 21.254E h= 0.0 km
 erh= 1.7km erz= 383km
 nr= 6 gap=152 rms=0.23
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	4.7	347	Pg	11:00:14.97	0.08
			Sg	00:15.82	0.27
KECS	62.4	294	Pg	11:00:24.82	-0.36
			Sg	00:33.65	-0.21
TRPA	96.5	98	Pg	11:00:31.24	-0.04
PSZ	108.0	250	Pg	11:00:33.58	0.26

Hypocenter Parameters

Földrengés paraméterek

736.

2018-08-01 time: 11:13:05.64 UTC ML= 2.0
 lat: 48.232N lon: 21.244E h= 0.0 km
 erh= 2.1km erz= 4.3km
 nr= 11 gap=154 rms=0.60
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	7.1	357	Pg	11:13:07.09	0.19
			Sg	13:07.74	-0.15
KECS	62.7	296	Sg	11:13:24.71	-0.87
CRVS	76.2	12	ePg	11:13:20.00	0.76
			eSg	13:32.90	3.04*
TRPA	97.0	97	Pg	11:13:23.13	0.17
			Sg	13:35.83	-0.63
PSZ	106.5	251	Pg	11:13:25.27	0.62
			Sg	13:38.57	-0.90
KOLS	108.8	44	Sg	11:13:39.63	-0.59
A336	166.8	270	Sn	11:13:55.74	0.57

737.

2018-08-01 time: 12:54:11.36 UTC ML= 1.5
 lat: 47.605N lon: 16.354E h= 5.2 km
 erh= 3.2km erz= 2.8km
 nr= 13 gap=147 rms=0.85
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	11.4	338	Pg	12:54:13.47	-0.13
			Sg	54:15.80	0.46
SOP	17.7	60	PgU	12:54:14.55	-0.10
			Sg	54:17.23	0.01
CONA	51.5	314	Pg	12:54:20.71	0.11
			Sg	54:27.50	-0.32
ARSA	74.0	238	Sg	12:54:32.50	-2.45
GROS	142.7	207	Pn	12:54:35.97	0.45
			Sn	54:53.15	-1.21
MOA	159.0	280	Pn	12:54:39.22	1.68
			Sn	54:59.49	1.52
KRUC	162.0	1	Pn	12:54:37.83	-0.09
			Sn	54:57.53	-1.12

738.

2018-08-01 time: 21:46:09.17 UTC ML= 1.5
 lat: 46.116N lon: 17.068E h= 7.1 km
 erh= 4.7km erz= 2.5km
 nr= 15 gap=182 rms=0.81
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
BEHE	45.4	330	Sg	21:46:23.61	-0.18
KOGS	73.1	300	Pg	21:46:23.14	0.85
			Sg	46:31.02	-1.49
KOVH	79.8	92	Pg	21:46:23.71	0.23
			Sg	46:33.74	-0.90
PKSV	95.1	105	Pg	21:46:27.01	0.81
			Sg	46:39.56	0.07
PKSM	122.0	85	Pn	21:46:29.94	-0.57
			Sn	46:45.48	-1.68
MORH	122.2	85	Pn	21:46:30.01	-0.53
			Sn	46:46.59	-0.62
PKB4	125.6	70	Sn	21:46:48.55	0.58
GROS	126.7	288	Pn	21:46:31.58	0.48
PKB5	139.0	67	Sn	21:46:51.64	0.71
PKB1	151.9	61	Sn	21:46:55.40	1.60

739.

2018-08-02 time: 8:42:08.99 UTC ML= 1.2
 lat: 48.025N lon: 20.704E h= 0.0 km
 erh= 3.0km erz= 598km
 nr= 6 gap=206 rms=0.41
 Locality: Kisgyőr
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	50.0	53	Pg	8:42:18.37	0.45
			Sg	42:24.60	-0.28
KECS	53.5	342	Pg	8:42:18.87	0.33
PSZ	61.6	259	Sg	42:25.20	-0.78
			Pg	8:42:20.09	0.11
			Sg	42:28.17	-0.39

740.

2018-08-02 time: 9:04:45.26 UTC ML= 1.9
 lat: 48.586N lon: 20.785E h= 0.0 km
 erh= 1.3km erz= 1.8km
 nr= 11 gap=112 rms=0.36
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.9	243	Pg	9:04:50.43	0.72
ABAH	46.6	134	Sg	04:52.89	-0.29
			Pg	9:04:53.75	0.17
CRVS	60.9	55	Sg	04:59.78	-0.29
			ePg	9:04:56.50	0.37
			eSg	05:04.30	-0.30
LANS	115.2	303	Pg	9:05:05.57	-0.26
KOLS	116.0	71	Sg	9:05:22.04	-0.09
A336	138.0	253	Pn	9:05:09.61	0.12
			Sn	05:28.09	-0.31
VYHS	144.3	266	Sn	9:05:29.20	-0.60

741.

2018-08-02 time: 9:25:59.61 UTC ML= 1.0
 lat: 46.260N lon: 18.473E h= 0.0 km
 erh= 0.7km erz= 290km
 nr= 16 gap=101 rms=0.25
 Locality: Hidas
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSM	14.1	112	Pg	9:26:01.83	-0.29
MORH	14.1	110	Sg	26:04.36	0.28
			Pg	9:26:01.80	-0.33
PKB4	28.2	21	Sg	26:04.29	0.19
			Pg	9:26:05.02	0.37
KOVH	34.5	237	Sg	26:08.58	0.01
			Pg	9:26:05.67	-0.11
			Sg	26:10.39	-0.20
PKS9	39.3	338	Pg	9:26:06.92	0.29
PKB5	42.4	28	Pg	9:26:07.02	-0.17
PKSV	44.6	202	Pg	9:26:08.00	0.41
PKB1	63.3	23	Sg	26:13.80	-0.01
			Pg	9:26:10.74	-0.17
PKST	116.0	343	Sg	26:19.75	0.03
			Pg	9:26:20.18	-0.15
			Sg	26:34.99	-1.50*

742.

2018-08-03 time: 8:24:05.10 UTC ML= 1.5
 lat: 48.624N lon: 20.762E h= 0.0 km
 erh= 2.8km erz= 3.3km
 nr= 15 gap=117 rms=1.06
 Locality: Slovakia
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
KECS	25.7	233	Pg	8:24:10.12	0.43
			Sg	24:13.37	0.10
ABAH	50.8	136	Pg	8:24:14.39	0.22
			Sg	24:19.92	-1.32
CRVS	60.0	59	ePg	8:24:16.80	0.98
			eSg	24:24.70	0.52
PSZ	101.5	219	Pg	8:24:24.77	1.54
			Sg	24:37.14	-0.22
LANS	111.5	302	Pg	8:24:25.24	0.22
			Sg	24:36.38	-4.17
KOLS	116.3	73	Sg	8:24:41.92	-0.14
A336	137.5	252	Sn	8:24:46.76	-1.38
TRPA	142.6	113	Sn	8:24:47.01	-2.27
VYHS	142.9	264	Pn	8:24:30.58	0.63
			Sn	24:48.49	-0.85

743.

2018-08-03 time: 9:23:55.01 UTC ML= 0.9
 lat: 46.178N lon: 18.294E h= 0.0 km
 erh= 0.8km erz= 141km
 nr= 7 gap=205 rms=0.09
 Locality: Zobákpusztá
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.0	237	Pg	9:23:58.11	-0.12
			Sg	24:00.80	0.07
PKSM	27.1	82	Pg	9:23:59.96	0.11
			Sg	24:03.65	0.03
MORH	27.4	81	Pg	9:23:59.94	0.04
			Sg	24:03.55	-0.16
PKSV	32.3	186	Sg	9:24:05.29	0.01

744.

2018-08-03 time: 10:19:51.04 UTC ML= 1.1
 lat: 47.230N lon: 18.312E h= 0.0 km
 erh= 1.8km erz= 565km
 nr= 11 gap=158 rms=0.46
 Locality: Moha
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	15.3	345	Pg	10:19:53.98	0.21
			Sg	19:55.68	-0.22
PKST	21.2	279	Pg	10:19:54.46	-0.38
			Sg	19:57.44	-0.36
MPLH	58.9	263	Pg	10:20:01.77	0.21
			Sg	20:10.21	0.45
PKB1	61.6	144	Pg	10:20:02.78	0.74
MORH	115.6	167	Pg	10:20:11.64	-0.04
			Sg	20:27.08	-0.70
PKSM	116.0	167	Pg	10:20:11.79	0.04
			Sg	20:25.89	-2.02

745.

2018-08-04 time: 16:06:29.86 UTC ML= 1.2
 lat: 46.013N lon: 16.028E h= 1.0 km
 erh= 0.2km erz= 2.8km
 nr= 5 gap=243 rms=0.28
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	13.7	203	Pg	16:06:32.33	0.02
			Sg	06:33.69	-0.54
CRES	49.0	245	Pg	16:06:38.98	0.37
			Sg	06:45.45	0.02
GROS	64.2	321	Sg	16:06:50.16	-0.12

746.

2018-08-04 time: 22:15:58.97 UTC ML= 0.5
 lat: 45.831N lon: 18.148E h= 14.3 km
 erh= 1.2km erz= 1.0km
 nr= 8 gap=301 rms=0.12
 Locality: Drávacsepeley
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	10.3	52	Pg	22:16:02.00	-0.12
			Sg	16:04.70	0.13
KOVH	28.8	353	Pg	22:16:04.58	-0.14
			Sg	16:09.31	0.11
PKSM	57.0	42	Pg	22:16:09.60	0.14
			Sg	16:17.55	-0.10
MORH	57.5	42	Pg	22:16:09.65	0.10
			Sg	16:17.67	-0.12

747.

2018-08-06 time: 8:29:06.65 UTC ML= 1.6
 lat: 48.799N lon: 20.102E h= 0.0 km
 erh= 2.1km erz= 4.7km
 nr= 14 gap= 91 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	45.1	141	Pg	8:29:15.09	0.38
			Sg	29:20.86	-0.13
LANS	60.6	310	Pg	8:29:17.86	0.38
			Sg	29:24.96	-0.97
NIE	70.6	13	Pg	8:29:19.87	0.62
			Sg	29:28.06	-1.02
VYHS	99.3	250	Pg	8:29:24.76	0.39
			Sg	29:36.95	-1.25
CRVS	100.4	83	Pg	8:29:25.01	0.43
			Sg	29:36.31	-2.26
A336	103.0	232	Pg	8:29:25.65	0.61
			Sg	29:38.67	-0.71
OJC	159.5	352	Pn	8:29:34.59	1.03
			Sn	29:54.30	-0.26

748.

2018-08-06 time: 8:32:40.91 UTC ML= 1.1
 lat: 47.219N lon: 18.294E h= 0.0 km
 erh= 3.6km erz= 970km
 nr= 9 gap=175 rms=0.73
 Locality: Moha
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.2	351	Sg	8:32:45.10	-0.97
PKST	20.1	283	Pg	8:32:45.23	0.72
			Sg	32:47.45	0.14
MPLH	57.4	265	Pg	8:32:51.87	0.71
			Sg	32:58.15	-1.01
MORH	114.7	166	Pg	8:33:01.79	0.39
			Sg	33:16.42	-0.95
PKSM	115.1	167	Pg	8:33:02.00	0.54
			Sg	33:16.58	-0.91

749.

2018-08-06 time: 9:15:45.01 UTC ML= 0.9
 lat: 46.131N lon: 18.041E h= 0.0 km
 erh= 0.7km erz= 103km
 nr= 7 gap=290 rms=0.07
 Locality: Hetvehely
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
KOVH	6.5	136	PgU	9:15:46.11	-0.07
			Sg	15:47.18	0.09
PKSV	31.5	149	Sg	9:15:54.98	-0.04
PKSM	47.2	79	Pg	9:15:53.51	0.06
			Sg	16:00.01	-0.02
MORH	47.5	78	Pg	9:15:53.56	0.06
			Sg	16:00.01	-0.11

750.

2018-08-06 time: 9:17:30.35 UTC ML= 1.1
 lat: 46.138N lon: 18.025E h= 0.0 km
 erh= 0.5km erz=65.9km
 nr= 7 gap=292 rms=0.05
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	8.0	134	Pg	9:17:31.78	0.00
			Sg	17:32.95	0.05
PKSV	32.9	148	Sg	9:17:40.73	-0.06
PKSM	48.3	80	Pg	9:17:39.03	0.05
			Sg	17:45.72	0.01
MORH	48.6	80	Pg	9:17:39.03	0.00
			Sg	17:45.72	-0.08

751.

2018-08-07 time: 8:37:54.89 UTC ML= 1.9
 lat: 48.819N lon: 21.193E h= 0.0 km
 erh= 2.3km erz= 3.7km
 nr= 13 gap= 98 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	21.8	65	ePg	8:37:59.00	0.23
			eSg	38:01.60	-0.20
ABAH	58.3	177	Pg	8:38:05.89	0.60
			Sg	38:13.37	-0.03
KECS	64.1	234	Pg	8:38:06.50	0.16
			Sg	38:14.23	-1.04
KOLS	80.2	81	Pg	8:38:09.19	-0.03
			Sg	38:19.98	-0.41
TRPA	125.6	128	Sg	8:38:33.11	-1.69
PSZ	138.9	224	Pn	8:38:19.52	0.28
VYHS	177.4	258	Pn	8:38:24.97	0.93
OJC	185.6	327	Pn	8:38:24.61	-0.46
			Sn	38:48.53	-0.08

752.

2018-08-07 time: 9:01:26.26 UTC ML= 0.6
 lat: 46.187N lon: 18.289E h= 0.0 km
 erh= 1.2km erz= 220km
 nr= 7 gap=210 rms=0.16
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.3	233	Pg	9:01:29.42	-0.11
			Sg	01:32.47	0.39
PKSM	27.3	84	Pg	9:01:31.20	0.07
			Sg	01:34.68	-0.25
MORH	27.6	83	Pg	9:01:31.30	0.12
PKSV	33.3	185	Pg	9:01:32.17	-0.04
			Sg	01:36.75	-0.10

753.

2018-08-07 time: 9:17:04.13 UTC ML= 1.5
 lat: 48.583N lon: 20.759E h= 0.0 km
 erh= 1.4km erz= 1.6km
 nr= 10 gap=150 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.0	241	Pg	9:17:08.78	0.53
			Sg	17:11.83	0.37
ABAH	47.8	132	Pg	9:17:12.65	-0.02
			Sg	17:19.01	-0.33
CRVS	62.7	56	ePg	9:17:15.30	-0.02
PSZ	97.9	221	Pg	9:17:21.68	0.06
			Sg	17:35.04	-0.22
A336	136.0	253	Sn	9:17:46.03	-0.80
VYHS	142.3	266	Pn	9:17:29.29	0.38
			Sn	17:47.40	-0.84

754.

2018-08-07 time: 9:45:06.93 UTC ML= 1.3
 lat: 47.152N lon: 18.299E h= 0.0 km
 erh= 4.6km erz= 584km
 nr= 5 gap=279 rms=0.27
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	23.3	301	Pg	9:45:11.50	0.40
			Sg	45:14.45	0.11
CSKK	23.6	353	Pg	9:45:11.19	0.03
			Sg	45:14.14	-0.31
MPLH	57.6	272	Pg	9:45:16.94	-0.29

755.

2018-08-08 time: 6:28:57.44 UTC ML= 1.2
 lat: 47.904N lon: 19.400E h= 0.0 km
 erh= 1.3km erz= 444km
 nr= 7 gap=127 rms=0.30
 Locality: Becske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	15.5	215	Pg	6:29:00.04	-0.16
			Sg	29:02.36	0.01
PSZ	37.0	88	Pg	6:29:03.98	-0.06
			Sg	29:09.39	0.20
A336	47.2	321	Pg	6:29:06.41	0.54
			Sg	29:11.91	-0.54
VYHS	77.8	327	Sg	6:29:22.06	-0.11

756.

2018-08-08 time: 7:32:20.76 UTC ML= 1.3
 lat: 47.114N lon: 17.976E h= 0.0 km
 erh= 2.9km erz= 945km
 nr= 9 gap=121 rms=0.71
 Locality: Kádárta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.7	15	Pg	7:32:23.70	-0.04
			Sg	32:26.53	0.46
TIH	24.6	195	Pg	7:32:26.48	1.33
MPLH	33.7	281	Sg	7:32:31.04	-0.41
CSKK	35.1	38	Pg	7:32:27.26	0.23
			Sg	32:31.14	-0.78
PKS9	63.0	158	Sg	7:32:40.49	-0.29
KOVH	114.4	175	Pg	7:32:41.25	0.06
			Sg	32:55.44	-1.68

Földrengés paraméterek

Hypocenter Parameters

757.

2018-08-08 time: 7:42:31.32 UTC ML= 1.1
 lat: 47.296N lon: 18.358E h= 0.0 km
 erh= 2.9km erz= 548km
 nr= 6 gap=214 rms=0.35
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	10.5	315	Pg	7:42:32.81	-0.38
			Sg	42:34.41	-0.24
PKST	24.8	260	Pg	7:42:36.14	0.39
			Sg	42:39.34	0.13
MORH	122.1	170	Pg	7:42:53.50	0.38
			Sg	43:09.67	-0.46

758.

2018-08-08 time: 8:59:50.45 UTC ML= 1.4
 lat: 48.583N lon: 20.737E h= 0.0 km
 erh= 2.0km erz= 2.9km
 nr= 11 gap=112 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.7	239	Pg	8:59:54.72	0.40
			Sg	59:57.80	0.46
ABAH	49.0	131	Pg	8:59:59.74	0.54
			Sg	9:00:05.79	-0.24
CRVS	64.0	56	ePg	8:60:01.80	-0.08
PSZ	96.9	220	Sg	8:60:20.48	-0.77
LANS	112.5	304	ePg	8:60:10.40	-0.14
KOLS	119.4	71	Sg	8:60:28.14	-0.28
A336	134.5	253	Sn	8:60:32.11	-0.71
VYHS	140.8	266	Pn	8:60:15.67	0.63
			Sn	60:32.36	-1.85

759.

2018-08-08 time: 9:33:50.67 UTC ML= 0.6
 lat: 47.185N lon: 18.306E h= 0.0 km
 erh= 1.5km erz= 435km
 nr= 8 gap=151 rms=0.31
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	20.1	350	Pg	9:33:54.62	0.36
			Sg	33:56.53	-0.52
PKST	22.1	292	Pg	9:33:54.76	0.14
			Sg	33:57.57	-0.14
PKSG	23.9	16	Pg	9:33:55.00	0.07
			Sg	33:58.23	-0.02
MORH	110.8	166	Sg	9:34:26.18	0.28
PKSM	111.2	167	Sg	9:34:25.40	-0.62

760.

2018-08-08 time: 11:20:10.56 UTC ML= 1.5
 lat: 47.950N lon: 20.071E h= 0.0 km
 erh= 3.2km erz= 672km
 nr= 9 gap=187 rms=0.51
 Locality: Mátraderecske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	13.6	255	Pg	11:20:13.18	0.19
			Sg	20:15.08	0.19
PENC	61.7	253	Pg	11:20:21.28	-0.29
			Sg	20:30.14	-0.01
KECS	66.8	27	Sg	11:20:32.39	0.60

A336	85.8	292	Pg	11:20:26.32	0.44
ABAH	95.1	66	Sg	11:20:39.94	-0.85
VYHS	109.9	303	Pg	11:20:30.42	0.24
			Sg	20:44.13	-1.35

761.

2018-08-09 time: 0:08:09.18 UTC ML= 1.0
 lat: 46.983N lon: 18.693E h= 10.0 km
 erh= 1.2km erz= 1.6km
 nr= 22 gap= 86 rms=0.52
 Locality: Hantos
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKB1	23.3	161	Pg	0:08:13.72	0.01
			Sg	08:17.24	0.00
PKS7	36.3	79	Pg	0:08:16.04	0.15
			Sg	08:21.14	0.01
PKB5	43.2	176	Sg	0:08:22.51	-0.77
PKSG	50.9	333	Pg	0:08:18.39	-0.06
			Sg	08:25.08	-0.59
CSKK	53.5	322	Pg	0:08:19.18	0.28
			Sg	08:26.26	-0.22
PKS9	54.2	216	Pg	0:08:20.12	1.10
			Sg	08:27.21	0.51
PKB4	54.5	187	Sg	0:08:25.88	-0.92
PKST	58.7	302	Pg	0:08:20.12	0.31
			Sg	08:27.58	-0.52
PKS2	67.5	144	Pg	0:08:21.78	0.42
MORH	85.3	183	Pg	0:08:24.84	0.32
			Sg	08:35.77	-0.72
PKSM	85.8	183	Pg	0:08:25.02	0.42
			Sg	08:36.04	-0.60
KOVH	109.4	205	Pn	0:08:29.08	0.51
			Sn	08:42.35	-1.35
PSZ	137.9	41	Sn	0:08:49.52	-0.51

762.

2018-08-09 time: 8:45:14.09 UTC ML= 1.2
 lat: 47.100N lon: 18.007E h= 0.0 km
 erh= 0.8km erz= 298km
 nr= 12 gap=112 rms=0.25
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.8	7	Pg	8:45:16.87	-0.41
			Sg	45:19.69	-0.07
CSKK	35.0	33	Pg	8:45:20.49	0.14
			Sg	45:25.23	0.00
MPLH	36.3	282	Pg	8:45:21.03	0.45
			Sg	45:25.71	0.08
PKSG	43.6	42	Pg	8:45:21.70	-0.18
			Sg	45:28.21	0.26
MORH	109.7	154	Pg	8:45:33.71	0.02
PKSM	110.0	154	Pg	8:45:33.78	0.04
KOVH	112.7	176	Pg	8:45:34.16	-0.05
			Sg	45:49.02	-0.88

763.

2018-08-09 time: 9:17:40.08 UTC ML= 1.3
 lat: 47.098N lon: 18.038E h= 0.0 km
 erh= 1.6km erz= 528km
 nr= 11 gap=115 rms=0.42
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.9	359	Pg	9:17:42.70	-0.57
			Sg	17:45.33	-0.43
CSKK	33.9	30	Pg	9:17:46.45	0.31
			Sg	17:50.94	0.08

Hypocenter Parameters

MPLH 38.6 282 Sg 9:17:52.94 0.58
 PKSG 42.2 39 Pg 9:17:47.48 -0.13
 Sg 17:54.19 0.71
 MORH 108.5 155 Pg 9:17:59.56 0.10
 PKSM 108.8 155 Pg 9:17:59.49 -0.02
 KOVH 112.4 178 Pg 9:18:00.16 0.02
 Sg 18:14.23 -1.57

764.

2018-08-09 time: 10:01:23.53 UTC ML= 1.7
 lat: 48.196N lon: 16.988E h= 0.0 km
 erh=10.2km erz= 864km
 nr= 5 gap=245 rms=0.50
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ZST	8.5	90	Pg	10:01:25.04	-0.01
			Sg	01:26.15	-0.09
KRUC	105.7	336	Sg	10:01:56.72	-0.41
VRAC	127.0	347	Pg	10:01:47.09	0.88
			Sg	02:03.30	-0.60

765.

2018-08-09 time: 10:15:43.34 UTC ML= 2.0
 lat: 48.220N lon: 21.234E h= 0.0 km
 erh= 2.7km erz= 661km
 nr= 6 gap=156 rms=0.38
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	8.5	3	Pg	10:15:45.07	0.21
			Sg	15:45.97	-0.07
KECS	62.7	298	Pg	10:15:55.00	0.46
TRPA	97.6	96	Pg	10:16:00.87	0.11
PSZ	105.3	251	Sg	10:16:16.18	-0.63
KOLS	110.3	44	Sg	10:16:17.81	-0.60

766.

2018-08-09 time: 10:26:49.95 UTC ML= 1.8
 lat: 48.239N lon: 21.210E h= 0.0 km
 erh= 1.7km erz= 267km
 nr= 5 gap=231 rms=0.13
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	6.6	19	Pg	10:26:51.24	0.10
			Sg	26:51.92	-0.14
KECS	60.1	297	Pg	10:27:00.81	0.13
			Sg	27:09.09	0.03
PSZ	104.3	250	Pg	10:27:08.41	-0.17

767.

2018-08-10 time: 9:22:51.92 UTC ML= 1.2
 lat: 48.610N lon: 20.778E h= 0.0 km
 erh= 2.8km erz= 3.9km
 nr= 8 gap=167 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.8	237	Pg	9:22:56.53	0.01
			Sg	23:00.13	0.02
ABAH	48.9	136	Sg	9:23:07.16	-0.28
PSZ	101.1	220	Pg	9:23:10.66	0.69
			Sg	23:23.60	-0.45
KOLS	115.6	72	Sg	9:23:28.52	-0.15
VYHS	143.9	265	Pn	9:23:17.30	0.40

Földrengés paraméterek

Sn 23:35.20 -1.18

768.

2018-08-11 time: 9:14:19.83 UTC ML= 0.6
 lat: 46.169N lon: 18.299E h= 0.0 km
 erh= 0.7km erz= 236km
 nr= 9 gap=118 rms=0.18
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.8	240	Pg	9:14:22.68	-0.33
			Sg	14:25.51	0.02
PKSM	26.9	80	Pg	9:14:24.52	-0.11
			Sg	14:28.19	-0.18
MORH	27.2	79	Pg	9:14:24.78	0.10
			Sg	14:28.64	0.18
PKSV	31.4	187	Pg	9:14:25.71	0.27
			Sg	14:29.78	-0.03
PKS9	46.5	358	Sg	9:14:34.65	0.06

769.

2018-08-11 time: 13:52:22.33 UTC ML= 0.2
 lat: 47.397N lon: 18.127E h= 2.0 km
 erh= 4.5km erz=17.5km
 nr= 6 gap=247 rms=0.18
 Locality: Nagyveleg
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	10.7	110	Pg	13:52:24.60	0.32
			Sg	52:25.72	-0.08
PKST	16.8	205	Pg	13:52:25.39	0.03
			Sg	52:27.57	-0.15
PKSG	19.9	92	Pg	13:52:25.90	0.00
			Sg	52:28.43	-0.25

770.

2018-08-13 time: 7:09:14.82 UTC ML= 1.2
 lat: 45.671N lon: 17.815E h= 2.6 km
 erh= 2.6km erz= 1.3km
 nr= 8 gap=339 rms=0.18
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOVH	51.4	26	Pg	7:09:23.89	-0.12
			Sg	09:31.16	-0.03
PKSM	87.9	47	Pg	7:09:30.81	0.29
			Sg	09:42.65	-0.12
MORH	88.4	47	Pg	7:09:30.53	-0.08
			Sg	09:42.72	-0.20
PKB4	110.2	34	Sg	7:09:50.20	0.34
PKB5	125.0	35	Sn	7:09:54.46	-0.03

771.

2018-08-13 time: 8:51:39.54 UTC ML= 1.3
 lat: 47.542N lon: 18.569E h= 0.0 km
 erh= 2.1km erz= 3.0km
 nr= 16 gap=136 rms=0.65
 Locality: Nagygyháza
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	21.5	219	Pg	8:51:44.04	0.67
			Sg	51:46.35	-0.01
CSKK	30.6	229	Pg	8:51:44.55	-0.46
			Sg	51:48.71	-0.56
SRO	35.7	328	Sg	8:51:51.38	0.49
PKST	51.2	232	Pg	8:51:49.12	0.44

Földrengés paraméterek

Hypocenter Parameters

A336 83.3 23 Sg 51:54.50 -1.31
 MPLH 88.1 242 Sg 8:52:05.13 -0.88
 EGYH 94.3 262 Sg 8:52:07.69 0.15
 PKB5 106.1 173 Sg 8:52:10.20 0.70
 VYHS 107.7 11 Pg 8:52:13.61 0.35
 VYHS 107.7 11 Pg 8:51:59.86 1.09
 Sg 52:12.88 -0.89
 PKB3 133.2 159 Sn 8:52:21.49 -0.13
 MORH 147.6 178 Sn 8:52:24.50 -0.32
 PKSM 148.0 178 Sn 8:52:24.42 -0.49

772.

2018-08-13 time: 8:59:49.31 UTC ML= 1.4
 lat: 48.622N lon: 20.763E h= 0.0 km
 erh= 3.9km erz= 3.4km
 nr= 9 gap=232 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	25.7	233	Pg	8:59:54.20			0.30
			Sg	59:57.46			-0.01
ABAH	50.6	136	Pg	8:59:58.46			0.12
			Sg	9:00:04.78			-0.61
PSZ	101.4	219	Pg	8:60:08.57			1.15
			Sg	60:20.99			-0.56
A336	137.5	252	Sn	8:60:31.82			-0.54
VYHS	143.0	264	Pn	8:60:14.41			0.24
			Sn	60:31.82			-1.74

773.

2018-08-13 time: 9:33:04.94 UTC ML= 1.6
 lat: 45.502N lon: 17.972E h= 5.1 km
 erh= 3.4km erz= 2.9km
 nr= 8 gap=335 rms=0.24
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	48.1	27	Pg	9:33:14.12			0.53
KOVH	65.9	9	Pg	9:33:16.63			-0.11
			Sg	33:25.86			-0.08
PKSM	94.4	33	Pg	9:33:21.68			-0.15
			Sg	33:34.86			-0.15
MORH	94.9	33	Pg	9:33:21.68			-0.24
			Sg	33:35.41			0.25
PKS9	122.9	11	Pn	9:33:26.74			0.09

774.

2018-08-13 time: 10:37:29.56 UTC ML= 1.1
 lat: 46.187N lon: 17.986E h= 0.0 km
 erh= 2.9km erz= 494km
 nr= 9 gap=271 rms=0.39
 Locality: Bakóca
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	14.1	141	Pg	10:37:31.90			-0.18
			Sg	37:32.87			-1.17
PKSM	50.7	87	Pg	10:37:39.00			0.39
			Sg	37:45.64			-0.03
MORH	50.9	86	Pg	10:37:39.14			0.48
			Sg	37:45.71			-0.04
PKB4	58.7	54	Sg	10:37:48.20			-0.02
PKB5	73.4	52	Pg	10:37:42.80			0.14
			Sg	37:52.33			-0.55

775.

2018-08-14 time: 0:04:35.91 UTC ML= 1.8
 lat: 45.938N lon: 16.001E h= 4.4 km
 erh= 1.2km erz= 1.4km
 nr= 22 gap= 98 rms=0.40
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	5.4	218	Pg	0:04:36.72			-0.42
			Sg	04:37.52			-0.59
ZAG	12.1	183	Pg	0:04:38.18			-0.03
			Sg	04:40.53			0.53
GCIS	30.0	255	iPgC	0:04:41.38			0.06
			iSg	04:45.55			0.00
GOLS	30.3	285	iPg	0:04:41.71			0.34
			iSg	04:46.08			0.45
CESS	41.9	275	iPg	0:04:44.00			0.58
			eSg	04:49.48			0.19
CRES	44.0	254	iPg	0:04:43.62			-0.19
			iSg	04:49.69			-0.28
DOBS	47.4	300	iPg	0:04:44.52			0.12
			eSg	04:51.38			0.35
LEGS	53.0	271	iPg	0:04:45.46			0.06
			eSg	04:52.69			-0.12
KOGS	59.9	19	Pg	0:04:47.02			0.39
			Sg	04:54.31			-0.68
SOKA	111.0	318	Pg	0:04:54.76			-0.99
			Sg	05:08.54			-2.68*
OBKA	128.8	300	Pn	0:04:58.53			0.09
			Sn	05:15.39			-0.62
KOVH	163.4	84	Sn	0:05:23.91			0.21

776.

2018-08-14 time: 8:02:25.93 UTC ML= 1.3
 lat: 47.800N lon: 19.883E h= 0.0 km
 erh= 3.6km erz= 5.6km
 nr= 10 gap=187 rms=0.88
 Locality: Gyöngyöstarján
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	13.2	4	Pg	8:02:28.45			0.17
			Sg	02:29.94			-0.18
PENC	45.1	269	Sg	8:02:41.09			0.84
A336	81.7	306	Sg	8:02:51.33			-0.56
KECS	88.2	31	ePg	8:02:43.60			1.92
			eSg	02:53.90			-0.07
VYHS	109.6	315	Sg	8:02:59.82			-0.96
ABAH	115.2	61	Sg	8:03:01.96			-0.59
PKSG	121.1	248	Sg	8:03:04.21			-0.20
CSKK	131.4	248	Sn	8:03:06.46			-1.15

777.

2018-08-14 time: 8:15:54.91 UTC ML= 1.0
 lat: 48.619N lon: 20.747E h= 0.0 km
 erh= 4.5km erz= 3.7km
 nr= 9 gap=230 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.5	232	ePg	8:15:59.20			-0.09
			eSg	16:03.30			0.59
ABAH	51.1	135	Pg	8:16:05.18			1.14
			Sg	16:10.28			-0.88
PSZ	100.4	219	Pg	8:16:13.37			0.53
			Sg	16:26.31			-0.51
A336	136.3	252	Sn	8:16:37.05			-0.64
VYHS	141.8	264	Pn	8:16:19.39			-0.23
			Sn	16:38.49			-0.41

Hypocenter Parameters

Földrengés paraméterek

778.

2018-08-14 time: 9:12:41.67 UTC ML= 1.3
 lat: 47.026N lon: 17.969E h= 0.0 km
 erh= 1.9km erz= 634km
 nr= 9 gap=146 rms=0.47
 Locality: Felsőörs
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	26.4	11	Pg	9:12:46.09	-0.29
			Sg	12:50.80	0.75
MPLH	36.4	296	Pg	9:12:48.41	0.25
			Sg	12:53.08	-0.15
CSKK	43.5	30	Pg	9:12:48.30	-1.14
			Sg	12:55.78	0.28
PKSG	51.7	38	Sg	9:12:58.28	0.17
PKSM	104.1	150	Pg	9:13:00.46	0.20
			Sg	13:14.79	0.03

779.

2018-08-14 time: 9:55:01.42 UTC ML= 2.6
 lat: 48.538N lon: 17.452E h= 0.0 km
 erh= 1.2km erz= 1.7km
 nr= 10 gap=120 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	3.2	213	Pg	9:55:01.98	-0.02
			Sg	55:02.39	-0.06
ZST	46.0	214	Sg	9:55:16.73	0.67
KRUC	97.1	307	Pg	9:55:19.62	0.87
			Sg	55:32.02	-0.25
VYHS	102.3	93	Sg	9:55:34.13	0.18
VRAC	106.3	324	Sg	9:55:35.42	0.22
CONA	136.3	240	Pn	9:55:25.14	-0.30
			Sn	55:43.11	-1.07
MORC	137.9	3	Sn	9:55:43.37	-1.17

780.

2018-08-15 time: 6:24:53.49 UTC ML= 1.1
 lat: 47.945N lon: 20.094E h= 0.0 km
 erh= 4.5km erz= ***km
 nr= 8 gap=189 rms=0.74
 Locality: Mátraderecske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	15.2	259	Pg	6:24:56.45	0.24
			Sg	24:58.67	0.34
PENC	63.2	254	Sg	6:25:13.24	-0.33
KECS	66.6	26	Sg	6:25:15.50	0.85
A336	87.7	291	Sg	6:25:20.41	-0.95
ABAH	93.8	65	Sg	6:25:22.52	-0.78
VYHS	111.7	303	Pg	6:25:14.46	1.03
			Sg	25:27.99	-1.00

781.

2018-08-15 time: 8:37:00.90 UTC ML= 2.0
 lat: 47.407N lon: 18.389E h= 0.0 km
 erh= 2.4km erz= 1.5km
 nr= 7 gap=288 rms=0.98
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	1.7	176	PgU	8:37:02.01	0.82
			Sg	37:02.39	0.97
CSKK	10.9	244	Pg	8:37:03.28	0.44
			Sg	37:04.57	0.22

PKST	31.4	239	Sg	8:37:10.43	-0.46
MORH	133.8	172	Sn	8:37:41.28	-1.84
PKSM	134.2	172	Sn	8:37:41.44	-1.77

782.

2018-08-15 time: 8:37:42.47 UTC ML= 1.0
 lat: 47.322N lon: 18.444E h= 0.0 km
 erh= 3.2km erz= 699km
 nr= 7 gap=200 rms=0.48
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.7	333	Pg	8:37:44.02	-0.01
			Sg	37:44.52	-0.73
CSKK	14.6	288	Pg	8:37:45.64	0.56
			Sg	37:47.24	0.13
PKST	31.8	257	Pg	8:37:48.40	0.25
			Sg	37:51.58	-0.99
PKSM	124.4	173	Sg	8:38:22.20	0.20

783.

2018-08-16 time: 7:24:25.48 UTC ML= 0.7
 lat: 47.120N lon: 18.020E h= 0.0 km
 erh= 1.5km erz= 513km
 nr= 10 gap=124 rms=0.40
 Locality: Söly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	15.5	4	Pg	7:24:28.18	-0.06
			Sg	24:29.84	-0.56
CSKK	32.6	34	Pg	7:24:32.02	0.72
			Sg	24:35.42	-0.42
MPLH	36.9	279	Pg	7:24:32.37	0.31
			Sg	24:37.11	-0.08
PKSG	41.2	43	Pg	7:24:33.08	0.24
MORH	111.3	155	Pg	7:24:45.39	0.04
PKSM	111.6	155	Pg	7:24:45.35	-0.06
			Sg	25:00.00	-0.95

784.

2018-08-16 time: 7:58:14.74 UTC ML= 1.5
 lat: 48.512N lon: 18.895E h= 0.0 km
 erh= 5.0km erz= 691km
 nr= 7 gap=246 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	4.7	246	Pg	7:58:15.11	-0.48
			Sg	58:16.33	0.08
A336	31.9	166	Pg	7:58:21.22	0.78
			Sg	58:25.19	0.30
PENC	85.2	160	Pg	7:58:30.05	0.09
			Sg	58:41.19	-0.63
PSZ	99.4	132	Sg	7:58:46.06	-0.27

785.

2018-08-16 time: 9:40:44.26 UTC ML= 0.5
 lat: 47.207N lon: 18.299E h= 0.0 km
 erh= 3.0km erz= 415km
 nr= 6 gap=267 rms=0.24
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.6	350	Pg	9:40:47.25	-0.15
			Sg	40:50.02	0.17
PKST	20.8	286	Pg	9:40:47.84	-0.14

Földrengés paraméterek

Hypocenter Parameters

PKSG 21.7 19 Sg 40:50.99 0.10
Pg 9:40:48.50 0.37
Sg 40:50.78 -0.37

786.

2018-08-16 time: 9:50:46.88 UTC ML= 1.8
lat: 47.846N lon: 19.121E h= 0.0 km
erh= 1.8km erz= 539km
nr= 9 gap=117 rms=0.40
Locality: Szendehely
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	13.5	117	Pg	9:50:49.56	0.26
			Sg	50:51.91	0.73
A336	44.0	348	Pg	9:50:54.99	0.24
			Sg	51:00.91	0.03
ET1H	56.3	86	Sg	9:51:04.04	-0.73
PSZ	58.4	82	Pg	9:50:57.45	0.14
			Sg	51:04.83	-0.62
PKST	104.6	231	Pg	9:51:05.22	-0.35
KECS	123.8	55	ePg	9:51:09.10	0.11
			eSg	51:23.70	-2.54*

787.

2018-08-16 time: 9:57:01.84 UTC ML= 1.0
lat: 47.842N lon: 19.161E h= 0.0 km
erh= 6.1km erz= 974km
nr= 6 gap=219 rms=0.58
Locality: Ósagárd
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	10.7	122	Pg	9:57:03.38	-0.37
			Sg	57:04.80	-0.44
PSZ	55.5	81	Pg	9:57:12.04	0.29
			Sg	57:19.89	0.41
VYHS	76.4	342	Pg	9:57:16.22	0.74
			Sg	57:25.05	-1.07

788.

2018-08-16 time: 10:27:15.51 UTC ML= 1.7
lat: 48.117N lon: 18.883E h= 12.8 km
erh= 1.3km erz= 1.4km
nr= 18 gap= 75 rms=0.50
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr mn sec	res
A336	15.6	34	PgD	10:27:19.69	0.58
			Sg	27:21.84	-0.08
A338	41.1	254	Pg	10:27:23.68	0.47
			Sg	27:29.29	0.08
VYHS	42.1	355	Pg	10:27:23.85	0.48
			Sg	27:28.66	-0.84
PENC	46.9	141	Pg	10:27:24.04	-0.16
			Sg	27:30.78	-0.19
SRO	54.3	232	PgD	10:27:25.72	0.24
			Sg	27:32.73	-0.52
PSZ	78.6	106	Pg	10:27:30.15	0.42
			Sg	27:39.90	-0.92
A337	82.6	280	Sg	10:27:41.32	-0.75
CSKK	95.9	209	P*	10:27:32.63	-0.02
PKST	114.7	214	Pn	10:27:35.17	-0.04
			Sn	27:49.85	-0.73
KECS	125.7	71	ePn	10:27:37.40	0.82
			eSn	27:52.30	-0.72

789.

2018-08-16 time: 10:29:40.99 UTC ML= 2.0
lat: 48.199N lon: 21.237E h= 0.0 km
erh= ---km erz= ---km
nr= 4 gap=158 rms=0.27
Locality: Rátka
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	10.8	1	PgU	10:29:43.28	0.35
			Sg	29:44.18	-0.25
TRPA	97.2	94	Sg	10:30:11.61	-0.27
PSZ	104.8	253	Sg	10:30:14.31	0.00

790.

2018-08-17 time: 1:25:11.15 UTC ML= 3.1
lat: 48.923N lon: 18.229E h= 2.5 km
erh= 1.1km erz= 1.2km
nr= 49 gap= 42 rms=0.59
Locality: Slovakia
Comments:

sta	dist	azm	phase	hr mn sec	res
VYHS	65.4	137	Pg	1:25:22.64	-0.19
SMOL	74.4	232	Pg	1:25:24.29	-0.15
			Sg	25:36.20	1.38
A337	82.2	203	Pg	1:25:26.54	0.72
			Sg	25:37.52	0.25
LANS	94.1	74	Pg	1:25:27.56	-0.39
A336	95.5	143	Pg	1:25:27.59	-0.62
A338	101.4	175	Pg	1:25:29.09	-0.17
OKC	101.9	357	ePg	1:25:29.90	0.56
			eSg	25:41.00	-2.53
MORC	107.2	332	Pg	1:25:30.00	-0.30
			Sg	25:45.35	0.11
ZST	116.0	226	Pg	1:25:31.50	-0.36
SRO	123.6	177	Pg	1:25:33.13	-0.09
VRAC	126.8	290	Pn	1:25:32.78	-0.90
A339	128.8	199	Pn	1:25:34.75	0.82
			Sn	25:51.73	0.03
KRUC	135.1	277	Pn	1:25:33.79	-0.91
PENC	148.2	148	Pn	1:25:36.12	-0.22
NIE	161.7	70	Pn	1:25:39.47	1.45
KRLC	165.6	321	Pn	1:25:38.98	0.48
PSZ	166.4	132	Pn	1:25:38.54	-0.07
BUD	170.6	160	Pn	1:25:39.38	0.24
PKSG	170.7	176	Pn	1:25:38.80	-0.35
KECS	173.2	106	Pn	1:25:39.34	-0.12
CSKK	173.5	179	Pn	1:25:38.85	-0.64
EGYH	180.3	202	Pn	1:25:40.21	-0.13
OJC	183.5	38	Pn	1:25:41.05	0.31
SOP	185.4	222	Pn	1:25:40.59	-0.39
PKST	185.6	184	Pn	1:25:40.24	-0.77
RONA	197.6	226	Pn	1:25:42.33	-0.18
			Sn	26:03.90	-3.07*
MPLH	201.6	195	Pn	1:25:42.55	-0.45
TREC	204.4	282	ePn	1:25:43.40	0.05
CONA	207.2	238	Pn	1:25:43.25	-0.45
DPC	210.1	319	eSn	1:26:10.90	1.16
TIH	226.4	186	Pn	1:25:46.73	0.64
ABAH	232.7	107	Pn	1:25:47.76	0.88
BSZH	235.9	140	PnC	1:25:48.24	0.97
CRVS	237.0	91	Pn	1:25:48.97	1.56
UPC	237.9	318	eSn	1:26:18.80	2.90*
PKB1	241.5	170	Pn	1:25:47.78	-0.20
PKS9	259.8	179	Pn	1:25:50.38	0.12
PKB2	261.3	163	Pn	1:25:50.60	0.15
PKB5	261.6	172	Pn	1:25:50.07	-0.42
ARSA	274.3	227	Pn	1:25:52.49	0.43
PRU	292.4	294	ePn	1:25:54.20	-0.12
			eSn	26:33.90	5.90*
BEHE	293.8	202	Pn	1:25:55.08	0.59
KOLS	296.4	90	Pn	1:25:55.53	0.71

Hypocenter Parameters

Földrengés paraméterek

MORH 302.6 174 Pn 1:25:54.87 -0.73*
 PKSM 303.1 174 Pn 1:25:54.92 -0.73*
 KOGS 312.7 208 Pn 1:25:56.41 -0.45*
 KOVH 315.3 182 Pn 1:25:56.75 -0.43*
 MOA 316.9 248 Pn 1:25:57.22 -0.15*
 Sn 26:31.57 -1.86*
 PVCC 318.6 304 eSn 1:26:43.00 9.19*
 LTVH 322.3 122 Pn 1:25:58.32 0.26*
 TRPA 330.4 105 Pn 1:25:58.38 -0.68*
 PKSV 337.4 180 Pn 1:26:00.12 0.19*
 KHC 340.9 274 ePn 1:26:00.80 0.43*
 eSn 26:48.00 9.24*
 PERS 345.1 223 Pn 1:26:01.26 0.37*
 SOKA 345.9 224 Pn 1:26:01.09 0.10*
 Sn 26:37.86 -2.01*
 BIOA 367.1 248 Pn 1:26:03.35 -0.28*
 Sn 26:43.11 -1.46*
 PTJ 377.3 207 Pn 1:26:04.54 -0.37*
 OBKA 385.1 226 Pn 1:26:06.37 0.49*
 SIRR 392.1 139 PnC 1:26:06.17 -0.59*
 MESR 403.5 119 PnD 1:26:08.45 0.27*
 DRGR 410.7 125 Pn 1:26:09.31 0.24*
 KBA 418.3 241 Pn 1:26:11.65 1.64*
 MYKA 428.0 233 Pn 1:26:11.68 0.44*
 Sn 26:54.71 -3.39*
 BZS 448.2 145 Pn 1:26:13.21 -0.54*
 SURR 459.2 140 PnD 1:26:14.49 -0.63*
 BLJ 470.9 190 Pn 1:26:17.01 0.44*
 CJR 471.3 121 PnD 1:26:16.39 -0.23*
 ABTA 491.6 241 Pn 1:26:21.32 2.16*
 GZR 522.5 139 PnC 1:26:23.16 0.15*
 WTTA 524.6 249 Pn 1:26:24.74 1.46*
 Sn 27:15.72 -3.82*
 WATA 525.7 250 Pn 1:26:24.53 1.11*
 Sn 27:17.92 -1.87*
 BURA 538.8 106 PnD 1:26:25.29 0.24*
 HERR 551.1 145 PnC 1:26:25.96 -0.62*
 SQTA 556.4 250 Pn 1:26:27.77 0.53*
 Sn 27:23.92 -2.67*
 MOTA 558.6 252 Pn 1:26:28.58 1.06*
 Sn 27:23.70 -3.39*
 RETA 577.5 254 Pn 1:26:30.29 0.42*
 Sn 27:27.63 -3.65*
 FETA 598.6 249 Pn 1:26:33.30 0.80*
 Sn 27:35.55 -0.41*
 VOIR 646.2 127 PnD 1:26:38.81 0.38*
 DAVA 647.9 254 Pn 1:26:38.60 -0.04*
 Sn 27:43.60 -3.29*

791.

2018-08-17 time: 7:53:57.21 UTC ML= 1.2
 lat: 47.200N lon: 18.284E h= 0.0 km
 erh= 1.8km erz= 549km
 nr= 8 gap=145 rms=0.39
 Locality: Csőr
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.3	355	Pg	7:54:00.63	0.16
			Sg	54:02.22	-0.80
PKST	20.0	289	Pg	7:54:01.13	0.35
			Sg	54:03.35	-0.21
PKSG	22.9	21	Pg	7:54:01.38	0.09
			Sg	54:04.77	0.30
MORH	112.8	166	Sg	7:54:33.33	0.28
PKSM	113.2	166	Sg	7:54:32.46	-0.71

792.

2018-08-17 time: 8:28:01.22 UTC ML= 1.5
 lat: 48.611N lon: 20.777E h= 0.0 km
 erh= 2.7km erz= 4.7km
 nr= 12 gap=115 rms=0.75
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.8	237	Pg	8:28:06.01	0.18
			Sg	28:08.99	-0.44
ABAH	49.0	136	Pg	8:28:10.48	0.52
			Sg	28:16.29	-0.49
CRVS	59.8	57	Pg	8:28:13.18	1.28
			Sg	28:20.34	0.11
PSZ	101.1	220	Pg	8:28:19.96	0.68
			Sg	28:32.95	-0.42
LANS	113.2	302	ePg	8:28:20.70	-0.74
			eSg	28:32.50	-4.72*
KOLS	115.6	72	Sg	8:28:36.69	-1.29
VYHS	143.9	265	Pn	8:28:26.72	0.52
			Sn	28:44.34	-1.34

793.

2018-08-17 time: 10:02:36.99 UTC ML= 1.0
 lat: 46.097N lon: 18.122E h= 0.0 km
 erh= 1.4km erz= 450km
 nr= 10 gap=158 rms=0.35
 Locality: Kővágószőlős
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	1.9	242	Pg	10:02:36.83	-0.51
			Sg	02:37.84	0.23
PKSV	25.2	156	Pg	10:02:41.62	0.12
			Sg	02:45.42	0.41
PKSM	42.1	72	Pg	10:02:43.98	-0.53
			Sg	02:50.18	-0.20
MORH	42.5	72	Sg	10:02:50.29	-0.20
PKB4	57.9	40	Sg	10:02:55.53	0.13
PKB5	72.8	40	Pg	10:02:50.36	0.36
			Sg	03:00.52	0.38

794.

2018-08-17 time: 10:05:56.97 UTC ML= 1.2
 lat: 46.110N lon: 18.124E h= 0.0 km
 erh= 2.6km erz= 629km
 nr= 9 gap=177 rms=0.47
 Locality: Kővágószőlős
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	3.1	218	Pg	10:05:57.07	-0.45
			Sg	05:58.23	0.28
PKSV	26.6	158	Sg	10:06:05.13	-0.28
PKSM	41.5	74	Pg	10:06:04.48	0.09
			Sg	06:10.35	0.18
MORH	41.8	74	Pg	10:06:04.35	-0.09
			Sg	06:10.46	0.19
PKB5	71.6	41	Pg	10:06:10.48	0.73
PKB1	90.8	34	Sg	10:06:24.41	-1.43

795.

2018-08-18 time: 8:37:57.18 UTC ML= 0.8
 lat: 46.194N lon: 18.259E h= 0.0 km
 erh= 1.6km erz= 273km
 nr= 8 gap=219 rms=0.20
 Locality: Komló
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
KOVH	17.0	226	Pg	8:38:00.15	-0.06
			Sg	38:03.06	0.49
PKSM	29.6	86	Pg	8:38:02.38	-0.09
			Sg	38:06.92	0.33
MORH	29.9	85	Pg	8:38:02.46	-0.06
			Sg	38:06.81	0.14
PKSV	33.9	181	Pg	8:38:03.08	-0.16
			Sg	38:07.73	-0.23

796.

2018-08-20 time: 6:20:31.63 UTC ML= 1.2
 lat: 45.593N lon: 17.313E h= 13.0 km
 erh= 1.2km erz= 0.5km
 nr= 9 gap=271 rms=0.12
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	80.2	66	Pg	6:20:46.02	-0.12
			Sg	20:57.48	0.03
KOVH	82.3	48	Pg	6:20:46.50	-0.02
			Sg	20:58.21	0.09
BEHE	106.0	337	Sn	6:21:04.67	-0.06
PKSM	124.0	56	Pn	6:20:52.53	0.07
			Sn	21:08.52	-0.19
MORH	124.4	56	Pn	6:20:52.77	0.25
			Sn	21:08.73	-0.07

797.

2018-08-21 time: 0:59:43.17 UTC ML=-0.1
 lat: 47.398N lon: 18.245E h= 3.7 km
 erh= 3.5km erz= 3.3km
 nr= 6 gap=228 rms=0.07
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	4.1	164	PgU	0:59:44.29	0.14
			Sg	59:44.83	-0.08
PKSG	11.0	94	PgD	0:59:45.22	-0.02
			Sg	59:46.82	-0.03
PKST	22.2	226	Pg	0:59:47.16	-0.03
			Sg	59:50.30	-0.03

798.

2018-08-21 time: 6:22:49.82 UTC ML= 0.9
 lat: 47.132N lon: 17.757E h= 8.3 km
 erh= 1.0km erz= 0.8km
 nr= 9 gap=132 rms=0.20
 Locality: Herend
 Comments:

sta	dist	azm	phase	hr mn sec	res
MPLH	17.0	285	Pg	6:22:53.20	0.00
			Sg	22:55.80	-0.04
PKST	25.4	56	Pg	6:22:54.28	-0.30
			Sg	22:58.60	0.30
TIH	27.8	158	Pg	6:22:54.76	-0.24
			Sg	22:59.28	0.25
KOVH	118.9	167	Sn	6:23:26.98	0.14
PKSM	122.6	146	Pn	6:23:11.27	0.19
			Sn	23:27.58	-0.08

799.

2018-08-21 time: 6:30:32.07 UTC ML= 1.0
 lat: 47.112N lon: 17.777E h= 0.0 km
 erh= 2.3km erz= 762km
 nr= 8 gap=130 rms=0.54
 Locality: Bánd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	19.1	290	Pg	6:30:35.67	0.19
			Sg	30:37.88	-0.27
TIH	25.2	160	Pg	6:30:36.87	0.30
			Sg	30:40.97	0.89
PKST	25.4	50	Pg	6:30:36.46	-0.14
			Sg	30:40.40	0.26
PKSM	120.0	147	Pg	6:30:53.03	-0.46
			Sg	31:08.39	-1.82

800.

2018-08-21 time: 6:33:37.53 UTC ML= 1.3
 lat: 47.346N lon: 18.444E h= 0.0 km
 erh= 2.4km erz= 536km
 nr= 8 gap=212 rms=0.39
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	6.5	321	PgU	6:33:38.83	0.13
			Sg	33:39.26	-0.34
CSKK	14.0	278	Pg	6:33:40.35	0.31
			Sg	33:41.73	-0.26
PKST	32.5	253	Pg	6:33:44.02	0.69
			Sg	33:47.42	-0.44
MORH	126.6	173	Sg	6:34:17.50	-0.26
PKSM	127.0	173	Sg	6:34:17.50	-0.39

801.

2018-08-21 time: 8:18:41.43 UTC ML= 1.3
 lat: 48.610N lon: 20.746E h= 0.0 km
 erh= 2.6km erz= 4.1km
 nr= 11 gap=153 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.8	234	Pg	8:18:45.87	0.19
			Sg	18:48.81	-0.19
ABAH	50.5	134	Pg	8:18:51.45	1.01
			Sg	18:56.72	-0.75
CRVS	61.8	58	Pg	8:18:52.71	0.24
			Sg	19:00.50	-0.58
PSZ	99.5	219	Pg	8:18:59.25	0.05
			Sg	19:12.74	-0.32
KOLS	117.9	72	Sg	8:19:18.69	-0.21
VYHS	141.6	265	Pn	8:19:06.68	0.57
			Sn	19:24.13	-1.24

802.

2018-08-21 time: 8:47:31.18 UTC ML= 0.7
 lat: 46.223N lon: 18.254E h= 0.0 km
 erh= 2.4km erz= 349km
 nr= 7 gap=233 rms=0.47
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	19.1	218	Pg	8:47:34.86	0.26
			Sg	47:37.63	0.37
PKSM	29.9	92	Pg	8:47:36.66	0.13
			Sg	47:40.06	-0.64

Hypocenter Parameters

MORH 30.1 92 Pg 8:47:36.80 0.24
 Sg 47:40.86 0.10
 PKSV 37.2 180 Sg 8:47:41.72 -1.28

803.

2018-08-21 time: 17:45:48.78 UTC ML= 1.5
 lat: 47.600N lon: 16.353E h= 6.4 km
 erh= 1.9km erz= 1.6km
 nr= 19 gap=100 rms=0.61
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	11.9	339	Pg	17:45:51.05	-0.14
			Sg	45:52.99	-0.08
SOP	18.0	59	Pg	17:45:52.02	-0.17
			Sg	45:54.81	-0.04
CONA	51.9	315	Pg	17:45:58.02	-0.09
			Sg	46:05.15	-0.24
ARSA	73.7	238	Pg	17:46:01.68	-0.31
PKST	132.4	107	Pn	17:46:11.96	0.46
			Sn	46:29.06	-0.16
GROS	142.2	207	Sn	17:46:31.15	-0.25
PERS	142.5	221	Pn	17:46:13.59	0.83
			Sn	46:28.66	-2.80
SOKA	143.3	224	Pn	17:46:12.49	-0.37
MOA	159.0	280	Pn	17:46:15.71	0.89
			Sn	46:34.94	-0.19
KRUC	162.6	1	Pn	17:46:15.48	0.22
			Sn	46:35.27	-0.65
BIOA	204.3	273	Pn	17:46:24.55	4.09
			Sn	46:47.09	1.92

804.

2018-08-22 time: 8:52:56.52 UTC ML= 1.7
 lat: 47.705N lon: 18.563E h= 0.0 km
 erh= 1.5km erz= 701km
 nr= 14 gap= 75 rms=0.61
 Locality: Mogyorósbánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SRO	22.2	303	Pg	8:53:00.72	0.23
			Sg	53:03.52	-0.06
PKSG	37.2	200	Sg	8:53:08.59	0.26
BUD	42.5	125	Sg	8:53:09.91	-0.13
CSKK	44.3	211	Pg	8:53:05.06	0.63
			Sg	53:09.72	-0.88
PKST	63.6	219	Sg	8:53:16.13	-0.61
A336	67.1	29	Sg	8:53:16.26	-1.60
VYHS	90.0	13	Pg	8:53:13.71	1.11
			Sg	53:25.27	0.13
MPLH	97.4	232	Pg	8:53:13.79	-0.13
			Sg	53:27.18	-0.31
EGYH	98.0	251	Sg	8:53:28.16	0.49
PSZ	102.5	77	Sg	8:53:28.49	-0.62

805.

2018-08-22 time: 9:15:37.87 UTC ML= 2.0
 lat: 48.324N lon: 19.887E h= 0.0 km
 erh= 5.7km erz= ***km
 nr= 7 gap=145 rms=1.18
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	45.1	179	Pg	9:15:46.92	0.99
			Sg	15:51.89	-0.32
KECS	47.7	68	Pg	9:15:47.84	1.45
			Sg	15:51.59	-1.45
A336	66.7	261	Pg	9:15:49.81	0.03
			Sg	15:56.59	-2.48

Földrengés paraméterek

VYHS 80.1 284 Sg 9:16:03.37 0.05

806.

2018-08-22 time: 12:52:29.83 UTC ML= 0.9
 lat: 46.269N lon: 18.455E h= 0.0 km
 erh= 1.3km erz= 202km
 nr= 7 gap=238 rms=0.14
 Locality: Kismányok
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSM	15.7	114	Pg	12:52:32.49	-0.15
			Sg	52:34.73	-0.09
MORH	15.7	112	Pg	12:52:32.64	0.00
			Sg	52:35.08	0.25
KOVH	34.0	234	Pg	12:52:35.95	0.04
			Sg	52:40.83	0.19
PKSV	45.1	200	Sg	12:52:44.02	-0.16

807.

2018-08-22 time: 21:57:09.60 UTC ML= 1.5
 lat: 47.802N lon: 18.965E h= 8.2 km
 erh= 1.5km erz= 3.0km
 nr= 18 gap= 77 rms=0.57
 Locality: Kisoroszi
 Comments:

sta	dist	azm	phase	hr mn sec	res
A270	6.3	40	PgD	21:57:11.58	0.15
			Sg	57:12.38	-0.49
PENC	23.8	93	Pg	21:57:14.73	0.65
			Sg	57:18.60	1.02
A336	48.0	3	Pg	21:57:18.32	0.03
			Sg	57:24.03	-1.04
SRO	48.8	271	Sg	21:57:25.99	0.66
A338	51.6	297	Pg	21:57:19.29	0.37
			Sg	57:25.70	-0.49
PKSG	62.8	223	Pg	21:57:20.94	0.03
NADP	65.9	203	Sg	21:57:29.97	-0.74
PSZ	70.7	79	Pg	21:57:22.48	0.17
			Sg	57:31.59	-0.64
CSKK	72.0	227	Pg	21:57:22.34	-0.20
VYHS	77.5	353	ePg	21:57:24.60	1.08
			eSg	57:32.00	-2.38*
PKS7	85.2	170	Pg	21:57:24.47	-0.41
PKST	92.5	229	Pg	21:57:25.66	-0.52

808.

2018-08-23 time: 6:24:37.99 UTC ML= 0.7
 lat: 47.180N lon: 18.236E h= 0.0 km
 erh= 1.8km erz= 401km
 nr= 5 gap=159 rms=0.18
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.6	300	Pg	6:24:41.18	0.05
			Sg	24:43.47	-0.11
CSKK	20.5	5	Pg	6:24:41.90	0.26
			Sg	24:44.21	-0.28
PKSM	112.0	164	Sg	6:25:13.52	-0.06

809.

2018-08-23 time: 7:09:04.62 UTC ML= 1.2
 lat: 47.410N lon: 18.404E h= 0.0 km
 erh= 1.8km erz= 2.3km
 nr= 7 gap=288 rms=0.67
 Locality: Gánt
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
PKSG	2.3	205	Pg	7:09:05.63	0.60
			Sg	09:05.97	0.62
CSKK	12.0	244	Pg	7:09:06.85	0.08
			Sg	09:07.81	-0.63
PKST	32.6	239	Pg	7:09:10.33	-0.11
			Sg	09:14.96	-0.02
PKSM	134.5	172	Sn	7:09:44.30	-2.69

810.

2018-08-23 time: 7:45:22.10 UTC ML= 1.5
 lat: 48.348N lon: 19.058E h= 0.0 km
 erh= 1.6km erz= 519km
 nr= 10 gap=127 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	13.5	199	Pg	7:45:24.44	-0.07
			Sg	45:26.60	0.22
VYHS	23.1	315	Pg	7:45:26.17	-0.06
			Sg	45:29.12	-0.33
PENC	64.2	165	Pg	7:45:33.69	0.13
			Sg	45:42.06	-0.43
PSZ	78.5	127	Pg	7:45:36.62	0.51
			Sg	45:46.31	-0.73
KECS	106.7	82	ePg	7:45:41.70	0.54
			eSg	45:55.20	-0.83

811.

2018-08-23 time: 7:51:52.03 UTC ML= 1.5
 lat: 47.844N lon: 19.906E h= 0.0 km
 erh= 2.7km erz= 733km
 nr= 10 gap=200 rms=0.57
 Locality: Gyöngyösoroszi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	8.3	354	Pg	7:51:53.91	0.39
			Sg	51:55.82	1.14
PENC	47.2	263	Pg	7:52:00.35	-0.11
			Sg	52:07.43	0.41
A336	80.3	303	Sg	7:52:17.17	-0.39
KECS	83.1	31	Sg	7:52:17.93	-0.52
VYHS	107.5	312	Pg	7:52:11.52	0.29
			Sg	52:24.75	-1.46
ABAH	111.3	63	Pg	7:52:12.03	0.11
			Sg	52:26.84	-0.59

812.

2018-08-23 time: 8:43:57.35 UTC ML= 1.0
 lat: 47.103N lon: 18.049E h= 0.0 km
 erh= 2.4km erz= 845km
 nr= 10 gap=126 rms=0.66
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.4	356	Pg	8:43:59.74	-0.71
			Sg	44:01.44	-1.43
CSKK	33.1	29	Pg	8:44:03.76	0.51
			Sg	44:08.29	0.43
MPLH	39.4	281	Pg	8:44:05.41	1.03
			Sg	44:09.66	-0.20
PKSG	41.2	39	Pg	8:44:04.63	-0.08
			Sg	44:11.16	0.70
PKSM	109.0	155	Pg	8:44:16.48	-0.33
			Sg	44:31.55	-0.43

813.

2018-08-23 time: 9:15:29.51 UTC ML= 2.2
 lat: 48.399N lon: 17.260E h= 0.0 km
 erh= 1.4km erz= 1.7km
 nr= 20 gap= 76 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	17.8	44	Pg	9:15:33.15	0.46
			Sg	15:35.99	0.82
ZST	25.5	207	Pg	9:15:34.12	0.07
			Sg	15:37.78	0.18
KRUC	97.4	319	Pg	9:15:47.26	0.36
			Sg	15:59.88	-0.58
RONA	105.9	223	Pg	9:15:48.07	-0.35
			Sg	16:02.46	-0.72
CONA	116.5	243	Pg	9:15:50.24	-0.07
			Sg	16:06.02	-0.52
VYHS	117.0	85	ePg	9:15:50.10	-0.31
			eSg	16:06.00	-0.71
A336	130.3	98	Sg	9:16:09.55	-1.36
CSKK	137.4	147	Sn	9:16:12.34	-0.17
MPLH	138.3	171	Sn	9:16:14.02	1.31
PKSG	140.3	143	Sn	9:16:12.50	-0.67
MORC	154.6	8	Pn	9:15:56.10	0.28
			Sn	16:15.95	-0.38
ARSA	182.3	226	Pn	9:16:00.79	1.51
			Sn	16:23.49	1.00

814.

2018-08-23 time: 9:56:50.25 UTC ML= 1.1
 lat: 46.139N lon: 18.052E h= 0.0 km
 erh= 2.3km erz= 324km
 nr= 7 gap=289 rms=0.22
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	6.8	147	Pg	9:56:51.47	0.00
			Sg	56:52.69	0.28
PKSV	31.9	151	Sg	9:56:59.99	-0.41
PKSM	46.3	80	Pg	9:56:58.80	0.29
			Sg	57:04.70	-0.25
MORH	46.5	79	Pg	9:56:58.49	-0.07
			Sg	57:05.06	0.01

815.

2018-08-24 time: 6:03:08.97 UTC ML= 1.0
 lat: 47.099N lon: 18.018E h= 0.0 km
 erh= 4.3km erz= 542km
 nr= 7 gap=210 rms=0.37
 Locality: Litér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.8	4	Pg	6:03:12.06	-0.08
			Sg	03:14.15	-0.47
CSKK	34.6	32	Pg	6:03:15.31	0.17
			Sg	03:20.41	0.45
PKSG	43.0	41	Pg	6:03:16.31	-0.34
MORH	109.3	154	Pg	6:03:29.04	0.55
			Sg	03:43.34	-0.37

Hypocenter Parameters

Földrengés paraméterek

816.

2018-08-24 time: 7:31:07.90 UTC ML= 1.7
 lat: 48.325N lon: 21.282E h= 0.0 km
 erh= 2.8km erz= 755km
 nr= 7 gap=109 rms=0.49
 Locality: Boldogkőújfalu
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	4.5	224	Pg	7:31:08.34	-0.36
			Sg	31:09.52	0.19
KECS	61.5	287	Sg	7:31:27.20	-0.26
CRVS	65.6	12	ePg	7:31:20.50	0.89
			eSg	31:33.80	5.06*
KOLS	99.6	47	Pg	7:31:25.06	-0.63
			Sg	31:39.43	-0.13
LTVH	114.3	156	Pg	7:31:28.56	0.24

817.

2018-08-24 time: 9:30:30.69 UTC ML= 1.8
 lat: 47.555N lon: 18.513E h= 0.0 km
 erh= 2.0km erz= 4.2km
 nr= 10 gap=154 rms=0.40
 Locality: Szárliget
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	20.3	207	Pg	9:30:34.49	0.17
			Sg	30:37.02	-0.13
CSKK	28.6	222	Pg	9:30:35.95	0.15
			Sg	30:39.89	0.11
NADP	33.9	167	Sg	9:30:41.92	0.44
PKST	48.9	228	Pg	9:30:39.90	0.48
			Sg	30:45.89	-0.33
VYHS	107.2	13	Pg	9:30:49.86	0.03
PKS9	109.0	189	Pg	9:30:49.48	-0.69
PKSM	149.6	176	Sn	9:31:15.07	-1.35

818.

2018-08-24 time: 11:34:58.33 UTC ML= 2.4
 lat: 48.250N lon: 21.242E h= 0.0 km
 erh= 1.9km erz= 3.1km
 nr= 7 gap=152 rms=0.38
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	5.1	358	Pg	11:34:59.39	0.15
			Sg	35:00.53	0.58
KECS	61.7	295	Sg	11:35:17.71	-0.25
TRPA	97.4	98	Sg	11:35:29.36	0.08
PSZ	107.0	250	Sg	11:35:32.33	-0.01
KOLS	107.5	45	Sg	11:35:31.60	-0.89
NIE	146.8	332	Sn	11:35:43.47	0.05

819.

2018-08-24 time: 14:10:42.18 UTC ML= 1.8
 lat: 48.876N lon: 21.341E h= 0.0 km
 erh= 2.6km erz= 3.3km
 nr= 14 gap=108 rms=0.86
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	9.3	72	ePg	14:10:44.20	0.35
ABAH	64.9	187	Pg	14:10:54.60	0.83
			Sg	11:02.26	-0.55
KOLS	68.7	85	Pg	14:10:55.72	1.28
			Sg	11:02.99	-1.02
KECS	76.6	235	Pg	14:10:56.40	0.54

			Sg	11:05.31	-1.22
NIE	96.3	309	Pg	14:10:59.84	0.47
			Sg	11:11.01	-1.77
TRPA	121.3	133	Sg	14:11:19.02	-1.72
PSZ	151.0	225	Sn	14:11:28.08	-0.14
OJC	186.5	323	Sn	14:11:35.92	-0.18
VYHS	189.2	257	Pn	14:11:13.22	0.41
			Sn	11:36.94	0.24

820.

2018-08-24 time: 23:49:32.63 UTC ML= 0.9
 lat: 45.693N lon: 18.125E h= 13.6 km
 erh= 4.8km erz= 4.0km
 nr= 9 gap=323 rms=0.48
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	23.9	24	Pg	23:49:37.95	0.42
			Sg	49:41.90	0.54
KOVH	44.0	357	Pg	23:49:40.56	-0.29
			Sg	49:46.84	-0.42
PKSM	70.2	35	Pg	23:49:45.40	0.00
			Sg	49:54.96	-0.40
MORH	70.7	35	Pg	23:49:45.42	-0.06
			Sg	49:55.10	-0.41
PKB4	96.7	23	S*	23:50:05.20	1.98

821.

2018-08-26 time: 6:50:43.22 UTC ML= 2.4
 lat: 45.994N lon: 17.238E h= 13.3 km
 erh= 1.9km erz= 1.4km
 nr= 34 gap= 83 rms=0.67
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
A264	18.9	12	Pg	6:50:47.16	-0.18
			Sg	50:50.60	0.04
BEHE	63.8	326	Pg	6:50:55.91	1.04
			Sg	51:05.31	1.36
A265	64.4	42	Pg	6:50:54.98	0.02
KOVH	67.5	81	Pg	6:50:55.47	-0.04
			Sg	51:05.91	0.81
A263	72.1	5	Pg	6:50:56.18	-0.14
PKSV	79.5	98	Pg	6:50:56.63	-0.99
ZAG	98.2	259	P*	6:51:01.33	0.66
A266	98.8	53	P*	6:51:00.64	-0.11
PTJ	99.8	264	P*	6:51:00.11	-0.79
PKS9	103.8	51	Pn	6:51:01.17	-0.33
PKSM	111.2	77	Pn	6:51:02.03	-0.39
			Sn	51:18.44	1.05
MORH	111.5	77	Pn	6:51:02.15	-0.31
			Sn	51:16.41	-1.05
TIH	112.6	27	Pn	6:51:02.96	0.37
PKB4	119.2	62	Pn	6:51:03.83	0.41
			Sn	51:19.89	0.71
MPLH	132.8	10	Pn	6:51:04.96	-0.15
PKB5	133.4	60	Pn	6:51:04.73	-0.45
BLY	138.4	182	Pn	6:51:06.95	1.13
			Sn	51:24.05	0.61
PKST	153.3	23	Pn	6:51:07.53	-0.14
PKB3	158.4	72	Pn	6:51:08.04	-0.27
PKS2	162.1	70	Pn	6:51:08.74	-0.03
CSKK	171.2	27	Pn	6:51:12.31	2.42
PKSG	178.7	30	Pn	6:51:10.71	-0.12
SOKA	186.1	294	Pn	6:51:10.75	-1.00
			Sn	51:32.22	-1.79
RONA	202.8	339	Pn	6:51:12.89	-0.95
			Sn	51:34.18	-3.54*
OBKA	215.1	285	Pn	6:51:15.01	-0.37
			Sn	51:40.37	-0.09
KHC	444.4	322	ePn	6:51:45.30	1.33*

Földrengés paraméterek

Hypocenter Parameters

eSn 52:29.70 -1.65*

822.

2018-08-26 time: 20:04:54.41 UTC ML= 0.6
 lat: 47.138N lon: 18.288E h= 0.0 km
 erh= 2.6km erz= 412km
 nr= 8 gap=258 rms=0.30
 Locality: Úrhida
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	23.4	305	Pg	20:04:58.93	0.34
			Sg	05:02.34	0.48
CSKK	25.1	355	Pg	20:04:58.78	-0.11
			Sg	05:01.97	-0.41
PKSG	29.2	15	Pg	20:04:59.80	0.17
			Sg	05:03.81	0.11
MPLH	56.9	274	Pg	20:05:04.17	-0.40
			Sg	05:12.30	-0.19

823.

2018-08-27 time: 8:24:57.36 UTC ML= 1.3
 lat: 47.898N lon: 19.163E h= 0.0 km
 erh= 5.9km erz= 703km
 nr= 6 gap=196 rms=0.58
 Locality: Felsőpetény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	14.9	144	Pg	8:24:59.62	-0.40
			Sg	25:01.02	-1.08
A336	39.2	342	Pg	8:25:04.95	0.59
			Sg	25:09.90	0.08
PSZ	54.7	88	Pg	8:25:07.75	0.62
VYHS	70.6	340	Sg	8:25:19.46	-0.33

824.

2018-08-28 time: 7:58:57.65 UTC ML= 1.7
 lat: 47.329N lon: 18.448E h= 0.0 km
 erh= 2.2km erz= 516km
 nr= 7 gap=154 rms=0.35
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.2	328	PgU	7:58:59.40	0.29
			Sg	58:59.95	-0.30
CSKK	14.6	285	PgU	7:59:00.72	0.45
			Sg	59:02.58	0.27
NADP	15.1	122	Pg	7:59:00.29	-0.06
PKST	32.2	256	Pg	7:59:02.83	-0.58
			Sg	59:07.71	-0.19

825.

2018-08-28 time: 8:19:36.54 UTC ML= 1.5
 lat: 48.611N lon: 20.743E h= 0.0 km
 erh= 1.2km erz= 3.1km
 nr= 14 gap= 86 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.7	233	Pg	8:19:40.91	0.14
			Sg	19:43.31	-0.76
ABAH	50.7	134	Pg	8:19:45.98	0.38
			Sg	19:52.67	0.00
CRVS	62.0	58	Pg	8:19:48.01	0.40
			Sg	19:55.97	-0.28
NIE	95.2	341	Pg	8:19:53.46	-0.09
PSZ	99.4	219	Pg	8:19:54.08	-0.22

sta	dist	azm	phase	hr mn sec	res
LANS	111.1	303	Sg	20:08.18	0.03
			ePg	8:19:56.60	0.21
			eSg	20:11.40	-0.47
KOLS	118.1	72	eSg	8:20:13.20	-0.88
VYHS	141.4	265	ePn	8:20:02.10	0.90
			eSn	20:19.70	-0.73

826.

2018-08-28 time: 9:05:23.60 UTC ML= 0.8
 lat: 46.177N lon: 18.292E h= 0.0 km
 erh= 1.4km erz= 257km
 nr= 8 gap=204 rms=0.19
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.8	237	Pg	9:05:26.61	-0.17
			Sg	05:29.44	0.18
PKSM	27.2	82	Pg	9:05:28.44	-0.02
			Sg	05:32.11	-0.14
MORH	27.5	81	Pg	9:05:28.51	0.00
			Sg	05:32.76	0.42
PKSV	32.2	186	Pg	9:05:29.49	0.14
			Sg	05:33.52	-0.31

827.

2018-08-28 time: 9:22:04.81 UTC ML= 1.5
 lat: 47.575N lon: 18.420E h= 0.0 km
 erh= 3.3km erz= 3.1km
 nr= 8 gap=297 rms=0.34
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	20.5	186	Pg	9:22:08.55	0.08
			Sg	22:11.45	0.12
CSKK	26.5	207	Pg	9:22:09.21	-0.33
			Sg	22:13.64	0.41
NADP	38.3	157	Sg	9:22:16.85	-0.14
PKST	45.7	220	Sg	9:22:19.21	-0.11
PKSM	152.5	174	Pn	9:22:31.33	0.47
			Sn	22:50.25	-0.93

828.

2018-08-29 time: 7:41:43.48 UTC ML= 1.8
 lat: 47.902N lon: 19.406E h= 0.0 km
 erh= 2.3km erz= 914km
 nr= 11 gap=124 rms=0.76
 Locality: Becske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	15.5	217	Pg	7:41:46.52	0.27
			Sg	41:48.62	0.21
PSZ	36.6	87	Pg	7:41:50.15	0.14
			Sg	41:54.94	-0.16
A336	47.7	320	Pg	7:41:52.54	0.55
			Sg	41:58.34	-0.29
BUD	54.7	212	Sg	7:42:00.39	-0.47
VYHS	78.2	327	Pg	7:41:58.61	1.16
			Sg	42:06.51	-1.84
A338	79.7	279	Pg	7:41:57.89	0.18
KECS	103.0	51	Sg	7:42:14.57	-1.66

Hypocenter Parameters

Földrengés paraméterek

829.

2018-08-29 time: 8:41:11.27 UTC ML= 1.7
 lat: 47.852N lon: 19.124E h= 0.0 km
 erh= 1.1km erz= 370km
 nr= 9 gap=111 rms=0.28
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	13.6	120	Pg	8:41:13.93	0.22
			Sg	41:15.38	-0.23
A336	43.4	348	Pg	8:41:19.37	0.34
			Sg	41:25.01	-0.06
PSZ	58.1	83	Sg	8:41:29.27	-0.48
A338	60.4	287	Sg	8:41:30.00	-0.48
VYHS	74.5	343	Sg	8:41:35.02	0.05
PKST	105.2	231	Pg	8:41:30.11	0.05
KECS	123.2	55	ePg	8:41:33.50	0.22
			eSg	41:48.60	-1.85*

830.

2018-08-29 time: 10:33:19.66 UTC ML= 1.0
 lat: 46.105N lon: 18.041E h= 0.0 km
 erh= 4.1km erz= 715km
 nr= 10 gap=259 rms=0.56
 Locality: Bükkösd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	4.9	112	Pg	10:33:20.45	-0.09
			Sg	33:21.86	0.63
PKSV	29.1	146	Pg	10:33:25.05	0.19
			Sg	33:29.41	0.49
PKSM	47.9	76	Pg	10:33:27.85	-0.36
			Sg	33:34.19	-0.69
MORH	48.2	75	Pg	10:33:27.78	-0.49
			Sg	33:34.67	-0.31
PKB4	61.4	45	Sg	10:33:41.74	2.55
PKB5	76.3	44	Sg	10:33:44.30	0.37

831.

2018-08-29 time: 11:02:48.51 UTC ML= 1.0
 lat: 46.129N lon: 18.082E h= 0.0 km
 erh= 2.5km erz= 287km
 nr= 6 gap=274 rms=0.17
 Locality: Abaliget
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	4.8	164	Pg	11:02:49.21	-0.15
			Sg	02:50.18	0.15
PKSM	44.1	78	Pg	11:02:56.41	0.02
			Sg	03:02.26	-0.28
MORH	44.4	78	Pg	11:02:56.69	0.24
			Sg	03:02.61	-0.03

832.

2018-08-29 time: 12:53:10.00 UTC ML= 1.4
 lat: 47.494N lon: 18.069E h= 13.0 km
 erh= 0.7km erz= 0.6km
 nr= 18 gap=126 rms=0.27
 Locality: Vérteskethely
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	20.6	135	Pg	12:53:14.09	-0.26
			Sg	53:17.66	-0.08
PKSG	26.8	115	Pg	12:53:15.71	0.38
			Sg	53:19.46	-0.03
SRO	39.9	27	Pg	12:53:17.51	0.01

			Sg	53:23.57	0.21
NADP	49.1	122	Sg	12:53:25.85	-0.31
MPLH	53.8	228	Pg	12:53:19.80	-0.09
			Sg	53:28.00	0.39
EGYH	56.2	261	Pg	12:53:20.18	-0.13
			Sg	53:27.98	-0.36
A336	107.7	40	Pn	12:53:28.72	-0.08
			Sn	53:42.24	-1.21
VYHS	125.0	27	Pn	12:53:31.19	0.23
			Sn	53:47.05	-0.26
MORH	148.8	163	Sn	12:53:52.64	0.07
PKSM	149.1	163	Pn	12:53:34.56	0.60
			Sn	53:52.52	-0.13

833.

2018-08-29 time: 13:29:07.52 UTC ML= 3.0
 lat: 46.180N lon: 17.039E h= 12.4 km
 erh= 1.4km erz= 1.2km
 nr= 59 gap= 68 rms=0.76
 Locality: Gyékényes
 Comments: felt 3-4 EMS

sta	dist	azm	phase	hr mn sec	res
BEHE	38.1	328	Pg	13:29:15.33	0.66
			Sg	29:21.13	0.88
KOGS	67.6	296	iPg	13:29:19.96	0.16
			iSg	29:28.07	-1.31
KOVH	82.6	97	Pg	13:29:22.37	-0.07
			Sg	29:32.12	-1.96
PTJ	89.3	250	Pg	13:29:23.04	-0.57
			Sg	29:34.26	-1.90
ZAG	89.8	244	Pg	13:29:24.60	0.89
			Sg	29:35.98	-0.37
PKSV	99.4	109	P*	13:29:25.57	0.35
			S*	29:37.95	-1.08
TIH	103.4	39	P*	13:29:25.62	-0.22
			S*	29:38.22	-1.91
PKS9	105.6	65	Pn	13:29:26.21	0.08
GOLS	111.0	260	ePn	13:29:26.79	-0.01
			eSn	29:41.58	-0.26
GCIS	114.7	252	iPnC	13:29:27.29	0.03
			iSn	29:41.62	-1.05
MPLH	116.5	19	Pn	13:29:27.83	0.33
DOBS	121.3	268	iPn	13:29:28.18	0.09
			iSn	29:44.82	0.69
PKSM	123.8	88	Pn	13:29:28.22	-0.18
			Sn	29:43.60	-1.09
MORH	124.0	88	Pn	13:29:28.29	-0.14
PKB4	125.5	74	Pn	13:29:30.06	1.44
			Sn	29:45.95	0.87
PKB5	138.5	71	Pn	13:29:30.18	-0.05
EGYH	139.3	9	Pn	13:29:31.21	0.87
PKB1	150.5	63	Pn	13:29:31.36	-0.37
			Sn	29:51.68	1.07
BLY	159.5	176	Pn	13:29:33.41	0.56
			Sn	29:54.16	1.55
CSKK	161.3	35	Pn	13:29:33.49	0.42
ARSA	166.1	316	Pn	13:29:34.87	1.19
			Sn	29:54.25	0.17
PKB3	168.3	81	Pn	13:29:33.82	-0.13
			Sn	29:53.65	-0.92
PKSG	169.7	37	Pn	13:29:34.38	0.25
			Sn	29:54.46	-0.42
PKS2	171.0	78	Sn	13:29:54.72	-0.45
SOP	171.1	348	Pn	13:29:32.80	-1.50
PKB2	178.0	72	Pn	13:29:35.19	0.02
OBKA	195.1	281	Pn	13:29:37.57	0.27
PKS6	199.8	76	Sn	13:30:00.36	-1.20
SRO	205.8	28	Pn	13:29:39.42	0.79
ZST	224.2	1	ePn	13:29:41.50	0.58
			eSn	30:04.60	-2.37
A338	227.1	26	Pn	13:29:41.90	0.62
			Sn	30:07.66	0.04
FRGS	245.3	118	Pn	13:29:43.72	0.17

Földrengés paraméterek

Hypocenter Parameters

PENC	247.3	44	Pn	13:29:44.34	0.53
SMOL	261.1	6	eSn	13:30:13.80	-1.37
A336	272.3	33	Pn	13:29:47.50	0.58
			Sn	30:17.66	0.00
PSZ	290.6	48	Pn	13:29:48.51	-0.69
			Sn	30:20.52	-1.19*
VYHS	290.9	28	Pn	13:29:49.55	0.31
			Sn	30:19.84	-1.94*
BBLs	317.7	144	Pn	13:29:53.44	0.85*
KRUC	324.0	351	Pn	13:29:53.63	0.26*
			Sn	30:26.53	-2.60*
VRAC	349.4	355	Pn	13:29:56.84	0.31*
			Sn	30:32.06	-2.71*
BZS	360.8	100	Pn	13:29:58.76	0.81*
KECS	365.3	45	ePn	13:29:58.50	-0.02*
LANS	377.3	29	Pn	13:30:00.93	0.92*
MORC	401.7	5	Pn	13:30:04.18	1.13*
			Sn	30:44.28	-2.09*
KRLC	433.5	357	Pn	13:30:08.07	1.05*
			Sn	30:51.89	-1.55*
NIE	435.7	34	Pn	13:30:09.06	1.76*
DPC	466.7	353	ePn	13:30:12.80	1.64*

834.

2018-08-29 time: 19:51:25.17 UTC ML= 1.4
 lat: 47.504N lon: 18.045E h= 12.9 km
 erh= 2.5km erz= 2.1km
 nr= 20 gap=122 rms=0.94
 Locality: Kisbér
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	22.6	134	Pg	19:51:29.80	-0.01
			Sg	51:33.48	0.05
PKST	27.2	182	Pg	19:51:30.65	0.10
			Sg	51:34.50	-0.24
PKSG	28.9	116	Pg	19:51:31.43	0.61
			Sg	51:35.08	-0.15
SRO	39.9	30	Pg	19:51:33.49	0.84
MPLH	53.2	226	Pg	19:51:35.40	0.45
			Sg	51:43.46	0.88
EGYH	54.6	260	Pg	19:51:33.08	-2.11
			Sg	51:43.80	0.79
A338	61.4	22	Pg	19:51:34.22	-2.14
TIH	68.1	190	Sg	19:51:45.54	-1.66
PENC	98.2	71	P*	19:51:44.16	1.50
A336	108.0	41	Pn	19:51:44.16	0.13
			Sn	51:58.30	-0.44
VYHS	124.9	28	Pn	19:51:45.46	-0.67
MORH	150.3	162	Sn	19:52:08.36	0.24
PKSM	150.7	162	Pn	19:51:50.06	0.72
			Sn	52:08.34	0.14

835.

2018-08-30 time: 6:10:47.12 UTC ML= 1.1
 lat: 47.120N lon: 17.774E h= 0.0 km
 erh= 2.9km erz= 813km
 nr= 6 gap=128 rms=0.47
 Locality: Bánd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	18.6	288	Pg	6:10:50.60	0.15
			Sg	10:52.72	-0.33
PKST	25.1	52	Pg	6:10:51.61	0.01
			Sg	10:55.04	-0.06
TIH	26.1	160	Pg	6:10:52.39	0.62
PKSM	120.8	147	Sg	6:11:24.32	-1.20

836.

2018-08-30 time: 7:22:56.92 UTC ML= 1.3
 lat: 47.272N lon: 18.363E h= 0.0 km
 erh= 1.6km erz= 375km
 nr= 7 gap=161 rms=1.42
 Locality: Sárkeresztes
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	12.7	322	Pg	7:22:59.27	0.08
			Sg	23:00.27	-0.69
PKSG	13.4	9	Pg	7:22:57.95	-1.37
			Sg	22:58.39	-2.80
PKST	24.9	267	Pg	7:23:02.89	1.53
MORH	119.4	170	Sg	7:23:36.36	1.49
PKSM	119.8	170	Sg	7:23:36.19	1.19

837.

2018-08-30 time: 7:32:51.29 UTC ML= 0.9
 lat: 47.210N lon: 18.265E h= 0.0 km
 erh= 0.5km erz= 199km
 nr= 10 gap=140 rms=0.15
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.1	359	Pg	7:32:54.28	-0.06
			Sg	32:56.63	-0.09
PKST	18.4	287	Pg	7:32:54.59	0.02
			Sg	32:57.19	0.06
PKSG	22.4	25	Pg	7:32:55.21	-0.08
			Sg	32:58.50	0.10
MPLH	55.2	265	Sg	7:33:08.79	-0.05
MORH	114.2	165	Sg	7:33:27.45	-0.14
PKSM	114.6	165	Pg	7:33:12.04	0.29
KOVH	125.3	186	Sg	7:33:30.01	-1.11

838.

2018-08-30 time: 8:31:30.79 UTC ML= 1.3
 lat: 48.556N lon: 20.775E h= 0.0 km
 erh= 2.4km erz= 2.4km
 nr= 10 gap=129 rms=1.04
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.8	249	Pg	8:31:35.04	0.18
			Sg	31:37.33	-0.71
ABAH	44.9	130	Pg	8:31:39.13	0.33
PSZ	96.4	223	Pg	8:31:49.34	1.34
			Sg	32:01.53	0.09
NIE	101.8	341	Pg	8:31:50.83	1.87
TRPA	139.1	110	Pn	8:31:54.64	-0.52
			Sn	32:12.68	-1.49
VYHS	143.4	267	Pn	8:31:55.19	-0.51
			Sn	32:13.30	-1.83

839.

2018-08-30 time: 10:26:40.78 UTC ML= 1.6
 lat: 48.642N lon: 21.408E h= 10.0 km
 erh= 3.8km erz=21.0km
 nr= 7 gap=168 rms=0.59
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
ABAH	40.4	198	Pg	10:26:48.70	0.48
			Sg	26:54.08	0.06
KECS	70.4	255	Pg	10:26:53.51	0.04
			Sg	27:02.97	-0.40

Hypocenter Parameters

KOLS 71.3 63 Sg 10:27:03.53 -0.15
 TRPA 101.2 124 Pg 10:26:59.37 0.42
 Sg 27:11.00 -2.12

840.

2018-08-30 time: 10:34:12.35 UTC ML= 1.4
 lat: 48.663N lon: 21.477E h= 0.0 km
 erh= 5.8km erz= 4.7km
 nr= 6 gap=232 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	44.5	203	Pg	10:34:20.78	0.49
			Sg	34:26.44	-0.05
KECS	75.9	255	Sg	10:34:35.26	-1.21
TRPA	98.5	127	Sg	10:34:43.22	-0.43
PSZ	143.7	235	Pn	10:34:37.61	0.30
			Sn	34:57.21	0.44

841.

2018-08-30 time: 19:47:00.51 UTC ML= 0.9
 lat: 47.493N lon: 18.058E h= 10.0 km
 erh= 2.8km erz= 3.3km
 nr= 13 gap=126 rms=0.45
 Locality: Kisbér
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	21.0	133	Pg	19:47:04.44	-0.23
			Sg	47:08.05	0.13
PKST	26.1	184	Pg	19:47:05.37	-0.14
			Sg	47:09.09	-0.31
PKSG	27.5	114	Pg	19:47:06.17	0.43
			Sg	47:09.90	0.08
MPLH	53.2	227	Pg	19:47:10.42	0.25
			Sg	47:17.26	-0.45
EGYH	55.4	261	Sg	19:47:18.71	0.30
A336	108.3	41	Pn	19:47:19.55	-0.22
VYHS	125.5	28	Pn	19:47:22.12	0.20
			Sn	47:37.34	-1.27
MORH	148.9	163	Pn	19:47:26.60	1.77

842.

2018-08-30 time: 22:54:08.03 UTC ML= 1.3
 lat: 45.982N lon: 19.065E h= 0.2 km
 erh= 2.3km erz= 601km
 nr= 16 gap=250 rms=0.56
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSM	41.6	308	Pg	22:54:15.19	-0.27
			Sg	54:20.15	-1.10
MORH	41.7	309	Pg	22:54:15.16	-0.31
			Sg	54:20.21	-1.07
PKB3	50.2	12	Pg	22:54:17.12	0.13
			Sg	54:23.86	-0.12
PKS2	57.9	11	PgU	22:54:18.42	0.06
			Sg	54:26.30	-0.13
PKB4	67.4	328	Sg	22:54:31.02	1.57
PKB5	72.8	340	Pg	22:54:21.92	0.90
			Sg	54:31.91	0.75
KOVH	75.7	279	Sg	22:54:32.54	0.46
PKS6	78.8	29	Pg	22:54:21.90	-0.19
			Sg	54:32.96	-0.10
PKS9	90.6	318	Sg	22:54:37.08	0.27
PKB1	91.7	347	Sg	22:54:36.74	-0.43

Földrengés paraméterek

843.

2018-08-30 time: 22:55:12.99 UTC ML= 0.5
 lat: 46.051N lon: 19.002E h= 12.7 km
 erh= 2.6km erz= 6.8km
 nr= 7 gap=284 rms=0.15
 Locality: Csátalja
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSM	33.1	303	Pg	22:55:19.17	-0.14
			Sg	55:24.33	0.08
MORH	33.2	304	Pg	22:55:19.34	0.02
			Sg	55:24.22	-0.05
PKS2	51.6	18	Pg	22:55:22.67	0.19
			Sg	55:30.02	0.13
PKB2	71.7	15	Sg	22:55:35.82	-0.31

844.

2018-08-31 time: 8:01:23.19 UTC ML= 1.3
 lat: 47.099N lon: 17.965E h= 0.0 km
 erh= 3.3km erz= ***km
 nr= 13 gap=131 rms=1.06
 Locality: Kádárta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.5	16	Pg	8:01:26.44	-0.06
			Sg	01:29.13	0.05
MPLH	33.3	284	Pg	8:01:30.37	1.24
			Sg	01:36.14	2.38
CSKK	36.9	37	Pg	8:01:30.42	0.64
			Sg	01:35.76	0.84
PKSG	45.8	45	Sg	8:01:37.95	0.21
EGYH	59.6	306	Pg	8:01:31.33	-2.50
A339	84.5	344	Pg	8:01:37.95	-0.33
			Sg	01:48.81	-1.23
MORH	111.1	152	Pg	8:01:43.09	0.07
			Sg	01:57.21	-1.28
PKSM	111.4	152	Pg	8:01:43.12	0.04

845.

2018-08-31 time: 10:38:03.62 UTC ML= 0.7
 lat: 47.431N lon: 18.081E h= 10.0 km
 erh= 5.0km erz= 7.6km
 nr= 7 gap=226 rms=0.22
 Locality: Aka
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	15.5	119	Pg	10:38:06.89	-0.03
			Sg	38:09.41	-0.08
PKST	19.5	190	Pg	10:38:07.60	0.07
			Sg	38:10.81	0.24
PKSG	23.8	101	Pg	10:38:08.49	0.26
			Sg	38:11.57	-0.25
MPLH	50.2	235	Sg	10:38:19.43	-0.46

846.

2018-08-31 time: 20:06:18.73 UTC ML= 2.3
 lat: 46.982N lon: 19.336E h= 10.0 km
 erh= 1.2km erz= 1.3km
 nr= 55 gap= 32 rms=0.83
 Locality: Kunbaracs
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKS7	15.1	299	Pg	20:06:22.68	0.71
			Sg	06:25.46	0.96
PKB2	35.0	192	Pg	20:06:25.79	0.57
			Sg	06:30.88	0.59

Földrengés paraméterek

PKSN	41.6	103	Pg	20:06:26.36	-0.01
			Sg	06:31.95	-0.37
PKS6	46.0	158	Pg	20:06:27.50	0.37
			Sg	06:34.08	0.40
PKB1	46.9	242	Pg	20:06:27.66	0.36
			Sg	06:33.72	-0.26
PKS2	55.3	190	Pg	20:06:29.57	0.81
			Sg	06:37.71	1.12
NADP	62.5	299	Pg	20:06:30.35	0.31
			Sg	06:38.53	-0.32
PKB5	62.9	227	Pg	20:06:30.16	0.06
			Sg	06:38.41	-0.55
PKB3	63.0	190	Pg	20:06:30.42	0.30
			Sg	06:38.93	-0.08
PKB4	77.8	226	Pg	20:06:32.82	0.09
			Sg	06:43.82	0.17
BSZH	79.0	63	Pg	20:06:32.48	-0.47
			Sg	06:44.37	0.34
PKSG	84.9	302	Pg	20:06:34.06	0.07
			Sg	06:44.46	-1.44
PENC	90.0	357	Pg	20:06:34.80	-0.09
			Sg	06:46.90	-0.60
CSKK	91.9	297	Pg	20:06:35.15	-0.08
			Sg	06:46.29	-1.81
PKS9	91.9	241	Pg	20:06:35.32	0.08
			Sg	06:47.91	-0.20
MORH	100.3	212	Pg	20:06:35.96	-0.78
			Sg	06:48.90	-1.88
PKSM	100.8	212	Pg	20:06:35.98	-0.84
			Sg	06:49.00	-1.93
PKST	103.4	287	P*	20:06:37.35	0.07
			S*	06:50.13	-1.61
TIH	110.2	265	Pn	20:06:38.62	0.39
			Sn	06:52.54	-0.90
PSZ	112.3	22	Pn	20:06:37.16	-1.33
			Sn	06:51.47	-2.43
A338	136.7	327	Pn	20:06:43.04	1.51
			Sn	07:00.45	1.14
KOVH	137.3	224	Pn	20:06:42.63	1.02
MPLH	138.0	279	Pn	20:06:43.53	1.83
			Sn	07:00.24	0.63
A336	141.4	350	Pn	20:06:42.29	0.18
			Sn	07:00.27	-0.08
EGYH	159.4	288	Sn	20:07:06.71	2.36
VYHS	172.2	347	Sn	20:07:05.54	-1.66
SIRR	194.9	114	PnD	20:06:48.27	-0.52
ABAH	204.5	44	Pn	20:06:51.53	1.55
BZS	232.2	131	Pn	20:06:53.36	-0.08
SURR	254.4	122	PnC	20:06:55.86	-0.34
DRGR	258.1	95	Pn	20:06:57.36	0.69
MARR	290.7	97	PnC	20:07:00.45	-0.28
MDVR	306.4	143	PnD	20:07:02.52	-0.17*
GZR	319.0	124	PnD	20:07:03.99	-0.27*
HERR	334.1	134	PnC	20:07:06.09	-0.05*
BBLS	346.2	179	Pn	20:07:08.13	0.48*

847.

2018-09-01 time: 6:39:55.03 UTC ML= 1.1
 lat: 47.141N lon: 18.381E h= 16.0 km
 erh= 2.5km erz= 1.7km
 nr= 12 gap=140 rms=0.52
 Locality: Sárszentmihály
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	27.9	1	Pg	6:40:01.33	0.57
			Sg	40:05.00	-0.23
PKST	29.4	296	Pg	6:40:00.86	-0.13
			Sg	40:05.09	-0.56
PKB1	50.5	142	Pg	6:40:04.48	-0.01
			Sg	40:10.69	-1.18
PKS9	62.1	187	Sg	6:40:15.32	-0.09
PKB5	66.5	156	Pg	6:40:08.38	1.15
MORH	104.8	169	Pn	6:40:13.36	0.27

Hypocenter Parameters

PKSM	105.2	169	Sn	40:26.73	-0.45
			Pn	6:40:13.29	0.15
			Sn	40:26.87	-0.40

848.

2018-09-01 time: 8:55:25.72 UTC ML= 0.9
 lat: 46.176N lon: 18.290E h= 0.0 km
 erh= 3.7km erz= 734km
 nr= 8 gap=155 rms=0.54
 Locality: Zobákpusztá
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.7	236	Pg	8:55:28.87	0.00
			Sg	55:31.57	0.24
PKSM	27.4	82	Pg	8:55:30.61	0.00
			Sg	55:34.17	-0.25
MORH	27.7	81	Pg	8:55:30.45	-0.21
			Sg	55:34.45	-0.06
PKB1	77.8	30	Pg	8:55:40.46	0.85
			Sg	55:48.59	-1.86

849.

2018-09-03 time: 3:35:28.70 UTC ML= 2.2
 lat: 45.534N lon: 16.137E h= 8.4 km
 erh= 4.5km erz= 2.1km
 nr= 13 gap=262 rms=0.66
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
ZAG	34.7	341	Pg	3:35:34.98	-0.09
			Sg	35:41.34	1.30
PTJ	43.1	341	Pg	3:35:36.16	-0.37
			Sg	35:42.70	0.06
CRES	62.2	302	Pg	3:35:39.86	-0.04
			Sg	35:46.93	-1.71
KOGS	102.0	5	Pg	3:35:47.05	0.07
			Sg	36:01.26	0.02
GROS	114.2	334	Pn	3:35:49.26	0.36
			Sn	36:03.56	-1.10
PERS	145.7	327	Sn	3:36:12.14	0.49
OBKA	164.0	311	Sn	3:36:16.96	1.26
PKSG	269.5	40	Pn	3:36:07.72	-0.54

850.

2018-09-03 time: 7:58:29.15 UTC ML= 1.4
 lat: 48.562N lon: 20.756E h= 0.0 km
 erh= 2.0km erz= 2.9km
 nr= 12 gap= 92 rms=0.72
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.8	246	Pg	7:58:33.70	0.66
			Sg	58:36.51	0.44
ABAH	46.4	130	Pg	7:58:37.80	0.37
			Sg	58:43.75	-0.14
PSZ	96.0	222	Pg	7:58:46.21	-0.07
NIE	100.7	341	Pg	7:58:48.16	1.03
LANS	115.0	305	Pg	7:58:49.20	-0.48
			Sg	59:05.00	-0.70
KOLS	119.0	70	eSg	7:59:06.60	-0.37
TRPA	140.6	110	Sn	7:59:11.01	-1.86
VYHS	142.0	267	Pn	7:58:54.21	0.32
			Sn	59:11.59	-1.59

Hypocenter Parameters

Földrengés paraméterek

851.

2018-09-03 time: 9:09:49.82 UTC ML= 1.9
 lat: 47.936N lon: 20.090E h= 0.0 km
 erh= 3.2km erz= 4.7km
 nr= 12 gap=180 rms=0.73
 Locality: Mátraderecske
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	14.7	263	Pg	9:09:52.87			0.41
			Sg	09:54.77			0.26
PENC	62.6	255	Pg	9:10:00.90			-0.10
			Sg	10:10.63			0.91
KECS	67.6	26	Sg	9:10:11.95			0.64
A336	87.8	292	Pg	9:10:06.08			0.58
			Sg	10:16.91			-0.81
ABAH	94.5	65	Sg	9:10:19.01			-0.85
VYHS	112.0	304	Pg	9:10:10.11			0.29
			Sg	10:23.96			-1.46
PKSG	141.2	245	Pn	9:10:14.61			0.14
			Sn	10:31.71			-1.98

852.

2018-09-03 time: 10:00:28.81 UTC ML= 1.3
 lat: 48.115N lon: 18.984E h= 0.0 km
 erh= 2.1km erz= 782km
 nr= 10 gap= 89 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
A336	13.2	5	Pg	10:00:31.45			0.29
			Sg	00:33.46			0.46
PENC	42.4	148	Sg	10:00:43.13			0.84
VYHS	43.5	345	Pg	10:00:37.08			0.50
			Sg	00:42.38			-0.27
A338	48.3	257	Pg	10:00:37.66			0.22
			Sg	00:43.62			-0.55
SRO	60.3	236	Sg	10:00:47.72			-0.24
KECS	118.7	70	ePg	10:00:48.90			-1.11
			eSg	01:04.80			-1.75

853.

2018-09-03 time: 11:19:19.48 UTC ML= 1.5
 lat: 47.988N lon: 20.018E h= 0.0 km
 erh= 1.2km erz= 301km
 nr= 8 gap=198 rms=0.22
 Locality: Mátraballa
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PSZ	12.1	230	Pg	11:19:21.76			0.12
			Sg	19:23.39			0.07
PENC	59.3	248	Pg	11:19:29.92			-0.15
			Sg	19:38.09			-0.24
KECS	65.1	32	Sg	11:19:40.10			-0.06
A336	80.6	290	Sg	11:19:45.02			-0.09
VYHS	104.3	303	Pg	11:19:38.58			0.48
			Sg	19:52.43			-0.19

854.

2018-09-04 time: 8:12:03.35 UTC ML= 1.2
 lat: 48.601N lon: 20.770E h= 0.0 km
 erh= 4.0km erz= 4.2km
 nr= 10 gap=166 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.8	238	Pg	8:12:08.22			0.45

			Sg	12:11.47			0.25
ABAH	48.5	134	Pg	8:12:13.07			1.06
			Sg	12:18.50			-0.27
PSZ	99.9	221	Pg	8:12:21.51			0.31
			Sg	12:33.67			-1.45
KOLS	116.5	71	Sg	8:12:39.79			-0.59
A336	137.3	253	Sn	8:12:46.03			-0.32
VYHS	143.3	265	Pn	8:12:28.51			0.26
			Sn	12:46.27			-1.40

855.

2018-09-05 time: 1:25:36.78 UTC ML= 2.0
 lat: 48.426N lon: 22.201E h= 7.0 km
 erh= 1.4km erz= 1.3km
 nr= 17 gap=137 rms=0.46
 Locality: Ukraine
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
TRPA	41.4	143	Pg	1:25:44.27			0.00
			Sg	25:49.78			-0.33
KOLS	56.7	5	Pg	1:25:46.57			-0.41
			Sg	25:54.48			-0.45
ABAH	72.7	259	Pg	1:25:50.17			0.35
			Sg	25:59.88			-0.11
LTVH	117.9	191	Pn	1:25:57.56			-0.05
			Sn	26:13.72			-0.15
KECS	127.0	273	Pn	1:25:59.45			0.70
			Sn	26:14.50			-1.39
NIE	177.0	309	Pn	1:26:05.53			0.54
			Sn	26:27.70			0.71
PSZ	180.6	252	Pn	1:26:05.65			0.22
			Sn	26:26.60			-1.18
DRGR	185.7	168	Pn	1:26:06.34			0.27
			Sn	26:28.95			0.04
VYHS	249.0	272	Pn	1:26:13.92			-0.04

856.

2018-09-05 time: 9:08:46.04 UTC ML= 1.4
 lat: 48.626N lon: 20.789E h= 0.0 km
 erh= 3.3km erz= 2.6km
 nr= 9 gap=209 rms=0.77
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	27.4	235	Pg	9:08:51.46			0.52
			Sg	08:53.75			-1.01
ABAH	49.6	138	Pg	9:08:55.58			0.69
			Sg	09:01.44			-0.36
PSZ	102.9	220	Pg	9:09:05.16			0.74
			Sg	09:18.63			-0.13
TRPA	140.9	113	Sn	9:09:28.36			-1.47
VYHS	144.9	264	Pn	9:09:11.71			0.57
			Sn	09:29.66			-1.06

857.

2018-09-05 time: 9:37:02.59 UTC ML= 0.7
 lat: 46.194N lon: 18.259E h= 0.0 km
 erh= 2.7km erz= 448km
 nr= 7 gap=219 rms=0.32
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.0	226	Pg	9:37:05.83			0.21
			Sg	37:08.37			0.38
PKSM	29.6	86	Pg	9:37:07.66			-0.21
			Sg	37:12.21			0.22
MORH	29.8	85	Pg	9:37:07.61			-0.31
			Sg	37:12.44			0.37
PKSV	33.9	181	Sg	9:37:12.82			-0.55

Földrengés paraméterek

Hypocenter Parameters

858.

2018-09-05 time: 13:13:56.28 UTC ML= 1.5
 lat: 48.477N lon: 18.847E h= 0.0 km
 erh= 6.4km erz= 770km
 nr= 6 gap=180 rms=0.54
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	2.0	337	Pg	13:13:56.28	-0.35
			Sg	13:57.25	0.34
A336	29.4	157	Pg	13:14:01.99	0.46
			Sg	14:06.42	0.80
PENC	82.9	157	Sg	13:14:22.09	-0.55
PSZ	99.7	129	Sg	13:14:27.22	-0.73

859.

2018-09-06 time: 7:35:26.70 UTC ML= 1.3
 lat: 46.252N lon: 18.462E h= 0.0 km
 erh= 0.5km erz= 226km
 nr= 15 gap=102 rms=0.20
 Locality: Kismányok
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSM	14.5	108	PgU	7:35:29.32	0.02
			Sg	35:31.36	0.04
MORH	14.6	106	PgU	7:35:29.29	-0.02
			Sg	35:31.43	0.08
PKB4	29.3	22	Pg	7:35:32.15	0.22
			Sg	35:36.73	0.72
KOVH	33.4	237	Pg	7:35:32.57	-0.08
			Sg	35:37.22	-0.08
PKS9	39.8	339	Pg	7:35:33.90	0.09
PKSV	43.5	202	Pg	7:35:34.77	0.30
			Sg	35:40.52	-0.02
PKB5	43.6	29	Pg	7:35:34.36	-0.12
			Sg	35:40.54	0.00
PKB1	64.4	23	Pg	7:35:37.76	-0.44
			Sg	35:46.88	-0.28

860.

2018-09-06 time: 8:18:15.30 UTC ML= 1.4
 lat: 48.066N lon: 20.685E h= 0.0 km
 erh= 3.0km erz= 4.8km
 nr= 7 gap=196 rms=0.67
 Locality: Bükkszentlászló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	48.5	58	Pg	8:18:24.22	0.25
			Sg	18:30.12	-0.61
KECS	48.6	342	Pg	8:18:24.32	0.33
			Sg	18:30.43	-0.34
PSZ	61.2	254	Pg	8:18:27.17	0.93
			Sg	18:34.40	-0.37
VYHS	145.2	289	eSn	8:18:58.40	-1.65

861.

2018-09-06 time: 8:31:22.24 UTC ML= 1.4
 lat: 48.551N lon: 20.751E h= 0.0 km
 erh= 3.7km erz= 5.3km
 nr= 9 gap=162 rms=0.83
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.0	249	Pg	8:31:26.50	0.51
			Sg	31:29.09	0.17

ABAH	46.0	128	Pg	8:31:29.58	-0.87
			Sg	31:36.64	-0.22
PSZ	94.9	222	Pg	8:31:39.34	0.16
			Sg	31:52.50	0.10
KOLS	119.8	69	ePg	8:31:45.20	1.57
			eSg	31:58.90	-1.41
VYHS	141.6	267	Sn	8:32:04.75	-1.44

862.

2018-09-06 time: 15:39:37.12 UTC ML= 1.6
 lat: 46.136N lon: 16.521E h= 8.2 km
 erh= 6.9km erz= 6.4km
 nr= 13 gap=137 rms=0.78
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	50.9	239	Pg	15:39:46.31	-0.01
			Sg	39:53.13	-0.37
PERS	121.4	297	Pn	15:39:58.74	0.50
			Sn	40:14.25	-0.47
KOVH	122.2	93	Pn	15:39:55.69	-2.65
			Sn	40:10.31	-4.58*
PKSV	136.9	102	Pn	15:40:00.02	-0.15
ARSA	145.5	328	Sn	15:40:19.30	-0.75
OBKA	157.4	285	Sn	15:40:23.49	0.79
PKSM	164.0	87	Sn	15:40:24.15	-0.01
MORH	164.2	87	Pn	15:40:05.13	1.55
			Sn	40:24.46	0.25
PKB4	165.4	76	Sn	15:40:23.95	-0.52

863.

2018-09-07 time: 8:09:20.74 UTC ML= 1.5
 lat: 48.571N lon: 20.808E h= 0.0 km
 erh= 1.1km erz= 1.7km
 nr= 10 gap= 90 rms=0.48
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.7	248	Pg	8:09:25.81	0.47
			Sg	09:29.24	0.32
ABAH	44.2	134	Sg	8:09:34.33	-0.45
PSZ	99.3	223	Pg	8:09:38.62	0.14
			Sg	09:52.54	0.22
NIE	101.0	339	Sg	8:09:52.82	-0.04
KOLS	115.0	69	eSg	8:09:57.50	0.20
A336	139.1	254	Sn	8:10:02.58	-1.56
VYHS	145.9	267	Pn	8:09:46.07	0.10
			Sn	10:04.59	-1.05

864.

2018-09-07 time: 9:05:44.03 UTC ML= 0.7
 lat: 47.201N lon: 18.314E h= 0.0 km
 erh= 2.0km erz= 413km
 nr= 6 gap=152 rms=0.24
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.5	347	Pg	9:05:47.23	-0.09
			Sg	05:49.37	-0.52
PKSG	22.0	15	Pg	9:05:47.97	0.02
			Sg	05:51.25	0.24
MPLH	58.8	267	Pg	9:05:54.82	0.30
PKSM	112.8	167	Sg	9:06:19.73	-0.15

Hypocenter Parameters

Földrengés paraméterek

865.

2018-09-07 time: 9:16:20.46 UTC ML= 1.5
 lat: 47.881N lon: 19.161E h= 0.0 km
 erh= 2.9km erz= 697km
 nr= 9 gap=202 rms=0.52
 Locality: Nótincs
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	13.5	138	Pg	9:16:22.56			-0.31
			Sg	16:24.53			-0.22
A336	41.0	343	Pg	9:16:28.13			0.35
			Sg	16:33.53			0.04
PSZ	55.0	86	Sg	9:16:38.30			0.36
VYHS	72.3	340	Pg	9:16:34.05			0.68
			Sg	16:42.29			-1.16
KECS	119.1	56	ePg	9:16:41.80			0.07
			eSg	16:57.10			-1.22

866.

2018-09-07 time: 9:55:32.41 UTC ML= 1.1
 lat: 47.699N lon: 18.710E h= 0.0 km
 erh= 2.1km erz= 510km
 nr= 9 gap=138 rms=0.38
 Locality: Csolnok
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	41.8	215	Pg	9:55:39.96			0.09
			Sg	55:45.90			0.21
PENC	44.1	77	Pg	9:55:40.24			-0.04
			Sg	55:47.20			0.79
A338	44.2	323	Pg	9:55:40.43			0.13
CSKK	50.4	222	Pg	9:55:41.25			-0.16
			Sg	55:48.08			-0.35
PSZ	92.0	75	Pg	9:55:48.79			-0.05
			Sg	56:00.18			-1.47

867.

2018-09-07 time: 10:59:32.48 UTC ML= 1.1
 lat: 46.051N lon: 18.126E h= 0.0 km
 erh= 1.9km erz= 210km
 nr= 8 gap=268 rms=0.16
 Locality: Cserkút
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	4.6	334	PgU	10:59:33.04			-0.26
			Sg	59:34.03			0.09
PKSM	43.7	66	Pg	10:59:40.33			0.06
			Sg	59:46.32			-0.03
MORH	44.0	65	Pg	10:59:40.30			-0.04
			Sg	59:46.45			-0.02
PKS9	60.7	11	Pg	10:59:43.26			-0.06
PKB5	76.5	38	Pg	10:59:46.48			0.33

868.

2018-09-08 time: 23:32:21.55 UTC ML= 2.0
 lat: 45.587N lon: 18.191E h= 2.7 km
 erh= 2.7km erz= 2.0km
 nr= 21 gap=105 rms=0.66
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	56.2	353	PgD	23:32:30.95			-0.65
			Sg	32:39.94			0.51
PKSM	77.8	27	Pg	23:32:35.63			0.18
			Sg	32:45.42			-0.86
MORH	78.2	27	PgD	23:32:35.75			0.22

			Sg	32:45.82			-0.62
PKB4	106.0	18	Pg	23:32:41.72			1.23
			Sg	32:54.73			-0.53
PKS9	111.4	3	Pg	23:32:41.77			0.32
			Sg	32:55.89			-1.07
PKB5	119.7	21	Pg	23:32:43.42			0.49
			Sg	32:58.84			-0.77
BLY	122.3	220	Pg	23:32:42.87			-0.52
			Sg	32:56.25			-4.17*
PKB1	141.0	19	Pn	23:32:46.69			0.88
			Sn	33:04.42			-0.31
PKB2	145.6	34	Sn	23:33:06.66			0.89
TIH	147.8	351	Pn	23:32:46.97			0.31
PKS6	154.8	43	Pn	23:32:47.97			0.43
PTJ	177.2	281	Sn	23:33:12.14			-0.64
BEO	197.2	116	Sn	23:33:16.43			-0.79

869.

2018-09-10 time: 1:10:33.08 UTC ML= 2.1
 lat: 46.008N lon: 17.173E h= 8.4 km
 erh= 2.2km erz= 1.8km
 nr= 40 gap= 97 rms=0.85
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
KOVH	72.3	83	Pg	1:10:46.07			-0.01
			Sg	10:54.89			-1.33
KOGS	86.3	304	ePg	1:10:49.56			0.99
			eSg	11:01.17			0.52
ZAG	93.6	258	Sg	1:11:02.26			-0.69
PTJ	94.9	263	Pg	1:10:49.84			-0.26
			Sg	11:01.57			-1.81
PKS9	106.8	53	Pg	1:10:52.31			0.10
TIH	113.5	29	Pn	1:10:53.36			0.17
PKSM	115.8	79	Pn	1:10:52.84			-0.63
			Sn	11:08.49			-0.89
MORH	116.1	79	Pn	1:10:52.85			-0.66
			Sn	11:08.69			-0.75
GCIS	120.9	263	iPn	1:10:55.40			1.29
			eSn	11:09.52			-0.99
PKB4	123.0	64	Pn	1:10:54.75			0.38
			Sn	11:11.16			0.19
MPLH	132.2	12	Pn	1:10:55.64			0.12
CREC	134.7	261	Pn	1:10:56.97			1.14
			Sn	11:14.66			1.09
PKB5	136.9	62	Pn	1:10:55.64			-0.47
GROS	138.3	291	iPn	1:10:56.11			-0.18
BLY	140.0	180	Pn	1:10:57.61			1.12
			Sn	11:14.76			0.01
PKB1	151.5	55	Pn	1:10:57.32			-0.61
			Sn	11:18.38			1.07
EGYH	157.1	4	Pn	1:10:59.60			0.98
PKB3	162.7	74	Pn	1:10:58.62			-0.71
PKS2	166.3	71	Pn	1:10:59.21			-0.56
CSKK	172.1	29	Pn	1:11:02.44			1.95
NADP	177.6	39	Pn	1:11:02.23			1.05
PKSG	179.8	31	Pn	1:11:01.43			-0.02
SOKA	180.8	294	Pn	1:11:01.57			-0.01
			Sn	11:22.10			-1.70
ARSA	187.1	318	Pn	1:11:01.98			-0.39
			Sn	11:23.21			-2.01
RONA	199.5	340	Pn	1:11:04.54			0.62
			Sn	11:25.13			-2.84
OBKA	209.8	285	Pn	1:11:05.40			0.20
			Sn	11:28.60			-1.65
MOA	301.5	313	Pn	1:11:16.17			-0.46*
			Sn	11:49.79			-0.80*

Földrengés paraméterek

Hypocenter Parameters

870.

 2018-09-10 time: 3:46:03.82 UTC ML= 1.7
 lat: 45.564N lon: 16.521E h= 0.2 km
 erh= 3.0km erz= 2.8km
 nr= 27 gap=116 rms=0.91
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	57.6	310	Pg	3:46:14.12	0.02
			Sg	46:21.15	-0.97
GCIS	77.3	296	iPg	3:46:17.76	0.13
CRES	87.8	289	Pg	3:46:20.13	0.62
			Sg	46:30.10	-1.65
BOJS	99.4	266	iPg	3:46:22.05	0.48
KOGS	100.5	348	iPg	3:46:22.41	0.64
LEGS	102.9	295	iPg	3:46:22.77	0.57
			iSg	46:35.40	-1.14
DOBS	104.4	309	iPg	3:46:23.15	0.68
			iSg	46:35.62	-1.40
BLY	104.5	150	Pg	3:46:22.19	-0.30
			Sg	46:35.52	-1.53
PDKS	130.6	295	iPn	3:46:27.60	0.48
GBRS	133.7	268	iPn	3:46:28.09	0.59
VISS	133.7	281	iPn	3:46:27.77	0.27
KOVH	135.8	65	Pn	3:46:25.79	-1.98
			Sn	46:42.27	-4.17*
SOKA	169.0	317	Pn	3:46:33.12	1.21
			Sn	46:52.93	-0.88
PKSM	179.6	66	Pn	3:46:34.81	1.58
			Sn	46:56.29	0.12
MORH	180.0	66	Pn	3:46:34.50	1.22
			Sn	46:56.39	0.14
OBKA	185.3	305	Sn	3:46:57.21	-0.22
			Sn	46:59.13	-2.13

871.

 2018-09-10 time: 8:25:50.55 UTC ML= 1.5
 lat: 48.590N lon: 20.759E h= 0.0 km
 erh= 1.7km erz= 3.7km
 nr= 11 gap= 88 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.4	240	Pg	8:25:54.91	0.19
			Sg	25:57.67	-0.31
ABAH	48.3	133	Pg	8:25:59.58	0.41
			Sg	26:05.30	-0.59
CRVS	62.3	56	ePg	8:26:01.60	-0.07
			eSg	26:09.30	-1.04
NIE	97.8	341	Pg	8:26:09.02	1.01
			Sg	26:20.72	-0.92
PSZ	98.5	221	Sg	8:26:22.02	0.18
KOLS	117.7	71	eSg	8:26:28.30	0.34
A336	136.2	253	Sn	8:26:32.72	-0.57

872.

 2018-09-11 time: 3:35:18.52 UTC ML= 0.6
 lat: 47.385N lon: 18.537E h= 11.4 km
 erh= 2.4km erz= 1.0km
 nr= 9 gap=243 rms=0.25
 Locality: Csákvár
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	11.1	274	Pg	3:35:21.38	0.02
			Sg	35:23.02	-0.56
NADP	15.4	157	Sg	3:35:24.60	-0.02
CSKK	21.0	263	Pg	3:35:23.08	0.28
			Sg	35:25.98	-0.15

PKST	40.5	250	Pg	3:35:26.24	0.20
			Sg	35:32.01	0.11
MORH	130.2	176	Sn	3:35:57.44	0.08
PKSM	130.7	177	Sn	3:35:57.01	-0.45

873.

 2018-09-11 time: 9:01:28.15 UTC ML= 1.3
 lat: 47.100N lon: 18.032E h= 0.0 km
 erh= 1.3km erz= 381km
 nr= 10 gap=127 rms=0.30
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.6	0	Pg	9:01:30.69	-0.61
			Sg	01:33.87	0.12
CSKK	33.9	31	Pg	9:01:33.91	-0.30
			Sg	01:39.31	0.38
MPLH	38.2	282	Sg	9:01:40.52	0.23
PKSG	42.3	40	Pg	9:01:35.49	-0.20
PKB5	77.7	136	Pg	9:01:42.49	0.47
SRO	82.1	15	Pg	9:01:42.90	0.10
MORH	108.9	155	Pg	9:01:47.63	0.04
PKSM	109.2	155	Pg	9:01:47.58	-0.07

874.

 2018-09-11 time: 9:32:57.32 UTC ML= 1.7
 lat: 48.634N lon: 19.138E h= 0.0 km
 erh= 4.1km erz= ***km
 nr= 10 gap=225 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	27.2	235	Pg	9:33:01.66	-0.52
			Sg	33:05.23	-0.73
A336	45.8	193	Pg	9:33:06.47	0.98
			Sg	33:12.10	0.23
A338	90.2	220	Sg	9:33:24.86	-1.12
PENC	94.4	173	Sg	9:33:27.72	0.38
PSZ	97.4	145	Pg	9:33:15.91	1.19
			Sg	33:28.16	-0.13
KECS	100.9	100	Pg	9:33:15.51	0.17
			Sg	33:27.96	-1.43

875.

 2018-09-11 time: 9:48:39.17 UTC ML= 0.8
 lat: 47.248N lon: 18.256E h= 0.0 km
 erh= 2.2km erz= 329km
 nr= 7 gap=228 rms=0.22
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	12.8	2	Pg	9:48:41.52	0.06
			Sg	48:43.39	0.14
PKST	16.8	274	Pg	9:48:41.90	-0.27
			Sg	48:44.57	0.06
PKSG	19.0	33	Pg	9:48:42.80	0.23
			Sg	48:44.72	-0.49
MPLH	54.9	261	Pg	9:48:49.07	0.09

876.

 2018-09-12 time: 7:01:25.99 UTC ML= 1.9
 lat: 47.930N lon: 20.061E h= 0.0 km
 erh= 1.8km erz= 2.6km
 nr= 14 gap=122 rms=0.56
 Locality: Bodony
 Comments: probably explosion

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
PSZ	12.5	264	PgU	7:01:28.32	0.11
			Sg	01:30.51	0.56
PENC	60.3	255	Pg	7:01:37.36	0.60
			Sg	01:45.09	-0.07
KECS	69.2	27	Pg	7:01:38.67	0.33
			Sg	01:48.30	0.33
A336	86.0	293	Sg	7:01:52.48	-0.84
ABAH	96.8	65	Pg	7:01:43.83	0.56
			Sg	01:55.40	-1.34
VYHS	110.5	305	ePg	7:01:45.70	-0.02
			eSg	01:59.00	-2.12
PKSN	115.7	187	Sg	7:02:02.30	-0.47
PKSG	139.0	245	Sn	7:02:08.71	-0.64
CSKK	149.2	245	Sn	7:02:11.43	-0.19

877.

2018-09-12 time: 10:31:42.91 UTC ML= 0.8
 lat: 47.381N lon: 18.157E h= 1.2 km
 erh= 4.0km erz=16.7km
 nr= 6 gap=232 rms=0.19
 Locality: Nagyveleg
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	8.1	104	Pg	10:31:44.57	0.20
			Sg	31:45.64	0.13
PKST	16.4	214	Pg	10:31:45.85	0.01
			Sg	31:47.96	-0.17
PKSG	17.7	86	Pg	10:31:46.13	0.05
			Sg	31:48.07	-0.49

878.

2018-09-12 time: 10:56:18.63 UTC ML= 1.5
 lat: 47.546N lon: 18.502E h= 0.0 km
 erh= 2.2km erz= 3.0km
 nr= 17 gap=139 rms=0.82
 Locality: Szárliget
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	19.0	206	Pg	10:56:21.88	-0.15
			Sg	56:24.78	0.10
CSKK	27.3	222	Pg	10:56:22.78	-0.72
			Sg	56:27.22	-0.07
SRO	33.0	335	Sg	10:56:30.39	1.29
NADP	33.2	165	Pg	10:56:25.34	0.78
			Sg	56:29.91	0.73
PKST	47.6	228	Pg	10:56:27.59	0.47
			Sg	56:33.72	-0.02
MPLH	83.8	240	Sg	10:56:45.30	0.02
A336	85.0	26	Sg	10:56:43.29	-2.36
PKB5	107.2	170	Sg	10:56:53.16	0.47
VYHS	108.4	13	Pg	10:56:38.48	0.50
			Sg	56:52.54	-0.53
MORH	148.2	176	Sn	10:57:02.54	-1.51
PKSM	148.7	176	Pn	10:56:44.75	0.55
			Sn	57:02.27	-1.87

879.

2018-09-13 time: 9:06:57.40 UTC ML= 1.1
 lat: 45.888N lon: 18.399E h= 0.0 km
 erh= 3.9km erz= 649km
 nr= 8 gap=243 rms=0.46
 Locality: Villánykövesd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	11.4	270	Pg	9:06:59.29	-0.15
			Sg	07:00.27	-0.76
KOVH	32.2	314	Pg	9:07:03.53	0.38
			Sg	07:08.10	0.47

Földrengés paraméterek

PKSM	40.6	28	Pg	9:07:05.02	0.36
			Sg	07:09.33	-0.98
MORH	41.1	27	Pg	9:07:04.96	0.21
			Sg	07:10.26	-0.21

880.

2018-09-13 time: 10:20:43.56 UTC ML= 1.8
 lat: 48.233N lon: 21.236E h= 0.0 km
 erh= 3.8km erz= ***km
 nr= 9 gap=154 rms=0.95
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	7.0	2	Pg	10:20:44.66	-0.14
			Sg	20:45.31	-0.46
KECS	62.1	297	Pg	10:20:55.15	0.49
			Sg	21:02.84	-0.47
CRVS	76.2	13	eSg	10:21:10.80	3.02
TRPA	97.6	97	Pg	10:21:01.90	0.91
			Sg	21:13.53	-1.05
PSZ	105.9	251	Sg	10:21:16.78	-0.44
KOLS	109.1	45	Sg	10:21:17.17	-1.08

881.

2018-09-13 time: 13:36:22.46 UTC ML= 1.2
 lat: 47.591N lon: 18.430E h= 0.0 km
 erh= 3.8km erz= 3.5km
 nr= 7 gap=300 rms=0.48
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	22.4	188	Pg	13:36:26.62	0.16
			Sg	36:29.53	-0.05
CSKK	28.4	207	Pg	13:36:27.83	0.30
			Sg	36:32.04	0.55
NADP	39.7	159	Sg	13:36:35.17	0.08
PKST	47.5	219	Sg	13:36:36.86	-0.70
PKSM	154.2	174	Sn	13:37:07.94	-1.27

882.

2018-09-14 time: 6:08:46.88 UTC ML= 1.0
 lat: 47.184N lon: 18.225E h= 0.0 km
 erh= 1.4km erz= 372km
 nr= 8 gap=136 rms=0.26
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.6	300	Pg	6:08:49.73	-0.12
			Sg	08:52.16	-0.01
CSKK	20.1	8	Pg	6:08:50.31	-0.16
			Sg	08:53.07	-0.19
PKSG	26.3	29	Pg	6:08:51.84	0.27
			Sg	08:55.73	0.49
NADP	30.9	75	Pg	6:08:52.00	-0.39
PKSM	112.7	164	Pg	6:09:07.25	0.25

883.

2018-09-14 time: 6:12:53.97 UTC ML= 0.8
 lat: 47.182N lon: 18.220E h= 0.0 km
 erh= 1.4km erz= 183km
 nr= 6 gap=273 rms=0.11
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.5	301	Pg	6:12:56.78	-0.13
			Sg	12:59.32	0.12

Földrengés paraméterek

CSKK 20.4 9 Pg 6:12:57.69 0.08
 Sg 13:00.27 -0.18
 PKSG 26.7 29 Pg 6:12:58.82 0.09
 Sg 13:02.44 -0.01

884.

2018-09-14 time: 6:24:53.13 UTC ML= 1.2
 lat: 47.325N lon: 18.425E h= 0.0 km
 erh= 1.9km erz= 532km
 nr= 9 gap=192 rms=0.41
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.8	341	Pg	6:24:54.37	-0.15
			Sg	24:54.91	-0.70
CSKK	13.1	289	Pg	6:24:55.60	0.13
			Sg	24:57.28	-0.02
PKST	30.5	256	Pg	6:24:58.90	0.33
			Sg	25:02.72	-0.09
MORH	124.5	172	Sg	6:25:32.34	-0.35
PKSM	124.9	172	Pg	6:25:16.33	0.90
			Sg	25:32.44	-0.38

885.

2018-09-14 time: 8:12:41.09 UTC ML= 1.5
 lat: 48.611N lon: 20.756E h= 0.0 km
 erh= 1.6km erz= 407km
 nr= 8 gap=184 rms=0.31
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.5	234	Pg	8:12:45.16	-0.31
			Sg	12:49.23	0.35
ABAH	50.1	134	Pg	8:12:49.83	-0.21
			Sg	12:56.84	-0.18
CRVS	61.1	58	Pg	8:12:52.29	0.28
			Sg	13:00.23	-0.29
PSZ	100.1	220	Pg	8:12:59.47	0.50
			Sg	13:12.73	-0.19

886.

2018-09-14 time: 8:24:52.97 UTC ML= 1.4
 lat: 47.098N lon: 17.742E h= 0.0 km
 erh= 2.9km erz= 221km
 nr= 5 gap=241 rms=0.11
 Locality: Szentgál
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	17.3	298	PgU	8:24:56.03	-0.04
			Sg	24:58.45	-0.04
PKST	28.5	51	Pg	8:24:58.11	0.05
			Sg	25:01.88	-0.15
PKSG	59.0	56	Sg	8:25:11.94	0.21

887.

2018-09-14 time: 8:46:25.87 UTC ML= 1.0
 lat: 47.193N lon: 18.263E h= 0.0 km
 erh= 1.2km erz= 371km
 nr= 9 gap=128 rms=0.28
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.8	293	Pg	8:46:29.40	0.17
			Sg	46:32.40	0.55
CSKK	19.0	360	Pg	8:46:29.09	-0.17
			Sg	46:31.87	-0.04

Hypocenter Parameters

PKSG 24.2 24 Pg 8:46:29.76 -0.43
 Sg 46:33.43 -0.13
 NADP 27.8 75 Pg 8:46:31.13 0.28
 Sg 46:34.99 0.26
 PKSM 112.8 165 Pg 8:46:45.77 -0.25

888.

2018-09-14 time: 9:14:12.30 UTC ML= 2.2
 lat: 48.218N lon: 21.219E h= 0.0 km
 erh= 3.3km erz= 5.6km
 nr= 10 gap=156 rms=0.81
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	8.8	10	Pg	9:14:13.92	0.05
			Sg	14:15.10	0.01
KECS	61.9	298	Pg	9:14:23.74	0.39
			Sg	14:31.72	-0.24
CRVS	78.1	13	ePg	9:14:28.00	1.75
TRPA	98.6	96	Sg	9:14:43.32	-0.33
PSZ	104.2	251	Sg	9:14:44.93	-0.50
KOLS	111.2	44	Pg	9:14:32.48	0.32
			Sg	14:46.11	-1.54
NIE	149.2	334	Sn	9:14:56.68	-1.25

889.

2018-09-14 time: 15:33:14.43 UTC ML= 1.5
 lat: 48.539N lon: 20.823E h= 0.0 km
 erh= 2.8km erz= 4.1km
 nr= 14 gap= 94 rms=1.00
 Locality: Hidvégdó
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.7	256	Pg	15:33:18.47	-0.55
			Sg	33:22.79	0.18
ABAH	41.0	131	Pg	15:33:22.32	0.57
			Sg	33:28.06	0.60
CRVS	61.9	49	ePg	15:33:25.80	0.32
			eSg	33:32.30	-1.80
PSZ	97.6	225	Pg	15:33:32.58	0.72
			Sg	33:45.74	0.28
NIE	104.7	339	Pg	15:33:34.69	1.57
KOLS	115.3	68	Sg	15:33:50.26	-0.81
LANS	120.5	304	eSg	15:33:46.90	-5.83
A336	139.4	256	Sn	15:33:57.54	-0.34
VYHS	146.9	268	ePn	15:33:39.00	-0.78
			eSn	33:57.00	-2.55

890.

2018-09-15 time: 8:52:36.19 UTC ML= 1.0
 lat: 46.043N lon: 18.359E h= 0.0 km
 erh= 2.5km erz= 448km
 nr= 7 gap=235 rms=0.29
 Locality: Magyararlós
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	20.7	284	Pg	8:52:39.85	-0.03
			Sg	52:42.51	-0.26
PKSM	28.8	49	Pg	8:52:41.51	0.18
			Sg	52:45.02	-0.32
MORH	29.2	49	Pg	8:52:41.76	0.35
			Sg	52:44.97	-0.51
PKS9	60.8	354	Sg	8:52:55.82	0.30

Hypocenter Parameters

Földrengés paraméterek

891.
 2018-09-15 time: 19:30:32.05 UTC ML= 1.5
 lat: 45.759N lon: 18.878E h= 10.0 km
 erh= 3.3km erz= 3.2km
 nr= 19 gap=168 rms=0.89
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSM	53.6	340	Pg	19:30:41.89	0.10
			Sg	30:47.97	-1.41
MORH	53.9	340	Pg	19:30:42.05	0.20
			Sg	30:48.05	-1.44
KOVH	70.6	301	Pg	19:30:45.31	0.52
			Sg	30:53.84	-0.89
PKB3	77.9	18	Pg	19:30:47.23	1.16
PKB4	84.7	345	Pg	19:30:48.07	0.79
			Sg	30:58.49	-0.66
PKS2	85.5	18	Pg	19:30:47.12	-0.30
			Sg	30:59.66	0.25
PKB5	93.6	353	Pg	19:30:49.69	0.83
			Sg	31:01.93	-0.04
FRGS	100.6	134	Pg	19:30:50.51	0.41
			Sg	31:01.95	-2.23
PKS9	103.0	333	P*	19:30:51.48	0.94
			S*	31:03.64	-1.32
PKB1	114.2	357	Sn	19:31:07.13	-0.51
PKST	178.9	339	Sn	19:31:25.29	3.29

892.

2018-09-17 time: 8:12:41.84 UTC ML= 1.1
 lat: 48.003N lon: 20.325E h= 0.0 km
 erh= 3.8km erz= 643km
 nr= 5 gap=189 rms=0.29
 Locality: Szarvaskő
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	33.5	254	Pg	8:12:47.43	-0.39
			Sg	12:52.86	0.37
KECS	54.7	13	Pg	8:12:51.89	0.29
			Sg	12:59.06	-0.15
ABAH	75.4	64	Sg	8:13:05.74	-0.07

893.

2018-09-17 time: 9:22:58.29 UTC ML= 0.9
 lat: 47.095N lon: 18.080E h= 0.0 km
 erh= 2.2km erz= 727km
 nr= 8 gap=132 rms=0.51
 Locality: Papkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.5	349	Pg	9:23:00.63	-0.97
			Sg	23:04.07	-0.11
CSKK	32.8	25	Pg	9:23:05.04	0.90
			Sg	23:08.63	-0.08
MPLH	41.9	281	Pg	9:23:05.83	0.06
			Sg	23:11.89	0.29
MORH	106.9	156	Sg	9:23:32.11	-0.16
PKSM	107.2	156	Sg	9:23:32.37	0.00

894.

2018-09-17 time: 10:02:29.03 UTC ML= 1.6
 lat: 48.151N lon: 16.917E h= 0.0 km
 erh= 2.7km erz= 3.8km
 nr= 14 gap= 87 rms=1.08
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	36.5	47	ePg	10:02:36.00	0.45
			eSg	02:41.20	0.56
SOP	58.4	207	Sg	10:02:47.44	-0.17
CONA	82.5	253	Pg	10:02:44.80	1.04
			Sg	02:54.89	-0.35
KRUC	108.4	339	Pg	10:02:49.37	0.98
			Sg	03:02.93	-0.56
MPLH	118.6	157	Sg	10:03:06.49	-0.25
PKST	129.9	140	Sg	10:03:09.00	-1.31
VRAC	130.9	350	Pn	10:02:52.13	-0.26
			Sn	03:09.46	-1.15
CSKK	133.5	131	Sn	10:03:08.25	-2.93
VYHS	147.4	75	ePn	10:02:56.30	1.86
			eSn	03:12.90	-1.37

895.

2018-09-17 time: 10:33:03.37 UTC ML= 1.0
 lat: 46.134N lon: 18.080E h= 0.0 km
 erh= 1.6km erz= 351km
 nr= 9 gap=214 rms=0.26
 Locality: Abaliget
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	5.3	163	Pg	10:33:04.26	-0.07
			Sg	33:05.17	0.10
PKSV	30.4	154	Pg	10:33:09.01	0.20
			Sg	33:12.70	-0.34
PKSM	44.2	79	Pg	10:33:11.54	0.27
			Sg	33:17.13	-0.30
MORH	44.5	78	Pg	10:33:11.72	0.39
			Sg	33:17.39	-0.14
PKS9	52.6	17	Pg	10:33:12.44	-0.33

896.

2018-09-17 time: 10:35:10.88 UTC ML= 1.5
 lat: 46.078N lon: 17.943E h= 0.0 km
 erh= 9.0km erz= ***km
 nr= 6 gap=300 rms=0.71
 Locality: Nagyváty
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	12.2	84	Pg	10:35:13.80	0.75
			Sg	35:15.15	0.40
PKSM	56.0	75	Pg	10:35:21.08	0.21
			Sg	35:27.00	-1.67
PKS9	62.3	25	Pg	10:35:21.43	-0.56
			Sg	35:30.92	0.26

897.

2018-09-18 time: 7:28:19.49 UTC ML= 1.4
 lat: 47.341N lon: 18.424E h= 0.0 km
 erh= 3.3km erz= 456km
 nr= 6 gap=277 rms=0.29
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	6.2	336	Pg	7:28:20.63	0.04
			Sg	28:21.15	-0.31
CSKK	12.6	281	Pg	7:28:21.96	0.22
			Sg	28:23.62	0.12
PKST	30.9	253	Pg	7:28:25.20	0.20
			Sg	28:28.61	-0.69

Földrengés paraméterek

Hypocenter Parameters

898.

2018-09-18 time: 7:37:38.85 UTC ML= 1.3
 lat: 47.353N lon: 18.379E h= 0.0 km
 erh= 1.3km erz= 378km
 nr= 7 gap=128 rms=0.25
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.4	11	Pg	7:37:39.58	-0.06
			Sg	37:40.10	-0.15
CSKK	9.1	277	Pg	7:37:40.59	0.12
			Sg	37:42.11	0.38
NADP	20.9	121	Sg	7:37:45.61	0.11
PKST	28.1	248	Pg	7:37:43.88	0.00
			Sg	37:47.06	-0.73

899.

2018-09-18 time: 8:19:12.20 UTC ML= 1.5
 lat: 48.604N lon: 20.764E h= 0.0 km
 erh= 1.9km erz= 3.3km
 nr= 12 gap=114 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.5	237	Pg	8:19:17.01	0.43
			Sg	19:19.74	-0.25
ABAH	49.1	134	Pg	8:19:20.78	-0.18
			Sg	19:27.12	-0.68
CRVS	61.1	57	Pg	8:19:23.38	0.27
			Sg	19:30.68	-0.94
PSZ	99.9	220	Pg	8:19:31.10	1.07
			Sg	19:43.87	-0.07
LANS	112.9	303	Pg	8:19:32.38	0.03
KOLS	116.9	72	Sg	8:19:49.52	0.18
VYHS	142.8	265	Pn	8:19:37.30	0.26
			Sn	19:54.99	-1.43

900.

2018-09-18 time: 9:03:14.56 UTC ML= 1.3
 lat: 47.725N lon: 18.778E h= 0.0 km
 erh= 7.2km erz= 835km
 nr= 6 gap=190 rms=0.48
 Locality: Kesztölc
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	47.1	218	Pg	9:03:23.15	0.17
			Sg	03:28.82	-0.72
NADP	53.4	193	Sg	9:03:31.24	-0.28
CSKK	56.0	224	Pg	9:03:25.35	0.79
			Sg	03:32.33	-0.03
VYHS	85.6	3	Sg	9:03:41.41	-0.35

901.

2018-09-18 time: 9:18:06.88 UTC ML= 1.2
 lat: 47.114N lon: 18.013E h= 0.0 km
 erh= 3.1km erz= 409km
 nr= 6 gap=246 rms=0.25
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.2	6	Pg	9:18:09.45	-0.32
			Sg	18:11.81	-0.21
CSKK	33.4	34	Pg	9:18:12.78	-0.07
			Sg	18:17.97	0.46
MPLH	36.4	280	Pg	9:18:13.57	0.19
			Sg	18:18.56	0.10

902.

2018-09-18 time: 10:06:05.96 UTC ML= 1.8
 lat: 48.381N lon: 19.840E h= 0.0 km
 erh= 1.5km erz= 584km
 nr= 11 gap= 94 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	49.1	77	Pg	10:06:15.26	0.53
			Sg	06:22.19	-0.16
PSZ	51.6	176	Pg	10:06:15.36	0.19
			Sg	06:26.41	-0.06
A336	64.5	255	Pg	10:06:17.57	0.09
			Sg	06:26.41	-0.06
VYHS	75.4	280	Pg	10:06:19.80	0.38
			Sg	06:27.03	-2.88
PENC	77.7	212	Sg	10:06:30.30	-0.36
LANS	89.9	342	Sg	10:06:34.47	-0.06
ABAH	104.2	95	Pg	10:06:24.68	0.12
			Sg	06:38.08	-0.99

903.

2018-09-19 time: 7:11:44.95 UTC ML= 1.7
 lat: 47.720N lon: 18.557E h= 0.0 km
 erh= 1.5km erz= 716km
 nr= 16 gap= 72 rms=0.64
 Locality: Bajót
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SRO	21.0	300	Pg	7:11:48.58	-0.12
			Sg	11:52.11	0.49
PKSG	38.6	199	Pg	7:11:52.66	0.83
			Sg	11:56.88	-0.32
BUD	43.8	127	Sg	7:11:58.27	-0.61
CSKK	45.5	209	Pg	7:11:53.86	0.79
			Sg	11:59.08	-0.33
PENC	54.9	82	Pg	7:11:55.99	1.24
			Sg	12:02.42	0.02
A336	65.9	30	Sg	7:12:05.37	-0.53
VYHS	88.6	14	eSg	7:12:13.00	-0.10
MPLH	98.1	231	Pg	7:12:02.48	0.02
			Sg	12:15.86	-0.27
EGYH	98.1	250	Sg	7:12:15.28	-0.86
MODS	119.9	307	ePg	7:12:05.50	-0.86
			eSg	12:20.40	-2.67*

904.

2018-09-19 time: 8:03:27.89 UTC ML= 1.7
 lat: 48.640N lon: 20.729E h= 0.0 km
 erh= 5.2km erz= 5.1km
 nr= 7 gap=232 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.0	226	Pg	8:03:33.08	0.73
			Sg	03:35.19	-0.64
ABAH	53.7	135	Pg	8:03:37.30	-0.18
			Sg	03:44.54	-0.43
PSZ	101.3	218	Pg	8:03:47.14	1.16
			Sg	03:59.46	-0.63
VYHS	140.6	263	Sn	8:04:10.68	-0.94

Hypocenter Parameters

905.

2018-09-19 time: 10:26:23.20 UTC ML= 1.6
 lat: 48.683N lon: 19.902E h= 0.8 km
 erh= 1.8km erz= 195km
 nr= 11 gap= 93 rms=0.82
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KECS	48.5	117	Sg	10:26:37.70	-0.91
LANS	61.0	329	Pg	10:26:34.58	0.48
			Sg	26:42.46	-0.13
VYHS	81.4	255	Sg	10:26:47.97	-1.10
PSZ	85.0	180	Pg	10:26:39.06	0.68
			Sg	26:49.75	-0.47
NIE	87.2	20	Pg	10:26:39.44	0.66
			Sg	26:48.82	-2.11
ABAH	107.8	113	Pg	10:26:43.53	1.07
			Sg	26:57.53	0.05
PENC	109.4	205	Sg	10:26:57.58	-0.39

906.

2018-09-20 time: 7:53:23.63 UTC ML= 1.8
 lat: 47.321N lon: 18.440E h= 0.0 km
 erh= 3.5km erz= 601km
 nr= 5 gap=198 rms=0.36
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.7	335	PgU	7:53:25.16	-0.03
			Sg	53:25.56	-0.84
CSKK	14.4	289	Pg	7:53:26.51	0.31
			Sg	53:28.42	0.22
MORH	123.8	173	Sg	7:54:02.97	-0.03

907.

2018-09-20 time: 10:06:16.10 UTC ML= 1.3
 lat: 47.212N lon: 18.273E h= 0.0 km
 erh= 2.0km erz= 603km
 nr= 7 gap=142 rms=0.40
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.9	357	Pg	10:06:19.05	-0.06
			Sg	06:21.59	0.14
PKSG	21.9	24	Sg	10:06:22.94	-0.12
MPLH	55.8	265	Pg	10:06:26.56	0.51
			Sg	06:33.29	-0.53
MORH	114.3	166	Pg	10:06:36.83	0.32
			Sg	06:51.64	-0.79

908.

2018-09-20 time: 10:59:54.56 UTC ML= 1.9
 lat: 47.848N lon: 19.130E h= 0.0 km
 erh= 1.4km erz= 2.8km
 nr= 12 gap=105 rms=0.41
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	13.0	119	Pg	10:59:57.20	0.31
			Sg	59:58.61	-0.09
BUD	41.3	191	Sg	10:60:07.30	-0.38
A336	43.9	347	Pg	10:60:02.93	0.52
			Sg	60:08.63	0.10
PSZ	57.7	82	Sg	10:60:12.72	-0.18
VYHS	75.1	343	Pg	10:60:08.43	0.45
			Sg	60:17.66	-0.78

Földrengés paraméterek

KECS 123.1 55 ePg 10:60:16.60 0.05
 eSg 60:32.20 -1.50
 MPLH 141.6 238 Pn 10:60:19.22 -0.03
 Sn 60:37.80 -0.70

909.

2018-09-20 time: 19:27:56.40 UTC ML= 2.2
 lat: 45.671N lon: 18.076E h= 6.5 km
 erh= 2.9km erz= 1.8km
 nr= 27 gap=168 rms=0.78
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	27.8	30	PgD	19:28:01.38	-0.11
			Sg	28:05.70	0.24
KOVH	46.4	2	Pg	19:28:04.37	-0.39
			Sg	28:10.67	-0.62
MORH	74.9	36	PgD	19:28:09.17	-0.65
			Sg	28:18.80	-1.49
PKB4	100.4	24	Pg	19:28:14.63	0.27
			Sg	28:28.54	0.16
PKS9	103.0	9	Pg	19:28:15.27	0.44
			Sg	28:29.14	-0.06
PKB5	114.7	26	Pn	19:28:17.05	0.15
			Sn	28:32.17	-0.72
PKB3	120.4	46	Pn	19:28:18.65	1.03
			Sn	28:33.68	-0.49
BLY	124.2	214	Pn	19:28:16.31	-1.77
			Sn	28:30.08	-4.92*
PKS2	126.7	44	Pn	19:28:19.26	0.86
			Sn	28:34.24	-1.33
BEHE	134.2	311	Sn	19:28:36.39	-0.83
PKB1	135.5	24	Pn	19:28:20.15	0.65
			Sn	28:37.71	0.19
TIH	137.3	354	Pn	19:28:20.51	0.79
PKB2	143.3	39	Sn	19:28:40.54	1.29
KOGS	165.6	301	Sn	19:28:44.17	-0.02
PTJ	166.6	279	Pn	19:28:23.74	0.36
			Sn	28:44.70	0.27
CRES	204.5	275	Pn	19:28:29.48	1.38
			Sn	28:53.88	1.05

910.

2018-09-20 time: 21:24:48.56 UTC ML= 0.7
 lat: 45.784N lon: 18.051E h= 15.0 km
 erh= 2.7km erz= 2.7km
 nr= 8 gap=313 rms=0.25
 Locality: Cún
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	19.5	53	Pg	21:24:52.72	-0.22
			Sg	24:56.54	0.17
KOVH	34.1	6	Pg	21:24:55.67	0.47
			Sg	25:00.12	-0.26
PKSM	66.0	44	Pg	21:25:00.78	0.14
			Sg	25:09.99	-0.07
MORH	66.5	44	Pg	21:25:00.46	-0.26
			Sg	25:10.27	0.06

911.

2018-09-21 time: 1:54:03.23 UTC ML= 1.4
 lat: 48.010N lon: 19.423E h= 10.0 km
 erh= 1.5km erz= 2.4km
 nr= 12 gap= 97 rms=0.43
 Locality: Iliny
 Comments:

sta	dist	azm	phase	hr mn sec	res
PENC	26.6	203	Pg	1:54:08.22	-0.08
			Sg	54:12.03	-0.23

Földrengés paraméterek

Hypocenter Parameters

PSZ 36.7 106 Pg 1:54:10.17 0.15
 Sg 54:15.30 -0.02
 A336 40.1 308 PgU 1:54:11.37 0.75
 Sg 54:16.48 0.10
 VYHS 69.2 321 Pg 1:54:16.06 0.34
 Sg 54:24.54 -0.93
 A338 79.8 270 Pg 1:54:17.86 0.26
 Sg 54:28.45 -0.36
 KECS 94.9 56 Sg 1:54:32.68 -0.88
 LANS 126.9 2 Sn 1:54:41.60 -0.04

912.

2018-09-21 time: 6:58:36.38 UTC ML= 1.5
 lat: 48.431N lon: 19.111E h= 0.0 km
 erh= 1.8km erz= 3.8km
 nr= 9 gap=158 rms=0.60
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
VYHS	21.5	289	Pg	6:58:40.32			0.09
			Sg	58:43.84			0.62
A336	23.5	201	Pg	6:58:40.92			0.34
			Sg	58:44.04			0.19
PENC	72.3	170	Sg	6:58:58.70			-0.67
PSZ	81.5	134	Sg	6:59:03.12			0.84
KECS	101.8	87	ePg	6:58:54.40			-0.16
			eSg	59:07.60			-1.14
MODS	136.0	267	eSn	6:59:17.70			-1.38

913.

2018-09-21 time: 10:00:25.41 UTC ML= 2.1
 lat: 48.166N lon: 16.895E h= 0.0 km
 erh= 2.6km erz= 2.9km
 nr= 14 gap=151 rms=0.86
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	36.6	51	ePg	10:00:31.50			-0.44
			eSg	00:37.40			0.37
RONA	68.5	221	Pg	10:00:37.57			-0.06
			Sg	00:45.86			-1.31
CONA	81.5	251	Pg	10:00:40.98			1.03
			Sg	00:51.44			0.14
EGYH	89.4	159	Sg	10:00:54.62			0.79
MPLH	120.8	156	Sg	10:01:03.94			0.13
PKST	132.2	140	Sn	10:01:05.22			-2.04
ARSA	144.8	225	Pn	10:00:51.16			0.67
			Sn	01:10.17			0.11
VYHS	148.5	76	Pn	10:00:51.96			1.01
			Sn	01:09.51			-1.37
MOA	199.3	260	Sn	10:01:20.97			-1.19

914.

2018-09-21 time: 10:41:25.74 UTC ML= 1.0
 lat: 47.209N lon: 18.255E h= 0.0 km
 erh= 0.8km erz= 2.3km
 nr= 8 gap=123 rms=0.53
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.1	1	Pg	10:41:28.92			0.12
			Sg	41:30.97			-0.21
PKST	17.6	288	Pg	10:41:28.99			0.10
			Sg	41:31.55			0.21
PKSG	22.7	27	Pg	10:41:29.42			-0.38
			Sg	41:32.93			-0.04
PKSM	114.7	165	Sg	10:42:01.25			-0.96
PSZ	146.4	57	Pn	10:41:52.38			1.35

915.

2018-09-21 time: 11:26:53.91 UTC ML= 2.4
 lat: 48.246N lon: 21.249E h= 0.0 km
 erh= 2.0km erz= 2.7km
 nr= 12 gap=153 rms=0.57
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	5.6	353	Pg	11:26:55.10			0.18
			Sg	26:56.05			0.35
KECS	62.4	295	Pg	11:27:04.94			-0.12
			Sg	27:12.87			-0.89
TRPA	96.8	98	Pg	11:27:11.31			0.11
			Sg	27:23.97			-0.70
PSZ	107.3	250	Pg	11:27:14.28			1.20
			Sg	27:27.53			-0.49
KOLS	107.5	45	Pg	11:27:13.65			0.55
			Sg	27:27.46			-0.61
NIE	147.4	332	Sn	11:27:39.46			0.30
VYHS	180.9	279	Sn	11:27:46.03			-0.55

916.

2018-09-21 time: 11:39:13.53 UTC ML= 2.1
 lat: 48.229N lon: 21.237E h= 0.0 km
 erh= 1.7km erz= 2.5km
 nr= 12 gap=154 rms=0.48
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	7.4	1	Pg	11:39:14.95			0.09
			Sg	39:15.90			0.01
KECS	62.5	297	Pg	11:39:24.89			0.20
			Sg	39:32.52			-0.87
TRPA	97.4	96	Pg	11:39:31.12			0.19
			Sg	39:43.27			-1.23
PSZ	105.9	251	Pg	11:39:32.87			0.43
			Sg	39:46.83			-0.36
KOLS	109.4	44	ePg	11:39:33.60			0.53
			eSg	39:48.70			0.40
NIE	148.7	333	Sn	11:39:58.43			-0.62
VYHS	180.4	279	Sn	11:40:06.21			0.12

917.

2018-09-22 time: 8:38:21.45 UTC ML= 1.0
 lat: 46.180N lon: 18.277E h= 0.0 km
 erh= 1.6km erz= 287km
 nr= 7 gap=209 rms=0.19
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	17.1	233	Pg	8:38:24.20			-0.30
			Sg	38:27.21			0.32
PKSM	28.3	83	Pg	8:38:26.57			0.06
MORH	28.6	82	Pg	8:38:26.56			0.00
			Sg	38:30.51			-0.03
PKSV	32.5	183	Pg	8:38:27.43			0.18
			Sg	38:31.58			-0.20

918.

2018-09-24 time: 8:10:04.44 UTC ML= 1.7
 lat: 48.590N lon: 20.765E h= 0.0 km
 erh= 1.8km erz= 3.0km
 nr= 12 gap=113 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
KECS	23.8	240	Pg	8:10:09.01	0.32
			Sg	10:11.27	-0.73
ABAH	48.0	133	Sg	8:10:19.23	-0.45
CRVS	61.9	56	Pg	8:10:16.01	0.52
			Sg	10:23.59	-0.53
PSZ	98.7	221	Pg	8:10:22.77	0.70
			Sg	10:35.90	0.07
LANS	113.8	303	ePg	8:10:24.80	0.04
			eSg	10:38.40	-2.20*
KOLS	117.3	71	Sg	8:10:41.50	-0.22
VYHS	142.8	266	Pn	8:10:29.59	0.31
			Sn	10:47.57	-1.09

919.

2018-09-24 time: 8:40:51.28 UTC ML= 1.1
 lat: 47.120N lon: 18.051E h= 0.0 km
 erh= 1.5km erz= 510km
 nr= 7 gap=122 rms=0.33
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	15.5	355	Pg	8:40:53.70	-0.35
			Sg	40:55.81	-0.40
CSKK	31.3	30	Sg	8:41:01.39	0.15
MPLH	39.2	278	Sg	8:41:04.13	0.39
PKSG	39.7	40	Sg	8:41:04.44	0.55
MORH	110.3	156	Sg	8:41:26.40	0.05
PKSM	110.6	156	Sg	8:41:26.26	-0.19

920.

2018-09-24 time: 10:13:14.85 UTC ML= 1.2
 lat: 47.035N lon: 17.986E h= 0.0 km
 erh= 1.0km erz= 300km
 nr= 9 gap=113 rms=0.22
 Locality: Szentkirályszabadja
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
TIH	16.5	205	Pg	10:13:17.90	0.09
PKST	25.2	8	Pg	10:13:19.16	-0.20
			Sg	13:22.88	0.01
MPLH	37.1	294	Pg	10:13:21.80	0.32
			Sg	13:26.35	-0.29
PKSG	50.2	38	Pg	10:13:23.89	0.08
MORH	104.0	151	Pg	10:13:33.43	0.00
PKSM	104.3	151	Pg	10:13:33.53	0.05
KOVH	105.5	175	Sg	10:13:47.28	-1.12

921.

2018-09-25 time: 8:11:47.66 UTC ML= 1.7
 lat: 47.351N lon: 18.405E h= 0.0 km
 erh= 1.2km erz= 130km
 nr= 5 gap=264 rms=0.06
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.6	346	Pg	8:11:48.49	0.00
			Sg	11:49.09	-0.04
CSKK	11.0	277	Pg	8:11:49.69	0.06
			Sg	11:51.22	0.05
PKST	29.9	250	Sg	8:11:57.06	-0.10

922.

2018-09-25 time: 8:38:51.73 UTC ML= 2.0
 lat: 48.596N lon: 20.757E h= 0.0 km
 erh= 0.4km erz= 0.4km
 nr= 7 gap=151 rms=0.67
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.6	238	Pg	8:38:56.49	0.54
			Sg	38:59.89	0.65
ABAH	48.9	133	Sg	8:39:06.45	-0.81
CRVS	62.0	57	Pg	8:39:03.26	0.46
KOLS	117.6	71	eSg	8:39:29.20	0.09
A336	136.3	253	Sn	8:39:33.30	-1.19
VYHS	142.3	265	Sn	8:39:35.08	-0.75

923.

2018-09-25 time: 9:27:05.59 UTC ML= 1.4
 lat: 47.904N lon: 19.395E h= 0.0 km
 erh= 2.0km erz= 729km
 nr= 10 gap=126 rms=0.57
 Locality: Becske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	15.2	214	PgD	9:27:08.24	-0.07
			Sg	27:10.43	0.00
PSZ	37.4	88	Pg	9:27:12.07	-0.19
			Sg	27:17.76	0.30
A336	47.0	321	Pg	9:27:14.19	0.21
			Sg	27:20.06	-0.46
VYHS	77.6	328	Pg	9:27:21.33	1.88
			Sg	27:29.87	-0.39
KECS	103.5	52	ePg	9:27:23.80	-0.27
			eSg	27:37.70	-0.79

924.

2018-09-25 time: 10:29:01.31 UTC ML= 1.6
 lat: 47.853N lon: 19.827E h= 0.0 km
 erh= 3.7km erz= 6.8km
 nr= 11 gap=134 rms=0.79
 Locality: Gyöngyöspata
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	8.8	35	Pg	10:29:03.58	0.69
			Sg	29:04.49	0.37
PENC	41.4	260	Sg	10:29:15.35	0.88
			Pg	10:29:14.30	-0.37
A336	74.8	304	Sg	29:24.95	-0.14
			Sg	10:29:28.13	-0.35
VYHS	102.5	314	Pg	10:29:20.97	1.36
			Sg	29:32.49	-1.40
ABAH	116.2	65	Sg	10:29:37.36	-0.89
PKSG	119.5	245	Sg	10:29:38.91	-0.39
PKB2	138.3	199	Sn	10:29:43.75	-0.78

925.

2018-09-25 time: 11:00:25.90 UTC ML= 1.9
 lat: 48.882N lon: 20.900E h= 0.0 km
 erh= 2.1km erz= 3.6km
 nr= 15 gap=115 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CRVS	41.3	87	Pg	11:00:33.10	-0.16
			Sg	00:37.77	-1.24
KECS	53.8	214	Pg	11:00:35.84	0.33

Földrengés paraméterek

Hypocenter Parameters

		Sg	00:43.07	0.07	
ABAH	69.8	159	Pg	11:00:38.32	-0.05
		Sg	00:47.96	-0.13	
NIE	73.4	324	Pg	11:00:39.63	0.62
		Sg	00:47.91	-1.33	
KOLS	100.9	87	ePg	11:00:44.90	0.99
		eSg	00:58.00	0.05	
PSZ	130.5	215	Pg	11:00:49.50	0.30
		Sg	01:06.07	-1.30	
VYHS	157.9	254	Sn	11:01:12.60	-0.87
OJC	168.8	332	Pn	11:00:55.34	1.37
		Sn	01:15.63	-0.24	

926.

2018-09-25 time: 13:14:53.53 UTC ML= 2.0
 lat: 48.444N lon: 17.220E h= 0.0 km
 erh= 2.2km erz= 2.1km
 nr= 19 gap=129 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	8.9	152	ePg	13:14:55.20	0.07
SMOL	17.2	63	Pg	13:14:57.32	0.71
			Sg	14:59.60	0.58
SOP	97.9	210	Pg	13:15:12.55	1.53
			Sg	15:23.84	-0.83
EGYH	114.5	176	Sg	13:15:29.72	-0.21
CONA	116.2	240	Pg	13:15:14.28	0.00
			Sg	15:30.35	-0.11
VYHS	119.6	87	Pg	13:15:14.70	-0.20
			Sg	15:29.10	-2.46
A336	134.0	100	Sn	13:15:35.19	-0.59
CSKK	143.2	147	Sn	13:15:37.06	-0.77
MPLH	143.7	170	Sn	13:15:36.51	-1.43
PKST	145.2	155	Sn	13:15:37.34	-0.94
PKSG	146.1	143	Pn	13:15:19.89	1.10
MORC	150.1	9	Pn	13:15:18.88	-0.40
			Sn	15:38.55	-0.81
ARSA	183.7	224	Pn	13:15:24.53	1.06
			Sn	15:47.45	0.62

927.

2018-09-26 time: 8:15:18.88 UTC ML= 1.4
 lat: 48.010N lon: 20.302E h= 0.0 km
 erh= 3.7km erz= 781km
 nr= 7 gap=186 rms=0.54
 Locality: Egerbocs
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	32.1	251	Pg	8:15:24.55	-0.06
			Sg	15:28.67	-0.41
KECS	54.4	15	Pg	8:15:29.21	0.62
			Sg	15:36.29	0.13
ABAH	76.7	66	Sg	8:15:42.93	-0.33
PENC	80.1	252	Pg	8:15:33.57	0.39
VYHS	121.4	296	Sg	8:15:55.92	-1.56

928.

2018-09-26 time: 8:27:29.90 UTC ML= 1.7
 lat: 47.118N lon: 17.547E h= 6.0 km
 erh= 2.9km erz= 3.1km
 nr= 7 gap=201 rms=0.37
 Locality: Ajkarendek
 Comments:

sta	dist	azm	phase	hr mn sec	res
MPLH	5.8	354	Pg	8:27:31.36	-0.04
			Sg	27:32.72	0.16
TIH	35.8	133	Sg	8:27:41.39	-0.04
EGYH	37.0	334	Pg	8:27:36.79	0.19

		Sg	27:40.93	-0.90	
PKST	40.1	67	Sg	8:27:42.39	-0.41
A339	79.5	6	Pg	8:27:44.61	0.47

929.

2018-09-26 time: 8:55:53.91 UTC ML= 2.3
 lat: 48.486N lon: 17.461E h= 0.0 km
 erh= 2.8km erz= 3.8km
 nr= 8 gap=153 rms=0.19
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	3.9	322	Pg	8:55:54.69	0.08
			Sg	55:55.11	-0.05
KRUC	101.2	309	Pg	8:56:11.86	-0.12
			Sg	56:26.13	0.05
VYHS	101.6	89	Pg	8:56:12.13	0.07
			Sg	56:26.05	-0.16
CONA	134.1	242	Pn	8:56:17.98	0.31
			Sn	56:35.61	-0.58

930.

2018-09-26 time: 8:58:22.39 UTC ML= 1.5
 lat: 47.564N lon: 18.463E h= 0.0 km
 erh= 2.0km erz= 2.6km
 nr= 13 gap=151 rms=0.54
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	19.9	196	Pg	8:58:25.90	-0.04
			Sg	58:28.70	-0.02
CSKK	27.1	214	Pg	8:58:27.18	-0.04
			Sg	58:31.62	0.63
NADP	36.0	161	Pg	8:58:28.60	-0.22
			Sg	58:34.25	0.42
PKST	46.9	224	Pg	8:58:30.64	-0.12
			Sg	58:37.11	-0.18
A336	84.5	28	Pg	8:58:37.85	0.37
VYHS	107.1	15	Pg	8:58:42.59	1.08
			Sg	58:55.52	-0.91
MORH	150.5	175	Sn	8:59:06.98	-1.33
PKSM	150.9	175	Sn	8:59:07.54	-0.87

931.

2018-09-27 time: 6:24:44.08 UTC ML= 1.3
 lat: 47.282N lon: 18.347E h= 0.0 km
 erh= 0.9km erz= 313km
 nr= 11 gap=154 rms=0.25
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	11.1	324	Pg	6:24:45.81	-0.26
			Sg	24:47.30	-0.32
PKSG	12.6	15	Pg	6:24:46.41	0.07
			Sg	24:48.28	0.18
PKST	23.8	264	Pg	6:24:48.32	-0.01
			Sg	24:51.49	-0.16
MPLH	62.4	258	Sg	6:25:04.52	0.60
MORH	120.7	169	Pg	6:25:06.04	0.40
			Sg	25:22.18	-0.27
PKSM	121.1	169	Pg	6:25:05.73	0.02
			Sg	25:22.43	-0.14

Hypocenter Parameters

Földrengés paraméterek

932.

2018-09-27 time: 6:40:54.93 UTC ML= 1.2
 lat: 47.335N lon: 18.386E h= 0.0 km
 erh= 1.8km erz= 615km
 nr= 9 gap=113 rms=0.46
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSG	6.4	3	Pg	6:40:55.87			-0.19
			Sg		40:56.45		-0.50
CSKK	10.0	288	Pg	6:40:57.09			0.38
			Sg		40:57.94		-0.16
NADP	19.5	116	Sg	6:41:02.27			1.13
PKST	27.9	252	Pg	6:41:00.12			0.21
			Sg		41:04.07		0.28
PKSM	126.4	171	Pg	6:41:17.21			-0.28
			Sg		41:34.27		-0.82

933.

2018-09-27 time: 8:27:02.88 UTC ML= 1.1
 lat: 47.096N lon: 18.038E h= 0.0 km
 erh= 2.2km erz= 611km
 nr= 7 gap=127 rms=0.42
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	18.1	359	Pg	8:27:06.07			-0.04
			Sg		27:07.93		-0.70
CSKK	34.1	30	Pg	8:27:08.51			-0.46
			Sg		27:14.57		0.84
MPLH	38.7	282	Sg	8:27:15.44			0.27
MORH	108.3	155	Pg	8:27:22.44			0.22
PKSM	108.6	155	Pg	8:27:22.34			0.06

934.

2018-09-27 time: 9:57:23.97 UTC ML= 1.0
 lat: 46.135N lon: 18.062E h= 0.0 km
 erh= 1.6km erz= 188km
 nr= 6 gap=287 rms=0.11
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	6.0	150	Pg	9:57:24.93			-0.11
			Sg		57:26.01		0.14
PKSV	31.1	152	Sg	9:57:33.80			-0.06
PKSM	45.6	79	Pg	9:57:32.17			0.06
			Sg		57:38.28		-0.18
MORH	45.9	79	Pg	9:57:32.27			0.11

935.

2018-09-27 time: 9:59:26.59 UTC ML= 1.2
 lat: 46.140N lon: 18.040E h= 0.0 km
 erh= 2.5km erz= 345km
 nr= 7 gap=290 rms=0.23
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	7.3	141	Pg	9:59:27.83			-0.07
			Sg		59:29.29		0.37
PKSV	32.4	150	Sg	9:59:36.42			-0.47
PKSM	47.1	80	Pg	9:59:35.17			0.17
			Sg		59:41.27		-0.29
MORH	47.4	80	Pg	9:59:35.17			0.12
			Sg		59:41.65		0.00

936.

2018-09-27 time: 15:01:46.54 UTC ML= 1.5
 lat: 45.837N lon: 16.000E h= 7.4 km
 erh= 1.4km erz= 1.2km
 nr= 6 gap=233 rms=0.11
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
ZAG	1.0	208	Pg	15:01:47.74			-0.14
			Sg		01:49.02		0.10
PTJ	7.7	335	Pg	15:01:48.49			0.03
			Sg		01:49.92		-0.03
CRES	42.2	268	Pg	15:01:54.34			0.15
			Sg		02:00.03		-0.13

937.

2018-09-28 time: 9:03:24.80 UTC ML= 1.0
 lat: 45.829N lon: 18.462E h= 0.4 km
 erh= 4.6km erz= 191km
 nr= 8 gap=274 rms=0.49
 Locality: Lapánca
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	17.6	292	Pg	9:03:27.67			-0.27
			Sg		03:30.20		-0.20
KOVH	40.3	316	Pg	9:03:33.41			1.42
			Sg		03:37.21		-0.39
PKSM	44.8	18	Pg	9:03:32.57			-0.23
			Sg		03:39.14		0.11
MORH	45.3	18	Pg	9:03:32.88			0.00
			Sg		03:39.09		-0.10

938.

2018-09-28 time: 9:57:25.30 UTC ML= 1.7
 lat: 45.590N lon: 17.386E h= 10.0 km
 erh= 4.7km erz= 1.7km
 nr= 10 gap=215 rms=0.39
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	75.2	64	Pg	9:57:39.49			0.65
			Sg		57:49.50		0.10
KOVH	78.4	45	Pg	9:57:39.08			-0.34
			Sg		57:49.33		-1.10
BLY	94.8	190	Pg	9:57:42.37			0.06
			Sg		57:55.26		-0.33
PKSM	119.5	55	Pn	9:57:46.16			0.21
			Sn		58:02.14		0.08
MORH	119.9	55	Pn	9:57:46.23			0.22
			Sn		58:01.83		-0.33

939.

2018-09-28 time: 10:04:14.84 UTC ML= 0.9
 lat: 47.179N lon: 18.240E h= 0.0 km
 erh= 3.2km erz= 702km
 nr= 8 gap=196 rms=0.51
 Locality: Csőr
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	18.0	300	Pg	10:04:18.77			0.72
			Sg		04:21.38		0.83
CSKK	20.5	4	Pg	10:04:18.57			0.07
			Sg		04:21.08		-0.28
PKSG	26.2	26	Pg	10:04:19.23			-0.29
			Sg		04:22.64		-0.53
NADP	29.9	73	Sg	10:04:24.64			0.31

Földrengés paraméterek

Hypocenter Parameters

MPLH 53.2 269 Pg 10:04:23.67 -0.66

940.

2018-09-29 time: 9:22:03.31 UTC ML= 0.8
 lat: 46.177N lon: 18.289E h= 0.0 km
 erh= 1.1km erz= 209km
 nr= 8 gap=205 rms=0.15
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.6	236	Pg	9:22:06.32	-0.14
			Sg	22:09.28	0.36
PKSM	27.4	82	Pg	9:22:08.33	0.12
			Sg	22:11.94	-0.09
MORH	27.7	81	Pg	9:22:08.18	-0.08
			Sg	22:12.30	0.18
PKSV	32.2	185	Pg	9:22:08.93	-0.13
			Sg	22:13.55	0.01

941.

2018-09-30 time: 16:33:15.68 UTC ML= 1.4
 lat: 47.905N lon: 16.317E h= 7.6 km
 erh= 1.9km erz= 2.0km
 nr= 22 gap= 48 rms=0.78
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	22.9	184	Pg	16:33:20.10	0.11
			Sg	33:22.78	-0.57
SOP	30.6	144	Pg	16:33:21.39	0.08
			Sg	33:24.90	-0.79
CONA	34.1	274	Pg	16:33:22.64	0.71
			Sg	33:27.36	0.56
MODS	88.4	54	ePg	16:33:31.90	0.37
			eSg	33:42.80	-1.09
EGYH	93.6	125	Sg	16:33:46.23	0.71
ARSA	94.2	219	Pg	16:33:32.06	-0.49
			Sg	33:43.96	-1.75
KRUC	128.7	3	Pn	16:33:37.73	-0.07
			Sn	33:53.25	-1.79
SRO	149.7	94	Sn	16:33:59.40	-0.30
MOA	153.6	268	Pn	16:33:42.11	1.22
			Sn	34:00.58	0.03
VRAC	157.4	7	Pn	16:33:41.66	0.30
			Sn	34:00.34	-1.05
TREC	166.2	338	eSn	16:34:03.50	0.14
PERS	167.8	213	Sn	16:34:05.21	1.49
VYHS	198.4	71	Pn	16:33:47.04	0.56
KHC	244.0	304	ePn	16:33:55.50	3.34
			eSn	34:25.50	4.88*

942.

2018-09-30 time: 17:08:26.92 UTC ML= 1.3
 lat: 47.034N lon: 18.891E h= 15.4 km
 erh= 2.1km erz= 1.8km
 nr= 24 gap=130 rms=0.79
 Locality: Rácalmás
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKS7	20.5	86	Pg	17:08:31.44	-0.07
			Sg	08:34.37	-0.71
PKB1	28.8	195	PgD	17:08:33.12	0.37
			Sg	08:37.19	-0.11
PKB2	48.1	146	Pg	17:08:36.68	0.73
			Sg	08:41.97	-1.01
PKB5	50.3	194	Pg	17:08:36.05	-0.26
			Sg	08:42.99	-0.64
PKSG	54.9	316	Sg	17:08:44.51	-0.55
CSKK	60.2	307	Sg	17:08:46.17	-0.50

PKB4	63.7	200	Sg	17:08:47.04	-0.72
PKS2	65.1	158	Pg	17:08:40.13	1.26
			Sg	08:47.98	-0.21
PKS9	68.3	223	Pg	17:08:39.92	0.50
			Sg	08:49.86	0.70
PKST	69.6	291	Pg	17:08:40.41	0.75
			Sg	08:49.08	-0.51
MORH	92.9	192	P*	17:08:44.09	0.73
			S*	08:55.31	-0.88
PKSM	93.4	192	P*	17:08:44.11	0.67
			S*	08:55.14	-1.18
KOVH	121.4	210	Pn	17:08:48.77	1.64
			Sn	09:01.44	-1.44
PKSV	136.5	201	Pn	17:08:47.87	-1.14

943.

2018-09-30 time: 22:59:03.66 UTC ML= 0.8
 lat: 45.826N lon: 18.431E h= 7.4 km
 erh= 0.8km erz= 1.7km
 nr= 8 gap=275 rms=0.09
 Locality: Nagyharsány
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	15.5	296	Pg	22:59:06.62	-0.10
			Sg	59:09.12	0.01
KOVH	38.8	319	Pg	22:59:10.85	0.14
			Sg	59:16.20	-0.01
PKSM	45.8	21	Pg	22:59:11.93	-0.02
			Sg	59:18.56	0.14
MORH	46.3	21	Pg	22:59:11.97	-0.07
			Sg	59:18.51	-0.06

944.

2018-10-01 time: 1:28:16.39 UTC ML= 1.9
 lat: 45.799N lon: 18.894E h= 0.5 km
 erh= 1.5km erz= 2.1km
 nr= 27 gap=145 rms=0.56
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSM	49.8	337	Pg	1:28:25.56	0.27
			Sg	28:31.69	-0.55
MORH	50.2	337	Pg	1:28:25.58	0.23
			Sg	28:31.87	-0.47
PKSV	50.8	281	Pg	1:28:25.84	0.37
			Sg	28:32.40	-0.14
KOVH	69.4	298	Pg	1:28:28.92	0.13
			Sg	28:37.50	-0.96
PKB4	80.7	344	Pg	1:28:31.50	0.71
			Sg	28:41.48	-0.55
PKS2	80.9	18	Pg	1:28:30.77	-0.06
			Sg	28:41.85	-0.24
PKB5	89.3	352	Pg	1:28:33.12	0.78
			Sg	28:44.69	-0.08
PKS9	99.6	332	Pg	1:28:35.14	0.96
			Sg	28:47.21	-0.84
PKB2	100.9	15	Pg	1:28:34.48	0.07
FRGS	102.9	136	Pg	1:28:33.83	-0.93
			Sg	28:46.12	-2.97*
PKS6	103.0	30	Pg	1:28:34.30	-0.48
PKB1	109.8	356	Pg	1:28:36.41	0.42
			Sg	28:50.07	-1.21
BEO	163.7	132	Pn	1:28:43.77	-0.01
PKST	175.1	338	Pn	1:28:45.81	0.61
			Sn	29:07.81	0.14
PKSG	181.2	348	Pn	1:28:46.49	0.54
			Sn	29:09.35	0.34

Hypocenter Parameters

Földrengés paraméterek

945.

2018-10-01 time: 8:39:08.63 UTC ML= 1.8
 lat: 48.608N lon: 20.763E h= 0.0 km
 erh= 2.1km erz= 3.2km
 nr= 12 gap=115 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	24.8	236	Pg	8:39:13.23			0.17
			Sg		39:16.67		0.16
ABAH	49.5	135	Pg	8:39:18.30			0.83
			Sg		39:23.63		-0.73
CRVS	60.8	58	Pg	8:39:20.11			0.61
			Sg		39:27.97		0.00
LANS	112.5	302	Pg	8:39:28.95			0.22
			Sg		39:43.41		-1.00
KOLS	116.7	72	Sg	8:39:45.17			-0.56
			Sn	8:39:50.54			-1.04
A336	137.1	252	Sn	8:39:50.54			-1.04
			Pn	8:39:34.07			0.71
TRPA	141.9	112	Pn	8:39:34.07			0.71
			Sn		39:50.58		-2.07

946.

2018-10-02 time: 7:07:11.47 UTC ML= 1.0
 lat: 47.137N lon: 18.182E h= 0.0 km
 erh= 2.9km erz= 804km
 nr= 9 gap=132 rms=0.61
 Locality: Ősi
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	17.6	320	Pg	7:07:14.00			-0.60
			Sg		07:16.51		-0.54
PKSG	32.4	29	Pg	7:07:17.77			0.51
			Sg		07:26.74		-0.25
MPLH	48.9	274	Pg	7:07:21.25			1.06
			Sg		07:26.74		-0.25
MORH	108.3	161	Pg	7:07:31.07			0.26
			Sg		07:45.04		-0.86
PKSM	108.7	161	Pg	7:07:31.21			0.33
			Sg		07:45.40		-0.62

947.

2018-10-02 time: 7:23:41.79 UTC ML= 1.8
 lat: 48.659N lon: 20.740E h= 0.0 km
 erh= 4.9km erz= 854km
 nr= 5 gap=211 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	27.1	224	Pg	7:23:46.43			-0.20
			Sg		23:50.10		-0.30
ABAH	54.7	138	Pg	7:23:52.28			0.73
			Sg		23:58.99		-0.17
KOLS	116.7	75	Sg	7:24:18.66			-0.21

948.

2018-10-02 time: 8:10:28.95 UTC ML= 1.1
 lat: 45.861N lon: 18.409E h= 0.0 km
 erh= 1.3km erz= 192km
 nr= 8 gap=260 rms=0.14
 Locality: Nagyharsány
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	12.6	284	Pg	8:10:31.06			-0.14
			Sg		10:33.05		0.10
KOVH	34.9	317	Pg	8:10:35.40			0.22
			Sg		10:39.80		-0.23
PKSM	43.0	25	Pg	8:10:36.68			0.05

			Sg	10:42.67			0.05
MORH	43.5	25	Pg	8:10:36.75			0.03
			Sg		10:42.58		-0.19

949.

2018-10-02 time: 10:00:46.84 UTC ML= 1.8
 lat: 48.167N lon: 16.901E h= 0.0 km
 erh= 3.8km erz= 4.3km
 nr= 11 gap=150 rms=0.76
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CONA	81.9	251	Pg	10:01:01.80			0.33
			Sg		01:12.30		-0.58
KRUC	106.3	339	Pg	10:01:06.77			0.96
			Sg		01:20.33		-0.28
VRAC	128.9	350	Pg	10:01:09.79			-0.07
			Sg		01:26.30		-1.51
ARSA	145.2	225	Pn	10:01:12.50			0.52
			Sn		01:30.37		-1.21
VYHS	148.0	76	Pn	10:01:13.20			0.87
			Sn		01:31.23		-0.98
MORC	185.1	15	Sn	10:01:40.72			0.29

950.

2018-10-02 time: 14:50:27.16 UTC ML= 2.3
 lat: 47.450N lon: 19.513E h= 10.0 km
 erh= 1.4km erz= 1.2km
 nr= 42 gap=102 rms=0.79
 Locality: Süllysáp
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BUD	37.1	276	Sg	14:50:39.64			0.27
			Pg	14:50:35.48			0.67
PENC	41.7	335	Sg	50:41.05			0.26
			Pg	14:50:37.26			0.63
PKS7	52.1	211	Sg	50:43.91			-0.11
			Pg	14:50:37.78			-0.14
PSZ	59.4	29	Sg	50:45.12			-1.20
			Pg	14:50:39.84			0.58
PKSN	67.0	156	Pg	14:50:49.85			-0.08
			Sg	14:50:42.96			0.53
NADP	71.0	252	Pg	14:50:42.96			0.53
			Sg	50:54.02			-0.33
PKSG	85.0	266	Sg	50:54.02			-0.33
			Pg	14:50:43.14			0.05
PKB2	88.6	193	Pg	14:50:43.14			0.05
			Sg	50:54.36			-1.15
PKB1	92.0	216	Pg	14:50:43.71			0.02
			Sg	50:55.89			-0.69
PKS6	94.6	178	Sg	14:50:56.06			-1.32
			Pg	14:50:44.46			0.24
CSKK	95.0	264	Pg	14:50:44.46			0.24
			Sg	50:56.84			-0.70
A336	95.2	336	Pg	14:50:44.06			-0.20
			Sg	50:56.10			-1.50
PKS2	108.9	192	Pn	14:50:46.76			0.27
			Sn	51:00.32			-1.25
PKB5	111.9	212	Pn	14:50:46.98			0.11
			Sn	51:01.08			-1.16
PKST	113.7	259	Pn	14:50:47.24			0.15
			Sn	51:01.73			-0.91
PKB3	116.6	192	Sn	14:51:02.19			-1.09
			Pn	14:51:05.20			-0.30
PKB4	126.6	213	Sn	14:51:05.20			-0.30
			Pn	14:50:48.96			0.26
VYHS	126.6	336	Pn	14:50:48.96			0.26
			Sn	51:04.75			-0.76
PKS9	134.2	224	Pn	14:50:50.54			0.90
			Sn	51:08.11			0.92
KECS	135.9	32	Sn	14:51:06.80			-0.77
			Pn	14:50:53.63			1.71
MPLH	152.5	258	Sn	51:13.70			2.46
			Pn	14:50:54.30			2.33
PKSM	152.9	206	Sn	51:11.78			0.45
			Pn	14:50:53.09			0.25
ABAH	159.8	54	Pn	14:50:53.09			0.25
			Sn	51:14.03			1.16

Földrengés paraméterek

KOVH 185.9 216 Sn 14:51:21.76 3.10*
 MODS 196.2 302 ePn 14:50:57.40 0.02
 eSn 51:19.50 -1.45

951.

2018-10-02 time: 21:56:51.73 UTC ML= 1.7
 lat: 47.855N lon: 18.623E h= 7.8 km
 erh= 1.5km erz= 1.5km
 nr= 39 gap= 61 rms=0.82
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	23.6	259	Pg	21:56:56.85	0.68
A338	26.9	311	PgU	21:56:58.16	1.42
PENC	49.9	98	Pg	21:57:01.06	0.32
			Sg	57:07.11	-0.66
A336	50.6	34	PgD	21:57:01.14	0.27
			Sg	57:07.05	-0.95
BUD	51.1	144	Pg	21:57:01.13	0.17
PKSG	54.3	199	Pg	21:57:01.86	0.33
			Sg	57:08.84	-0.34
CSKK	61.1	206	Pg	21:57:02.73	0.01
			Sg	57:10.68	-0.62
NADP	66.4	180	Sg	21:57:11.94	-1.04
A339	72.4	268	Pg	21:57:05.89	1.15
VYHS	72.8	13	Pg	21:57:05.09	0.28
			Sg	57:13.40	-1.61
PKST	79.7	214	Pg	21:57:05.64	-0.38
			Sg	57:16.28	-0.90
PSZ	95.4	86	Pg	21:57:08.27	-0.55
			Sg	57:20.75	-1.40
EGYH	108.5	243	Pg	21:57:11.27	0.11
			Sg	57:25.59	-0.72
MPLH	111.6	227	Pn	21:57:11.95	0.27
			Sn	57:25.99	-1.25
MODS	115.6	300	ePn	21:57:11.60	-0.58
			eSn	57:26.20	-1.93
PKB1	119.7	174	Pn	21:57:13.21	0.52
			Sn	57:28.09	-0.95
PKB5	140.3	177	Pn	21:57:16.83	1.57
			Sn	57:34.15	0.54
KECS	155.2	63	ePn	21:57:17.30	0.18
			eSn	57:36.90	-0.02
LANS	157.0	23	ePn	21:57:18.80	1.45
RONA	175.2	264	Pn	21:57:18.57	-1.04
			Sn	57:37.86	-3.50*
MORH	182.2	179	Pn	21:57:21.49	1.01
			Sn	57:43.82	0.91
PKSM	182.6	180	Pn	21:57:21.39	0.85
			Sn	57:43.65	0.64
CONA	206.6	272	Pn	21:57:22.92	-0.61

952.

2018-10-02 time: 23:22:07.61 UTC ML= 1.2
 lat: 47.848N lon: 18.648E h= 12.8 km
 erh= 1.8km erz= 2.9km
 nr= 17 gap= 66 rms=0.63
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	25.4	261	Pg	23:22:13.15	0.47
A338	28.8	310	PgU	23:22:14.10	0.86
PENC	47.9	98	Pg	23:22:17.20	0.74
			Sg	22:23.31	-0.05
BUD	49.4	145	Pg	23:22:17.18	0.46
A336	50.2	31	PgD	23:22:17.07	0.22
			Sg	22:22.97	-1.09
PKSG	54.3	201	Pg	23:22:18.08	0.51
			Sg	22:24.77	-0.58
CSKK	61.3	208	Pg	23:22:18.90	0.11
			Sg	22:26.80	-0.72

Hypocenter Parameters

NADP 65.7 182 Sg 23:22:28.08 -0.81
 VYHS 73.1 11 Pg 23:22:21.03 0.16
 Sg 22:29.35 -1.86
 PKST 80.2 215 Pg 23:22:22.01 -0.10
 Sg 22:32.36 -1.06
 EGYH 109.9 244 Sn 23:22:41.49 -0.13

953.

2018-10-03 time: 6:57:10.89 UTC ML= 1.2
 lat: 47.370N lon: 18.386E h= 0.0 km
 erh= 1.6km erz= 172km
 nr= 5 gap=237 rms=0.08
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	2.5	8	Pg	6:57:11.27	-0.06
			Sg	57:11.81	0.14
CSKK	9.5	265	Pg	6:57:12.50	-0.09
			Sg	57:13.92	0.00
PKST	29.3	245	Pg	6:57:16.19	0.06

954.

2018-10-03 time: 9:58:53.34 UTC ML= 0.8
 lat: 47.188N lon: 18.206E h= 0.0 km
 erh= 1.9km erz= 234km
 nr= 6 gap=270 rms=0.15
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	15.2	301	Pg	9:58:56.09	0.03
			Sg	58:58.17	-0.02
CSKK	19.9	12	Pg	9:58:56.99	0.09
			Sg	58:59.26	-0.42
PKSG	26.6	32	Pg	9:58:58.06	-0.04
			Sg	59:01.99	0.18

955.

2018-10-03 time: 10:26:07.32 UTC ML= 1.7
 lat: 48.611N lon: 20.771E h= 0.0 km
 erh= 1.9km erz= 3.9km
 nr= 8 gap=116 rms=0.43
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.4	236	Pg	10:26:12.31	0.45
			Sg	26:14.92	-0.48
ABAH	49.3	135	Sg	10:26:22.91	-0.07
STHS	96.0	21	Sg	10:26:37.42	-0.43
PSZ	100.8	220	Sg	10:26:39.12	-0.26
KOLS	116.1	72	Sg	10:26:44.45	0.23
VYHS	143.4	265	ePn	10:26:32.80	0.56
			eSn	26:50.70	-0.98

956.

2018-10-03 time: 10:51:49.33 UTC ML= 1.0
 lat: 47.219N lon: 18.292E h= 0.0 km
 erh= 1.5km erz= 333km
 nr= 9 gap=145 rms=0.25
 Locality: Moha
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.2	352	Pg	10:51:52.25	0.03
			Sg	51:54.34	-0.13
PKST	20.0	283	Pg	10:51:52.87	-0.03
			Sg	51:55.50	-0.18
PKSG	20.6	21	Pg	10:51:53.21	0.20

Hypocenter Parameters

MPLH 57.3 265 Sg 51:55.64 -0.24
 Pg 10:51:59.90 0.35
 Sg 52:07.48 -0.05
 PKSM 115.1 167 Sg 10:52:24.65 -1.28

957.

2018-10-03 time: 11:43:30.83 UTC ML= 1.8
 lat: 46.174N lon: 16.360E h= 15.4 km
 erh= 1.9km erz= 1.6km
 nr= 10 gap=132 rms=0.40
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	31.6	344	Sg	11:43:41.76	-0.24
PTJ	43.6	226	Pg	11:43:38.57	-0.52
			Sg	43:45.59	0.06
BEHE	45.9	44	Pg	11:43:39.70	0.23
			Sg	43:46.39	0.18
GROS	73.4	296	Pg	11:43:44.79	0.57
CRES	80.0	241	P*	11:43:45.64	0.35
			S*	43:56.66	0.08
KOVH	134.8	94	Pn	11:43:51.89	-0.80
			Sn	44:09.53	-0.21

958.

2018-10-04 time: 7:16:27.92 UTC ML= 1.3
 lat: 47.354N lon: 18.398E h= 0.0 km
 erh= 1.3km erz= 400km
 nr= 7 gap=130 rms=0.26
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.3	353	Pg	7:16:28.62	-0.06
			Sg	16:29.15	-0.13
CSKK	10.4	276	Pg	7:16:30.06	0.28
			Sg	16:31.56	0.33
NADP	19.8	123	Sg	7:16:34.12	-0.08
PKST	29.4	249	Sg	7:16:36.60	-0.67
PKSM	128.3	172	Pg	7:16:50.85	0.03

959.

2018-10-04 time: 8:22:26.45 UTC ML= 1.5
 lat: 48.361N lon: 17.302E h= 0.0 km
 erh= 4.2km erz= ***km
 nr= 6 gap=163 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	19.4	29	Pg	8:22:30.46	0.54
			Sg	22:33.12	0.49
KRUC	102.6	319	Pg	8:22:44.97	0.20
			Sg	22:57.87	-1.20
VYHS	114.5	83	Sg	8:23:02.15	-0.70
CONA	117.5	246	Sg	8:23:03.80	0.02

960.

2018-10-04 time: 8:59:21.29 UTC ML= 1.4
 lat: 47.794N lon: 19.107E h= 0.0 km
 erh= 2.2km erz= 817km
 nr= 11 gap=120 rms=0.67
 Locality: Tahitótfalu
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A270	8.7	310	Pg	8:59:24.06	1.21
PENC	13.1	92	Pg	8:59:23.41	-0.21
			Sg	59:24.80	-0.64

Földrengés paraméterek

BUD 35.1 190 Pg 8:59:26.99 -0.56
 Sg 59:32.92 0.48
 A336 49.5 351 Pg 8:59:30.30 0.18
 Sg 59:36.28 -0.74
 PSZ 60.5 77 Pg 8:59:32.72 0.63
 Sg 59:40.51 -0.01
 VYHS 80.4 345 Pg 8:59:35.87 0.23
 Sg 59:45.25 -1.59

961.

2018-10-04 time: 9:55:14.15 UTC ML= 1.4
 lat: 48.558N lon: 20.736E h= 0.0 km
 erh= 4.9km erz= 10.0km
 nr= 8 gap=107 rms=0.83

Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	20.3	246	Pg	9:55:17.20	-0.57
			Sg	55:20.07	-0.53
ABAH	47.3	128	Pg	9:55:22.63	0.03
PSZ	94.7	221	Pg	9:55:31.16	0.10
			Sg	55:44.82	0.57
NIE	100.6	342	Pg	9:55:34.28	2.16
STHS	102.5	21	Pg	9:55:31.61	-0.84
VYHS	140.5	267	Pn	9:55:38.39	-0.31

962.

2018-10-04 time: 10:05:00.20 UTC ML= 1.6
 lat: 45.529N lon: 17.803E h= 0.0 km
 erh= 5.2km erz= 6.2km
 nr= 12 gap=168 rms=0.58

Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	53.1	41	Pg	10:05:10.22	0.53
			Sg	05:17.35	0.26
KOVH	66.3	20	Pg	10:05:12.71	0.66
			Sg	05:21.54	0.25
BLY	99.4	209	Pg	10:05:17.76	-0.20
PKSM	100.0	41	Pg	10:05:18.18	0.12
			Sg	05:30.99	-1.00
MORH	100.5	41	Pg	10:05:18.18	0.03
			Sg	05:31.06	-1.08
PKB4	124.1	30	Sg	10:05:40.16	0.50
BEHE	131.4	323	Pn	10:05:23.51	-0.12
			Sn	05:39.78	-2.12

963.

2018-10-04 time: 10:39:53.11 UTC ML= 2.1
 lat: 48.214N lon: 21.221E h= 0.0 km
 erh= 2.1km erz= 2.2km
 nr= 10 gap=207 rms=0.37

Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	9.2	9	Pg	10:39:54.85	0.10
			Sg	39:55.85	-0.17
KECS	62.2	299	Pg	10:40:04.83	0.62
			Sg	40:12.52	-0.35
PSZ	104.2	252	Pg	10:40:11.34	-0.37
			Sg	40:26.22	-0.01
KOLS	111.4	44	ePg	10:40:13.10	0.09
			eSg	40:28.10	-0.43
A336	165.1	271	Sn	10:40:42.99	0.72
VYHS	179.5	280	Sn	10:40:44.96	-0.50

Földrengés paraméterek

Hypocenter Parameters

964.

 2018-10-04 time: 11:02:42.76 UTC ML= 1.4
 lat: 48.220N lon: 19.778E h= 0.0 km
 erh= 2.2km erz= 819km
 nr= 9 gap=106 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	34.6	165	Pg	11:02:48.77	-0.18
			Sg	02:53.24	-0.54
A336	57.9	271	Sg	11:03:01.32	0.15
KECS	60.1	61	Pg	11:02:53.74	0.25
			Sg	03:01.52	-0.34
VYHS	76.2	294	Pg	11:02:57.51	1.15
			Sg	03:05.97	-1.00
LANS	106.0	348	Sg	11:03:15.76	-0.69
ABAH	108.9	86	Pg	11:03:02.70	0.50

965.

 2018-10-05 time: 6:10:13.45 UTC ML= 1.1
 lat: 47.213N lon: 18.276E h= 0.0 km
 erh= 2.4km erz= 554km
 nr= 7 gap=186 rms=0.37
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.7	356	Pg	6:10:16.59	0.16
			Sg	10:18.31	-0.45
PKST	19.0	286	Pg	6:10:17.17	0.33
			Sg	10:19.88	0.40
NADP	26.4	79	Pg	6:10:18.41	0.26
			Sg	10:21.56	-0.26
MPLH	56.0	265	Pg	6:10:22.87	-0.58

966.

 2018-10-05 time: 6:17:29.59 UTC ML= 1.1
 lat: 47.192N lon: 18.202E h= 0.0 km
 erh= 1.9km erz= 633km
 nr= 12 gap=138 rms=0.52
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	14.7	301	Pg	6:17:32.20	-0.02
			Sg	17:34.66	0.39
CSKK	19.6	13	Pg	6:17:32.83	-0.25
			Sg	17:35.62	-0.19
PKSG	26.4	33	Pg	6:17:33.96	-0.35
			Sg	17:38.32	0.33
PKB1	63.8	135	Pg	6:17:41.79	0.82
PKB2	97.9	126	Pg	6:17:46.72	-0.34
MORH	113.6	163	Pg	6:17:50.28	0.40
			Sg	18:04.30	-1.40
PKSM	114.0	163	Pg	6:17:50.47	0.53
			Sg	18:04.94	-0.88

967.

 2018-10-05 time: 6:26:18.23 UTC ML= 1.0
 lat: 47.208N lon: 18.260E h= 0.0 km
 erh= 1.8km erz= 704km
 nr= 12 gap=100 rms=0.58
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.3	0	Pg	6:26:21.29	-0.02
			Sg	26:23.49	-0.23
PKST	18.0	288	Pg	6:26:20.88	-0.56

			Sg	26:23.44	-0.51
PKSG	22.7	26	Pg	6:26:22.44	0.16
			Sg	26:25.02	-0.43
NADP	27.7	78	Pg	6:26:24.29	1.12
MPLH	54.8	266	Pg	6:26:29.01	1.00
			Sg	26:35.75	0.12
MORH	114.1	165	Pg	6:26:38.64	0.03
PKSM	114.5	165	Pg	6:26:38.42	-0.25
			Sg	26:53.58	-1.04

968.

 2018-10-05 time: 9:27:20.12 UTC ML= 1.1
 lat: 47.214N lon: 18.277E h= 0.0 km
 erh= 2.3km erz= 254km
 nr= 5 gap=262 rms=0.12
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.6	356	Pg	9:27:23.26	0.18
			Sg	27:25.27	-0.13
PKST	19.0	285	Pg	9:27:23.41	-0.10
			Sg	27:26.22	0.05
PKSG	21.5	24	Sg	9:27:26.94	-0.02

969.

 2018-10-06 time: 9:06:41.56 UTC ML= 1.4
 lat: 48.048N lon: 19.647E h= 0.0 km
 erh= 1.4km erz= 538km
 nr= 10 gap=103 rms=0.42
 Locality: Sóshartyán
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	23.4	128	Pg	9:06:46.11	0.37
			Sg	06:48.74	-0.26
PENC	39.6	224	Pg	9:06:48.19	-0.44
			Sg	06:54.18	0.04
A336	52.5	293	Pg	9:06:51.31	0.38
			Sg	06:58.79	0.55
VYHS	78.0	309	Pg	9:06:55.60	0.11
			Sg	07:05.65	-0.71
KECS	78.9	52	Sg	9:07:05.95	-0.67
ABAH	121.6	77	Sg	9:07:20.55	0.34

970.

 2018-10-06 time: 9:08:44.22 UTC ML= 1.3
 lat: 48.035N lon: 19.635E h= 0.0 km
 erh= 1.5km erz= 634km
 nr= 12 gap=101 rms=0.52
 Locality: Sóshartyán
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	23.3	124	Pg	9:08:48.76	0.38
			Sg	08:51.82	0.18
PENC	37.9	224	Pg	9:08:51.27	0.29
			Sg	08:56.49	0.24
A336	52.2	295	Pg	9:08:53.93	0.40
			Sg	09:01.16	0.36
BUD	76.5	217	Sg	9:09:07.24	-1.29
VYHS	78.2	311	Pg	9:08:58.10	-0.08
			Sg	09:08.39	-0.69
KECS	80.5	52	ePg	9:08:58.90	0.31
			eSg	09:08.70	-1.10
ABAH	122.9	76	Sg	9:09:22.40	-0.87

Hypocenter Parameters

Földrengés paraméterek

971.
 2018-10-07 time: 0:48:42.81 UTC ML= 1.4
 lat: 45.886N lon: 17.256E h= 20.0 km
 erh= 4.1km erz= 3.4km
 nr= 13 gap=219 rms=0.46
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOVH	69.2	71	P*	0:48:55.96	0.75
			S*	49:04.96	0.09
BEHE	74.8	330	P*	0:48:56.17	0.11
			S*	49:06.21	-0.19
PKSV	77.3	90	P*	0:48:56.09	-0.36
			S*	49:05.10	-1.99
KOGS	99.7	309	Pn	0:49:00.13	0.41
			Sn	49:12.34	-0.56
PKSM	113.2	71	Pn	0:49:00.84	-0.56
			Sn	49:15.90	0.00
MORH	113.5	71	Pn	0:49:01.43	-0.01
			Sn	49:16.08	0.10
PKB4	124.2	57	Sn	0:49:18.88	0.53

972.
 2018-10-08 time: 7:43:41.78 UTC ML= 1.5
 lat: 47.342N lon: 18.382E h= 0.0 km
 erh= 1.4km erz= 505km
 nr= 10 gap=111 rms=0.39
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	5.5	7	Pg	7:43:42.58	-0.19
			Sg	43:43.17	-0.37
CSKK	9.5	284	Pg	7:43:43.81	0.34
			Sg	43:44.89	0.10
NADP	20.2	118	Pg	7:43:45.75	0.37
			Sg	43:48.21	0.02
PKST	27.9	251	Pg	7:43:47.26	0.50
			Sg	43:50.25	-0.39
PKSM	127.2	171	Pg	7:44:04.15	-0.35
			Sg	44:20.91	-1.31

973.
 2018-10-08 time: 7:52:22.41 UTC ML= 1.5
 lat: 48.540N lon: 19.325E h= 0.0 km
 erh= 1.7km erz= 563km
 nr= 9 gap=107 rms=0.42
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	36.5	262	Pg	7:52:28.92	-0.01
			Sg	52:33.32	-0.69
A336	41.8	215	Pg	7:52:30.26	0.39
			Sg	52:35.60	-0.09
LANS	68.7	9	Pg	7:52:35.31	0.62
			Sg	52:44.04	-0.22
PSZ	81.0	149	Pg	7:52:37.22	0.34
KECS	86.0	94	Pg	7:52:37.53	-0.24
			Sg	52:49.01	-0.73

974.
 2018-10-08 time: 11:04:08.33 UTC ML= 1.7
 lat: 48.308N lon: 21.531E h= 0.0 km
 erh= 2.3km erz= 3.7km
 nr= 13 gap= 98 rms=0.67
 Locality: Herceghút
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	21.6	266	Pg	11:04:13.07	0.88
			Sg	04:15.74	0.53
TRPA	77.5	105	Pg	11:04:22.21	0.04
			Sg	04:31.54	-1.43
KECS	79.8	284	Pg	11:04:22.58	0.00
			Sg	04:32.77	-0.92
KOLS	88.5	38	Sg	11:04:36.18	-0.26
STHS	125.0	350	ePg	11:04:31.10	0.44
			eSg	04:48.40	0.33
PSZ	129.3	250	Pg	11:04:31.72	0.30
			Sg	04:47.63	-1.80
DRGR	190.6	152	Sn	11:05:03.69	0.54
VYHS	200.6	276	Pn	11:04:40.18	-0.19

975.
 2018-10-08 time: 12:15:22.99 UTC ML= 0.9
 lat: 46.140N lon: 18.069E h= 0.0 km
 erh= 2.8km erz= 360km
 nr= 6 gap=282 rms=0.21
 Locality: Abaliget
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	6.2	157	PgU	12:15:23.96	-0.14
			Sg	15:25.22	0.25
PKSV	31.3	153	Sg	12:15:32.79	-0.16
PKSM	45.0	80	Pg	12:15:31.24	0.22
			Sg	15:36.94	-0.34
MORH	45.3	79	Sg	12:15:37.48	0.11

976.
 2018-10-08 time: 12:28:59.13 UTC ML= 1.1
 lat: 46.117N lon: 18.008E h= 0.0 km
 erh= 2.0km erz= 306km
 nr= 8 gap=238 rms=0.22
 Locality: Bükkösd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	7.8	114	Pg	12:29:00.69	0.17
			Sg	29:01.97	0.37
PKSV	31.7	143	Pg	12:29:04.88	0.09
			Sg	29:08.89	-0.31
PKSM	50.0	78	Pg	12:29:08.04	-0.02
			Sg	29:14.49	-0.54
MORH	50.3	77	Pg	12:29:08.04	-0.08
PKS9	56.2	22	Sg	12:29:17.08	0.08

977.
 2018-10-08 time: 12:48:04.40 UTC ML= 1.0
 lat: 48.366N lon: 19.847E h= 0.0 km
 erh= 2.8km erz= 784km
 nr= 6 gap=154 rms=0.46
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	49.0	75	Pg	12:48:13.00	-0.15
			Sg	48:20.13	0.14
PSZ	49.9	176	Pg	12:48:13.35	0.04
			Sg	48:20.13	-0.14
VYHS	76.1	281	Pg	12:48:18.67	0.68
			Sg	48:27.59	-1.00

Földrengés paraméterek

Hypocenter Parameters

978.

2018-10-09 time: 6:00:01.25 UTC ML= 1.4
 lat: 47.297N lon: 18.344E h= 0.0 km
 erh= 1.2km erz= 1.6km
 nr= 17 gap=110 rms=0.49
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	9.7	319	Pg	6:00:03.11	0.12
			Sg	00:04.07	-0.27
PKSG	11.1	18	Pg	6:00:03.49	0.25
			Sg	00:05.31	0.53
PKST	23.8	260	Pg	6:00:05.45	-0.06
			Sg	00:08.81	-0.02
A336	115.1	25	Pg	6:00:22.31	0.51
MORH	122.4	169	Pg	6:00:23.32	0.22
			Sg	00:39.31	-0.84
PKSM	122.8	169	Pg	6:00:23.53	0.36
			Sg	00:39.90	-0.37
PSZ	135.5	59	Pn	6:00:25.12	-0.06
			Sn	00:42.95	-0.89
KOVH	135.7	188	Pn	6:00:26.12	0.92
			Sn	00:43.12	-0.76
VYHS	138.1	15	Pn	6:00:25.15	-0.35
			Sn	00:42.71	-1.71

979.

2018-10-09 time: 9:29:35.41 UTC ML= 0.9
 lat: 47.227N lon: 18.281E h= 0.0 km
 erh= 2.0km erz= 483km
 nr= 8 gap=181 rms=0.35
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	15.2	354	Pg	9:29:37.78	-0.34
			Sg	29:40.60	0.36
PKST	19.0	281	Pg	9:29:38.33	-0.48
			Sg	29:41.36	-0.10
PKSG	20.1	24	Pg	9:29:38.92	-0.07
			Sg	29:41.97	0.18
NADP	25.7	82	Sg	9:29:43.88	0.31
MPLH	56.6	264	Sg	9:29:54.01	0.62

980.

2018-10-09 time: 9:47:54.76 UTC ML= 1.7
 lat: 48.485N lon: 18.764E h= 0.0 km
 erh= 0.8km erz= 213km
 nr= 8 gap=175 rms=0.15
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	5.4	79	Pg	9:47:55.48	-0.25
			Sg	47:56.73	0.25
A336	32.9	148	Pg	9:48:00.46	-0.18
			Sg	48:05.24	0.02
A338	60.5	210	Pg	9:48:05.59	0.03
PENC	86.3	153	Sg	9:48:22.21	0.04
PSZ	105.0	127	Pg	9:48:13.64	0.13
MODS	110.7	264	ePg	9:48:14.60	0.07
			eSg	48:27.10	-2.85*

981.

2018-10-09 time: 9:59:42.88 UTC ML= 1.5
 lat: 48.624N lon: 20.751E h= 0.0 km
 erh= 2.8km erz= 2.4km
 nr= 5 gap=231 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.1	231	Pg	9:59:48.09	0.73
			Sg	59:50.57	-0.28
ABAH	51.3	135	Sg	9:59:59.36	0.17
PSZ	101.0	219	Sg	9:60:14.80	-0.18
VYHS	142.1	264	Sn	9:60:26.15	-0.79

982.

2018-10-09 time: 10:01:02.65 UTC ML= 1.7
 lat: 48.150N lon: 16.901E h= 0.0 km
 erh= 3.2km erz= 3.8km
 nr= 14 gap= 87 rms=1.05
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SOP	57.9	206	Sg	10:01:20.74	-0.30
CONA	81.3	252	Pg	10:01:18.05	0.88
			Sg	01:28.60	0.10
EGYH	87.6	158	Sg	10:01:32.36	1.85
KRUC	108.0	340	Sg	10:01:36.38	-0.61
MPLH	119.0	156	Pg	10:01:23.75	-0.16
			Sg	01:38.19	-2.30
PKST	130.6	139	Sn	10:01:42.58	-1.57
VRAC	130.8	350	Pn	10:01:26.01	0.02
			Sn	01:43.33	-0.87
ARSA	143.9	226	Pn	10:01:28.62	1.00
			Sn	01:46.65	-0.45
VYHS	148.5	75	Pn	10:01:29.73	1.52
			Sn	01:47.05	-1.09

983.

2018-10-10 time: 8:30:49.04 UTC ML= 1.3
 lat: 47.676N lon: 18.619E h= 0.0 km
 erh= 3.9km erz= 5.5km
 nr= 11 gap=169 rms=1.35
 Locality: Nagysáp
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	36.0	209	Pg	8:30:58.25	2.79
			Sg	31:00.72	0.24
CSKK	44.1	218	Sg	8:31:03.21	0.17
PKST	64.0	224	Sg	8:31:09.59	0.21
VYHS	92.4	10	Sg	8:31:18.73	0.33
MPLH	99.0	235	Sg	8:31:19.75	-0.76
EGYH	101.1	253	Sg	8:31:20.00	-1.17
MODS	126.6	308	ePg	8:31:11.40	-0.25
			eSg	31:24.70	-4.59
PKSM	162.8	179	Pn	8:31:16.27	-0.10
			Sn	31:35.14	-2.55

984.

2018-10-10 time: 8:49:30.63 UTC ML= 1.8
 lat: 45.545N lon: 17.306E h= 12.8 km
 erh= 2.3km erz= 1.8km
 nr= 14 gap=124 rms=0.49
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	83.0	63	Pg	8:49:45.89	0.27

Hypocenter Parameters

Földrengés paraméterek

Sg 49:57.03 -0.28
 KOVH 86.3 46 Pg 8:49:46.15 -0.07
 Sg 49:57.73 -0.64
 BLY 89.0 186 Pg 8:49:46.33 -0.35
 BEHE 110.8 338 Pn 8:49:50.61 0.76
 Sn 50:04.70 -0.14
 PTJ 112.2 291 Sn 8:50:04.28 -0.87
 PKSM 127.4 54 Pn 8:49:52.21 0.28
 Sn 50:08.38 -0.15
 MORH 127.9 54 Pn 8:49:52.51 0.53
 Sn 50:08.68 0.05
 KOGS 129.5 321 Sn 8:50:08.57 -0.43
 GROS 173.0 306 Pn 8:49:59.63 2.03

985.

2018-10-10 time: 9:17:56.60 UTC ML= 1.1
 lat: 47.218N lon: 18.275E h= 0.0 km
 erh= 1.7km erz= 525km
 nr= 9 gap=142 rms=0.39
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.2	356	Pg	9:17:59.68	0.19
			Sg	18:01.43	-0.31
PKST	18.8	284	Pg	9:18:00.00	0.04
			Sg	18:02.03	-0.55
PKSG	21.2	24	Pg	9:18:00.61	0.22
			Sg	18:03.18	-0.16
MPLH	56.0	265	Pg	9:18:07.21	0.61
PKSM	115.3	166	Pg	9:18:17.23	0.04
			Sg	18:32.16	-1.09

986.

2018-10-11 time: 1:49:16.61 UTC ML= 0.4
 lat: 46.058N lon: 18.411E h= 1.5 km
 erh= 0.9km erz=13.7km
 nr= 11 gap=157 rms=0.23
 Locality: Berkesd
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	22.5	213	Pg	1:49:20.94	0.30
			Sg	49:23.72	-0.07
KOVH	24.3	278	PgU	1:49:20.95	-0.02
			Sg	49:23.99	-0.37
PKSM	24.7	46	Pg	1:49:20.87	-0.15
			Sg	49:24.51	0.04
MORH	25.1	46	Pg	1:49:21.08	-0.03
			Sg	49:24.52	-0.09
PKB3	72.8	56	Sg	1:49:38.07	-1.70
PKB1	85.9	20	Pg	1:49:32.18	0.23
			Sg	49:44.07	0.16

987.

2018-10-11 time: 6:44:40.12 UTC ML= 1.1
 lat: 47.334N lon: 18.446E h= 0.0 km
 erh= 3.0km erz= 627km
 nr= 7 gap=206 rms=0.42
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.6	327	Pg	6:44:41.67	0.19
			Sg	44:42.22	-0.33
CSKK	14.4	283	Pg	6:44:42.93	0.24
			Sg	44:44.39	-0.30
PKST	32.2	255	Pg	6:44:46.52	0.64
			Sg	44:50.01	-0.36
PKSM	125.7	173	Sg	6:45:19.34	-0.72

988.

2018-10-11 time: 8:58:27.96 UTC ML= 1.5
 lat: 48.267N lon: 18.591E h= 0.0 km
 erh= 2.0km erz= 5.1km
 nr= 17 gap=116 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	30.6	97	Pg	8:58:34.55	1.14
			Sg	58:37.44	-0.23
VYHS	31.1	36	Pg	8:58:33.37	-0.13
			Sg	58:37.30	-0.53
PENC	73.9	136	Pg	8:58:40.90	-0.26
			Sg	58:51.54	0.08
MODS	98.1	277	ePg	8:58:45.90	0.42
			eSg	58:58.60	-0.55
PKSG	98.5	189	Pg	8:58:46.71	1.16
			Sg	58:59.51	0.24
CSKK	103.5	194	Sg	8:59:00.62	-0.25
PSZ	104.6	112	Pg	8:58:47.73	1.10
			Sg	58:59.88	-1.32
LANS	117.5	33	Pg	8:58:47.52	-1.42
			Sg	59:06.04	0.73
PKST	119.6	200	Sg	8:59:05.01	-0.97
MPLH	145.3	213	Sn	8:59:11.67	-1.05

989.

2018-10-11 time: 9:12:30.98 UTC ML= 1.6
 lat: 48.604N lon: 20.770E h= 0.0 km
 erh= 1.3km erz= 3.0km
 nr= 10 gap= 86 rms=0.39
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.9	237	Pg	9:12:35.73	0.30
			Sg	12:38.30	-0.59
ABAH	48.8	135	Pg	9:12:39.89	0.20
			Sg	12:45.98	-0.51
STHS	96.8	21	Sg	9:13:01.94	0.19
PSZ	100.2	220	Sg	9:13:03.31	0.49
LANS	113.2	302	Pg	9:12:51.21	0.01
KOLS	116.4	72	Sg	9:13:07.79	-0.20
VYHS	143.3	265	Pn	9:12:56.06	0.18
			Sn	13:13.96	-1.34

990.

2018-10-11 time: 9:54:53.17 UTC ML= 2.3
 lat: 48.240N lon: 21.230E h= 0.0 km
 erh= 1.5km erz= 2.1km
 nr= 14 gap=105 rms=0.48
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	6.3	7	Pg	9:54:54.61	0.32
			Sg	54:55.06	-0.10
KECS	61.4	296	Pg	9:55:04.44	0.31
			Sg	55:12.34	-0.35
TRPA	98.1	97	Pg	9:55:10.54	-0.15
			Sg	55:23.74	-0.62
PSZ	105.7	250	Pg	9:55:12.66	0.61
			Sg	55:25.80	-0.97
KOLS	108.9	45	Pg	9:55:12.96	0.34
			Sg	55:27.05	-0.75
STHS	130.9	0	Pn	9:55:17.02	0.50
VYHS	179.6	279	Sn	9:55:44.85	-0.70
DRGR	195.9	145	Pn	9:55:25.01	0.38
			Sn	55:48.93	-0.24

Földrengés paraméterek

Hypocenter Parameters

991.

2018-10-11 time: 10:21:33.25 UTC ML= 1.9
 lat: 46.835N lon: 17.321E h= 0.0 km
 erh= 2.9km erz= 4.3km
 nr= 12 gap=174 rms=0.65
 Locality: Lesencefalva
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
EGYH	64.8	1	Sg	10:21:53.91	0.08
PKST	71.9	49	Pg	10:21:45.38	-0.70
			Sg	21:56.05	-0.04
PKS9	78.2	111	Sg	10:21:58.65	0.53
CSKK	92.4	51	Pg	10:21:49.61	-0.14
			Sg	22:03.39	0.77
PKSG	102.1	53	Sg	10:22:06.23	0.52
KOVH	102.3	144	Pg	10:21:52.44	0.93
MORH	122.6	124	Sg	10:22:10.94	-1.29
PKSM	122.7	124	Sg	10:22:11.60	-0.65
CONA	164.1	318	Sn	10:22:22.21	0.02
VYHS	216.8	32	Sn	10:22:32.86	-1.02

992.

2018-10-11 time: 12:08:59.83 UTC ML= 1.6
 lat: 47.940N lon: 20.201E h= 0.0 km
 erh= 5.8km erz= 9.0km
 nr= 9 gap=193 rms=0.85
 Locality: Sirok
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	23.1	264	Pg	12:09:04.63	0.68
			Sg	09:07.10	-0.06
PENC	70.8	256	Pg	12:09:12.32	-0.15
ABAH	86.8	63	Pg	12:09:14.12	-1.21
			Sg	09:28.93	1.50
A336	95.3	290	Sg	12:09:29.29	-0.83
VYHS	118.7	301	Pg	12:09:21.80	0.78
			Sg	09:36.34	-1.21
A338	138.3	273	Pn	12:09:24.47	0.36

993.

2018-10-11 time: 13:22:37.82 UTC ML= 1.8
 lat: 47.595N lon: 16.328E h= 8.8 km
 erh= 1.3km erz= 1.2km
 nr= 18 gap= 79 rms=0.51
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	11.9	348	Pg	13:22:40.45	0.00
			Sg	22:42.92	0.41
SOP	19.9	60	Pg	13:22:41.37	-0.33
			Sg	22:44.12	-0.60
CONA	51.0	317	Pg	13:22:46.98	-0.07
			Sg	22:54.01	-0.24
ARSA	71.8	238	Pg	13:22:51.30	0.56
			Sg	22:59.93	-0.89
EGYH	78.1	105	Pg	13:22:53.05	1.19
			Sg	23:02.31	-0.50
MPLH	102.9	117	Sg	13:23:09.92	-0.74
MODS	111.9	39	ePn	13:22:57.60	-0.07
KOGS	127.6	183	Pn	13:22:59.98	0.34
			Sn	23:16.35	-0.32
PKST	134.0	106	Sn	13:23:18.66	0.58
GROS	140.9	206	Sn	13:23:19.26	-0.34
KRUC	163.2	2	Pn	13:23:04.74	0.67
			Sn	23:24.57	0.02

994.

2018-10-11 time: 13:23:59.13 UTC ML= 2.2
 lat: 45.959N lon: 16.064E h= 4.4 km
 erh= 1.7km erz= 1.9km
 nr= 28 gap= 54 rms=0.75
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	10.5	231	PgD	13:24:00.85	-0.32
			Sg	24:02.41	-0.35
ZAG	15.5	201	PgD	13:24:01.93	-0.07
			Sg	24:04.61	0.37
GOLS	34.5	280	ePg	13:24:06.29	0.94
GCIS	35.4	253	iPgD	13:24:05.60	0.10
DOBS	50.7	295	ePg	13:24:08.79	0.58
KOGS	56.2	15	Pg	13:24:09.53	0.33
			Sg	24:16.16	-0.90
LEGS	57.9	269	ePgC	13:24:09.75	0.26
GROS	70.7	322	Pg	13:24:11.84	0.07
			Sg	24:20.91	-0.73
BEHE	79.0	44	Pg	13:24:12.17	-1.09
			Sg	24:23.87	-0.41
BOJS	80.9	231	iPg	13:24:12.95	-0.66
PKKS	83.3	278	ePg	13:24:14.72	0.68
SOKA	112.7	315	Pg	13:24:19.51	0.24
			Sg	24:33.73	-1.24
OBKA	131.9	298	Pn	13:24:21.96	-0.08
			Sn	24:38.73	-1.18
ARSA	149.4	344	Pn	13:24:25.00	0.77
			Sn	24:43.88	0.08
BLY	160.6	147	Sn	13:24:43.60	-2.69
PKSV	169.9	93	Sn	13:24:47.29	-1.07
PKSM	201.3	82	Pn	13:24:33.01	2.31
			Sn	24:56.43	1.10
MORH	201.6	82	Pn	13:24:33.01	2.27
			Sn	24:57.23	1.84

995.

2018-10-12 time: 6:02:29.54 UTC ML= 0.9
 lat: 47.201N lon: 18.191E h= 0.0 km
 erh= 1.2km erz= 365km
 nr= 9 gap=136 rms=0.28
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	13.5	299	Pg	6:02:31.93	-0.03
			Sg	02:34.20	0.36
CSKK	18.8	16	Pg	6:02:32.61	-0.29
			Sg	02:35.81	0.28
PKSG	26.1	35	Pg	6:02:33.74	-0.46
			Sg	02:38.00	0.17
PKB1	65.1	135	Pg	6:02:41.54	0.38
MORH	114.8	162	Pg	6:02:49.92	-0.13
PKSM	115.2	163	Pg	6:02:50.08	-0.03

996.

2018-10-12 time: 7:29:34.34 UTC ML= 1.1
 lat: 47.109N lon: 18.023E h= 0.0 km
 erh= 1.3km erz= 390km
 nr= 8 gap=126 rms=0.28
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.8	3	Pg	7:29:37.21	-0.12
			Sg	29:39.72	0.06
CSKK	33.5	32	Pg	7:29:40.76	0.43
			Sg	29:44.14	-0.86
MPLH	37.3	281	Pg	7:29:41.12	0.12
			Sg	29:45.90	-0.29

Hypocenter Parameters

MORH 110.0 154 Pg 7:29:53.97 -0.02
 PKSM 110.3 155 Pg 7:29:54.09 0.05

997.

2018-10-12 time: 8:09:05.83 UTC ML= 1.5
 lat: 48.596N lon: 20.826E h= 0.0 km
 erh= 4.4km erz= 5.5km
 nr= 8 gap=196 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	28.1	244	Pg	8:09:11.23	0.39
			Sg	09:13.48	-1.27
ABAH	45.2	137	Sg	8:09:19.92	-0.29
			Pg	8:09:25.11	1.02
PSZ	102.3	223	Sg	09:38.30	-0.03
			Pg	8:09:26.76	0.01
LANS	117.2	302	Pg	8:09:26.76	0.01
VYHS	147.4	266	Pn	8:09:31.58	0.35
			Sn	09:49.21	-1.84

998.

2018-10-12 time: 8:32:55.84 UTC ML= 1.1
 lat: 47.559N lon: 18.437E h= 0.0 km
 erh= 2.4km erz= 648km
 nr= 9 gap= 90 rms=0.49
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	19.0	191	Pg	8:32:59.25	0.03
			Sg	33:01.64	-0.22
CSKK	25.6	211	Pg	8:33:00.70	0.30
			Sg	33:04.27	0.31
BUD	45.0	101	Pg	8:33:03.40	-0.47
PKST	45.2	222	Pg	8:33:04.45	0.55
			Sg	33:09.67	-0.52
A339	65.9	297	Sg	8:33:15.50	-1.28
VYHS	108.1	16	Pg	8:33:15.59	0.45

999.

2018-10-12 time: 10:07:49.58 UTC ML= 1.2
 lat: 47.216N lon: 18.269E h= 0.0 km
 erh= 1.6km erz= 454km
 nr= 8 gap=140 rms=0.32
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.4	358	Pg	10:07:52.49	-0.02
			Sg	07:54.60	-0.19
PKST	18.4	285	Pg	10:07:52.87	0.01
			Sg	07:55.57	0.15
PKSG	21.6	25	Sg	10:07:56.50	0.04
MPLH	55.5	265	Pg	10:07:59.90	0.41
PKSM	115.2	166	Sg	08:05.89	-1.33
			Pg	10:08:10.06	-0.09

1000.

2018-10-13 time: 8:32:15.66 UTC ML= 1.5
 lat: 48.029N lon: 19.619E h= 0.0 km
 erh= 2.7km erz= 906km
 nr= 7 gap=103 rms=0.59
 Locality: Nagylóc
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	24.0	121	Pg	8:32:19.58	-0.37
			Sg	32:23.08	-0.22
PENC	36.6	223	Sg	8:32:27.55	0.25

Földrengés paraméterek

A336 51.4 296 Pg 8:32:25.80 0.96
 Sg 32:31.73 -0.27
 VYHS 77.7 312 Sg 8:32:39.35 -1.03
 KECS 81.8 52 Sg 8:32:42.07 0.41

1001.

2018-10-13 time: 9:43:37.29 UTC ML= 0.6
 lat: 46.169N lon: 18.289E h= 0.0 km
 erh= 0.7km erz= 175km
 nr= 6 gap=174 rms=0.10
 Locality: Zobákpusztá
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSM	27.6	80	Pg	9:43:42.22	0.00
			Sg	43:45.89	-0.18
MORH	27.9	79	Pg	9:43:42.27	-0.01
			Sg	43:46.39	0.23
PKSV	31.3	185	Sg	9:43:47.24	0.00
PKS9	46.5	359	Sg	9:43:52.06	0.00

1002.

2018-10-15 time: 7:22:40.74 UTC ML= 1.3
 lat: 48.324N lon: 21.500E h= 0.0 km
 erh= 8.7km erz= ***km
 nr= 7 gap=144 rms=1.41
 Locality: Herceggút
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	19.6	261	Pg	7:22:45.94	1.70
			Sg	22:48.67	1.70
KECS	77.2	283	Sg	7:23:05.50	0.22
TRPA	80.1	106	Sg	7:23:06.34	0.13
KOLS	88.5	40	Sg	7:23:07.72	-1.17
PSZ	127.8	249	Pg	7:23:02.90	-0.66
			Sg	23:18.55	-2.81

1003.

2018-10-15 time: 8:00:20.55 UTC ML= 1.6
 lat: 48.589N lon: 20.754E h= 0.0 km
 erh= 2.1km erz= 3.4km
 nr= 7 gap=189 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.1	239	Pg	8:00:25.39	0.72
			Sg	00:27.95	0.06
ABAH	48.5	132	Pg	8:00:29.41	0.19
			Sg	00:35.41	-0.57
PSZ	98.2	221	Sg	8:00:51.60	-0.17
LANS	113.1	303	Pg	8:00:40.78	0.02
VYHS	142.0	266	Sn	8:01:03.35	-1.25

1004.

2018-10-15 time: 8:33:32.15 UTC ML= 1.4
 lat: 47.114N lon: 18.066E h= 0.0 km
 erh= 1.6km erz= 558km
 gap=100 rms=0.46
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.2	351	Pg	8:33:34.52	-0.53
			Sg	33:36.63	-0.68
CSKK	31.3	28	Pg	8:33:38.12	0.38
PKSG	39.4	39	Sg	33:42.76	0.66
			Pg	8:33:39.06	-0.12
MPLH	40.4	279	Sg	8:33:45.53	0.53

Földrengés paraméterek

Hypocenter Parameters

PKSM 109.6 156 Pg 8:33:51.76 0.05
 Sg 34:05.75 -1.22
 PKS2 111.6 128 Pg 8:33:52.40 0.33
 KOVH 114.1 179 Pg 8:33:52.74 0.22
 Sg 34:07.93 -0.48
 PKB3 115.4 132 Pg 8:33:52.87 0.11

1005.

2018-10-15 time: 8:42:39.29 UTC ML= 1.0
 lat: 48.326N lon: 21.563E h= 0.0 km
 erh= 1.6km erz= 2.6km
 nr= 5 gap=115 rms=0.52
 Locality: Sárospatak
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	24.2	262	Pg	8:42:44.16	0.55
			Sg	42:47.43	0.45
KECS	81.6	282	Sg	8:43:04.59	-0.64
KOLS	85.4	38	Sg	8:43:06.13	-0.31
DRGR	191.3	153	Sn	8:43:33.64	-0.62

1006.

2018-10-15 time: 9:06:16.51 UTC ML= 1.8
 lat: 48.345N lon: 19.081E h= 0.0 km
 erh= 1.9km erz= 569km
 nr= 10 gap=176 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	13.8	206	Pg	9:06:19.36	0.39
			Sg	06:20.82	-0.08
VYHS	24.6	312	Pg	9:06:20.76	-0.14
			Sg	06:23.93	-0.39
PENC	63.4	166	Pg	9:06:27.85	0.02
			Sg	06:36.78	0.12
A338	65.4	236	Pg	9:06:29.22	1.03
			Sg	06:37.03	-0.27
PSZ	76.9	128	Pg	9:06:30.05	-0.19
CSKK	125.2	209	Sg	9:06:55.37	-0.94

1007.

2018-10-15 time: 9:11:32.39 UTC ML= 1.1
 lat: 47.102N lon: 18.032E h= 0.0 km
 erh= 3.0km erz= 933km
 nr= 8 gap=124 rms=0.67
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.4	1	Pg	9:11:35.48	-0.03
			Sg	11:38.17	0.23
CSKK	33.8	31	Pg	9:11:39.22	0.79
			Sg	11:41.91	-1.22
MPLH	38.1	281	Sg	9:11:44.14	-0.37
MORH	109.1	155	Pg	9:11:52.69	0.81
			Sg	12:06.78	-0.29
KOVH	112.8	177	Sg	9:12:07.41	-0.85

1008.

2018-10-16 time: 7:24:18.53 UTC ML= 1.9
 lat: 48.577N lon: 19.334E h= 0.0 km
 erh= 2.4km erz= 3.6km
 nr= 15 gap= 87 rms=0.83
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	37.9	256	Pg	7:24:25.81	0.52

			Sg	24:30.06	-0.51
A336	45.6	213	Pg	7:24:27.19	0.53
			Sg	24:32.38	-0.63
LANS	64.5	9	Sg	7:24:37.85	-1.19
PSZ	84.2	150	Pg	7:24:34.02	0.45
			Sg	24:44.51	-0.79
KECS	85.7	97	Pg	7:24:34.53	0.70
			Sg	24:44.64	-1.12
PENC	87.5	183	Pg	7:24:35.37	1.22
			Sg	24:44.82	-1.52
ABAH	144.4	102	Pn	7:24:44.51	0.94
			Sn	25:02.55	-0.55
OJC	185.8	10	Sn	7:25:12.49	0.21
MORC	186.8	316	Sn	7:25:11.83	-0.66

1009.

2018-10-16 time: 7:27:03.59 UTC ML= 1.0
 lat: 47.192N lon: 18.211E h= 0.0 km
 erh= 1.8km erz= 672km
 nr= 11 gap= 95 rms=0.54
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	15.3	299	Pg	7:27:05.98	-0.35
			Sg	27:08.34	-0.13
CSKK	19.5	11	Pg	7:27:07.07	0.00
			Sg	27:09.44	-0.34
PKSG	26.1	31	Pg	7:27:08.23	-0.02
			Sg	27:12.60	0.71
TIH	40.4	217	Pg	7:27:11.74	0.93
PKB2	97.3	126	Pg	7:27:20.31	-0.66
			Sg	27:34.82	0.29
PKSM	113.8	163	Pg	7:27:24.33	0.42
			Sg	27:38.59	-1.17

1010.

2018-10-16 time: 7:38:09.55 UTC ML= 1.5
 lat: 48.604N lon: 20.750E h= 0.0 km
 erh= 3.3km erz= 638km
 nr= 5 gap=190 rms=0.29
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.7	235	Pg	7:38:13.87	0.09
			Sg	38:17.06	-0.01
ABAH	49.9	133	Pg	7:38:18.82	0.37
			Sg	38:24.81	-0.59
LANS	112.0	303	Pg	7:38:29.42	-0.13

1011.

2018-10-16 time: 8:47:12.83 UTC ML= 1.4
 lat: 47.449N lon: 18.338E h= 0.0 km
 erh= 6.1km erz= 7.1km
 nr= 7 gap=265 rms=0.49
 Locality: Oroszlány
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.5	148	PgU	8:47:14.09	-0.08
			Sg	47:14.57	-0.65
CSKK	11.2	212	Pg	8:47:15.54	0.70
			Sg	47:16.94	0.54
PKST	31.2	227	Sg	8:47:22.43	-0.33
MPLH	67.9	243	Sg	8:47:33.76	-0.66
PKSM	139.5	170	Pn	8:47:37.42	0.16

Hypocenter Parameters

Földrengés paraméterek

1012.

2018-10-16 time: 8:49:30.22 UTC ML= 1.6
 lat: 47.878N lon: 19.201E h= 0.0 km
 erh=23.6km erz= 363km
 nr= 6 gap=190 rms=0.25
 Locality: Felsőpetény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	11.4	148	Pg	8:49:32.21	-0.06
			Sg	49:33.71	-0.15
A336	42.3	339	Pg	8:49:37.84	0.07
			Sg	49:43.72	0.06
VYHS	73.7	338	Pg	8:49:43.74	0.36
			Sg	49:53.09	-0.55

1013.

2018-10-16 time: 9:37:44.56 UTC ML= 0.9
 lat: 47.136N lon: 18.329E h= 0.0 km
 erh= 3.1km erz= 709km
 nr= 7 gap=158 rms=0.48
 Locality: Úrhida
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	25.8	348	Pg	9:37:49.35	0.19
			Sg	37:51.63	-1.12
PKST	26.2	301	Pg	9:37:49.75	0.51
			Sg	37:52.41	-0.48
PKSG	28.8	9	Pg	9:37:50.18	0.48
			Sg	37:53.42	-0.29
PKSM	105.5	167	Pg	9:38:03.31	-0.09

1014.

2018-10-16 time: 10:01:08.07 UTC ML= 1.6
 lat: 48.152N lon: 16.912E h= 0.0 km
 erh= 1.6km erz= 2.3km
 nr= 20 gap= 87 rms=0.75
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	36.6	48	ePg	10:01:14.60	-0.01
			eSg	01:19.90	0.18
SOP	58.5	207	Pg	10:01:19.64	1.13
RONA	68.2	222	Pg	10:01:20.22	-0.03
			Sg	01:28.77	-0.98
CONA	82.2	252	Pg	10:01:23.25	0.50
EGYH	87.6	159	Sg	10:01:36.66	0.75
KRUC	108.1	339	Pg	10:01:27.97	0.59
			Sg	01:42.03	-0.41
A338	108.4	98	Sg	10:01:43.03	0.51
MPLH	118.9	157	Sg	10:01:44.89	-0.98
PKST	130.2	140	Pg	10:01:31.23	-0.10
			Sg	01:48.15	-1.31
VRAC	130.7	350	Pn	10:01:31.28	-0.12
			Sn	01:48.05	-1.55
CSKK	133.8	131	Sn	10:01:46.80	-3.50
ARSA	144.6	226	Pn	10:01:33.64	0.50
			Sn	01:52.02	-0.68
VYHS	147.7	75	Pn	10:01:34.50	0.98
			Sn	01:52.57	-0.80

1015.

2018-10-17 time: 4:32:11.97 UTC ML= 1.6
 lat: 48.643N lon: 19.408E h= 4.1 km
 erh= 2.2km erz= 3.3km
 nr= 16 gap=105 rms=0.80
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
VYHS	45.3	249	Pg	4:32:20.56	0.47
			Sg	32:25.84	-0.59
A336	54.7	214	Pg	4:32:22.79	1.03
			Sg	32:29.12	-0.28
LANS	56.6	4	Pg	4:32:22.37	0.26
			Sg	32:28.92	-1.09
KECS	81.5	103	Pg	4:32:26.96	0.42
			Sg	32:35.79	-2.12
PSZ	88.3	156	Pg	4:32:28.45	0.70
			Sg	32:39.04	-1.02
A338	104.9	228	Pg	4:32:31.26	0.55
			Sg	32:44.19	-1.14
ABAH	140.8	106	Pn	4:32:36.88	0.85
			Sn	32:54.66	-0.14
MODS	160.3	259	ePn	4:32:38.20	-0.25
			eSn	32:57.60	-1.51

1016.

2018-10-17 time: 6:29:21.11 UTC ML= 1.1
 lat: 47.259N lon: 18.159E h= 0.0 km
 erh= 2.7km erz= 639km
 nr= 6 gap=124 rms=0.37
 Locality: Isztimér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	9.4	270	Pg	6:29:22.53	-0.26
			Sg	29:23.95	-0.15
CSKK	13.9	34	Pg	6:29:23.11	-0.48
			Sg	29:26.06	0.53
MPLH	47.9	258	Pg	6:29:30.16	0.49
PKB1	71.5	138	Pg	6:29:33.89	0.02

1017.

2018-10-17 time: 7:24:21.58 UTC ML= 1.6
 lat: 48.748N lon: 18.969E h= 0.0 km
 erh= 7.2km erz= 895km
 nr= 7 gap=318 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	29.9	199	Pg	7:24:26.81	-0.10
			Sg	24:32.33	1.26
A336	57.3	178	Pg	7:24:32.43	0.63
			Sg	24:39.76	-0.02
A338	93.4	209	Pg	7:24:37.99	-0.27
			Sg	24:50.56	-0.70
PENC	108.9	168	Sg	7:24:55.53	-0.68

1018.

2018-10-17 time: 10:32:59.54 UTC ML= 2.3
 lat: 48.230N lon: 21.257E h= 0.0 km
 erh= 1.8km erz= 1.8km
 nr= 18 gap=106 rms=0.70
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	7.4	350	Pg	10:33:01.05	0.19
			Sg	33:01.70	-0.20
KECS	63.7	296	Pg	10:33:10.97	0.05
			Sg	33:18.52	-1.28
TRPA	96.0	97	Sg	10:33:30.02	-0.02
PSZ	107.3	251	Pg	10:33:19.63	0.93
			Sg	33:33.99	0.34
KOLS	108.3	44	Pg	10:33:19.53	0.66
			Sg	33:33.08	-0.88
STHS	132.0	360	ePn	10:33:24.00	0.98
			eSn	33:41.40	0.06

Földrengés paraméterek

Hypocenter Parameters

NIE 149.3 332 Pn 10:33:25.55 0.37
 Sn 33:44.58 -0.61
 LANS 166.8 308 eSn 10:33:49.00 -0.09
 A336 167.8 270 Sn 10:33:48.85 -0.45
 VYHS 181.8 279 Sn 10:33:51.11 -1.30
 DRGR 193.8 146 Pn 10:33:31.17 0.43
 Sn 33:53.57 -1.51

PKSM 52.2 19 Pg 21:30:55.59 0.90
 Sg 31:02.41 0.32
 MORH 52.6 19 Pg 21:30:55.62 0.84
 Sg 31:02.61 0.37
 PKS9 91.8 353 Pg 21:31:01.28 -0.42
 PKB3 94.1 39 Sg 21:31:14.34 -0.96
 PKS2 100.9 37 Sg 21:31:16.61 -0.84
 FRGS 129.1 123 Pn 21:31:06.76 -0.30

1019.

2018-10-17 time: 10:37:10.60 UTC ML= 1.5
 lat: 48.591N lon: 20.751E h= 0.0 km
 erh= 2.0km erz= 2.9km
 nr= 10 gap=128 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.0	238	Pg	10:37:14.86	0.16
			Sg	37:17.67	-0.24
ABAH	48.8	132	Pg	10:37:19.08	-0.23
			Sg	37:25.56	-0.55
PSZ	98.2	220	Pg	10:37:28.67	0.54
			Sg	37:42.02	0.21
LANS	112.8	303	Pg	10:37:30.33	-0.42
KOLS	118.2	71	Pg	10:37:32.69	0.99
VYHS	141.8	266	Pn	10:37:35.15	-0.16
			Sn	37:54.17	-0.42

1020.

2018-10-17 time: 11:16:01.38 UTC ML= 1.8
 lat: 48.426N lon: 17.240E h= 0.0 km
 erh= 1.6km erz= 1.9km
 nr= 23 gap= 77 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	6.4	154	ePg	11:16:03.20	0.68
			eSg	16:04.80	1.38
SMOL	17.1	55	Pg	11:16:04.98	0.55
			Sg	16:07.19	0.38
KRUC	94.1	319	Pg	11:16:18.84	0.65
			Sg	16:30.33	-0.97
RONA	107.1	221	Pg	11:16:19.72	-0.77
			Sg	16:31.67	-3.73
VRAC	109.0	334	Pg	11:16:21.30	0.46
			Sg	16:35.53	-0.49
CONA	116.4	242	Pg	11:16:22.05	-0.12
			Sg	16:38.65	0.26
VYHS	118.3	86	Pg	11:16:22.31	-0.20
CSKK	140.7	147	Sn	11:16:44.64	-0.48
MPLH	141.4	171	Sn	11:16:44.27	-1.01
PKST	142.7	155	Sn	11:16:43.59	-1.98
PKSG	143.6	143	Pn	11:16:26.60	0.28
			Sn	16:44.67	-1.10
MORC	151.9	8	Pn	11:16:27.82	0.47
			Sn	16:47.30	-0.31
ARSA	183.3	225	Pn	11:16:33.02	1.76
			Sn	16:55.32	0.75
KRLC	186.5	350	Sn	11:16:54.41	-0.87

1021.

2018-10-17 time: 21:30:45.21 UTC ML= 1.1
 lat: 45.767N lon: 18.426E h= 10.0 km
 erh= 7.3km erz=13.2km
 nr= 10 gap=202 rms=0.61
 Locality: Beremend
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOVH	43.7	325	Pg	21:30:53.21	-0.01
			Sg	30:59.03	-0.44

1022.

2018-10-18 time: 8:32:18.31 UTC ML= 1.4
 lat: 47.356N lon: 18.410E h= 0.0 km
 erh= 3.0km erz= 523km
 nr= 8 gap=235 rms=0.38
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.2	340	PgU	8:32:19.35	0.29
			Sg	32:19.79	0.14
CSKK	11.3	274	Pg	8:32:20.63	0.30
			Sg	32:21.93	0.02
PKST	30.4	249	Pg	8:32:23.87	0.13
			Sg	32:27.49	-0.48
VYHS	130.5	14	Pg	8:32:41.31	-0.29
			Sg	32:58.18	-1.59

1023.

2018-10-18 time: 9:02:51.86 UTC ML= 1.5
 lat: 48.634N lon: 20.795E h= 0.0 km
 erh= 3.0km erz= 5.0km
 nr= 9 gap=132 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	28.3	234	Pg	9:02:57.25	0.33
			Sg	02:59.88	-0.99
ABAH	49.9	139	Pg	9:03:00.84	0.07
			Sg	03:07.51	-0.22
PSZ	103.9	220	Pg	9:03:11.23	0.81
LANS	113.0	301	Pg	9:03:12.64	0.60
KOLS	113.6	73	Sg	9:03:27.10	-0.86
VYHS	145.4	264	Pn	9:03:17.15	0.13
			Sn	03:34.58	-2.07

1024.

2018-10-18 time: 9:07:02.14 UTC ML= 1.2
 lat: 47.567N lon: 18.378E h= 0.0 km
 erh= 3.9km erz= 941km
 nr= 9 gap=159 rms=0.72
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	19.5	177	Pg	9:07:05.66	0.05
			Sg	07:08.27	-0.05
CSKK	24.3	201	Pg	9:07:06.71	0.24
			Sg	07:09.78	-0.08
SRO	27.8	350	eSg	9:07:12.50	1.51
PKST	42.9	217	Pg	9:07:10.28	0.48
VYHS	108.6	18	Pg	9:07:21.43	-0.11
			Sg	07:34.73	-1.94
MODS	121.7	318	eSg	9:07:39.90	-0.91

Hypocenter Parameters

Földrengés paraméterek

1025.

2018-10-18 time: 9:08:55.59 UTC ML= 1.4
 lat: 48.413N lon: 18.478E h= 0.0 km
 erh= 2.2km erz= 5.3km
 nr= 13 gap= 75 rms=0.76
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	28.0	71	Pg	9:09:00.90	0.30
			Sg	09:04.92	0.42
A336	43.5	117	Pg	9:09:04.19	0.83
			Sg	09:09.45	0.02
A338	45.2	192	Pg	9:09:03.65	-0.01
			Sg	09:10.12	0.17
MODS	89.0	267	ePg	9:09:12.60	1.12
			eSg	09:23.20	-0.68
LANS	109.7	42	Pg	9:09:15.06	-0.12
			Sg	09:30.02	-0.44
CSKK	117.8	188	Sg	9:09:31.40	-1.64
PSZ	118.9	118	Sg	9:09:31.68	-1.70
MORC	166.4	336	Sn	9:09:44.08	-0.96

1026.

2018-10-18 time: 9:26:43.14 UTC ML= 1.5
 lat: 46.097N lon: 17.930E h= 0.0 km
 erh= 4.1km erz= 5.1km
 nr= 13 gap=193 rms=0.98
 Locality: Nyugotszenterzsébet
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	13.2	94	Pg	9:26:46.11	0.62
			Sg	26:47.16	-0.17
PKSM	56.4	77	Pg	9:26:53.47	0.25
			Sg	26:59.45	-1.63
MORH	56.7	76	Pg	9:26:53.48	0.21
			Sg	26:59.61	-1.57
PKS9	60.8	26	Pg	9:26:55.39	1.40
			Sg	27:02.74	0.28
PKB5	83.2	48	Sg	9:27:10.63	1.05
MPLH	123.0	346	Sg	9:27:22.91	0.66
PKST	129.5	4	Sg	9:27:22.35	-1.94
KOGS	135.3	287	Sn	9:27:25.46	-0.22
CSKK	143.0	10	Sn	9:27:26.31	-1.10

1027.

2018-10-18 time: 10:01:03.01 UTC ML= 1.5
 lat: 46.972N lon: 17.494E h= 0.0 km
 erh= 6.2km erz= 852km
 nr= 7 gap=214 rms=0.57
 Locality: Nyirád
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	22.4	9	Pg	10:01:06.57	-0.44
			Sg	01:09.95	-0.17
PKST	52.0	52	Pg	10:01:13.15	0.85
KOVH	108.6	155	Pg	10:01:23.03	0.62
			Sg	01:36.76	-0.78
MORH	121.8	134	Sg	10:01:41.48	-0.24
PKSM	121.9	134	Sg	10:01:41.43	-0.34

1028.

2018-10-18 time: 10:09:51.50 UTC ML= 0.8
 lat: 47.211N lon: 18.290E h= 0.0 km
 erh= 1.2km erz= 6.5km
 nr= 9 gap=146 rms=0.39
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.0	352	Pg	10:09:54.73	0.19
			Sg	09:56.44	-0.48
PKST	20.1	285	Pg	10:09:55.13	0.05
			Sg	09:57.92	0.04
PKSG	21.5	21	Pg	10:09:55.61	0.28
			Sg	09:58.40	0.08
MPLH	57.1	265	Pg	10:10:01.94	0.25
PKSM	114.3	166	Sg	10:10:27.19	-0.63
SOP	140.8	292	Sn	10:10:32.21	-3.05

1029.

2018-10-19 time: 7:17:50.10 UTC ML= 1.1
 lat: 47.111N lon: 18.079E h= 0.0 km
 erh= 3.2km erz= 628km
 nr= 7 gap=137 rms=0.43
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.8	348	Pg	7:17:52.42	-0.69
			Sg	17:55.45	0.00
TIH	27.4	211	Pg	7:17:55.22	0.23
CSKK	31.3	26	Pg	7:17:56.31	0.63
			Sg	17:59.58	-0.46
MORH	108.5	157	Pg	7:18:09.80	0.33
PKSM	108.8	157	Pg	7:18:09.31	-0.22

1030.

2018-10-19 time: 9:04:46.36 UTC ML= 0.8
 lat: 46.194N lon: 18.283E h= 0.0 km
 erh= 1.1km erz= 332km
 nr= 8 gap=145 rms=0.24
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.3	230	Pg	9:04:49.48	-0.16
			Sg	04:52.30	0.11
PKSM	27.8	86	Pg	9:04:51.29	-0.03
			Sg	04:55.01	-0.18
MORH	28.0	85	Pg	9:04:51.49	0.12
			Sg	04:55.41	0.14
PKST	120.0	351	Sg	9:05:24.18	-0.31
MPLH	122.6	332	Sg	9:05:26.24	0.92

1031.

2018-10-19 time: 9:16:58.03 UTC ML= 1.2
 lat: 47.221N lon: 18.274E h= 0.0 km
 erh= 1.9km erz= 242km
 nr= 6 gap=258 rms=0.15
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	15.8	356	Pg	9:17:00.86	0.00
			Sg	17:02.71	-0.36
PKST	18.6	283	Pg	9:17:01.26	-0.10
			Sg	17:04.12	0.17
PKSG	20.9	25	Pg	9:17:01.86	0.09
			Sg	17:04.82	0.13

1032.

2018-10-19 time: 9:34:48.08 UTC ML= 0.9
 lat: 47.215N lon: 18.292E h= 0.0 km
 erh= 1.7km erz= 476km
 nr= 8 gap=146 rms=0.34
 Locality: Moha
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
CSKK	16.6	352	Pg	9:34:50.93	-0.12
			Sg	34:53.31	-0.06
PKST	20.1	284	Pg	9:34:51.53	-0.14
			Sg	34:54.32	-0.16
PKSG	21.0	21	Sg	9:34:54.82	0.06
MPLH	57.3	265	Pg	9:34:58.66	0.36
PKSM	114.7	167	Pg	9:35:08.85	0.30
			Sg	35:22.84	-1.69

1033.

2018-10-19 time: 9:43:35.58 UTC ML= 2.0
 lat: 45.638N lon: 17.281E h= 0.0 km
 erh= 2.7km erz= 4.1km
 nr= 15 gap=126 rms=1.02
 Locality: Croatia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	81.0	52	Pg	9:43:50.40	0.36
			Sg	44:00.97	-0.34
BLY	99.1	184	Pg	9:43:54.25	0.98
			Sg	44:06.10	-0.96
BEHE	100.5	337	Pg	9:43:55.69	2.17
			Sg	44:07.33	-0.19
PTJ	107.0	286	Pg	9:43:54.41	-0.27
			Sg	44:08.62	-0.95
PKSM	123.3	59	Pg	9:43:56.97	-0.63
			Sg	44:12.84	-1.94
MORH	123.8	59	Pg	9:43:57.23	-0.45
			Sg	44:13.47	-1.44
PKB4	140.0	47	Pn	9:44:01.53	1.47
			Sn	44:19.47	0.31
PKB5	154.8	47	Sn	9:44:23.02	0.56

1034.

2018-10-19 time: 10:00:27.24 UTC ML= 1.6
 lat: 48.143N lon: 16.933E h= 0.0 km
 erh= 3.7km erz= 3.8km
 nr= 13 gap=112 rms=1.11
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	36.2	45	ePg	10:00:34.50	0.80
			eSg	00:39.20	0.45
KRUC	109.6	339	Sg	10:01:01.53	-0.55
			Pg	10:00:50.43	0.26
PKST	128.4	140	Sg	01:06.75	-1.31
			Pn	10:00:50.69	-0.04
VRAC	132.0	349	Sn	01:07.46	-1.59
			Sn	10:01:06.85	-2.21
CSKK	132.0	131	Sn	10:01:08.96	-1.32
PKSG	137.5	127	Sn	10:01:08.96	-1.32
ARSA	145.1	227	Pn	10:00:53.80	1.44
			Sn	01:11.87	-0.09
VYHS	146.5	75	Pn	10:00:54.10	1.57
			Sn	01:12.73	0.47

1035.

2018-10-19 time: 10:16:46.64 UTC ML= 1.8
 lat: 48.229N lon: 21.220E h= 0.0 km
 erh= 1.7km erz= 381km
 nr= 6 gap=154 rms=0.22
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	7.6	11	Pg	10:16:47.90	-0.09
			Sg	16:49.30	0.26
KECS	61.3	297	Pg	10:16:57.69	0.10
			Sg	17:05.57	-0.56

TRPA	98.7	96	Pg	10:17:04.17	-0.10
PSZ	104.7	251	Pg	10:17:05.52	0.19

1036.

2018-10-21 time: 9:38:17.34 UTC ML= 1.3
 lat: 45.956N lon: 17.288E h= 16.2 km
 erh= 3.3km erz= 2.4km
 nr= 9 gap=130 rms=0.52
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOVH	64.5	77	Pg	9:38:29.43	0.21
			Sg	38:38.02	-0.46
KOGS	97.0	304	S*	9:38:46.81	-0.77
PKSM	108.4	75	Pn	9:38:36.03	0.20
			Sn	38:49.92	-0.32
MORH	108.7	75	Pn	9:38:36.46	0.59
			Sn	38:50.27	-0.04
BLY	134.5	183	Sn	9:38:55.27	-0.75
CRES	142.9	264	Sn	9:38:58.98	1.08

1037.

2018-10-22 time: 8:58:31.93 UTC ML= 1.7
 lat: 46.231N lon: 21.681E h= 15.9 km
 erh= 3.8km erz= 2.5km
 nr= 14 gap=199 rms=0.73
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
SURR	63.2	147	Sg	8:58:52.50	-0.13
SURR	63.2	147	PgC	8:58:43.12	-0.44
TIM	65.5	213	PgC	8:58:43.63	-0.33
TIM	65.5	213	Sg	8:58:52.10	-1.25
BZS	68.4	184	Pg	8:58:46.75	2.27
			Sg	58:54.38	0.12
DRGR	100.7	52	Pn	8:58:49.97	0.49
			Sn	59:03.17	0.00
BANR	103.4	204	PnC	8:58:49.97	0.15
BANR	103.4	204	Sn	8:59:03.50	-0.27
MARR	121.0	66	PnC	8:58:51.85	-0.17
MARR	121.0	66	Sn	8:59:06.50	-1.19
MDVR	161.1	179	PnD	8:58:57.81	0.80
MDVR	161.1	179	Sn	8:59:17.00	0.42

1038.

2018-10-22 time: 10:10:36.89 UTC ML= 1.6
 lat: 48.407N lon: 19.087E h= 0.0 km
 erh= 1.5km erz= 1.9km
 nr= 20 gap= 67 rms=0.70
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	20.4	199	Pg	10:10:40.31	-0.22
			Sg	10:44.15	0.77
VYHS	20.9	297	Pg	10:10:41.16	0.54
			Sg	10:44.60	1.06
PENC	70.1	168	Pg	10:10:49.85	0.45
			Sg	10:59.39	0.23
PSZ	81.0	132	Pg	10:10:52.28	0.93
			Sg	11:02.00	-0.64
LANS	87.3	19	Pg	10:10:52.46	-0.01
			Sg	11:04.88	0.26
KECS	103.8	85	Pg	10:10:54.62	-0.80
			Sg	11:08.23	-1.65
PKSG	124.3	205	Pg	10:10:59.19	0.10
			Sg	11:15.81	-0.60
CSKK	131.5	208	Sn	10:11:17.54	-1.06
MODS	134.1	268	eSn	10:11:18.60	-0.57
PKST	150.0	212	Sn	10:11:21.88	-0.83

Hypocenter Parameters

ABAH 160.0 94 Pn 10:11:04.61 0.74
 Sn 11:25.45 0.53
 MORC 189.6 323 Sn 10:11:30.22 -1.26

1039.

2018-10-22 time: 14:40:18.01 UTC ML= 1.4
 lat: 46.218N lon: 17.162E h= 10.0 km
 erh=11.5km erz= 2.3km
 nr= 7 gap=212 rms=0.39
 Locality: Berzence
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
BEHE	40.9	313	Pg	14:40:26.05			0.53
			Sg	40:30.64			-0.74
KOVH	73.9	101	Pg	14:40:31.07			-0.25
			Sg	40:41.76			0.05
PKSM	114.2	90	Pn	14:40:37.95			-0.05
			Sn	40:53.41			-0.19
MORH	114.4	90	Sn	14:40:54.16			0.52

1040.

2018-10-23 time: 7:32:13.58 UTC ML= 0.2
 lat: 47.390N lon: 18.257E h= 3.6 km
 erh= 4.9km erz= 3.1km
 nr= 6 gap=220 rms=0.09
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	3.0	175	PgU	7:32:14.56			0.15
			Sg	32:14.99			-0.07
PKSG	10.1	89	Pg	7:32:15.51			0.02
			Sg	32:16.92			-0.06
PKST	22.2	229	Pg	7:32:17.50			-0.10
			Sg	32:20.78			0.04

1041.

2018-10-23 time: 8:25:27.30 UTC ML= 1.7
 lat: 48.599N lon: 20.739E h= 0.0 km
 erh= 2.7km erz= 3.6km
 nr= 11 gap=151 rms=0.69
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.7	235	Pg	8:25:31.62			0.27
			Sg	25:34.83			0.31
ABAH	50.1	132	Pg	8:25:35.71			-0.53
			Sg	25:43.16			-0.06
NIE	96.3	341	Pg	8:25:45.70			1.20
PSZ	98.3	220	Pg	8:25:45.19			0.34
			Sg	25:57.98			-0.56
LANS	111.6	303	Pg	8:25:47.05			-0.17
			Sg	26:01.24			-1.53
A336	135.1	252	Sn	8:26:10.58			0.78
VYHS	141.0	265	Sn	8:26:10.13			-0.98

1042.

2018-10-24 time: 6:40:06.71 UTC ML= 1.6
 lat: 47.306N lon: 18.342E h= 0.0 km
 erh= 1.0km erz= 1.5km
 nr= 17 gap= 68 rms=0.42
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	8.8	316	Pg	6:40:08.33			0.05
			Sg	40:09.32			-0.18
PKSG	10.2	21	Pg	6:40:08.88			0.36

Földrengés paraméterek

			Sg	40:10.43			0.49
NADP	21.6	105	Pg	6:40:10.84			0.28
			Sg	40:13.85			0.29
PKST	23.9	257	Pg	6:40:10.74			-0.23
			Sg	40:14.35			0.06
MPLH	62.6	256	Pg	6:40:18.07			0.18
MORH	123.4	169	Pg	6:40:28.31			-0.44
			Sg	40:43.12			-2.82*
PKSM	123.8	169	Pg	6:40:28.71			-0.11
PSZ	135.1	60	Pn	6:40:30.52			-0.07
			Sn	40:48.50			-0.71
KOVH	136.7	188	Pn	6:40:31.40			0.62
VYHS	137.1	16	Pn	6:40:30.87			0.03
			Sn	40:48.20			-1.46

1043.

2018-10-24 time: 9:12:05.56 UTC ML= 1.5
 lat: 48.540N lon: 20.726E h= 0.0 km
 erh= 7.5km erz= 4.5km
 nr= 5 gap=218 rms=0.69
 Locality: Bódvaszilás
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	18.8	251	Pg	9:12:09.46			0.54
			Sg	12:11.84			0.30
ABAH	46.7	125	Sg	9:12:20.15			-0.24
VYHS	139.7	268	Pn	9:12:30.25			0.24
			Sn	12:47.42			-1.67

1044.

2018-10-24 time: 10:01:45.18 UTC ML= 1.9
 lat: 48.160N lon: 16.911E h= 0.0 km
 erh= 3.6km erz= 4.5km
 nr= 17 gap= 87 rms=1.14
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
MODS	36.1	49	ePg	10:01:52.20			0.56
			eSg	01:58.00			1.33
RONA	68.8	222	Pg	10:01:58.10			0.64
			Sg	02:06.45			-0.59
CONA	82.4	252	Pg	10:02:00.57			0.68
			Sg	02:10.50			-0.86
KRUC	107.3	339	Pg	10:02:05.17			0.83
			Sg	02:17.72			-1.56
VRAC	129.8	350	Pg	10:02:08.79			0.42
			Sg	02:24.95			-1.50
PKST	130.9	140	Sn	10:02:24.70			-2.06
CSKK	134.5	131	Sn	10:02:24.50			-3.05
ARSA	145.2	226	Pn	10:02:11.80			1.48
			Sn	02:29.22			-0.70
VYHS	147.5	75	Pn	10:02:11.80			1.19
			Sn	02:29.72			-0.73
A336	155.5	87	Sn	10:02:32.43			0.22

1045.

2018-10-24 time: 12:58:22.82 UTC ML= 2.0
 lat: 48.226N lon: 21.270E h= 0.0 km
 erh= 1.7km erz= 5.5km
 nr= 8 gap=169 rms=0.43
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	8.1	344	PgU	12:58:24.50			0.23
			Sg	58:25.02			-0.38
KECS	64.8	296	Pg	12:58:34.64			0.25
			Sg	58:42.80			-0.62
LTVH	104.8	153	Sg	12:58:55.65			-0.48
PSZ	108.1	252	Pg	12:58:42.40			0.28

Földrengés paraméterek

Hypocenter Parameters

A336 168.7 270 Sg 58:57.20 0.02
Sn 12:59:14.61 1.82

1046.

2018-10-25 time: 6:44:30.77 UTC ML= 1.2
lat: 47.306N lon: 17.601E h= 0.0 km
erh= 0.7km erz= 2.1km
nr= 7 gap=158 rms=0.31
Locality: Homokbödöge
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	15.8	197	Pg	6:44:33.75	0.15
			Sg	44:36.06	0.26
EGYH	23.8	301	Pg	6:44:34.91	-0.12
			Sg	44:38.32	-0.03
PKST	33.2	99	Pg	6:44:36.89	0.19
			Sg	44:41.06	-0.25
KOVH	140.6	164	Sn	6:45:12.87	-1.64

1047.

2018-10-25 time: 8:06:43.55 UTC ML= 1.4
lat: 47.323N lon: 18.426E h= 0.0 km
erh= 1.5km erz= 362km
nr= 6 gap=192 rms=0.21
Locality: Zámoly
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.1	341	Pg	8:06:45.07	0.07
			Sg	06:45.62	-0.51
CSKK	13.3	290	Pg	8:06:46.17	0.25
			Sg	06:47.83	0.05
PKST	30.5	257	Sg	8:06:53.13	-0.11
MORH	124.2	172	Sg	8:07:22.98	-0.03

1048.

2018-10-25 time: 8:24:04.50 UTC ML= 1.8
lat: 46.992N lon: 22.275E h= 0.0 km
erh= 2.6km erz= 2.9km
nr= 18 gap=159 rms=0.91
Locality: Romania
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
DRGR	40.0	124	Pg	8:24:12.05	0.41
			Sg	24:16.82	-0.39
MESR	54.1	71	Sg	8:24:21.70	0.01
MARR	73.3	119	PgD	8:24:17.66	0.07
			Sg	24:26.70	-1.10
SIRR	93.3	210	PgC	8:24:22.45	1.29
			Sg	24:33.20	-0.97
CJR	105.5	107	PgD	8:24:24.37	1.03
TRPA	128.1	9	Pg	8:24:26.88	-0.49
			Sg	24:44.00	-1.21
SURR	138.1	185	PnC	8:24:29.19	0.44
			Sn	24:45.80	-1.87
ARCR	158.3	86	Sn	8:24:52.10	-0.05
BZS	161.1	198	Pn	8:24:32.66	1.04
			Sn	24:51.74	-1.03
GZR	181.9	168	PnD	8:24:35.59	1.38
			Sn	24:56.00	-1.38
HERR	234.9	177	Sn	8:25:09.00	-0.15

1049.

2018-10-25 time: 8:36:10.71 UTC ML= 1.3
lat: 48.608N lon: 20.724E h= 0.0 km
erh= 2.2km erz= 3.6km
nr= 8 gap=118 rms=0.46
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.4	232	Pg	8:36:15.13	0.42
			Sg	36:17.42	-0.42
ABAH	51.5	132	Pg	8:36:19.93	0.02
			Sg	36:26.51	-0.58
STHS	97.6	23	ePg	8:36:28.10	-0.04
KOLS	119.5	72	Sg	8:36:48.87	0.19
VYHS	140.0	265	Pn	8:36:35.92	0.73
			Sn	36:53.39	-0.90

1050.

2018-10-25 time: 9:28:34.43 UTC ML= 1.0
lat: 47.200N lon: 18.325E h= 0.0 km
erh= 1.9km erz= 3.7km
nr= 14 gap=153 rms=0.63
Locality: Székesfehérvár
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.7	345	Pg	9:28:37.68	-0.10
			Sg	28:39.51	-0.88
PKSG	21.9	13	Pg	9:28:38.69	0.35
			Sg	28:41.97	0.59
PKST	22.9	287	Pg	9:28:38.11	-0.42
			Sg	28:41.10	-0.62
MPLH	59.6	267	Pg	9:28:45.61	0.53
			Sg	28:54.48	1.10
MORH	112.1	167	Sg	9:29:09.42	-0.66
PKSM	112.5	168	Pg	9:28:55.41	0.88
			Sg	29:09.06	-1.14
KOVH	124.8	188	Sg	9:29:13.78	-0.33
VYHS	148.8	15	Pn	9:29:00.28	0.26
			Sn	29:19.56	-0.43

1051.

2018-10-25 time: 10:00:10.95 UTC ML= 1.7
lat: 48.165N lon: 16.902E h= 0.0 km
erh= 2.0km erz= 2.6km
nr= 13 gap= 88 rms=0.66
Locality: Austria
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	36.3	50	ePg	10:00:17.60	0.17
			eSg	00:22.10	-0.39
CONA	81.9	251	Pg	10:00:26.08	0.51
			Sg	00:36.23	-0.74
EGYH	89.1	159	Sg	10:00:38.84	-0.44
KRUC	106.5	339	Sg	10:00:44.86	0.05
VRAC	129.2	350	Pg	10:00:34.17	0.15
			Sg	00:50.79	-1.22
ARSA	145.0	226	Pn	10:00:36.73	0.67
			Sn	00:55.10	-0.56
VYHS	148.1	76	Pn	10:00:37.58	1.14
			Sn	00:55.10	-1.23
MORC	185.3	15	Sn	10:01:05.15	0.55

Hypocenter Parameters

Földrengés paraméterek

1052.

2018-10-25 time: 10:13:02.46 UTC ML= 1.9
 lat: 48.821N lon: 21.178E h= 0.0 km
 erh= 2.9km erz= 3.6km
 nr= 19 gap= 77 rms=1.11
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
ABAH	58.6	176	Pg	10:13:13.29			0.37
			Sg		13:20.42		-0.65
KECS	63.3	234	Pg	10:13:13.87			0.10
			Sg		13:21.40		-1.19
STHS	66.4	4	ePg	10:13:13.30			-1.02
			eSg		13:22.00		-1.57
KOLS	81.3	81	Pg	10:13:18.28			1.30
			Sg		13:27.42		-0.88
NIE	91.7	316	Pg	10:13:20.00			1.17
			Sg		13:29.78		-1.82
TRPA	126.6	127	Pg	10:13:25.67			0.60
			Sg		13:40.08		-2.62
PSZ	138.3	223	Pn	10:13:27.72			0.99
			Sn		13:45.20		-0.47
A336	173.7	248	Sn	10:13:54.49			0.96
			Pn	10:13:31.84			0.36
VYHS	176.3	258	Sn	13:52.43			-1.68
			Pn	10:13:34.20			1.66
OJC	184.8	327	Pn	10:13:34.20			1.66
			Sn	13:55.99			-0.01

1053.

2018-10-25 time: 10:43:43.24 UTC ML= 1.0
 lat: 46.146N lon: 18.069E h= 0.0 km
 erh= 3.6km erz= 502km
 nr= 6 gap=246 rms=0.31
 Locality: Okorvölgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KOVH	6.9	160	Pg	10:43:44.39			-0.08
			Sg		43:45.12		-0.31
PKSM	44.8	81	Pg	10:43:51.60			0.36
			Sg		43:57.70		0.22
MORH	45.1	80	Sg	10:43:57.72			0.15
			Sg	10:44:05.41			-0.57

1054.

2018-10-25 time: 14:49:01.63 UTC ML= 1.6
 lat: 47.893N lon: 19.388E h= 0.0 km
 erh= 1.6km erz= 606km
 nr= 11 gap=129 rms=0.48
 Locality: Bercel
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	13.9	215	Pg	14:49:04.75			0.64
			Sg		49:06.61		0.56
PSZ	38.0	86	Pg	14:49:08.07			-0.34
			Sg		49:13.44		-0.26
A336	47.6	323	Pg	14:49:10.68			0.55
			Sg		49:16.35		-0.42
VYHS	78.4	328	Pg	14:49:16.00			0.37
			Sg	14:49:26.03			-0.55
PKSG	93.4	233	Sg	14:49:30.59			-0.72
			Sg	14:49:33.96			-0.48
PKST	123.9	235	Sg	14:49:41.04			0.04

1055.

2018-10-26 time: 8:09:34.82 UTC ML= 1.4
 lat: 48.591N lon: 20.744E h= 0.0 km
 erh= 1.8km erz= 2.8km
 nr= 9 gap=166 rms=0.35
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.6	238	Pg	8:09:39.15			0.30
			Sg		09:41.56		-0.43
ABAH	49.2	132	Pg	8:09:43.67			0.06
			Sg		09:49.89		-0.58
PSZ	97.9	220	Pg	8:09:52.55			0.25
			Sg		10:06.06		0.13
KOLS	118.7	71	Sg	8:10:12.69			0.15
			Pn	8:09:59.58			0.11
VYHS	141.3	266	Sn	10:17.36			-1.34

1056.

2018-10-26 time: 8:46:03.14 UTC ML= 0.8
 lat: 47.181N lon: 18.022E h= 0.0 km
 erh= 4.8km erz= ***km
 nr= 7 gap=156 rms=0.87
 Locality: Hajmáskér
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKST	8.7	6	Pg	8:46:04.35			-0.34
			Sg		46:07.13		1.22
CSKK	27.1	42	Pg	8:46:06.66			-1.32
			Sg		46:12.85		1.09
TIH	32.8	197	Sg	8:46:13.88			0.33
MPLH	36.6	268	Pg	8:46:10.13			0.46
EGYH	58.4	297	Sg	8:46:20.82			-0.88

1057.

2018-10-26 time: 9:17:57.49 UTC ML= 1.7
 lat: 48.374N lon: 19.837E h= 0.0 km
 erh= 2.1km erz= 877km
 nr= 13 gap= 96 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	49.6	76	Pg	9:18:06.29			-0.05
			Sg		18:13.58		0.33
PSZ	50.8	175	Pg	9:18:06.29			-0.27
			Sg		18:12.72		-0.92
A336	64.1	256	Pg	9:18:09.81			0.87
			Sg		18:18.14		0.28
VYHS	75.2	280	Pg	9:18:11.18			0.25
			Sg		18:20.04		-1.37
PENC	76.9	213	Sg	9:18:22.26			0.32
ABAH	104.4	95	Pg	9:18:16.79			0.66
			Sg		18:29.91		-0.76
NIE	121.4	17	Pg	9:18:19.81			0.64
			Sg		18:34.07		-2.01

1058.

2018-10-26 time: 10:08:49.77 UTC ML= 0.9
 lat: 47.217N lon: 18.278E h= 0.0 km
 erh= 1.8km erz= 620km
 nr= 9 gap=118 rms=0.46
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	16.3	355	Pg	10:08:53.11			0.44
			Sg		08:54.74		-0.20

Földrengés paraméterek

Hypocenter Parameters

PKST 19.1 284 Pg 10:08:53.31 0.14
 Sg 08:55.49 -0.34
 PKSG 21.2 24 Pg 10:08:53.89 0.34
 Sg 08:55.79 -0.71
 NADP 26.1 80 Sg 10:08:58.10 0.05
 PKSM 115.2 166 Pg 10:09:10.61 0.28
 Sg 09:24.69 -1.68

Sg 09:49.59 -1.13
 MPLH 142.8 171 Pn 15:09:38.65 0.70
 Sn 09:55.87 -1.46
 PKST 144.0 156 Sn 15:09:57.38 -0.22
 MORC 150.5 8 Pn 15:09:39.95 1.03
 Sn 09:58.63 -0.41
 ARSA 184.2 224 Pn 15:09:45.48 2.36
 Sn 10:07.47 0.95

1059.

2018-10-26 time: 11:46:34.51 UTC ML= 1.4
 lat: 47.704N lon: 18.493E h= 0.0 km
 erh= 2.0km erz= 963km
 nr= 16 gap= 94 rms=0.84
 Locality: Lábatlan
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SRO	18.1	312	Pg	11:46:37.93	0.18
			Sg	46:41.25	0.97
PKSG	35.6	193	Pg	11:46:42.22	1.36
			Sg	46:45.67	-0.15
CSKK	41.8	205	Pg	11:46:41.91	-0.06
			Sg	46:47.38	-0.41
NADP	50.5	169	Sg	11:46:50.46	-0.11
			Sg	11:46:53.48	-0.08
PENC	59.9	81	Sg	11:46:53.48	-0.08
			Sg	11:46:53.48	-0.08
PKST	60.4	215	Pg	11:46:46.10	0.81
			Sg	46:51.12	-2.58
A336	69.9	33	Sg	11:46:55.31	-1.42
			Sg	11:46:55.31	-1.42
VYHS	91.5	16	Pg	11:46:51.40	0.55
			Sg	47:03.81	0.22
PSZ	107.6	77	Sg	11:47:08.27	-0.46
			Sg	11:47:08.27	-0.46
MODS	117.3	309	ePg	11:46:54.80	-0.66
			eSg	47:09.70	-2.10

1060.

2018-10-26 time: 13:45:37.49 UTC ML= 1.1
 lat: 48.492N lon: 18.701E h= 0.0 km
 erh= 2.0km erz= 300km
 nr= 6 gap=258 rms=0.17
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	10.0	89	Pg	13:45:39.42	0.15
			Sg	45:40.37	-0.29
A336	36.2	142	Sg	13:45:49.29	0.28
			Sg	13:46:05.75	-0.07
PENC	89.1	151	Sg	13:46:05.75	-0.07
			Sg	13:46:05.75	-0.07
PSZ	109.2	126	Pg	13:45:56.96	-0.03
			Pg	13:45:56.96	-0.03
PKSG	124.5	191	Sg	13:46:16.94	-0.11
			Sg	13:46:16.94	-0.11

1061.

2018-10-26 time: 15:09:13.12 UTC ML= 1.8
 lat: 48.438N lon: 17.239E h= 0.0 km
 erh= 1.6km erz= 2.2km
 nr= 21 gap= 77 rms=0.74
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MODS	7.7	158	ePg	15:09:14.10	-0.40
			eSg	09:15.30	-0.28
SMOL	16.4	59	Pg	15:09:16.46	0.42
			Sg	09:19.37	1.05
KRUC	93.0	318	Pg	15:09:29.56	-0.17
			Sg	09:42.51	-0.18
VRAC	107.7	334	Pg	15:09:32.30	-0.05
			Sg	09:46.35	-1.00
RONA	108.1	221	Pg	15:09:32.18	-0.23
			Sg	09:47.74	0.27
CONA	117.1	241	Pg	15:09:34.63	0.61
			Sg	09:48.69	-1.63
VYHS	118.3	87	Pg	15:09:34.43	0.19
			Pg	15:09:34.43	0.19

1062.

2018-10-27 time: 8:00:39.09 UTC ML= 1.9
 lat: 48.508N lon: 17.461E h= 0.0 km
 erh= 3.6km erz= 4.8km
 nr= 12 gap=136 rms=0.59
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	2.4	285	PgU	8:00:39.56	0.04
			Sg	00:40.28	0.42
KRUC	99.6	308	Pg	8:00:57.25	0.38
			Sg	01:10.22	-0.52
VYHS	101.7	91	Pg	8:00:57.49	0.25
			Sg	01:10.02	-1.39
VRAC	109.3	324	Pg	8:00:58.71	0.10
			Sg	01:13.76	-0.08
A336	118.0	105	Pg	8:01:00.64	0.48
			Sg	01:15.89	-0.71
CONA	135.2	242	Pn	8:01:03.68	0.70
			Sn	01:20.25	-1.36

1063.

2018-10-27 time: 11:10:02.62 UTC ML= 0.9
 lat: 47.334N lon: 18.264E h= 6.6 km
 erh= 9.7km erz= 6.7km
 nr= 7 gap=111 rms=0.24
 Locality: Söréd
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	3.2	355	Pg	11:10:03.80	-0.13
			Sg	10:04.41	-0.54
PKSG	11.5	56	Pg	11:10:05.15	0.17
			Sg	10:07.01	0.18
PKST	19.3	244	Pg	11:10:06.25	-0.01
			Sg	10:09.47	0.37
PKSM	128.1	167	Sn	11:10:41.88	-0.18
			Sn	11:10:41.88	-0.18

1064.

2018-10-27 time: 11:11:30.85 UTC ML= 1.6
 lat: 47.345N lon: 18.237E h= 10.0 km
 erh= 2.2km erz= 1.4km
 nr= 25 gap= 72 rms=0.98
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	2.7	42	Sg	11:11:32.53	-1.61
			Pg	11:11:33.32	-0.42
PKSG	12.7	66	Sg	11:35.17	-0.82
			Pg	11:11:34.39	-0.15
PKST	18.1	238	Sg	11:37.61	0.19
			Sg	11:40.31	-0.71
NADP	30.4	109	Pg	11:11:40.31	-0.71
			Sg	11:11:41.70	1.33
SRO	52.3	6	ePg	11:11:41.70	1.33
			eSg	11:47.00	-0.79
EGYH	68.8	277	Sg	11:11:52.16	-0.79
			Pg	11:11:45.26	0.85
PKB1	75.3	146	Pg	11:11:45.26	0.85
			P*	11:11:51.06	1.16
A336	114.0	30	Pn	11:11:50.58	-0.24
			Sn	12:04.92	-1.48
MORH	129.4	166	Pn	11:11:53.52	0.79
			Sn	12:08.81	-0.99

Hypocenter Parameters

PKSM 129.7 166 Pn 11:11:53.22 0.44
 Sn 12:08.53 -1.36
 MODS 135.0 328 ePn 11:11:53.20 -0.24
 eSn 12:09.40 -1.66
 VYHS 135.3 19 Pn 11:11:54.55 1.07
 Sn 12:09.99 -1.14
 PSZ 139.9 63 Sn 11:12:13.68 1.53
 RONA 151.4 285 Pn 11:11:56.75 1.27
 Sn 12:13.37 -1.32
 CONA 189.9 290 Sn 11:12:24.12 0.88

1065.

2018-10-27 time: 11:12:30.31 UTC ML= 0.8
 lat: 47.344N lon: 18.251E h= 4.2 km
 erh= 5.4km erz= 2.9km
 nr= 6 gap=177 rms=0.10
 Locality: Csókakő
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	2.2	18	Pg	11:12:31.15	-0.01
			Sg	12:31.82	-0.01
PKSG	11.8	63	Pg	11:12:32.62	0.07
			Sg	12:34.28	-0.01
PKST	18.9	240	Pg	11:12:33.61	-0.16
			Sg	12:36.65	0.18

1066.

2018-10-27 time: 11:13:34.72 UTC ML= 0.3
 lat: 47.400N lon: 18.218E h= 2.4 km
 erh= 6.1km erz=11.3km
 nr= 6 gap=233 rms=0.11
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	5.2	142	Pg	11:13:35.81	0.06
			Sg	13:36.39	-0.16
PKSG	13.1	94	Pg	11:13:37.13	0.04
			Sg	13:39.05	0.11
PKST	21.0	221	Pg	11:13:38.33	-0.16
			Sg	13:41.56	0.13

1067.

2018-10-28 time: 5:29:35.27 UTC ML= 1.5
 lat: 47.728N lon: 17.119E h= 6.7 km
 erh= 2.0km erz= 2.7km
 nr= 16 gap=112 rms=0.69
 Locality: Jánossomorja
 Comments:

sta	dist	azm	phase	hr mn sec	res
EGYH	38.1	155	Pg	5:29:42.87	0.69
			Sg	29:47.76	0.20
SOP	42.4	263	Pg	5:29:43.47	0.54
			Sg	29:48.69	-0.22
RONA	61.8	267	Pg	5:29:46.41	0.04
			Sg	29:54.27	-0.76
MPLH	69.7	153	Pg	5:29:48.63	0.86
			Sg	29:56.72	-0.79
PKST	86.5	127	Pg	5:29:51.01	0.25
			Sg	30:01.81	-1.03
SMOL	90.3	15	Sg	5:30:03.44	-0.63
			Pg	5:29:52.74	0.15
CONA	96.8	283	Sg	30:04.72	-1.37
			Sn	5:30:15.29	-0.16
ARSA	131.5	246	Pn	5:30:02.44	1.33
			Sn	30:20.52	-0.75
KRUC	157.7	340	Pn	5:30:02.44	1.33
			Sn	30:20.52	-0.75

Földrengés paraméterek

1068.

2018-10-28 time: 6:06:20.58 UTC ML= 0.7
 lat: 47.946N lon: 19.450E h= 0.0 km
 erh= 1.2km erz= 334km
 nr= 6 gap=142 rms=0.19
 Locality: Terény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	21.4	216	Pg	6:06:24.18	-0.22
			Sg	06:27.61	0.23
PSZ	33.3	95	Pg	6:06:26.55	0.01
			Sg	06:31.17	-0.01
A336	46.4	314	Pg	6:06:29.11	0.24
			Sg	06:35.06	-0.27

1069.

2018-10-29 time: 9:03:01.12 UTC ML= 1.9
 lat: 47.299N lon: 17.673E h= 0.0 km
 erh= 2.1km erz= 2.0km
 nr= 20 gap= 96 rms=0.70
 Locality: Bakonykoppány
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	17.5	215	Pg	9:03:03.84	-0.40
			Sg	03:06.53	-0.16
PKST	27.7	99	Pg	9:03:06.23	0.16
			Sg	03:10.27	0.34
EGYH	28.9	297	Pg	9:03:08.76	2.48
			Pg	9:03:09.14	-0.01
CSKK	45.0	81	Sg	03:15.31	-0.11
			Pg	9:03:10.84	-0.14
PKSG	55.2	79	Pg	9:03:10.84	-0.14
			Sg	03:19.10	0.43
BUD	104.1	79	Sg	9:03:33.46	-0.73
			Pn	9:03:25.53	0.81
PENC	132.9	66	Pn	9:03:25.93	0.51
			Sn	03:43.46	-0.91
KOVH	138.5	166	Pn	9:03:25.93	0.51
			Sn	03:43.46	-0.91
MORH	141.5	148	Pn	9:03:26.38	0.59
			Sn	03:44.26	-0.77
PKSM	141.7	149	Pn	9:03:25.68	-0.14
			Pn	9:03:26.13	0.05
A336	143.8	44	Pn	9:03:26.13	0.05
			Sn	03:43.41	-2.14
VYHS	158.8	33	Pn	9:03:28.19	0.24
			Sn	03:47.47	-1.41

1070.

2018-10-29 time: 11:28:09.14 UTC ML= 1.3
 lat: 46.155N lon: 18.030E h= 0.0 km
 erh= 2.4km erz= 509km
 nr= 8 gap=216 rms=0.37
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	9.2	144	Pg	11:28:10.70	-0.08
			Sg	28:11.66	-0.39
PKSM	47.6	82	Pg	11:28:17.93	0.29
			Sg	28:24.26	-0.01
MORH	47.9	82	Pg	11:28:17.93	0.24
			Sg	28:24.08	-0.28
PKS9	51.7	22	Sg	11:28:26.12	0.55
			Pg	11:28:47.20	-0.95
PKST	122.7	0	Sg	11:28:47.20	-0.95

Földrengés paraméterek

Hypocenter Parameters

1071.

2018-10-30 time: 11:41:41.72 UTC ML= 1.3
 lat: 47.865N lon: 19.147E h= 0.0 km
 erh= 1.3km erz= 458km
 nr= 10 gap=127 rms=0.37
 Locality: Nőtincs
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A270	9.9	257	Pg	11:41:43.28	-0.21
			Sg	41:44.82	-0.05
PENC	13.0	130	Pg	11:41:43.81	-0.24
			Sg	41:45.29	-0.57
A336	42.4	345	Pg	11:41:49.72	0.43
			Sg	41:55.23	0.03
PSZ	56.2	84	Pg	11:41:52.54	0.79
			Sg	41:59.69	0.11
VYHS	73.7	342	Pg	11:41:54.90	0.02
			Sg	42:04.65	-0.49

1072.

2018-10-31 time: 5:49:20.44 UTC ML= 1.2
 lat: 45.785N lon: 18.961E h= 3.9 km
 erh= 4.1km erz=57.7km
 nr= 8 gap=164 rms=0.84
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSM	53.5	332	Pg	5:49:30.43	0.41
			Sg	49:36.56	-0.93
MORH	53.8	333	Pg	5:49:30.42	0.35
			Sg	49:36.63	-0.96
KOVH	74.8	297	Pg	5:49:35.20	1.38
			Sg	49:42.80	-1.45
FRGS	98.1	137	Pg	5:49:38.28	0.30
			Sg	49:51.32	-0.34

1073.

2018-10-31 time: 9:07:37.44 UTC ML= 0.9
 lat: 47.104N lon: 18.058E h= 0.0 km
 erh= 3.3km erz= 993km
 nr= 8 gap=125 rms=0.71
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.3	354	Pg	9:07:40.03	-0.51
			Sg	07:41.36	-1.59
CSKK	32.7	28	Pg	9:07:44.17	0.89
			Sg	07:48.66	0.83
MPLH	40.0	281	Sg	9:07:50.53	0.38
PKSG	40.8	38	Pg	9:07:44.75	0.03
PKSM	108.8	156	Pg	9:07:56.96	0.10
			Sg	08:11.22	-0.80

1074.

2018-10-31 time: 11:15:41.67 UTC ML= 1.3
 lat: 48.612N lon: 20.765E h= 0.0 km
 erh= 3.0km erz= 3.6km
 nr= 11 gap=117 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.2	235	Pg	11:15:46.41	0.24
			Sg	15:48.67	-1.00
ABAH	49.7	135	Pg	11:15:50.91	0.36
			Sg	15:58.03	0.56
STHS	96.0	21	ePg	11:15:59.40	0.58

PSZ	100.7	220	Pg	11:16:00.54	0.89
			Sg	16:13.32	-0.36
KOLS	116.4	72	Sg	11:16:17.29	-1.39
A336	137.4	252	Sn	11:16:24.28	-0.40
VYHS	143.0	265	Pn	11:16:06.85	0.31
			Sn	16:24.53	-1.41

1075.

2018-11-02 time: 18:51:03.84 UTC ML= 0.1
 lat: 47.272N lon: 18.353E h= 0.0 km
 erh= 1.4km erz= 188km
 nr= 5 gap=254 rms=0.09
 Locality: Sárkeresztes
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	12.3	326	Pg	18:51:06.13	0.09
			Sg	51:07.78	0.02
PKSG	13.6	12	Pg	18:51:06.33	0.05
			Sg	51:08.03	-0.15
PKST	24.1	267	Sg	18:51:11.44	-0.08

1076.

2018-11-03 time: 7:11:40.90 UTC ML= 1.5
 lat: 47.385N lon: 18.369E h= 0.0 km
 erh= 6.5km erz= 304km
 nr= 5 gap=177 rms=0.16
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	1.8	64	PgU	7:11:41.12	-0.10
			Sg	11:41.52	0.05
CSKK	8.5	254	Pg	7:11:42.57	0.15
			Sg	11:43.31	-0.30
PKST	28.9	241	Sg	7:11:50.24	0.15

1077.

2018-11-04 time: 16:03:15.19 UTC ML= 0.0
 lat: 47.384N lon: 18.237E h= 4.2 km
 erh= 6.4km erz= 3.6km
 nr= 6 gap=218 rms=0.11
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	3.0	142	Pg	16:03:16.15	0.04
			Sg	03:16.75	-0.07
PKSG	11.7	86	Pg	16:03:17.25	-0.15
			Sg	03:19.28	0.15
PKST	20.7	228	Pg	16:03:19.06	0.10
			Sg	03:21.83	-0.07

1078.

2018-11-04 time: 20:57:17.51 UTC ML= 2.3
 lat: 47.942N lon: 16.449E h= 11.1 km
 erh= 1.6km erz= 1.4km
 nr= 56 gap= 39 rms=1.05
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	29.2	203	Pg	20:57:23.00	-0.09
			Sg	57:26.85	-0.60
SOP	29.9	164	PgD	20:57:23.54	0.34
			Sg	57:27.20	-0.44
CONA	43.9	268	Pg	20:57:25.28	-0.32
			Sg	57:30.44	-1.46
MODS	78.1	52	ePg	20:57:31.10	-0.51
			eSg	57:42.60	0.00

Hypocenter Parameters

EGYH	88.3	131	Pg	20:57:34.06	0.66
			Sg	57:44.60	-1.20
A339	91.1	98	Pg	20:57:34.79	0.88
SMOL	96.7	49	ePg	20:57:34.70	-0.19
			eSg	57:47.90	-0.54
ARSA	103.7	222	P*	20:57:35.19	-0.81
			S*	57:47.41	-3.00
A337	105.4	71	P*	20:57:36.70	0.44
MPLH	118.7	136	Pn	20:57:38.65	0.72
			Sn	57:53.16	-0.70
KRUC	124.6	358	Pn	20:57:38.05	-0.62
			Sn	57:52.97	-2.20
SRO	140.2	96	ePn	20:57:42.20	1.59
			eSn	57:58.40	-0.23
PKST	141.3	122	Pn	20:57:41.05	0.30
			Sn	57:58.91	0.03
A338	142.4	87	Pn	20:57:43.03	2.15
CSKK	150.5	115	Sn	20:57:59.86	-1.06
VRAC	152.4	4	Pn	20:57:41.78	-0.35
			Sn	57:59.66	-1.66
PKSG	158.1	113	Pn	20:57:43.02	0.17
			Sn	58:01.47	-1.14
MOA	163.6	266	Pn	20:57:43.55	0.03
			Sn	58:04.59	0.78
TREC	166.3	335	ePn	20:57:43.80	-0.07
			eSn	58:02.50	-1.93
SOKA	176.7	217	Pn	20:57:45.56	0.40
			Sn	58:05.69	-1.03
PERS	176.7	215	iPn	20:57:46.90	1.73
VYHS	187.7	71	Pn	20:57:46.66	0.12
A336	192.7	80	Pn	20:57:47.99	0.83
BIOA	212.3	262	Pn	20:57:50.33	0.73
			Sn	58:17.04	2.41
OBKA	214.6	222	Pn	20:57:53.49	3.60
MORC	219.3	21	Pn	20:57:50.91	0.44
			Sn	58:14.59	-1.59
ZVC	235.2	315	ePn	20:57:54.20	1.74
			eSn	58:20.40	0.69
KRLC	238.5	6	Pn	20:57:52.95	0.08
			Sn	58:19.40	-1.05
KOVH	241.3	149	Pn	20:57:53.34	0.13
			Sn	58:18.25	-2.81
KHC	249.9	302	ePn	20:57:56.50	2.21
			eSn	58:25.70	2.73
KBA	252.8	248	Pn	20:57:56.36	1.71
			Sn	58:24.96	1.35
PKSM	254.4	139	Sn	20:58:21.49	-2.48
PRU	267.0	328	eSn	20:58:31.00	4.22*
DPC	268.0	358	eSn	20:58:33.00	6.00*
PVCC	318.6	335	eSn	20:58:46.90	8.68*
NKC	387.8	311	eSn	20:59:06.50	12.93*

1079.

2018-11-04 time: 21:05:23.23 UTC ML= 1.8
 lat: 47.963N lon: 16.422E h= 6.0 km
 erh= 1.8km erz= 1.9km
 nr= 37 gap= 49 rms=1.03
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	30.8	198	Pg	21:05:29.05	0.22
			Sg	05:32.60	-0.60
SOP	32.8	162	PgD	21:05:29.70	0.52
			Sg	05:33.34	-0.47
CONA	42.0	265	Pg	21:05:31.46	0.65
			Sg	05:35.74	-0.99
MODS	78.3	54	ePg	21:05:37.30	0.05
			eSg	05:48.50	0.31
EGYH	91.4	132	Pg	21:05:40.25	0.67
			Sg	05:51.12	-1.22
A339	93.5	99	Sg	21:05:51.93	-1.06
SMOL	96.6	51	eSg	21:05:54.60	0.60
ARSA	104.2	220	Pg	21:05:41.58	-0.28

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			Sg	05:53.61	-2.78
MPLH	121.8	136	Pn	21:05:45.14	0.46
			Sn	05:59.88	-1.53
KRUC	122.2	359	Pn	21:05:44.27	-0.45
			Sn	05:59.11	-2.38
A338	144.2	88	Pn	21:05:49.44	1.97
			Sn	06:06.25	-0.13
VRAC	150.1	5	Pn	21:05:48.23	0.03
			Sn	06:05.96	-1.73
CSKK	153.4	116	Sn	21:06:09.89	1.48
PKSG	160.9	113	Pn	21:05:49.27	-0.28
			Sn	06:08.46	-1.62
MOA	161.7	266	Pn	21:05:50.54	0.89
			Sn	06:10.43	0.17
TREC	163.3	335	ePn	21:05:50.50	0.65
			eSn	06:09.40	-1.22
VYHS	188.8	72	Pn	21:05:54.46	1.43
			Sn	06:17.02	0.74
PKS9	207.7	137	Sn	21:06:21.69	1.21
BIOA	210.6	262	Pn	21:05:56.15	0.40
			Sn	06:23.24	2.12
MORC	217.8	22	Sn	21:06:20.80	-1.91
ZVC	232.1	315	ePn	21:06:00.60	2.17
			eSn	06:26.10	0.22

1080.

2018-11-05 time: 9:16:12.63 UTC ML= 1.6
 lat: 48.597N lon: 20.758E h= 0.0 km
 erh= 1.5km erz= 3.3km
 nr= 12 gap= 87 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.8	238	Pg	9:16:17.12	0.25
			Sg	16:19.78	-0.40
ABAH	48.8	133	Pg	9:16:21.72	0.37
			Sg	16:27.71	-0.43
NIE	97.1	340	Pg	9:16:30.48	0.51
STHS	97.9	21	ePg	9:16:30.50	0.39
			eSg	16:42.70	-1.04
PSZ	99.0	220	Pg	9:16:30.93	0.62
LANS	113.0	303	Pg	9:16:32.76	-0.04
KOLS	117.5	71	Sg	9:16:49.00	-0.97
VYHS	142.4	265	Pn	9:16:37.09	-0.33
			Sn	16:55.16	-1.59

1081.

2018-11-05 time: 9:22:17.05 UTC ML= 1.2
 lat: 47.327N lon: 17.646E h= 0.0 km
 erh= 1.3km erz= 364km
 nr= 7 gap=150 rms=0.24
 Locality: Bakonykoppány
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	19.2	205	Pg	9:22:20.62	0.15
			Sg	22:23.22	0.07
EGYH	25.8	293	Sg	9:22:25.18	-0.07
PKST	30.3	104	Pg	9:22:22.08	-0.38
			Sg	22:26.43	-0.25
CSKK	46.6	85	Sg	9:22:32.11	0.26
PKSG	56.7	83	Sg	9:22:35.36	0.29

1082.

2018-11-05 time: 9:56:25.92 UTC ML= 2.1
 lat: 48.517N lon: 17.506E h= 0.0 km
 erh= 4.2km erz= 4.9km
 nr= 10 gap=129 rms=0.94
 Locality: Slovakia
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
SMOL	5.7	267	PgU	9:56:27.48	0.54
			Sg	56:27.90	0.17
VYHS	98.4	91	Pg	9:56:44.03	0.55
KRUC	101.6	307	Pg	9:56:45.28	1.21
			Sg	56:56.55	-1.68
VRAC	110.5	323	Pg	9:56:46.54	0.88
			Sg	57:00.14	-0.91
CONA	138.6	242	Pn	9:56:50.20	-0.03
			Sn	57:08.17	-1.03
PKSG	141.5	152	Sn	9:57:08.27	-1.57

1083.

2018-11-05 time: 11:00:44.86 UTC ML= 1.5
 lat: 48.116N lon: 18.956E h= 0.0 km
 erh= 1.7km erz= 4.4km
 nr= 16 gap= 92 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	13.5	14	Pg	11:00:47.50	0.24
			Sg	00:49.26	0.12
VYHS	43.0	348	Pg	11:00:53.00	0.46
			Sg	00:57.84	-0.69
PENC	43.5	146	Sg	11:00:59.26	0.56
A338	46.4	256	Pg	11:00:53.76	0.63
			Sg	00:59.99	0.40
SRO	58.6	235	Sg	11:01:02.93	-0.55
PSZ	73.3	107	Pg	11:00:58.39	0.44
			Sg	01:07.81	-0.36
PKSG	90.9	208	Pg	11:01:02.20	1.10
			Sg	01:13.31	-0.45
CSKK	98.6	212	Sg	11:01:15.77	-0.42
PKST	117.7	216	Sg	11:01:20.55	-1.72
KECS	120.6	70	Sg	11:01:21.31	-1.88
EGYH	144.4	237	Sn	11:01:28.72	-0.71

1084.

2018-11-05 time: 13:42:33.48 UTC ML= 1.1
 lat: 46.145N lon: 18.035E h= 0.0 km
 erh= 2.5km erz= 368km
 nr= 8 gap=291 rms=0.27
 Locality: Hetvehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	8.0	142	Pg	13:42:34.99	0.08
			Sg	42:36.45	0.42
PKSV	33.1	150	Pg	13:42:39.26	-0.12
			Sg	42:43.28	-0.71
PKSM	47.4	81	Pg	13:42:42.17	0.23
			Sg	42:48.37	-0.17
MORH	47.7	80	Pg	13:42:42.12	0.13
			Sg	42:48.37	-0.26

1085.

2018-11-06 time: 7:47:50.04 UTC ML= 0.7
 lat: 47.159N lon: 18.216E h= 0.0 km
 erh= 3.8km erz= 492km
 nr= 6 gap=282 rms=0.30
 Locality: Ősi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.6	309	Pg	7:47:53.35	0.16
			Sg	47:55.66	0.01
CSKK	22.9	9	Pg	7:47:53.93	-0.20
			Sg	47:56.69	-0.64
PKSG	29.0	27	Pg	7:47:55.30	0.07
			Sg	47:59.77	0.50

1086.

2018-11-06 time: 7:52:31.15 UTC ML= 0.8
 lat: 47.088N lon: 18.206E h= 0.0 km
 erh= 4.2km erz= 880km
 nr= 7 gap=165 rms=0.61
 Locality: Küngös
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	23.1	326	Pg	7:52:35.90	0.62
			Sg	52:38.12	-0.37
CSKK	30.9	8	Pg	7:52:36.49	-0.18
			Sg	52:39.68	-1.29
PKSG	36.6	22	Pg	7:52:38.53	0.85
			Sg	52:42.38	-0.40
MORH	102.6	161	Pg	7:52:49.43	-0.04

1087.

2018-11-06 time: 7:57:21.87 UTC ML= 0.9
 lat: 47.123N lon: 18.230E h= 0.0 km
 erh= 1.7km erz= 229km
 nr= 6 gap=294 rms=0.14
 Locality: Jenő
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	21.2	316	Pg	7:57:25.82	0.16
			Sg	57:28.52	-0.10
CSKK	26.8	5	Pg	7:57:26.61	-0.06
			Sg	57:30.23	-0.18
PKSG	32.3	22	Pg	7:57:27.58	-0.06
			Sg	57:32.38	0.24

1088.

2018-11-06 time: 8:45:08.85 UTC ML= 2.3
 lat: 46.408N lon: 21.554E h= 6.1 km
 erh= 1.7km erz= 1.6km
 nr= 32 gap= 44 rms=0.91
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
SIRR	17.6	152	PgC	8:45:13.25	1.08
			Sg	45:15.80	1.04
AMBH	64.1	264	Sg	8:45:27.37	-1.93
BORR	77.9	13	Sg	8:45:33.20	-0.49
SURR	85.0	149	PgC	8:45:24.17	0.11
			Sg	45:34.50	-1.43
BZS	88.0	177	Pg	8:45:24.41	-0.20
			Sg	45:34.55	-2.35
DRGR	98.4	64	Pg	8:45:27.17	0.72
			Sg	45:39.07	-1.11
BANR	118.5	196	Sn	8:45:44.70	-1.57
DEV	119.4	119	PnC	8:45:30.34	0.35
			Sn	45:45.70	-0.78
MARR	123.7	76	PnC	8:45:31.22	0.70
			Sn	45:46.40	-1.02
MESR	134.8	52	Sn	8:45:49.60	-0.28
GZR	147.3	140	PnC	8:45:34.41	0.94
			Sn	45:52.50	-0.17
PKS6	154.2	278	Sn	8:45:53.43	-0.77
CJR	160.4	78	Sn	8:45:55.90	0.33
PKB2	179.8	279	Pn	8:45:38.13	0.61
			Sn	45:59.66	-0.23
PKB3	181.4	271	Sn	8:46:00.21	-0.03
HERR	182.5	158	PnD	8:45:38.25	0.40
			Sn	46:00.30	-0.18
FRGS	196.0	224	Pn	8:45:40.43	0.90
			Sn	46:04.83	1.36
LOT	202.2	122	Sn	8:46:05.40	0.54
PSZ	209.9	323	Pn	8:45:40.68	-0.59
ABAH	211.3	354	Pn	8:45:42.89	1.45

Hypocenter Parameters

MORH 225.2 265 Sn 8:46:11.11 1.16
 PKSM 225.5 264 Sn 8:46:10.71 0.70

1089.

2018-11-06 time: 9:12:21.69 UTC ML= 1.7
 lat: 47.468N lon: 18.490E h= 0.0 km
 erh= 4.4km erz= 5.0km
 nr= 7 gap=185 rms=0.85
 Locality: Bodmér
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	11.3	221	Pg	9:12:24.91	1.20
			Sg	12:25.36	0.07
CSKK	20.9	236	Pg	9:12:25.95	0.53
			Sg	12:27.23	-1.09
PKST	41.5	236	Sg	9:12:34.90	0.01
A338	61.6	350	Sg	9:12:40.82	-0.46
PKSM	140.2	175	Sn	9:13:03.79	-1.53

1090.

2018-11-06 time: 9:34:27.95 UTC ML= 1.7
 lat: 48.605N lon: 20.780E h= 0.0 km
 erh= 1.9km erz= 1.4km
 nr= 11 gap=207 rms=0.60
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.6	238	Pg	9:34:32.96	0.44
			Sg	34:35.77	-0.32
ABAH	48.3	135	Pg	9:34:37.08	0.50
			Sg	34:43.61	0.30
PSZ	100.8	221	Pg	9:34:46.47	0.53
			Sg	34:59.27	-0.71
A336	138.2	253	Pn	9:34:52.59	0.38
			Sn	35:10.37	-0.77
TRPA	140.6	112	Sn	9:35:10.52	-1.16
VYHS	144.1	265	Pn	9:34:53.30	0.36
			Sn	35:11.47	-0.97

1091.

2018-11-06 time: 10:52:19.49 UTC ML= 1.0
 lat: 47.214N lon: 18.301E h= 0.0 km
 erh= 2.2km erz= 590km
 nr= 9 gap=148 rms=0.46
 Locality: Moha
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.9	350	Pg	10:52:22.35	-0.15
			Sg	52:24.17	-0.68
PKST	20.8	284	Pg	10:52:23.23	0.03
			Sg	52:25.92	-0.17
PKSG	20.9	19	Pg	10:52:23.30	0.07
			Sg	52:26.75	0.61
MPLH	57.9	265	Pg	10:52:30.33	0.50
			Sg	52:38.12	0.23
PKSM	114.4	167	Sg	10:52:54.47	-1.39

1092.

2018-11-07 time: 0:02:55.41 UTC ML= 1.8
 lat: 46.083N lon: 21.628E h= 2.3 km
 erh= 1.5km erz= 1.7km
 nr= 29 gap= 73 rms=0.83
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
SIRR	20.7	7	PgC	0:03:00.04	0.92

Földrengés paraméterek

			Sg	03:02.80	0.78
TIM	49.8	219	PgC	0:03:04.66	0.36
			Sg	03:11.50	0.26
BZS	51.8	181	PgU	0:03:05.05	0.38
			Sg	03:11.32	-0.57
SURR	53.1	133	PgC	0:03:05.80	0.90
			Sg	03:11.70	-0.61
AMBH	75.7	293	Pg	0:03:08.67	-0.25
			Sg	03:18.01	-1.45
BANR	86.8	206	Sg	0:03:22.40	-0.59
BORR	112.6	6	Sg	0:03:30.50	-0.71
DRGR	114.7	47	Pg	0:03:15.96	0.08
			Sg	03:29.67	-2.19
GZR	117.8	131	PgC	0:03:16.25	-0.19
			Sg	03:31.10	-1.75
MARR	132.3	60	PnD	0:03:19.06	0.42
			Sn	03:34.70	-2.06
HERR	147.1	155	PnD	0:03:21.17	0.69
			Sn	03:39.80	-0.25
MESR	156.0	40	Sn	0:03:42.10	0.09
CJR	167.0	65	PnC	0:03:24.68	1.72
			Sn	03:45.10	0.65
PKS6	168.9	290	Sn	0:03:43.97	-0.91
FRGS	176.6	233	Sn	0:03:46.05	-0.54
LOT	181.0	113	PnC	0:03:25.58	0.88
			Sn	03:48.10	0.54
PKB3	191.4	281	Sn	0:03:49.80	-0.07
ARCR	236.8	62	Sn	0:04:00.01	0.05

1093.

2018-11-07 time: 9:09:33.79 UTC ML= 1.3
 lat: 47.351N lon: 18.440E h= 0.0 km
 erh= 2.3km erz= 642km
 nr= 9 gap=160 rms=0.50
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	5.8	320	PgU	9:09:35.16	0.33
			Sg	09:35.61	-0.03
CSKK	13.6	276	Pg	9:09:36.59	0.37
			Sg	09:37.73	-0.39
PKST	32.4	252	Pg	9:09:40.02	0.46
			Sg	09:43.65	-0.42
PKSM	127.6	173	Sg	9:10:13.28	-1.07
VYHS	130.5	13	Pg	9:09:57.46	0.38
			Sg	10:14.39	-0.86

1094.

2018-11-07 time: 9:26:21.39 UTC ML= 1.2
 lat: 47.346N lon: 18.444E h= 0.0 km
 erh= 1.9km erz= 4.1km
 nr= 8 gap=160 rms=0.30
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	6.5	322	Pg	9:26:22.50	-0.05
			Sg	26:23.24	-0.22
CSKK	14.0	278	Pg	9:26:23.85	-0.04
			Sg	26:25.72	-0.12
PKST	32.5	253	Pg	9:26:27.64	0.45
			Sg	26:31.62	-0.09
MORH	126.6	173	Sg	9:27:00.79	-0.83
VYHS	131.0	13	Pn	9:26:45.04	0.28

Földrengés paraméterek

Hypocenter Parameters

1095.

2018-11-07 time: 9:51:37.74 UTC ML= 1.7
 lat: 48.564N lon: 20.843E h= 0.0 km
 erh= 2.0km erz= 3.1km
 nr= 11 gap=118 rms=0.61
 Locality: Hidvérgárdó
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	27.9	251	Pg	9:51:43.15	0.44
			Sg	51:46.10	-0.49
ABAH	41.9	135	Pg	9:51:44.60	-0.62
			Sg	51:50.45	-0.60
STHS	99.2	17	ePg	9:51:56.10	0.64
			eSg	52:09.50	0.22
PSZ	100.6	224	Pg	9:51:56.29	0.59
			Sg	52:10.53	0.82
LANS	120.1	303	Pg	9:51:58.69	-0.49
A336	141.4	255	Sn	9:52:21.71	0.07
VYHS	148.4	267	Sn	9:52:21.92	-1.27

1096.

2018-11-07 time: 10:12:53.12 UTC ML= 2.0
 lat: 48.226N lon: 21.254E h= 0.0 km
 erh= 2.5km erz= 498km
 nr= 5 gap=200 rms=0.22
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	7.9	352	PgU	10:12:54.78	0.25
			Sg	12:55.74	0.11
KECS	63.8	297	Pg	10:13:04.29	-0.21
TRPA	96.1	96	Sg	10:13:23.81	0.13
KOLS	108.8	44	Sg	10:13:27.37	-0.34

1097.

2018-11-07 time: 11:42:41.58 UTC ML= 1.9
 lat: 45.505N lon: 17.799E h= 2.6 km
 erh= 8.0km erz= 5.5km
 nr= 8 gap=180 rms=0.85
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	55.4	40	Pg	11:42:52.39	0.90
			Sg	42:58.76	-0.45
BLY	96.9	210	Pg	11:42:58.41	-0.48
PKSM	102.3	40	Pg	11:42:59.99	0.14
			Sg	43:12.48	-1.63
MORH	102.8	40	Pg	11:43:00.13	0.19
PKB4	126.7	30	Pn	11:43:05.34	1.27
FRGS	163.0	105	Sn	11:43:28.45	-1.23

1098.

2018-11-07 time: 11:49:28.67 UTC ML= 1.2
 lat: 47.481N lon: 18.675E h= 0.0 km
 erh= 1.7km erz= 676km
 nr= 14 gap=119 rms=0.57
 Locality: Bicske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	23.6	245	Pg	11:49:32.67	-0.22
			Sg	49:36.65	0.47
BUD	26.3	89	Pg	11:49:34.83	1.46
			Sg	49:36.78	-0.26
CSKK	33.9	247	Pg	11:49:34.35	-0.37
			Sg	49:39.73	0.29
PKST	54.3	243	Pg	11:49:38.12	-0.25

			Sg	49:46.22	0.29
A336	87.1	16	Sg	11:49:56.01	-0.33
PKB5	98.6	177	Sg	11:49:59.46	-0.56
PSZ	103.7	62	Pg	11:49:47.38	0.20
			Sg	50:00.21	-1.41
VYHS	113.3	6	Pg	11:49:49.44	0.55
			Sg	50:04.40	-0.27

1099.

2018-11-07 time: 12:27:15.67 UTC ML= 1.3
 lat: 47.559N lon: 18.528E h= 0.0 km
 erh= 4.1km erz= 536km
 nr= 8 gap=197 rms=0.38
 Locality: Nagygyháza
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	21.3	209	Pg	12:27:19.72	0.25
			Sg	27:22.40	-0.03
CSKK	29.7	223	Pg	12:27:20.89	-0.08
			Sg	27:24.78	-0.32
PKST	50.0	228	Pg	12:27:24.66	0.06
			Sg	27:30.53	-1.03
MPLH	86.3	240	Sg	12:27:43.80	0.71
VYHS	106.5	12	Sg	12:27:49.55	0.04

1100.

2018-11-07 time: 18:12:05.57 UTC ML= 0.3
 lat: 47.397N lon: 18.208E h= 0.4 km
 erh= 2.0km erz=22.1km
 nr= 6 gap=232 rms=0.06
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	5.4	134	Pg	18:12:06.64	0.10
			Sg	12:07.28	-0.01
PKSG	13.8	92	Pg	18:12:08.04	0.01
			Sg	12:09.85	-0.09
PKST	20.2	221	Pg	18:12:09.15	-0.03
			Sg	12:11.96	-0.03

1101.

2018-11-07 time: 20:46:51.90 UTC ML= 1.4
 lat: 47.348N lon: 18.271E h= 10.8 km
 erh= 1.9km erz= 1.3km
 nr= 11 gap=105 rms=0.38
 Locality: Csókakő
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	1.8	334	Pg	20:46:53.65	-0.20
			Sg	46:54.32	-1.05
PKSG	10.3	62	Pg	20:46:55.00	0.45
			Sg	46:56.86	0.24
PKST	20.5	241	Pg	20:46:56.06	0.03
			Sg	46:59.20	-0.05
MPLH	58.8	250	Pg	20:47:03.18	0.61
EGYH	71.3	276	Sg	20:47:14.88	0.05
A338	74.4	5	Pg	20:47:05.08	-0.24
MORH	129.1	167	Sn	20:47:30.29	-0.33
PKSM	129.5	167	Sn	20:47:30.41	-0.29

1102.

2018-11-08 time: 8:07:38.50 UTC ML= 1.2
 lat: 47.109N lon: 18.085E h= 0.0 km
 erh= 3.8km erz= 613km
 nr= 8 gap=190 rms=0.44
 Locality: Vilonya
 Comments: probably explosion

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
PKST	17.2	347	Pg	8:07:41.18	-0.39
			Sg	07:43.95	-0.01
CSKK	31.3	25	Pg	8:07:44.36	0.27
			Sg	07:48.48	0.03
MORH	108.1	157	Pg	8:07:58.31	0.51
			Sg	08:12.37	-0.48
PKSM	108.4	157	Pg	8:07:58.28	0.42
			Sg	08:12.02	-0.94

1103.

2018-11-08 time: 8:48:26.12 UTC ML= 1.8
 lat: 48.180N lon: 21.309E h= 0.0 km
 erh= 4.8km erz= ***km
 nr= 8 gap=161 rms=0.94
 Locality: Bodrogkisfalud
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	13.9	338	Pg	8:48:29.26	0.66
			Sg	48:30.24	-0.30
KECS	69.8	299	Pg	8:48:38.24	-0.34
TRPA	91.7	93	Sg	8:48:52.92	-2.34
PSZ	109.4	255	Pg	8:48:46.28	0.62
			Sg	49:00.12	-0.79
KOLS	109.9	40	Pg	8:48:47.04	1.30
			Sg	49:00.47	-0.58

1104.

2018-11-08 time: 10:34:07.10 UTC ML= 0.7
 lat: 46.188N lon: 18.277E h= 0.0 km
 erh= 1.6km erz= 273km
 nr= 7 gap=213 rms=0.20
 Locality: Komló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.6	231	Pg	10:34:10.23	-0.02
			Sg	34:13.07	0.36
PKSM	28.2	85	Pg	10:34:12.11	-0.03
			Sg	34:16.38	0.30
MORH	28.5	84	Pg	10:34:12.06	-0.13
			Sg	34:16.13	-0.03
PKSV	33.4	183	Sg	10:34:17.40	-0.31

1105.

2018-11-08 time: 11:41:10.40 UTC ML= 1.3
 lat: 48.309N lon: 19.811E h= 0.0 km
 erh= 3.1km erz= ***km
 nr= 8 gap=114 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	43.8	172	Pg	11:41:18.34	0.12
			Sg	41:24.30	-0.03
KECS	53.6	69	Pg	11:41:19.68	-0.29
			Sg	41:29.44	2.01
VYHS	75.1	286	Pg	11:41:23.75	-0.05
			Sg	41:34.88	0.62
ABAH	106.0	91	Sg	11:41:43.60	-0.48
NIE	128.8	17	Sg	11:41:49.61	-1.74

1106.

2018-11-08 time: 11:53:41.73 UTC ML= 0.7
 lat: 47.225N lon: 18.275E h= 0.0 km
 erh= 2.3km erz= 319km
 nr= 6 gap=257 rms=0.18
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	15.4	356	Pg	11:53:44.65	0.16
			Sg	53:46.55	-0.09
PKST	18.6	282	Pg	11:53:44.81	-0.25
PKSG	20.5	25	Sg	53:47.83	0.17
			Pg	11:53:45.56	0.16
			Sg	53:48.04	-0.21

1107.

2018-11-08 time: 13:11:36.19 UTC ML= 2.2
 lat: 48.215N lon: 21.209E h= 0.0 km
 erh= 3.0km erz= 6.2km
 nr= 12 gap=156 rms=1.03
 Locality: Rátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	9.3	14	Pg	13:11:37.74	-0.11
			Sg	11:38.49	-0.65
KECS	61.4	299	Pg	13:11:47.48	0.33
			Sg	11:54.76	-0.94
TRPA	99.4	95	Pg	13:11:54.21	0.28
			Sg	12:06.51	-1.26
PSZ	103.4	251	Pg	13:11:55.71	1.05
			Sg	12:08.07	-0.99
KOLS	112.0	45	Pg	13:11:56.34	0.15
			Sg	12:10.45	-1.34
STHS	133.7	1	ePn	13:12:03.00	3.11
			eSn	12:19.60	1.23

1108.

2018-11-08 time: 14:28:44.09 UTC ML= 2.3
 lat: 48.523N lon: 22.989E h= 10.0 km
 erh= 4.3km erz= 2.7km
 nr= 16 gap=196 rms=0.90
 Locality: Ukraine
 Comments:

sta	dist	azm	phase	hr mn sec	res
TRPA	55.0	217	Pg	14:28:53.91	-0.16
			Sg	29:01.65	-0.20
KOLS	69.7	311	Pg	14:28:55.58	-1.08
			Sg	29:06.76	0.30
KWP	124.9	351	Pn	14:29:06.27	0.84
			Sn	29:19.74	-2.33
ABAH	132.0	259	Pn	14:29:06.22	-0.08
			Sn	29:21.97	-1.65
STHS	161.9	308	ePn	14:29:09.10	-0.93
			eSn	29:33.00	2.74
KECS	185.1	269	Pn	14:29:14.20	1.28
			Sn	29:35.66	0.25
DRGR	193.6	186	Pn	14:29:14.76	0.77
			Sn	29:37.45	0.14
NIE	219.8	297	Pn	14:29:17.68	0.43
			Sn	29:43.49	0.37

Földrengés paraméterek

Hypocenter Parameters

1109.

2018-11-09 time: 8:55:21.30 UTC ML= 1.9
 lat: 47.798N lon: 19.883E h= 0.0 km
 erh= 3.2km erz= 2.6km
 nr= 12 gap=185 rms=0.75
 Locality: Gyöngyöstarján
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	13.4	4	Pg	8:55:24.47	0.78
			Sg	55:25.74	0.19
PENC	45.1	269	Pg	8:55:30.26	0.91
			Sg	55:36.23	0.60
A336	81.8	306	Sg	8:55:46.56	-0.74
KECS	88.4	30	Sg	8:55:48.72	-0.67
ABAH	115.3	61	Sg	8:55:56.51	-1.43
PKSG	121.0	248	Sg	8:55:59.08	-0.68
CSKK	131.3	248	Sn	8:56:02.00	-0.96
PKST	151.6	247	Sn	8:56:07.66	0.20
LANS	153.5	348	eSn	8:56:08.10	0.22
NIE	183.0	10	Sn	8:56:15.03	0.60

1110.

2018-11-09 time: 9:46:40.77 UTC ML= 1.5
 lat: 47.867N lon: 19.138E h= 0.0 km
 erh= 1.8km erz= 748km
 nr= 11 gap=115 rms=0.60
 Locality: Nótincs
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	13.8	128	Pg	9:46:42.82	-0.41
			Sg	46:45.08	-0.06
A336	42.0	346	Pg	9:46:48.45	0.18
			Sg	46:53.92	-0.20
PSZ	56.9	84	Pg	9:46:51.56	0.63
			Sg	46:59.19	0.33
PKSG	77.1	227	Sg	9:47:04.51	-0.76
CSKK	86.5	230	Sg	9:47:09.79	1.52
PKST	107.1	231	Sg	9:47:14.10	-0.70
KECS	121.4	56	ePg	9:47:02.50	0.04
			eSg	47:17.60	-1.77

1111.

2018-11-09 time: 10:51:02.72 UTC ML= 1.6
 lat: 48.589N lon: 20.727E h= 0.0 km
 erh= 2.4km erz= 3.6km
 nr= 15 gap= 89 rms=0.82
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	21.4	237	Pg	10:51:07.52	0.99
			Sg	51:09.99	0.48
ABAH	50.0	131	Pg	10:51:11.39	-0.26
			Sg	51:17.67	-0.95
PSZ	96.9	220	Pg	10:51:20.59	0.57
			Sg	51:31.91	-1.60
NIE	97.1	342	Pg	10:51:19.66	-0.40
STHS	99.5	22	ePg	10:51:20.70	0.21
			eSg	51:32.90	-1.45
LANS	111.5	304	Pg	10:51:22.72	0.09
KOLS	120.0	71	ePg	10:51:25.70	1.56
			eSg	51:40.00	-0.85
A336	133.9	253	Sn	10:51:44.05	-0.91
VYHS	140.0	266	Pn	10:51:27.72	0.51
			Sn	51:45.49	-0.82

1112.

2018-11-09 time: 20:03:14.59 UTC ML= 2.1
 lat: 48.056N lon: 22.484E h= 2.3 km
 erh= 3.0km erz= 3.1km
 nr= 14 gap=101 rms=0.80
 Locality: Kisar
 Comments:

sta	dist	azm	phase	hr mn sec	res
TRPA	9.2	26	Pg	20:03:16.23	-0.07
			Sg	03:17.38	-0.24
ABAH	96.3	286	Pg	20:03:31.54	-0.26
			Sg	03:44.42	-0.81
KOLS	98.8	351	Pg	20:03:32.92	0.68
			Sg	03:45.22	-0.79
DRGR	141.6	173	Pn	20:03:38.82	-0.17
			Sn	03:56.32	-1.69
KECS	155.8	288	Pn	20:03:41.43	0.67
			Sn	04:00.16	-1.01
STHS	176.7	329	Sn	20:04:06.69	0.88
ARCR	177.3	127	Sn	20:04:06.34	0.41
PSZ	193.9	265	Pn	20:03:47.11	1.60
			Sn	04:11.31	1.68

1113.

2018-11-10 time: 9:31:21.78 UTC ML= 1.4
 lat: 47.536N lon: 18.568E h= 0.0 km
 erh= 6.5km erz= 554km
 nr= 9 gap=197 rms=0.47
 Locality: Nagyegyháza
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	20.9	220	Pg	9:31:25.76	0.25
			Sg	31:28.62	0.21
CSKK	30.1	230	Pg	9:31:27.02	-0.14
			Sg	31:31.26	-0.09
PKST	50.7	233	Pg	9:31:31.03	0.20
			Sg	31:37.11	-0.78
A336	84.0	23	Sg	9:31:47.83	-0.64
VYHS	108.4	11	Pg	9:31:42.03	0.89
			Sg	31:55.84	-0.39

1114.

2018-11-10 time: 22:51:06.74 UTC ML= 2.0
 lat: 45.779N lon: 17.706E h= 7.0 km
 erh= 2.6km erz= 2.0km
 nr= 30 gap=126 rms=0.89
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSV	44.2	74	Pg	22:51:15.71	0.99
			Sg	51:20.78	-0.17
KOVH	46.0	42	Pg	22:51:15.55	0.50
			Sg	51:21.27	-0.26
PKSM	87.0	56	Pg	22:51:22.25	-0.07
			Sg	51:32.96	-1.52
MORH	87.4	56	Pg	22:51:22.31	-0.09
			Sg	51:32.96	-1.65
PKS9	100.1	26	Pg	22:51:24.99	0.33
			Sg	51:37.46	-1.18
BEHE	105.2	317	Sg	22:51:38.85	-1.41
PKB4	105.7	41	Pg	22:51:26.89	1.24
PKB5	120.6	41	Pn	22:51:28.52	0.61
			Sn	51:43.35	-1.08
BLY	121.6	200	Sn	22:51:43.13	-1.52
TIH	125.4	7	Pn	22:51:29.07	0.56
ZAG	133.2	272	Sn	22:51:46.71	-0.51
KOGS	134.9	303	Pn	22:51:30.52	0.83
			Sn	51:46.51	-1.08
PKB3	135.6	58	Sn	22:51:47.87	0.11

Hypocenter Parameters

PTJ	136.5	276	Pn	22:51:30.55	0.66
			Sn	51:46.02	-1.92
PKB1	139.6	37	Sn	22:51:49.09	0.44
MPLH	155.2	355	Sn	22:51:52.70	0.61
PKST	166.4	9	Pn	22:51:33.04	-0.58
			Sn	51:55.25	0.66
PKS6	170.0	58	Pn	22:51:35.09	1.02
CRES	174.9	272	Pn	22:51:34.35	-0.33
			Sn	51:57.25	0.77
EGYH	184.3	351	Sn	22:52:00.14	1.57

1115.

2018-11-11 time: 12:43:41.10 UTC ML= 2.2
 lat: 45.864N lon: 17.303E h= 0.4 km
 erh= 2.2km erz= 2.5km
 nr= 38 gap= 96 rms=1.17
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
A264	32.8	358	Pg	12:43:47.40	0.43
			Sg	43:51.73	0.19
KOVH	66.5	68	Pg	12:43:53.80	0.81
			Sg	44:01.90	-0.35
A265	72.9	31	Pg	12:43:54.51	0.38
			Sg	44:03.72	-0.57
PKSV	73.7	88	Pg	12:43:54.97	0.71
			Sg	44:03.76	-0.77
BEHE	78.7	329	Pg	12:43:56.51	1.35
			Sg	44:05.75	-0.38
A263	86.3	1	Pg	12:43:56.82	0.31
KOGS	104.1	309	Pg	12:44:01.05	1.36
			Sg	44:11.36	-2.82
PTJ	104.5	272	Pg	12:43:59.13	-0.64
			Sg	44:11.74	-2.59
PKS9	110.1	43	Pg	12:44:01.51	0.75
			Sg	44:15.50	-0.59
PKSM	110.5	70	Pg	12:44:00.18	-0.66
			Sg	44:13.79	-2.45
MORH	110.9	69	Pg	12:44:00.31	-0.59
			Sg	44:13.87	-2.48
PKB4	122.5	55	Pg	12:44:03.94	0.96
			Sg	44:18.58	-1.47
BLY	124.3	184	Pg	12:44:04.35	1.05
			Sg	44:19.88	-0.74
PKB5	137.1	54	Pn	12:44:05.76	0.57
			Sn	44:22.78	-1.19
CRES	143.5	268	Pn	12:44:06.47	0.49
			Sn	44:24.14	-1.25
PKB1	153.6	48	Sn	12:44:27.45	-0.18
PKB3	158.8	67	Pn	12:44:09.56	1.67
			Sn	44:29.68	0.89
EGYH	172.6	1	Sn	12:44:32.97	1.12
PKSG	189.1	26	Sn	12:44:36.34	0.83
SOKA	197.0	297	Pn	12:44:13.69	1.03
ARSA	205.9	318	Pn	12:44:16.08	2.32
RONA	218.0	339	Pn	12:44:12.10	-3.18
CONA	254.4	334	Pn	12:44:16.50	-3.31
MOA	319.9	314	Pn	12:44:26.38	-1.60*

1116.

2018-11-11 time: 13:43:50.74 UTC ML= 0.7
 lat: 47.346N lon: 18.240E h= 4.1 km
 erh= 5.4km erz= 2.3km
 nr= 6 gap=172 rms=0.12
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	2.5	39	PgD	13:43:51.62	0.02
			Sg	43:52.12	-0.15
PKSG	12.5	66	Pg	13:43:53.13	0.04
			Sg	43:55.07	0.15

Földrengés paraméterek

PKST	18.3	238	PgD	13:43:53.92	-0.16
			Sg	43:56.82	0.13

1117.

2018-11-11 time: 13:58:20.40 UTC ML= 0.0
 lat: 47.380N lon: 18.209E h= 0.8 km
 erh= 7.6km erz=26.3km
 nr= 5 gap=220 rms=0.10
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	4.3	115	Pg	13:58:21.04	-0.13
			Sg	58:21.79	0.01
PKSG	13.8	84	Pg	13:58:22.98	0.12
			Sg	58:24.72	-0.06
PKST	18.8	225	Sg	13:58:26.46	0.07

1118.

2018-11-12 time: 4:05:14.81 UTC ML= 0.2
 lat: 47.349N lon: 18.229E h= 2.9 km
 erh= 2.5km erz= 0.9km
 nr= 5 gap=182 rms=0.03
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	2.8	57	Pg	4:05:15.50	-0.03
			Sg	05:16.11	0.02
PKSG	13.1	69	Pg	4:05:17.24	0.04
			Sg	05:19.03	-0.04
PKST	17.8	236	Sg	4:05:20.55	0.01

1119.

2018-11-12 time: 7:41:15.25 UTC ML= 1.2
 lat: 47.329N lon: 18.416E h= 0.0 km
 erh= 2.3km erz= 4.1km
 nr= 11 gap=158 rms=0.57
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.2	345	Pg	7:41:16.72	0.19
			Sg	41:17.28	-0.25
CSKK	12.3	288	Pg	7:41:17.45	0.00
			Sg	41:18.47	-0.69
PKST	29.9	255	Pg	7:41:21.44	0.85
			Sg	41:24.98	0.23
MORH	125.0	172	Sg	7:41:54.43	-0.56
PKSM	125.4	172	Pg	7:41:38.40	0.75
			Sg	41:54.28	-0.84
VYHS	133.2	14	Pn	7:41:39.07	0.17
			Sn	41:56.29	-1.05

1120.

2018-11-12 time: 10:22:33.85 UTC ML= 1.5
 lat: 48.612N lon: 20.739E h= 0.0 km
 erh= 1.5km erz= 3.0km
 nr= 12 gap= 86 rms=0.50
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.6	233	Pg	10:22:38.51	0.45
			Sg	22:41.17	-0.17
ABAH	51.0	134	Pg	10:22:43.28	0.32
			Sg	22:49.51	-0.56
STHS	96.8	22	ePg	10:22:51.60	0.47
			eSg	23:03.60	-1.01
PSZ	99.4	219	Sg	10:23:05.02	-0.43

Földrengés paraméterek

Hypocenter Parameters

LANS 110.8 303 Pg 10:22:53.37 -0.27
 Sg 23:08.64 -0.43
 KOLS 118.3 72 eSg 10:23:11.30 -0.14
 VYHS 141.1 265 Pn 10:22:59.55 1.07
 Sn 23:17.22 -0.47

1121.

2018-11-12 time: 10:51:14.57 UTC ML= 1.4
 lat: 47.339N lon: 17.626E h= 0.0 km
 erh= 0.6km erz= 0.5km
 nr= 10 gap= 99 rms=0.69
 Locality: Béb
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	19.9	199	Pg	10:51:19.11	0.99
			Sg	51:21.45	0.55
PKST	32.1	106	Pg	10:51:20.82	0.52
			Sg	51:25.28	0.51
CSKK	48.0	87	Sg	10:51:30.20	0.38
KOVH	143.7	165	Sn	10:51:58.35	-0.63
MORH	147.1	148	Sn	10:51:58.85	-0.88
PKSM	147.4	148	Sn	10:51:58.95	-0.84
CONA	147.9	296	Sn	10:51:59.20	-0.72
VYHS	157.0	35	Sn	10:52:01.31	-0.63

1122.

2018-11-12 time: 11:02:38.05 UTC ML= 1.5
 lat: 46.104N lon: 18.017E h= 0.0 km
 erh= 3.0km erz= 497km
 nr= 9 gap=275 rms=0.38
 Locality: Bükkösd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	6.7	105	Pg	11:02:39.55	0.32
			Sg	02:40.73	0.57
PKSM	49.7	76	Pg	11:02:46.78	-0.14
			Sg	02:53.41	-0.43
MORH	50.0	76	Pg	11:02:46.66	-0.32
			Sg	02:53.61	-0.33
PKS9	57.3	21	Sg	11:02:56.42	0.15
PKB5	77.7	45	Sg	11:03:03.43	0.69
PKB1	96.2	38	Sg	11:03:08.32	-0.32

1123.

2018-11-12 time: 11:05:09.09 UTC ML= 1.1
 lat: 47.082N lon: 17.854E h= 0.0 km
 erh= 1.6km erz= 581km
 nr= 10 gap=122 rms=0.45
 Locality: Nemesvámos
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	23.9	35	Pg	11:05:12.62	-0.74
			Sg	05:16.29	-0.40
MPLH	25.8	292	Sg	11:05:17.24	-0.05
CSKK	43.8	45	Pg	11:05:17.54	0.62
			Sg	05:22.92	-0.10
PKSG	53.2	50	Pg	11:05:19.28	0.69
			Sg	05:25.95	-0.06
KOVH	112.1	170	Sg	11:05:44.71	0.00
MORH	113.7	148	Sg	11:05:44.91	-0.32
PKSM	114.0	148	Sg	11:05:45.41	0.09

1124.

2018-11-12 time: 13:34:32.93 UTC ML= 1.9
 lat: 48.572N lon: 17.493E h= 0.0 km
 erh= 0.8km erz= 1.4km
 nr= 11 gap=108 rms=0.31
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	8.1	216	Pg	13:34:34.48	0.11
			Sg	34:35.68	0.18
KRUC	97.3	304	Sg	13:35:03.95	0.09
VYHS	99.6	95	Pg	13:34:51.12	0.41
			Sg	35:04.28	-0.30
VRAC	105.1	321	Pg	13:34:52.02	0.32
			Sg	35:06.08	-0.26
A336	117.7	109	Sg	13:35:10.15	-0.20
MORC	134.0	2	Sn	13:35:14.94	-0.26
CONA	140.7	239	Pn	13:34:57.17	-0.35
			Sn	35:14.86	-1.83

1125.

2018-11-13 time: 8:51:54.91 UTC ML= 1.3
 lat: 47.831N lon: 19.095E h= 0.0 km
 erh= 2.8km erz= 823km
 nr= 6 gap=123 rms=0.48
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	14.7	108	Pg	8:51:57.98	0.44
			Sg	51:59.68	0.10
PSZ	60.6	81	Pg	8:52:06.07	0.33
			Sg	52:13.06	-1.12
VYHS	76.2	345	Sg	8:52:19.11	-0.04
CSKK	81.5	230	Sg	8:52:20.42	-0.39

1126.

2018-11-13 time: 9:32:22.84 UTC ML= 1.8
 lat: 48.522N lon: 17.430E h= 0.0 km
 erh= 1.8km erz= 2.2km
 nr= 15 gap= 88 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	0.9	184	Sg	9:32:23.40	0.28
MODS	20.0	214	ePg	9:32:26.20	-0.20
			eSg	32:29.70	0.52
A338	88.7	129	Pg	9:32:40.44	1.76
KRUC	96.9	308	Pg	9:32:39.95	-0.19
			Sg	32:53.26	-0.37
VYHS	104.0	92	Sg	9:32:55.53	-0.36
VRAC	106.8	325	Pg	9:32:42.44	0.53
			Sg	32:57.61	0.83
RONA	124.4	223	Pg	9:32:45.33	0.28
			Sg	33:01.34	-1.04
CONA	133.9	240	Pn	9:32:46.29	-0.28
			Sn	33:04.84	-0.23
MORC	139.8	3	Sn	9:33:04.45	-1.94
PKST	147.5	162	Sn	9:33:07.81	-0.29

1127.

2018-11-13 time: 9:42:22.94 UTC ML= 1.6
 lat: 46.736N lon: 22.023E h= 10.0 km
 erh= 2.7km erz= 0.9km
 nr= 5 gap=244 rms=1.29
 Locality: Romania
 Comments:

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
DRGR	53.0	83	Pg	9:42:32.30	-0.26
			Sg	42:38.23	-1.84
BZS	128.3	194	Pn	9:42:45.26	0.57
			Sn	43:00.82	-0.85
ARCR	181.8	78	Sn	9:43:15.99	2.46

1128.

2018-11-13 time: 10:01:57.77 UTC ML= 0.9
 lat: 47.195N lon: 18.284E h= 0.0 km
 erh= 0.7km erz=93.7km
 nr= 6 gap=270 rms=0.06
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	18.7	355	Pg	10:02:01.16	0.05
			Sg	02:03.64	-0.08
PKST	20.2	290	Pg	10:02:01.30	-0.07
			Sg	02:04.22	0.04
PKSG	23.3	20	Pg	10:02:01.99	0.07
			Sg	02:05.14	-0.02

1129.

2018-11-13 time: 18:47:33.87 UTC ML= 1.8
 lat: 45.677N lon: 16.156E h= 15.2 km
 erh= 3.3km erz= 2.0km
 nr= 17 gap=145 rms=0.76
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
ZAG	21.1	323	Pg	18:47:38.51	-0.01
			Sg	47:42.77	0.63
PTJ	29.2	328	Pg	18:47:39.31	-0.44
			Sg	47:42.77	-1.57
CREG	56.9	287	Pg	18:47:44.54	0.16
			Sg	47:52.48	-0.10
KOGS	86.1	5	P*	18:47:49.90	0.62
			S*	48:01.35	0.05
GROS	100.8	330	Pn	18:47:52.41	0.89
			Sn	48:04.58	-0.71
BLY	131.0	142	Pn	18:47:54.94	-0.35
			Sn	48:10.55	-1.44
PERS	133.4	323	Sn	18:48:12.61	0.07
KOVH	157.7	73	Pn	18:47:59.86	1.24
			Sn	48:15.27	-2.65
PKSV	164.7	82	Pn	18:48:00.35	0.85
			Sn	48:18.95	-0.53

1130.

2018-11-13 time: 21:12:09.18 UTC ML= 0.1
 lat: 47.264N lon: 18.191E h= 6.4 km
 erh= 4.6km erz= 5.2km
 nr= 6 gap=220 rms=0.17
 Locality: Isztimér
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKST	11.9	267	Pg	21:12:11.63	0.04
			Sg	12:13.55	0.09
CSKK	12.2	26	Pg	21:12:11.54	-0.09
			Sg	12:13.21	-0.34
PKSG	20.7	47	Pg	21:12:13.04	-0.01
			Sg	12:16.39	0.32

1131.

2018-11-14 time: 9:36:04.73 UTC ML= 1.1
 lat: 47.096N lon: 18.030E h= 0.0 km
 erh= 3.2km erz= 897km
 nr= 7 gap=147 rms=0.63
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.2	1	Pg	9:36:07.62	-0.35
			Sg	36:09.53	-0.97
CSKK	34.5	30	Pg	9:36:11.19	0.30
			Sg	36:16.21	0.52
MPLH	38.1	283	Pg	9:36:12.26	0.73
			Sg	36:17.14	0.30
KOVH	112.1	177	Sg	9:36:39.29	-1.07

1132.

2018-11-14 time: 9:40:29.41 UTC ML= 1.6
 lat: 47.336N lon: 18.437E h= 0.0 km
 erh= 1.5km erz= 3.7km
 nr= 9 gap=160 rms=0.38
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.1	331	PgU	9:40:30.79	0.11
			Sg	40:31.17	-0.49
CSKK	13.6	283	Pg	9:40:32.12	0.28
			Sg	40:33.91	0.17
PKST	31.6	254	Pg	9:40:35.45	0.40
			Sg	40:39.01	-0.44
MORH	125.5	173	Sg	9:41:09.26	-0.05
PKSM	126.0	173	Sg	9:41:09.50	0.05
VYHS	132.2	13	Sn	9:41:09.91	-1.35

1133.

2018-11-14 time: 10:18:45.59 UTC ML= 2.1
 lat: 48.851N lon: 20.480E h= 0.0 km
 erh= 2.4km erz= 3.2km
 nr= 18 gap= 97 rms=0.89
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	40.9	179	Pg	10:18:53.38	0.49
			Sg	18:58.48	-0.11
NIE	64.3	349	Pg	10:18:58.20	1.12
			Sg	19:04.64	-1.40
LANS	81.2	294	ePg	10:19:00.20	0.10
ABAH	83.3	138	Pg	10:19:00.30	-0.18
			Sg	19:12.21	0.12
PSZ	112.4	203	Pg	10:19:06.70	1.04
			Sg	19:20.50	-0.82
VYHS	127.4	252	Pg	10:19:08.27	-0.08
			Sg	19:22.57	-3.53
A336	129.2	238	Pg	10:19:09.62	0.96
			Sg	19:24.86	-1.79
KOLS	131.8	86	Pn	10:19:08.40	-0.66
			Sn	19:25.92	-1.45
PENC	147.7	217	Sn	10:19:31.21	0.33
OJC	160.0	342	Pn	10:19:13.76	1.18
			Sn	19:33.30	-0.33

Földrengés paraméterek

Hypocenter Parameters

1134.

 2018-11-14 time: 10:34:48.23 UTC ML= 1.6
 lat: 48.581N lon: 20.728E h= 0.0 km
 erh= 2.3km erz= 6.7km
 nr= 11 gap=108 rms=0.71
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	20.9	239	Pg	10:34:52.60	0.63
			Sg	34:55.10	0.22
ABAH	49.3	130	Pg	10:34:57.42	0.38
			Sg	35:03.06	-0.85
PSZ	96.2	220	Pg	10:35:04.55	-0.86
			Sg	35:18.26	-0.55
STHS	100.3	22	ePg	10:35:07.00	0.85
			eSg	35:18.90	-1.22
LANS	112.1	304	Pg	10:35:08.29	0.04
			Sg	35:22.83	-1.03
VYHS	140.1	266	ePn	10:35:13.60	0.88

1135.

 2018-11-14 time: 10:47:24.97 UTC ML= 1.0
 lat: 47.189N lon: 18.307E h= 0.0 km
 erh= 2.2km erz= 795km
 nr= 9 gap=151 rms=0.60
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	19.7	350	Sg	10:47:30.36	-0.88
PKST	22.1	291	Pg	10:47:29.18	0.27
			Sg	47:31.63	-0.36
PKSG	23.5	16	Pg	10:47:29.42	0.26
			Sg	47:32.75	0.32
MPLH	58.2	268	Pg	10:47:36.42	1.05
			Sg	47:42.93	-0.54
MORH	111.2	167	Sg	10:47:59.44	-0.88
PKSM	111.6	167	Sg	10:48:00.41	-0.03

1136.

 2018-11-14 time: 21:49:26.00 UTC ML= 0.0
 lat: 47.274N lon: 18.187E h= 5.0 km
 erh= 1.3km erz= 1.7km
 nr= 5 gap=212 rms=0.01
 Locality: Isztimér
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	11.4	29	Pg	21:49:28.20	-0.02
			Sg	49:29.95	0.00
PKST	11.7	262	Pg	21:49:28.28	0.01
			Sg	49:30.03	0.00
PKSG	20.2	50	Pg	21:49:29.73	0.01

1137.

 2018-11-15 time: 8:32:59.09 UTC ML= 1.3
 lat: 47.104N lon: 18.025E h= 0.0 km
 erh= 1.2km erz= 452km
 nr= 12 gap=123 rms=0.37
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.3	2	Pg	8:33:01.86	-0.32
			Sg	33:03.98	-0.60
CSKK	33.9	32	Pg	8:33:05.43	0.28
			Sg	33:10.17	0.30
MPLH	37.5	281	Pg	8:33:06.19	0.39
			Sg	33:10.69	-0.34

MORH	109.5	154	Pg	8:33:18.97	0.33
			Sg	33:33.44	-0.45
PKSM	109.8	155	Pg	8:33:18.97	0.27
			Sg	33:33.34	-0.65
KOVH	113.0	177	Pg	8:33:19.52	0.25
			Sg	33:34.82	-0.19

1138.

 2018-11-15 time: 9:43:31.88 UTC ML= 1.0
 lat: 45.891N lon: 18.412E h= 0.0 km
 erh= 2.8km erz= 450km
 nr= 7 gap=242 rms=0.30
 Locality: Villánykövesd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	12.4	269	Pg	9:43:33.73	-0.36
			Sg	43:35.80	-0.01
KOVH	32.6	312	Pg	9:43:37.79	0.08
			Sg	43:42.28	0.02
PKSM	39.9	26	Pg	9:43:39.30	0.30
			Sg	43:43.92	-0.64
MORH	40.4	26	Pg	9:43:39.40	0.31

1139.

 2018-11-15 time: 9:55:52.03 UTC ML= 1.5
 lat: 46.282N lon: 21.898E h= 0.0 km
 erh= 1.8km erz= 4.0km
 nr= 15 gap= 95 rms=0.77
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SIRR	18.5	265	PgD	9:55:55.54	0.22
			Sg	55:58.10	0.20
SURR	61.2	163	PgC	9:56:03.98	1.02
			Sg	56:11.00	-0.49
BZS	77.1	196	Pg	9:56:06.76	0.97
			Sg	56:15.70	-0.83
DRGR	84.3	48	Pg	9:56:07.62	0.55
			Sg	56:17.87	-0.94
MARR	103.5	65	PgC	9:56:10.69	0.19
			Sg	56:24.10	-0.81
GZR	120.0	145	PgC	9:56:14.31	0.85
			Sg	56:29.30	-0.88
LTVH	122.6	0	Sg	9:56:30.32	-0.68
MDVR	167.4	185	Sn	9:56:40.50	-1.19
FRGS	206.6	232	Sn	9:56:48.47	-1.93

1140.

 2018-11-15 time: 10:20:03.70 UTC ML= 1.4
 lat: 48.588N lon: 20.747E h= 0.0 km
 erh= 1.6km erz= 2.9km
 nr= 13 gap= 89 rms=0.52
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.5	239	Pg	10:20:08.24	0.52
			Sg	20:10.71	-0.15
ABAH	48.8	132	Pg	10:20:12.43	0.02
			Sg	20:18.33	-0.87
PSZ	97.7	220	Pg	10:20:21.46	0.31
			Sg	20:34.79	0.03
STHS	99.1	22	ePg	10:20:21.80	0.41
			eSg	20:33.40	-1.80
LANS	112.8	304	Pg	10:20:23.95	0.11
			Sg	20:38.08	-1.48
KOLS	118.6	71	Sg	10:20:41.44	0.05
VYHS	141.5	266	Pn	10:20:28.77	0.40
			Sn	20:47.05	-0.57

Hypocenter Parameters

Földrengés paraméterek

1141.

2018-11-15 time: 11:09:38.23 UTC ML= 1.5
 lat: 46.043N lon: 17.980E h= 0.0 km
 erh= 4.1km erz= 8.0km
 nr= 13 gap=216 rms=0.96
 Locality: Szentlőrinc
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	10.5	61	PgU	11:09:41.21	1.10
			Sg	09:42.56	0.98
PKSV	27.2	129	Sg	11:09:45.65	-1.22
PKSM	54.4	70	Pg	11:09:48.55	0.60
			Sg	09:54.71	-0.83
MORH	54.8	69	Pg	11:09:48.69	0.67
			Sg	09:54.74	-0.91
PKS9	64.7	21	Pg	11:09:50.80	1.01
			Sg	09:57.96	-0.84
PKB4	69.7	44	Sg	11:10:00.04	-0.33
PKB5	84.6	43	Sg	11:10:05.10	-0.01
MPLH	129.8	345	Sg	11:10:18.53	-0.95
PKST	135.3	2	Sn	11:10:17.91	-2.86

1142.

2018-11-15 time: 22:45:20.83 UTC ML= 1.3
 lat: 45.954N lon: 16.032E h= 1.6 km
 erh= 1.9km erz= 3.1km
 nr= 7 gap=139 rms=0.31
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	8.3	224	Pg	22:45:22.09	-0.25
			Sg	45:23.16	-0.37
CRES	46.9	252	Pg	22:45:29.77	0.56
			Sg	45:35.90	0.16
KOGS	57.4	17	Sg	22:45:39.12	0.04
PERS	103.5	317	Sg	22:45:53.73	-0.01
KOVH	160.8	85	Sn	22:46:08.39	-0.29

1143.

2018-11-16 time: 8:40:53.91 UTC ML= 1.7
 lat: 48.669N lon: 18.628E h= 0.0 km
 erh= 4.1km erz= 4.4km
 nr= 15 gap= 89 rms=1.25
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	24.8	142	Pg	8:40:59.09	0.76
			Sg	41:02.11	0.33
A336	55.7	150	Pg	8:41:05.60	1.75
			Sg	41:11.42	-0.18
MODS	105.0	252	eSg	8:41:27.00	-0.29
PENC	109.1	154	Sg	8:41:26.52	-2.05
PSZ	125.7	132	Pg	8:41:15.62	-0.73
			Sg	41:33.55	-0.30
KECS	138.6	99	Sn	8:41:34.58	-2.61
PKSG	143.1	187	Sn	8:41:37.36	-0.82
MORC	146.4	327	Pn	8:41:19.01	-0.19
			Sn	41:37.39	-1.54
NIE	148.8	56	Pn	8:41:21.77	2.28
			Sn	41:39.82	0.37
PKST	162.9	196	Sn	8:41:43.69	1.11

1144.

2018-11-16 time: 10:58:03.21 UTC ML= 1.1
 lat: 47.226N lon: 18.278E h= 0.0 km
 erh= 1.9km erz= 295km
 nr= 7 gap=239 rms=0.20
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	15.3	355	Pg	10:58:05.73	-0.21
			Sg	58:08.02	-0.05
PKST	18.8	281	Pg	10:58:06.28	-0.29
			Sg	58:09.33	0.14
PKSG	20.3	25	Pg	10:58:06.91	0.07
			Sg	58:09.78	0.11
MPLH	56.3	264	Pg	10:58:13.55	0.29

1145.

2018-11-17 time: 10:37:48.44 UTC ML= 1.4
 lat: 48.010N lon: 19.630E h= 0.0 km
 erh= 2.0km erz= 540km
 nr= 8 gap=110 rms=0.39
 Locality: Garáb
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	22.2	117	Pg	10:37:52.95	0.55
			Sg	37:55.35	-0.14
PENC	35.7	227	Pg	10:37:55.24	0.43
			Sg	37:59.14	-0.64
A336	53.2	298	Pg	10:37:58.11	0.18
VYHS	79.9	312	Pg	10:38:02.82	0.12
KECS	82.5	50	Pg	10:38:02.91	-0.26
PKSG	115.6	234	Pg	10:38:08.56	-0.53

1146.

2018-11-17 time: 10:48:06.43 UTC ML= 1.3
 lat: 48.077N lon: 19.651E h= 0.0 km
 erh= 3.9km erz= 932km
 nr= 7 gap=187 rms=0.62
 Locality: Kishartyán
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	25.3	134	Pg	10:48:11.22	0.26
			Sg	48:14.05	-0.43
PENC	42.1	221	Pg	10:48:13.42	-0.53
			Sg	48:19.80	-0.02
A336	51.5	290	Pg	10:48:16.33	0.70
VYHS	76.2	308	Pg	10:48:20.64	0.60
			Sg	48:29.31	-1.35

1147.

2018-11-18 time: 2:14:21.91 UTC ML= 0.3
 lat: 47.426N lon: 18.314E h= 0.9 km
 erh= 1.6km erz= 8.5km
 nr= 6 gap=255 rms=0.05
 Locality: Pusztavám
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKSG	7.0	124	Pg	2:14:23.17	0.01
			Sg	14:24.17	0.03
CSKK	8.1	210	Pg	2:14:23.36	-0.01
			Sg	14:24.41	-0.09
PKST	28.2	229	Pg	2:14:26.91	-0.03
			Sg	14:30.97	0.10

Földrengés paraméterek

Hypocenter Parameters

1148.

2018-11-19 time: 1:33:42.94 UTC ML= 1.6
 lat: 45.990N lon: 21.456E h= 11.1 km
 erh= 1.6km erz= 1.4km
 nr= 18 gap= 92 rms=0.56
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
TIM	33.6	213	PgC	1:33:49.64	0.38
SIRR	34.6	27	PgC	1:33:49.50	0.07
			Sg	33:53.80	-0.69
BZS	43.3	163	Pg	1:33:51.03	0.10
			Sg	33:56.57	-0.59
SURR	58.1	117	PgC	1:33:54.05	0.54
			Sg	34:01.30	-0.45
AMBH	69.2	305	Pg	1:33:55.58	0.13
			Sg	34:04.18	-1.03
GZR	122.4	123	PnC	1:34:04.21	0.40
			Sn	34:19.20	-0.89
DRGR	131.3	47	Pn	1:34:05.43	0.50
			Sn	34:21.62	-0.46
MDVR	135.8	171	PnD	1:34:05.89	0.40
			Sn	34:21.00	-2.08
HERR	144.3	149	Sn	1:34:24.60	-0.37
MARR	149.0	59	PnD	1:34:08.16	1.03
			Sn	34:25.90	-0.10

1149.

2018-11-19 time: 2:18:10.16 UTC ML= 2.0
 lat: 45.515N lon: 20.948E h= 8.5 km
 erh= 1.5km erz= 1.3km
 nr= 39 gap= 81 rms=0.85
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
BANR	20.8	135	PgC	2:18:14.35	0.18
			Sg	18:17.80	0.50
TIM	32.6	41	PgD	2:18:17.29	1.12
BZS	53.4	78	Pg	2:18:19.87	0.05
			Sg	18:26.99	-0.37
AMBH	94.4	349	Pg	2:18:27.96	0.87
			Sg	18:40.82	0.52
SURR	95.5	74	PgC	2:18:26.95	-0.34
			Sg	18:38.80	-1.85
FRGS	98.7	245	Pg	2:18:27.76	-0.08
			Sg	18:40.50	-1.14
SIRR	100.3	33	PgC	2:18:27.88	-0.25
			Sg	18:40.50	-1.65
MDVR	101.3	144	PgC	2:18:27.63	-0.68
			Sg	18:39.80	-2.67
HERR	135.2	121	PnC	2:18:34.30	1.34
			Sn	18:49.90	-0.85
GZR	143.7	95	PnD	2:18:34.99	0.97
			Sn	18:51.90	-0.74
DEV	157.7	75	PnC	2:18:36.01	0.24
			Sn	18:56.10	0.35
PKS6	161.3	318	Pn	2:18:37.13	0.92
			Sn	18:56.09	-0.45
PKB3	169.3	307	Pn	2:18:37.74	0.52
			Sn	18:56.92	-1.41
PKS2	172.8	309	Sn	2:18:58.39	-0.70
MORH	195.1	294	Pn	2:18:40.77	0.33
			Sn	19:03.08	-0.97
PKSM	195.2	293	Pn	2:18:40.70	0.26
			Sn	19:03.04	-1.02
DRGR	196.7	44	PnD	2:18:41.02	0.38
			Sn	19:04.20	-0.21
PKB5	209.1	305	Sn	2:19:05.87	-1.29
MARR	211.8	52	PnC	2:18:42.80	0.29
			Sn	19:08.50	0.75
BOVS	217.4	164	PnC	2:18:44.65	1.44

			Sn	19:10.60	1.61
CJR	244.4	57	Sn	2:19:15.80	0.81
BLKB	251.1	147	Sn	2:19:17.00	0.53
VOIR	320.9	92	Sn	2:19:32.00	0.04*

1150.

2018-11-19 time: 9:49:31.73 UTC ML= 1.5
 lat: 48.570N lon: 20.775E h= 0.0 km
 erh= 1.7km erz= 2.1km
 nr= 17 gap= 90 rms=0.66
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.5	246	Pg	9:49:36.37	0.45
			Sg	49:39.73	0.54
ABAH	46.0	132	Pg	9:49:40.08	0.14
			Sg	49:45.90	-0.45
PSZ	97.6	222	Pg	9:49:49.57	0.40
			Sg	50:02.34	-0.43
STHS	100.2	20	ePg	9:49:49.70	0.08
NIE	100.2	340	Pg	9:49:50.12	0.49
LANS	115.6	304	Pg	9:49:51.75	-0.62
			Sg	50:07.60	-0.87
KOLS	117.3	70	ePg	9:49:54.50	1.81
			eSg	50:08.40	-0.63
A336	136.7	254	Pn	9:49:56.18	0.36
			Sn	50:14.04	-0.56
TRPA	139.6	111	Sn	9:50:13.87	-1.37
VYHS	143.4	267	Pn	9:49:56.84	0.19
			Sn	50:14.94	-1.15

1151.

2018-11-19 time: 9:54:25.21 UTC ML= 1.9
 lat: 48.439N lon: 17.233E h= 0.0 km
 erh= 0.9km erz= 8.4km
 nr= 10 gap= 86 rms=0.26
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	16.6	60	Pg	9:54:28.20	0.01
			Sg	54:30.92	0.42
KRUC	92.7	318	Pg	9:54:41.76	-0.01
			Sg	54:54.82	0.14
VRAC	107.5	334	Pg	9:54:44.22	-0.18
			Sg	54:59.13	-0.24
CONA	116.8	241	Pg	9:54:45.93	-0.13
			Sg	55:02.80	0.47
VYHS	118.7	87	Pg	9:54:46.23	-0.18
MPLH	142.9	171	Sn	9:55:06.82	-2.64*

1152.

2018-11-19 time: 10:51:12.77 UTC ML= 1.5
 lat: 48.455N lon: 17.379E h= 0.0 km
 erh= 1.7km erz= 495km
 nr= 7 gap=155 rms=0.32
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KRUC	98.9	313	Pg	10:51:31.02	0.59
			Sg	51:43.87	-0.33
VYHS	107.9	88	Pg	10:51:32.12	0.09
			Sg	51:46.78	-0.27
VRAC	111.0	329	Sg	10:51:47.84	-0.21
CONA	127.1	243	Pg	10:51:35.58	0.12
			Sg	51:52.81	-0.35

Hypocenter Parameters

Földrengés paraméterek

1153.

2018-11-19 time: 10:59:18.67 UTC ML= 1.7
 lat: 48.161N lon: 16.886E h= 4.8 km
 erh= 2.9km erz= 2.9km
 nr= 13 gap= 89 rms=0.82
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
MODS	37.5	51	ePg	10:59:25.20	-0.21
			eSg	59:29.60	-1.07
RONA	67.6	221	Pg	10:59:30.91	0.13
			Sg	59:38.87	-1.35
CONA	80.6	251	Pg	10:59:33.35	0.26
			Sg	59:43.79	-0.55
KRUC	106.5	340	Pg	10:59:38.47	0.77
			Sg	59:52.43	-0.12
MPLH	120.6	156	Sn	10:59:55.79	-1.09
VRAC	129.4	350	Sn	10:59:57.70	-1.11
ARSA	143.9	225	Pn	10:59:44.25	1.21
			Sn	11:00:02.17	0.13
VYHS	149.3	76	Pn	10:59:45.20	1.49

1154.

2018-11-19 time: 12:43:12.78 UTC ML= 1.8
 lat: 47.710N lon: 18.556E h= 0.0 km
 erh= 1.1km erz= 4.7km
 nr= 17 gap= 66 rms=0.54
 Locality: Bajót
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SRO	21.5	302	Pg	12:43:16.67	0.05
			Sg	43:20.48	0.86
PKSG	37.6	199	Sg	12:43:24.46	-0.26
BUD	43.3	126	Sg	12:43:26.62	0.08
CSKK	44.6	210	Pg	12:43:21.80	1.06
			Sg	43:26.90	-0.05
PENC	55.1	81	Pg	12:43:23.09	0.46
PKST	63.8	218	Sg	12:43:33.13	0.08
A336	66.9	30	Sg	12:43:33.63	-0.41
VYHS	89.6	13	Sg	12:43:40.90	-0.36
MPLH	97.4	232	Pg	12:43:30.55	0.37
			Sg	43:43.19	-0.56
EGYH	97.7	251	Sg	12:43:43.36	-0.49
PSZ	102.9	77	Sg	12:43:45.68	0.20
MODS	120.5	308	ePg	12:43:33.80	-0.51
			eSg	43:48.60	-2.50*
PKSM	166.7	178	Pn	12:43:39.45	-1.16

1155.

2018-11-19 time: 22:09:50.19 UTC ML= 1.8
 lat: 47.839N lon: 18.618E h= 8.4 km
 erh= 2.0km erz= 1.9km
 nr= 28 gap= 77 rms=0.84
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	23.0	263	Pg	22:09:54.87	0.30
			Sg	09:57.61	-0.37
A338	27.9	315	Pg	22:09:56.66	1.26
PENC	50.0	96	Pg	22:09:57.67	-1.58
A336	52.3	33	PgD	22:10:00.02	0.37
			Sg	10:06.43	-0.60
PKSG	52.5	199	PgU	22:10:00.27	0.58
			Sg	10:06.50	-0.60
CSKK	59.3	207	PgU	22:10:01.07	0.18
VYHS	74.7	13	Pg	22:10:03.88	0.27
			Sg	10:12.10	-1.98
A337	76.5	306	Pg	22:10:04.78	0.84
PKST	78.0	214	PgU	22:10:03.97	-0.23

			Sg	10:14.34	-0.79
PSZ	95.9	85	Pg	22:10:07.24	-0.14
EGYH	107.4	244	Pg	22:10:09.40	-0.04
			Sg	10:24.10	-0.35
MPLH	110.1	228	Pn	22:10:09.53	-0.35
			Sn	10:23.81	-1.43
MODS	116.2	301	ePn	22:10:10.60	-0.05
			eSn	10:24.60	-2.00
PKB1	117.9	174	Sn	22:10:25.44	-1.53
PKB5	138.5	176	Pn	22:10:14.39	0.96
PKB4	149.2	180	Sn	22:10:35.28	1.36
KECS	156.3	63	Sn	22:10:36.17	0.67
LANS	158.8	23	Pn	22:10:17.59	1.63
MORH	180.4	179	Pn	22:10:19.19	0.54
PKSM	180.8	179	Pn	22:10:19.12	0.42

1156.

2018-11-20 time: 7:59:59.22 UTC ML= 1.6
 lat: 47.329N lon: 18.434E h= 0.0 km
 erh= 2.8km erz= 4.8km
 nr= 10 gap=160 rms=0.57
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.7	335	Pg	8:00:00.65	0.05
			Sg	00:01.10	-0.57
CSKK	13.6	286	Pg	8:00:02.16	0.50
			Sg	00:03.73	0.17
PKST	31.2	256	Pg	8:00:05.36	0.56
			Sg	00:08.08	-1.07
MORH	124.8	173	Sg	8:00:38.67	-0.23
PKSM	125.2	173	Sg	8:00:39.05	0.02
VYHS	133.0	13	Pn	8:00:23.36	0.52
			Sn	00:39.98	-1.27

1157.

2018-11-20 time: 8:41:53.25 UTC ML= 1.5
 lat: 47.322N lon: 17.651E h= 0.0 km
 erh= 1.3km erz= 1.7km
 nr= 17 gap= 87 rms=0.58
 Locality: Bakonykoppány
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	18.9	206	Pg	8:41:56.78	0.16
			Sg	41:59.59	0.33
EGYH	26.3	294	Pg	8:41:58.47	0.53
			Sg	42:01.76	0.16
PKST	29.9	104	Pg	8:41:58.51	-0.07
			Sg	42:03.05	0.31
CSKK	46.3	84	Pg	8:42:02.07	0.56
			Sg	42:08.09	0.13
PKSG	56.4	82	Sg	8:42:11.45	0.27
MODS	120.2	347	ePg	8:42:13.60	-1.10
			eSg	42:28.80	-2.64*
KOVH	141.4	166	Sn	8:42:36.08	-1.08
A336	143.1	45	Sn	8:42:36.93	-0.59
PKSM	144.8	148	Pn	8:42:18.80	0.46
			Sn	42:36.18	-1.73
VYHS	157.6	34	Pn	8:42:20.04	0.12
			Sn	42:40.75	0.02

1158.

2018-11-20 time: 10:18:51.47 UTC ML= 1.2
 lat: 47.200N lon: 18.267E h= 0.0 km
 erh= 4.1km erz= 661km
 nr= 8 gap=243 rms=0.48
 Locality: Csór
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
CSKK	18.1	359	Pg	10:18:54.59	-0.11
			Sg	18:57.39	0.16
PKST	18.8	290	Pg	10:18:55.04	0.22
			Sg	18:57.74	0.31
PKSG	23.3	24	Pg	10:18:55.25	-0.38
			Sg	18:58.61	-0.26
MPLH	55.2	267	Pg	10:19:01.97	0.64
			Sg	19:07.53	-1.49

1159.

2018-11-20 time: 10:45:15.02 UTC ML= 1.6
 lat: 47.844N lon: 20.075E h= 0.0 km
 erh= 7.9km erz= ***km
 nr= 8 gap=241 rms=0.99
 Locality: Domoszló
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	15.8	301	Pg	10:45:18.96	1.12
			Sg	45:20.54	0.50
PENC	59.7	264	Pg	10:45:25.33	-0.35
			Sg	45:33.11	-0.88
KECS	77.3	23	ePg	10:45:29.00	0.17
			eSg	45:38.20	-1.40
VYHS	117.1	308	Pg	10:45:36.81	0.88
			Sg	45:49.79	-2.44

1160.

2018-11-20 time: 10:53:49.41 UTC ML= 2.0
 lat: 47.929N lon: 20.050E h= 0.0 km
 erh= 2.7km erz= 617km
 nr= 11 gap=190 rms=0.53
 Locality: Bodony
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	11.7	264	Pg	10:53:51.93	0.44
			Sg	53:54.28	1.16
PENC	59.5	255	Pg	10:54:00.29	0.25
			Sg	54:07.64	-0.68
KECS	69.6	28	Pg	10:54:02.16	0.32
			Sg	54:11.59	0.05
A336	85.3	293	Pg	10:54:04.45	-0.19
			Sg	54:15.95	-0.57
ABAH	97.5	65	Pg	10:54:06.67	-0.16
			Sg	54:22.62	-1.73

1161.

2018-11-20 time: 12:58:21.81 UTC ML= 1.8
 lat: 48.566N lon: 20.816E h= 0.0 km
 erh= 6.6km erz= 6.6km
 nr= 6 gap=154 rms=1.12
 Locality: Hidvérgárdó
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	26.1	249	Pg	12:58:26.32	-0.15
			Sg	58:29.48	-0.62
PSZ	99.3	224	Sg	12:58:53.77	0.38
			Pg	12:58:41.98	2.00
KOLS	114.7	69	Sg	12:58:56.74	-1.52
			Sn	12:59:04.58	-0.73

1162.

2018-11-21 time: 9:41:07.59 UTC ML= 1.1
 lat: 47.117N lon: 18.027E h= 0.0 km
 erh= 2.2km erz= 815km
 nr= 12 gap=102 rms=0.67
 Locality: Királyszentistván
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	15.8	2	Pg	9:41:10.75	0.33
			Sg	41:12.43	-0.19
CSKK	32.6	33	Pg	9:41:14.36	0.95
			Sg	41:17.66	-0.30
MPLH	37.4	279	Pg	9:41:14.56	0.29
			Sg	41:19.30	-0.19
PKSG	41.2	42	Pg	9:41:14.78	-0.16
			Pg	9:41:21.12	1.21
A338	102.9	14	Sg	9:41:39.23	-1.05
			Pg	9:41:26.94	-0.42
MORH	110.7	155	Pg	9:41:26.94	-0.42
			Pg	9:41:27.27	-0.15
KOVH	114.5	177	Sg	9:41:42.44	-1.53

1163.

2018-11-21 time: 10:39:58.51 UTC ML= 1.7
 lat: 47.849N lon: 19.880E h= 0.0 km
 erh= 2.7km erz= 580km
 nr= 8 gap=198 rms=0.42
 Locality: Gyöngyösoroszi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	7.8	8	Pg	10:40:00.02	0.12
			Sg	40:01.41	0.42
PENC	45.3	262	Sg	10:40:12.90	-0.01
			Pg	10:40:14.13	0.68
KECS	83.7	33	Sg	40:24.40	-0.71
			Pg	10:40:17.37	-0.02
VYHS	105.7	313	Sg	40:31.53	-0.58
			Pg	10:40:18.43	-0.23

1164.

2018-11-21 time: 12:53:38.81 UTC ML= 1.6
 lat: 48.606N lon: 20.764E h= 0.0 km
 erh= 2.1km erz= 5.0km
 nr= 13 gap= 86 rms=0.73
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.6	236	Pg	12:53:43.36	0.15
			Sg	53:45.89	-0.75
ABAH	49.2	134	Pg	12:53:48.15	0.55
			Sg	53:54.66	0.20
NIE	96.3	340	Pg	12:53:57.24	1.24
			Sg	54:08.64	-0.77
STHS	96.8	21	ePg	12:53:55.80	-0.30
			eSg	54:08.40	-1.18
PSZ	100.0	220	Pg	12:53:56.79	0.12
			Sg	54:09.59	-1.02
KOLS	116.8	72	Sg	12:54:15.22	-0.71
			ePn	12:54:04.80	1.14
VYHS	142.9	265	eSn	54:22.40	-0.64

1165.

2018-11-21 time: 23:47:59.13 UTC ML= 1.0
 lat: 48.062N lon: 20.233E h= 10.0 km
 erh= 6.9km erz=31.6km
 nr= 6 gap=167 rms=0.86
 Locality: Szentdomonkos
 Comments:

Hypocenter Parameters

Földrengés paraméterek

sta	dist	azm	phase	hr mn sec	res
PSZ	29.8	238	Pg	23:48:05.39	0.64
			Sg	48:09.47	0.33
KECS	50.5	22	Pg	23:48:09.23	0.90
			Sg	48:15.24	-0.26
ABAH	79.3	71	Sg	23:48:23.46	-1.08
A336	93.8	282	Sg	23:48:27.62	-1.49

1166.

2018-11-21 time: 23:49:56.89 UTC ML= 1.1
 lat: 48.072N lon: 20.210E h= 14.9 km
 erh= 2.8km erz= 1.8km
 nr= 6 gap=162 rms=0.34
 Locality: Szentdomonkos
 Comments:

sta	dist	azm	phase	hr mn sec	res
PSZ	29.1	234	Pg	23:50:02.95	0.23
			Sg	50:06.88	-0.39
KECS	50.1	24	Pg	23:50:06.55	0.32
			Sg	50:12.84	-0.67
ABAH	80.5	72	P*	23:50:11.67	0.17
VYHS	112.2	295	Sn	23:50:30.77	-0.17

1167.

2018-11-21 time: 23:50:27.41 UTC ML= 1.9
 lat: 48.079N lon: 20.229E h= 8.3 km
 erh= 3.0km erz= 2.3km
 nr= 22 gap= 87 rms=1.03
 Locality: Szentdomonkos
 Comments:

sta	dist	azm	phase	hr mn sec	res
PSZ	30.7	234	PgD	23:50:33.66	0.56
			Sg	50:37.56	0.03
KECS	48.8	23	Pg	23:50:36.93	0.68
			Sg	50:42.96	-0.18
PENC	77.8	246	Pg	23:50:41.15	-0.23
			Sg	50:51.47	-0.80
ABAH	78.9	72	Pg	23:50:41.43	-0.14
			Sg	50:51.09	-1.53
A336	93.1	281	Pg	23:50:44.67	0.56
			Sg	50:55.27	-1.86
VYHS	113.2	294	Pn	23:50:47.25	-0.25
			Sn	51:00.66	-2.50
LANS	131.7	335	Pn	23:50:50.36	0.56
			Sn	51:06.35	-0.91
NIE	149.1	2	Pn	23:50:54.41	2.44
			Sn	51:11.40	0.27
STHS	166.4	27	Sn	23:51:15.23	0.27
CSKK	167.8	242	Pn	23:50:55.58	1.27
PKST	188.4	241	Sn	23:51:20.19	0.34
PKB5	199.9	214	Sn	23:51:26.23	3.82
DRGR	235.7	127	Pn	23:51:03.45	0.68
			Sn	51:28.48	-1.87

1168.

2018-11-21 time: 23:51:22.59 UTC ML= 1.2
 lat: 48.068N lon: 20.229E h= 9.1 km
 erh= 3.8km erz=14.3km
 nr= 5 gap=165 rms=0.30
 Locality: Szentdomonkos
 Comments:

sta	dist	azm	phase	hr mn sec	res
PSZ	30.0	236	Pg	23:51:28.21	0.02
			Sg	51:32.34	-0.21
KECS	50.0	22	Pg	23:51:32.00	0.35
			Sg	51:38.09	-0.64
ABAH	79.3	71	Pg	23:51:36.95	0.11

1169.

2018-11-22 time: 0:14:03.20 UTC ML= 1.4
 lat: 48.070N lon: 20.239E h= 10.0 km
 erh= 4.4km erz= 3.5km
 nr= 13 gap=165 rms=0.94
 Locality: Szentdomonkos
 Comments:

sta	dist	azm	phase	hr mn sec	res
PSZ	30.7	237	Pg	0:14:09.56	0.59
			Sg	14:13.86	0.39
KECS	49.4	22	Pg	0:14:12.83	0.63
			Sg	14:19.02	-0.21
PENC	78.0	247	Sg	0:14:27.65	-0.54
ABAH	78.5	71	Pg	0:14:17.57	0.24
			Sg	14:26.89	-1.47
A336	94.0	281	Pg	0:14:20.48	0.40
			Sg	14:31.20	-2.05
VYHS	114.3	294	Pn	0:14:24.03	0.83
LANS	132.9	335	Sn	14:36.74	-2.06
			Sn	0:14:42.64	-0.30
NIE	150.1	2	Sn	0:14:48.07	1.32

1170.

2018-11-22 time: 1:22:02.05 UTC ML= 0.2
 lat: 47.369N lon: 18.240E h= 4.6 km
 erh= 5.5km erz= 1.1km
 nr= 6 gap=205 rms=0.10
 Locality: Mór
 Comments:

sta	dist	azm	phase	hr mn sec	res
CSKK	1.6	112	Pg	1:22:03.00	0.09
			Sg	22:03.42	-0.17
PKSG	11.6	77	Pg	1:22:04.25	-0.03
			Sg	22:06.15	0.13
PKST	19.8	232	Pg	1:22:05.58	-0.09
			Sg	22:08.58	0.08

1171.

2018-11-22 time: 8:30:39.85 UTC ML= 1.2
 lat: 47.324N lon: 18.458E h= 0.0 km
 erh= 3.3km erz= 693km
 nr= 7 gap=207 rms=0.45
 Locality: Pátka
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	9.1	326	PgU	8:30:41.63	0.16
			Sg	30:42.08	-0.65
CSKK	15.5	286	Pg	8:30:42.98	0.36
			Sg	30:44.60	-0.18
PKST	32.8	257	Pg	8:30:46.36	0.65
			Sg	30:49.84	-0.45
PKSM	124.5	174	Sg	8:31:18.87	-0.54

1172.

2018-11-22 time: 10:06:22.67 UTC ML= 0.8
 lat: 47.212N lon: 18.264E h= 0.0 km
 erh= 3.6km erz= 565km
 nr= 8 gap=239 rms=0.41
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	16.8	359	Pg	10:06:25.18	-0.49
			Sg	06:27.88	-0.13
PKST	18.1	287	Pg	10:06:25.80	-0.11
			Sg	06:28.98	0.55
PKSG	22.2	26	Pg	10:06:26.63	0.00

Földrengés paraméterek

Hypocenter Parameters

MPLH 55.1 265 Sg 06:29.85 0.13
Pg 10:06:33.17 0.66
Sg 06:39.58 -0.60

1173.

2018-11-22 time: 10:28:31.61 UTC ML= 0.7
lat: 46.148N lon: 18.300E h= 0.0 km
erh= 1.0km erz= 259km
nr= 9 gap=145 rms=0.20
Locality: Vasas
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	16.9	247	Pg	10:28:34.42	-0.20
			Sg	28:37.19	0.22
PKSM	27.3	75	Pg	10:28:36.36	-0.13
			Sg	28:40.37	0.08
MORH	27.6	74	Pg	10:28:36.37	-0.17
			Sg	28:40.17	-0.22
PKSV	29.1	187	Pg	10:28:36.91	0.09
			Sg	28:41.07	0.20
PKB4	45.2	31	Sg	10:28:46.40	0.42

1174.

2018-11-22 time: 10:41:40.07 UTC ML= 1.8
lat: 46.964N lon: 17.585E h= 0.0 km
erh= 3.5km erz= 917km
nr= 10 gap=194 rms=0.72
Locality: Taliándörög
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	23.2	351	Pg	10:41:43.20	-1.01
			Sg	41:47.54	0.10
TIH	24.5	107	Pg	10:41:45.28	0.84
PKST	47.3	46	Pg	10:41:49.51	0.99
			Sg	41:55.18	0.07
CSKK	67.8	49	Sg	10:42:00.40	-1.21
KOVH	105.0	158	Pg	10:41:59.12	0.30
			Sg	42:12.63	-0.82
MORH	116.2	136	Sg	10:42:17.05	0.05
PKSM	116.4	136	Sg	10:42:17.10	0.04

1175.

2018-11-22 time: 10:47:08.15 UTC ML= 1.8
lat: 48.402N lon: 19.153E h= 0.0 km
erh= 1.9km erz= 5.5km
nr= 11 gap= 82 rms=0.58
Locality: Slovakia
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	22.0	211	Pg	10:47:12.73	0.65
			Sg	47:15.74	0.60
VYHS	25.5	294	Pg	10:47:12.70	-0.01
			Sg	47:15.81	-0.46
PENC	68.7	172	Sg	10:47:29.80	-0.19
PSZ	77.1	134	Sg	10:47:31.19	-1.47
LANS	86.4	16	ePg	10:47:23.40	-0.17
KECS	99.0	85	ePg	10:47:26.40	0.56
			eSg	47:40.10	0.47
MODS	138.9	269	ePn	10:47:32.20	-0.31
			eSn	47:48.40	-3.11*

1176.

2018-11-22 time: 11:03:05.73 UTC ML= 1.4
lat: 46.115N lon: 18.044E h= 0.0 km
erh= 1.8km erz= 432km
nr= 13 gap=232 rms=0.37
Locality: Bükkösd
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	5.2	124	Pg	11:03:06.86	0.19
			Sg	03:07.93	0.53
PKSV	29.9	147	Pg	11:03:11.18	0.11
			Sg	03:14.79	-0.44
PKSM	47.4	77	Pg	11:03:14.10	-0.10
			Sg	03:20.57	-0.23
MORH	47.7	76	Pg	11:03:14.17	-0.09
			Sg	03:20.40	-0.50
PKS9	55.5	19	Pg	11:03:15.93	0.28
			Sg	03:23.20	-0.19
PKB4	60.5	45	Sg	11:03:25.21	0.24
PKB5	75.4	45	Sg	11:03:30.78	1.07
PKB1	94.1	38	Sg	11:03:35.01	-0.62

1177.

2018-11-22 time: 11:29:40.79 UTC ML= 1.6
lat: 47.864N lon: 19.142E h= 0.0 km
erh= 1.8km erz= 303km
nr= 7 gap=214 rms=0.21
Locality: Nótincs
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	13.3	128	Pg	11:29:43.04	-0.13
			Sg	29:44.77	-0.25
A336	42.4	345	Pg	11:29:48.37	0.01
			Sg	29:54.47	0.21
PSZ	56.6	84	Pg	11:29:51.28	0.38
			Sg	29:58.75	-0.04
VYHS	73.6	342	Sg	11:30:03.95	-0.24

1178.

2018-11-22 time: 11:37:08.62 UTC ML= 1.4
lat: 47.865N lon: 19.154E h= 0.0 km
erh= 3.0km erz= 585km
nr= 9 gap=210 rms=0.45
Locality: Nótincs
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	12.6	131	Pg	11:37:10.73	-0.15
			Sg	37:12.11	-0.52
A336	42.6	344	Pg	11:37:15.92	-0.30
			Sg	37:21.95	-0.20
PSZ	55.7	84	Pg	11:37:18.76	0.20
			Sg	37:26.51	0.19
VYHS	73.9	341	Pg	11:37:22.71	0.90
			Sg	37:31.36	-0.74
KECS	120.5	55	ePg	11:37:30.50	0.35

1179.

2018-11-22 time: 12:41:40.49 UTC ML= 2.5
lat: 48.226N lon: 21.233E h= 0.0 km
erh= 2.2km erz= 2.5km
nr= 13 gap=155 rms=0.79
Locality: Tállya
Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	7.8	4	PgU	12:41:41.72	-0.16
			Sg	41:42.68	-0.29

Hypocenter Parameters

KECS	62.3	297	Pg	12:41:51.76	0.14
			Sg	41:59.52	-0.78
TRPA	97.7	96	Pg	12:41:57.74	-0.20
			Sg	42:11.02	-0.53
PSZ	105.4	251	Sg	12:42:13.05	-0.95
KOLS	109.9	44	Pg	12:41:59.85	-0.26
			Sg	42:15.01	-0.41
STHS	132.4	0	ePn	12:42:05.80	1.77
			eSn	42:22.80	0.40
NIE	148.9	333	Sn	12:42:26.06	0.02
LANS	165.7	308	eSn	12:42:32.00	2.21

1180.

2018-11-23 time: 1:50:27.45 UTC ML= 1.2
 lat: 47.841N lon: 18.703E h= 22.1 km
 erh= 3.0km erz=10.4km
 nr= 10 gap= 71 rms=0.68
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	29.3	264	Sg	1:50:38.91	-0.01
A338	32.5	306	Pg	1:50:35.00	0.65
			Sg	50:39.92	0.19
PENC	43.7	97	Sg	1:50:42.83	0.16
BUD	46.5	149	Sg	1:50:43.56	0.14
A336	48.9	27	Pg	1:50:37.42	0.65
			Sg	50:42.97	-1.07
CSKK	62.7	212	Pg	1:50:37.82	-1.05
VYHS	73.2	8	Pg	1:50:41.11	0.64
			Sg	50:49.68	-0.96

1181.

2018-11-23 time: 8:24:23.75 UTC ML= 1.1
 lat: 47.107N lon: 18.053E h= 0.0 km
 erh= 2.0km erz= 717km
 nr= 11 gap=127 rms=0.58
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.9	355	Pg	8:24:26.73	-0.04
			Sg	24:29.47	0.34
TIH	26.0	208	Sg	8:24:33.90	1.87
CSKK	32.5	29	Pg	8:24:29.71	0.15
			Sg	24:34.24	0.15
MPLH	39.6	280	Sg	8:24:35.56	-0.77
MORH	108.9	155	Pg	8:24:43.45	0.25
			Sg	24:57.47	-0.91
PKSM	109.3	156	Pg	8:24:43.76	0.50
			Sg	24:57.72	-0.76
KOVH	113.3	178	Sg	8:24:59.45	-0.32

1182.

2018-11-23 time: 10:14:46.18 UTC ML= 1.6
 lat: 48.590N lon: 20.750E h= 0.0 km
 erh= 1.8km erz= 5.4km
 nr= 12 gap= 88 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.9	239	Pg	10:14:50.42	0.16
			Sg	14:53.43	-0.01
ABAH	48.7	132	Pg	10:14:54.82	-0.06
			Sg	15:01.46	-0.21
PSZ	98.0	220	Pg	10:15:04.20	0.52
			Sg	15:16.90	-0.44
STHS	98.8	21	ePg	10:15:04.80	0.98
			eSg	15:16.90	-0.69
LANS	112.9	304	Pg	10:15:06.10	-0.24
			Sg	15:20.30	-1.76

Földrengés paraméterek

KOLS	118.3	71	Sg	10:15:23.00	-0.78
VYHS	141.8	266	Pn	10:15:11.30	0.41

1183.

2018-11-23 time: 10:30:57.83 UTC ML= 1.0
 lat: 47.204N lon: 18.282E h= 0.0 km
 erh= 2.3km erz= 350km
 nr= 7 gap=245 rms=0.23
 Locality: Csór
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	17.8	355	Pg	10:31:00.73	-0.28
			Sg	31:03.68	0.19
PKST	19.7	288	Pg	10:31:01.07	-0.29
			Sg	31:04.10	-0.01
PKSG	22.5	21	Pg	10:31:01.94	0.10
			Sg	31:04.98	0.01
MPLH	56.4	266	Pg	10:31:08.27	0.37

1184.

2018-11-23 time: 10:47:00.04 UTC ML= 1.4
 lat: 47.500N lon: 18.651E h= 0.0 km
 erh= 3.8km erz= 4.8km
 nr= 11 gap=173 rms=0.56
 Locality: Bicske
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	23.0	238	Pg	10:47:04.30	0.15
			Sg	47:07.78	0.43
CSKK	33.1	243	Pg	10:47:06.21	0.25
			Sg	47:10.48	-0.09
PKST	53.7	240	Pg	10:47:09.85	0.22
			Sg	47:16.62	-0.49
MPLH	91.6	246	Sg	10:47:28.78	-0.39
EGYH	99.9	265	Sg	10:47:31.63	-0.16
VYHS	111.4	7	Pg	10:47:20.99	1.06
			Sg	47:34.12	-1.33
PKSM	143.2	180	Sn	10:47:43.63	-0.71

1185.

2018-11-23 time: 11:34:38.93 UTC ML= 1.8
 lat: 47.938N lon: 20.140E h= 0.0 km
 erh= 8.7km erz= ***km
 nr= 5 gap=199 rms=0.47
 Locality: Recsk
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	18.5	263	Pg	11:34:41.90	-0.33
			Sg	34:44.71	-0.09
ABAH	91.0	64	Sg	11:35:07.63	-0.24
A336	91.1	291	Pg	11:34:56.06	0.86
			Sg	35:07.56	-0.32

1186.

2018-11-24 time: 5:26:09.68 UTC ML= 3.2
 lat: 45.728N lon: 16.057E h= 7.4 km
 erh= 6.0km erz= 3.4km
 nr= 12 gap=273 rms=0.89
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	20.6	338	Pg	5:26:12.22	-1.38
			Sg	26:16.69	0.04
CRES	48.0	283	Pg	5:26:18.46	0.11
			Sg	26:25.27	0.17
KOGS	81.5	11	Pg	5:26:24.35	0.06

Földrengés paraméterek

Hypocenter Parameters

		Sg	26:36.31	0.63	
GROS	92.1	332	Pg	5:26:26.31	0.13
		Sg	26:38.99	-0.07	
PERS	124.3	324	Pn	5:26:30.71	-0.56
		Sn	26:46.11	-2.00	
OBKA	145.4	307	Pn	5:26:35.39	1.50
		Sn	26:54.71	1.93	

1187.

2018-11-24 time: 5:27:34.17 UTC ML= 3.4
 lat: 45.687N lon: 16.204E h= 6.6 km
 erh= 1.7km erz= 1.3km
 nr= 43 gap=141 rms=0.59
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
ZAG	22.8	314	PgD	5:27:38.96	0.56
			Sg	27:41.83	0.13
PTJ	30.5	321	Pg	5:27:39.78	0.04
			Sg	27:43.19	-0.89
CRES	60.2	285	Pg	5:27:44.71	-0.27
			Sg	27:52.31	-1.10
KOGS	84.7	2	Pg	5:27:49.56	0.22
GROS	101.8	328	Pg	5:27:51.86	-0.52
BLY	129.6	144	Pn	5:27:56.31	-0.20
			Sn	28:13.63	-0.30
PERS	134.9	321	Pn	5:27:57.16	-0.01
SOKA	142.6	321	Pn	5:27:58.18	0.05
			Sn	28:14.85	-1.97
KOVH	153.8	73	Pn	5:27:59.51	-0.02
			Sn	28:17.71	-1.59
OBKA	157.3	306	Pn	5:28:01.13	1.16
			Sn	28:19.96	-0.13
PKSV	160.8	82	Pn	5:28:00.49	0.08
			Sn	28:18.83	-2.04
ARSA	181.5	343	Pn	5:28:03.47	0.48
TIH	187.4	44	Pn	5:28:03.67	-0.05
MPLH	194.2	32	Pn	5:28:04.80	0.23
PKSM	197.8	73	Pn	5:28:04.78	-0.23
MORH	198.1	73	Pn	5:28:04.81	-0.25
PKB4	206.3	64	Pn	5:28:07.06	0.99
EGYH	210.9	24	Pn	5:28:07.27	0.62
PKB5	220.1	63	Pn	5:28:07.13	-0.67
SOP	223.6	7	Pn	5:28:08.63	0.40
RONA	223.9	2	Pn	5:28:08.89	0.62
MYKA	224.0	298	Pn	5:28:08.97	0.69
			Sn	28:34.94	0.05
PKST	224.3	39	Pn	5:28:08.41	0.09
CSKK	244.2	40	Pn	5:28:10.95	0.15
PKB3	245.5	71	Pn	5:28:10.95	-0.02
CONA	250.6	354	Pn	5:28:12.28	0.68
PKSG	253.1	42	Pn	5:28:12.19	0.28
PKB2	259.0	65	Pn	5:28:13.83	1.19
KBA	268.9	305	Pn	5:28:14.61	0.72
			Sn	28:45.14	0.27
MOA	282.4	328	Pn	5:28:16.73	1.17
			Sn	28:46.42	-1.43
SRO	286.1	34	Pn	5:28:16.76	0.73
BIOA	297.0	319	Pn	5:28:18.02	0.64
			Sn	28:48.55	-2.54*
ABTA	308.3	292	Pn	5:28:19.74	0.94*
			Sn	29:03.36	9.75*
MODS	309.7	15	ePn	5:28:19.00	0.04*
BBLs	324.4	129	Pn	5:28:22.15	1.35*
SMOL	327.8	16	ePn	5:28:22.00	0.78*
VYHS	370.6	33	Pn	5:28:26.69	0.13*
PSZ	375.4	49	PnC	5:28:26.31	-0.85*
WTTA	392.2	297	Pn	5:28:31.12	1.87*
			Sn	29:12.82	0.60*
WATA	399.7	297	Sn	5:29:14.14	0.25*
VRAC	403.7	4	PnC	5:28:30.70	0.01*
TREC	404.8	352	ePn	5:28:31.00	0.18*
SQTA	420.0	294	Pn	5:28:33.75	1.03*

		Sn	29:19.30	0.91*	
BZS	422.0	91	Pn	5:28:33.90	0.93*
KHC	431.2	333	ePn	5:28:34.80	0.68*
		eSn	29:19.10	-1.78*	
MOTA	432.7	295	Pn	5:28:35.32	1.02*
		Sn	29:22.39	1.19*	
ZVC	443.8	340	ePn	5:28:36.60	0.91*
FETA	446.8	289	Pn	5:28:36.63	0.57*
		Sn	29:25.80	1.46*	
KECS	449.8	46	ePn	5:28:36.70	0.26*
MORC	465.7	12	Pn	5:28:39.50	1.08*
GOPC	481.9	347	ePn	5:28:40.90	0.46*
KRLC	489.9	5	ePn	5:28:42.20	0.77*
PRU	494.2	345	ePn	5:28:42.70	0.72*
GZR	514.4	94	PnC	5:28:45.11	0.62*
DRGR	516.7	76	Pn	5:28:46.71	1.93*
DAVA	517.1	290	Pn	5:28:45.71	0.88*
		Sn	29:40.90	0.95*	
DPC	518.6	1	ePn	5:28:44.40	-0.62*
UPC	536.2	358	ePn	5:28:47.60	0.39*
MARR	545.1	78	PnC	5:28:46.81	-1.51*
PVCC	551.9	347	ePn	5:28:49.10	-0.07*

1188.

2018-11-24 time: 6:54:39.63 UTC ML= 2.2
 lat: 45.694N lon: 16.094E h= 10.0 km
 erh= 2.5km erz= 1.8km
 nr= 26 gap=146 rms=0.87
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
ZAG	16.9	333	Pg	6:54:43.10	-0.04
			Sg	54:46.17	0.30
PTJ	25.2	335	Pg	6:54:43.88	-0.60
			Sg	54:47.74	-0.52
CRES	51.7	287	Pg	6:54:49.11	0.08
			Sg	54:55.77	-0.60
KOGS	84.7	8	Pg	6:54:55.46	0.60
			Sg	55:07.25	0.51
GROS	96.8	332	Pg	6:54:56.71	-0.29
			Sg	55:09.40	-1.16
BEHE	101.1	31	Pg	6:54:57.97	0.20
			Sg	55:11.19	-0.74
PERS	129.1	324	Pn	6:55:01.97	0.49
			Sn	55:17.25	-1.27
BLY	135.5	141	Pn	6:55:01.71	-0.57
			Sn	55:18.37	-1.57
SOKA	136.7	323	Sn	6:55:19.01	-1.20
OBKA	150.0	307	Pn	6:55:05.95	1.87
			Sn	55:23.92	0.76
KOVH	161.7	74	Sn	6:55:25.08	-0.69
PKSV	169.2	83	Pn	6:55:07.98	1.50
			Sn	55:26.66	-0.77
ARSA	178.5	346	Pn	6:55:08.85	1.21
			Sn	55:30.18	0.69
PKSM	205.7	74	Sn	6:55:37.72	2.19
MORH	206.1	74	Sn	6:55:37.64	2.04

1189.

2018-11-24 time: 8:30:19.98 UTC ML= 1.6
 lat: 45.985N lon: 21.955E h= 13.2 km
 erh= 3.4km erz= 3.1km
 nr= 11 gap=103 rms=0.69
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
SURR	28.9	153	PgD	8:30:26.03	0.38
			Sg	30:29.80	-0.27
SIRR	38.8	324	PgC	8:30:28.00	0.70
			Sg	30:32.60	-0.41
BZS	48.7	213	Pg	8:30:29.12	0.14

Hypocenter Parameters

Földrengés paraméterek

Sg 30:34.14 -1.87
 AMBH 103.2 293 P* 8:30:38.61 0.42
 DRGR 106.9 33 Pn 8:30:38.66 0.01
 Sn 30:51.46 -1.75
 MARR 118.0 49 PnC 8:30:40.57 0.53
 Sn 30:55.60 -0.08

1190.

2018-11-25 time: 22:25:08.42 UTC ML= 2.4
 lat: 46.186N lon: 16.099E h= 0.1 km
 erh= 3.0km erz= 969km
 nr= 10 gap=177 rms=0.68
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
KOGS	31.4	22	Pg	22:25:14.31	0.28
			Sg	25:18.31	-0.10
PTJ	33.6	199	Pg	22:25:14.33	-0.09
			Sg	25:18.15	-0.94
GROS	55.2	304	Pg	22:25:18.26	-0.02
			Sg	25:25.26	-0.71
CRES	63.8	231	Pg	22:25:21.26	1.45
			Sg	25:28.71	0.01
PERS	90.6	304	Pg	22:25:23.81	-0.78
			Sg	25:38.11	0.90
BEO	372.7	114	Pn	22:26:00.76	-1.15*

1191.

2018-11-26 time: 7:23:06.32 UTC ML= 2.7
 lat: 45.905N lon: 16.061E h= 8.7 km
 erh= 1.8km erz= 1.2km
 nr= 31 gap= 66 rms=0.71
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr mn sec	res
PTJ	8.0	266	Pg	7:23:08.38	-0.05
			Sg	23:09.85	-0.23
ZAG	9.9	212	Pg	7:23:08.57	-0.11
			Sg	23:10.66	0.14
CRES	47.7	259	Pg	7:23:15.06	0.08
			Sg	23:20.99	-0.75
KOGS	62.1	14	Pg	7:23:18.21	0.69
			Sg	23:25.70	-0.56
GROS	75.4	325	Pg	7:23:20.16	0.29
			Sg	23:29.79	-0.65
PERS	109.1	318	Pn	7:23:25.56	-0.27
			Sn	23:39.84	-1.22
SOKA	116.9	317	Pn	7:23:26.79	-0.02
			Sn	23:41.33	-1.46
OBKA	134.6	300	Pn	7:23:29.95	0.93
			Sn	23:47.36	0.63
ARSA	155.2	345	Pn	7:23:32.25	0.67
			Sn	23:52.43	1.15
BLY	155.8	146	Pn	7:23:32.36	0.71
			Sn	23:51.21	-0.21
KOVH	159.3	83	Pn	7:23:30.99	-1.10
MPLH	180.7	39	Pn	7:23:34.91	0.15
RONA	200.3	5	Pn	7:23:38.10	0.89
			Sn	24:06.97	5.66*
PKSM	202.6	80	Pn	7:23:36.22	-1.27
MORH	202.9	80	Pn	7:23:36.23	-1.30
MYKA	203.2	293	Pn	7:23:38.03	0.47
			Sn	24:07.12	5.18*
PKST	213.4	45	Pn	7:23:39.28	0.44
CONA	225.5	356	Pn	7:23:41.70	1.36
CSKK	233.8	46	Pn	7:23:42.05	0.67
MODS	289.6	19	ePn	7:23:49.10	0.76
			eSn	24:18.20	-2.91*
BBLs	348.2	131	Pn	7:23:55.76	0.11*
KHC	404.5	332	ePn	7:24:03.80	1.13*
			eSn	24:46.40	-0.22*

1192.

2018-11-26 time: 9:08:54.84 UTC ML= 1.5
 lat: 48.616N lon: 20.788E h= 0.0 km
 erh= 2.2km erz= 4.8km
 nr= 9 gap=116 rms=0.51
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	26.8	236	Pg	9:08:59.70	0.07
			Sg	09:03.30	-0.06
ABAH	48.8	137	Pg	9:09:04.33	0.78
			Sg	09:10.12	-0.23
STHS	95.0	21	ePg	9:09:11.40	-0.41
PSZ	102.1	221	Pg	9:09:26.33	-0.97
LANs	113.6	302	Pg	9:09:15.30	0.17
VYHS	144.8	265	ePn	9:09:20.40	0.48
			eSn	09:37.90	-1.59

1193.

2018-11-26 time: 13:03:31.28 UTC ML= 1.8
 lat: 48.207N lon: 21.275E h= 0.0 km
 erh= 6.4km erz= ***km
 nr= 5 gap=158 rms=0.74
 Locality: Mád
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	10.3	345	Pg	13:03:33.17	0.05
			Sg	03:34.45	-0.10
TRPA	94.4	95	Pg	13:03:47.23	-0.91
			Sg	04:02.81	1.53
PSZ	107.8	253	Sg	13:04:05.65	0.10

1194.

2018-11-27 time: 10:10:45.58 UTC ML= 1.2
 lat: 47.757N lon: 18.669E h= 0.0 km
 erh= 6.0km erz= 418km
 nr= 7 gap=199 rms=0.28
 Locality: Tát
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	45.7	207	Pg	10:10:53.97	0.23
			Sg	10:59.70	-0.41
CSKK	53.5	215	Pg	10:10:55.03	-0.11
			Sg	11:02.77	0.18
PKST	73.2	221	Pg	10:10:59.05	0.40
			Sg	11:08.52	-0.32
VYHS	82.8	9	Sg	10:11:11.68	-0.23

1195.

2018-11-27 time: 11:02:38.53 UTC ML= 1.9
 lat: 47.328N lon: 18.442E h= 0.0 km
 erh= 1.5km erz= 330km
 nr= 6 gap=202 rms=0.20
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.1	331	Pg	11:02:40.13	0.16
			Sg	02:40.83	-0.26
CSKK	14.3	286	Pg	11:02:41.31	0.23
			Sg	02:43.13	0.06
PKST	31.8	256	Sg	11:02:48.43	-0.22
PKSM	125.1	173	Sg	11:03:18.08	-0.20

Földrengés paraméterek

Hypocenter Parameters

1196.

2018-11-27 time: 22:29:35.45 UTC ML= 1.6
 lat: 47.829N lon: 18.629E h= 12.2 km
 erh= 1.5km erz= 1.4km
 nr= 25 gap= 63 rms=0.73
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SRO	23.7	266	Pg	22:29:40.25	0.04
			Sg	29:42.78	-1.15
A338	29.3	315	Pg	22:29:42.03	0.92
			Sg	29:46.28	0.75
BUD	48.5	142	Sg	22:29:51.51	0.16
PENC	49.1	95	Pg	22:29:45.27	0.78
			Sg	29:51.40	-0.13
PKSG	51.8	200	Pg	22:29:45.58	0.63
			Sg	29:51.86	-0.50
A336	52.8	32	Pg	22:29:45.32	0.20
			Sg	29:51.60	-1.07
CSKK	58.7	208	Sg	22:29:53.76	-0.76
			Pg	22:29:49.15	0.03
VYHS	75.6	12	Sg	29:57.63	-2.15
			Pg	22:29:49.44	-0.03
PKST	77.6	215	Sg	29:59.73	-0.68
			Sn	22:30:09.20	0.11
MPLH	110.0	228	Sn	22:30:08.66	-0.94
MODS	117.5	301	ePn	22:29:56.00	0.43
			eSn	30:09.70	-1.56
MORH	179.3	180	Pn	22:30:04.58	1.30
			Sn	30:24.59	-0.40
PKSM	179.8	180	Pn	22:30:04.42	1.08
			Sn	30:24.24	-0.84
CONA	207.3	273	Sn	22:30:31.17	-0.02

1197.

2018-11-28 time: 10:00:01.59 UTC ML= 0.8
 lat: 46.164N lon: 18.298E h= 0.0 km
 erh= 1.3km erz= 259km
 nr= 8 gap=196 rms=0.18
 Locality: Zobákpuszta
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	17.5	241	Pg	10:00:04.43	-0.28
			Sg	00:07.49	0.35
PKSM	27.0	79	Pg	10:00:06.33	-0.09
			Sg	00:10.08	-0.11
MORH	27.3	78	Pg	10:00:06.58	0.10
			Sg	00:10.53	0.25
PKSV	30.8	187	Pg	10:00:07.14	0.05
			Sg	00:11.25	-0.13

1198.

2018-11-28 time: 10:17:45.05 UTC ML= 0.9
 lat: 47.194N lon: 18.291E h= 0.0 km
 erh= 2.3km erz= 610km
 nr= 6 gap=147 rms=0.35
 Locality: Sárkeszi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	19.0	353	Pg	10:17:48.70	0.25
			Sg	17:50.57	-0.52
PKST	20.8	291	Pg	10:17:49.21	0.45
			Sg	17:51.33	-0.33
PKSG	23.3	19	Sg	10:17:52.54	0.08
PKSM	112.4	166	Sg	10:18:20.44	-0.33

1199.

2018-11-28 time: 10:18:07.44 UTC ML= 1.8
 lat: 47.311N lon: 17.624E h= 0.0 km
 erh= 1.0km erz= 331km
 nr= 9 gap= 97 rms=0.25
 Locality: Homokbödöge
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	16.9	202	Pg	10:18:10.45	0.00
			Sg	18:12.80	0.00
EGYH	25.0	298	Pg	10:18:11.90	-0.01
			Sg	18:15.30	-0.10
PKST	31.6	100	Pg	10:18:12.97	-0.10
			Sg	18:17.78	0.31
CSKK	48.5	83	Sg	10:18:21.19	-1.65
PKS9	94.6	148	Pg	10:18:24.19	-0.15
A338	95.6	35	Pg	10:18:24.78	0.28

1200.

2018-11-28 time: 12:33:10.75 UTC ML= 1.7
 lat: 48.572N lon: 20.772E h= 0.0 km
 erh= 1.7km erz= 2.6km
 nr= 13 gap= 90 rms=0.73
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.3	245	Pg	12:33:15.39	0.47
			Sg	33:18.16	-0.01
ABAH	46.2	132	Pg	12:33:19.82	0.81
			Sg	33:25.67	0.22
PSZ	97.6	222	Pg	12:33:28.86	0.68
			Sg	33:41.32	-0.46
NIE	100.0	340	Pg	12:33:29.10	0.50
			Sg	33:41.94	-0.59
STHS	100.1	20	Pg	12:33:29.13	0.51
KOLS	117.5	70	Sg	12:33:46.76	-1.33
A336	136.6	254	Sn	12:33:52.33	-1.25
VYHS	143.2	267	Pn	12:33:35.61	-0.03
			Sn	33:53.51	-1.55

1201.

2018-11-28 time: 19:59:52.52 UTC ML= 2.3
 lat: 47.949N lon: 16.447E h= 10.0 km
 erh= 1.3km erz= 1.2km
 nr= 47 gap= 40 rms=0.81
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	29.9	202	Pg	19:59:58.11	-0.04
			Sg	20:00:01.93	-0.60
SOP	30.6	164	PgD	19:59:58.64	0.36
			Sg	20:00:02.37	-0.39
CONA	43.8	267	Pg	19:60:00.36	-0.18
			Sg	60:05.87	-0.93
MODS	77.8	53	ePg	19:60:06.40	-0.13
			eSg	60:17.50	0.05
EGYH	88.9	132	Pg	19:60:08.93	0.43
			Sg	60:20.25	-0.71
SMOL	96.3	49	Pg	19:60:09.68	-0.13
			Sg	60:23.88	0.59
ARSA	104.2	222	P*	19:60:10.20	-0.98
			S*	60:22.32	-3.41
A337	105.3	72	P*	19:60:12.31	0.96
MPLH	119.4	136	Pn	19:60:12.98	-0.18
			Sn	60:28.76	-0.50
KRUC	123.9	358	Pn	19:60:13.22	-0.50
			Sn	60:28.17	-2.09
PKST	141.9	123	Pn	19:60:16.27	0.31
			Sn	60:33.34	-0.91

Hypocenter Parameters

Földrengés paraméterek

A338	142.5	87	Pn	19:60:17.57	1.53
CSKK	151.0	116	Pn	19:60:16.85	-0.25
			Sn	60:35.60	-0.68
VRAC	151.6	4	Pn	19:60:17.19	0.01
			Sn	60:34.63	-1.78
MOA	163.5	266	Pn	19:60:19.50	0.84
			Sn	60:39.59	0.55
TREC	165.6	335	ePn	19:60:19.20	0.27
			eSn	60:37.50	-2.02
SOKA	177.2	217	Pn	19:60:21.05	0.68
			Sn	60:41.64	-0.45
PERS	177.3	215	Pn	19:60:21.34	0.96
			Sn	60:42.24	0.13
VYHS	187.6	71	Pn	19:60:21.53	-0.14
BIOA	212.3	262	Pn	19:60:25.89	1.15
			Sn	60:52.23	2.35
MORC	218.6	22	Pn	19:60:25.85	0.31
			Sn	60:49.57	-1.72
ZVC	234.6	315	eSn	19:60:56.10	1.27
KRLC	237.8	6	ePn	19:60:29.20	1.27
			eSn	60:59.40	3.86*
KOVH	242.0	149	Pn	19:60:28.95	0.50
CRES	247.7	198	Pn	19:60:30.31	1.15
KHC	249.3	302	ePn	19:60:31.90	2.53
			eSn	20:01:01.60	3.49*
MORH	254.8	139	Pn	19:60:30.15	0.10
PKSM	255.0	139	Pn	19:60:30.24	0.16

1202.

2018-11-28 time: 20:44:45.38 UTC ML= 2.5
 lat: 47.944N lon: 16.449E h= 11.2 km
 erh= 1.4km erz= 1.2km
 nr= 52 gap= 47 rms=0.88
 Locality: Austria
 Comments:

sta	dist	azm	phase	hr mn sec	res
RONA	29.5	203	Pg	20:44:51.00	-0.01
			Sg	44:54.86	-0.54
SOP	30.1	164	Pg	20:44:51.54	0.42
			Sg	44:55.24	-0.35
CONA	43.9	268	Pg	20:44:53.26	-0.22
			Sg	44:58.24	-1.56
MODS	78.0	52	ePg	20:44:59.30	-0.15
			eSg	45:10.40	-0.02
EGYH	88.4	131	Pg	20:45:02.10	0.80
			Sg	45:12.96	-0.76
SMOL	96.5	49	Pg	20:45:02.75	0.02
			Sg	45:15.66	-0.60
ARSA	103.9	222	P*	20:45:03.07	-0.82
			S*	45:15.22	-3.11
A337	105.3	72	P*	20:45:04.96	0.86
MPLH	118.9	136	Pn	20:45:06.52	0.71
KRUC	124.4	358	Pn	20:45:06.10	-0.40
			Sn	45:20.69	-2.28
PKST	141.4	123	Pn	20:45:09.05	0.42
			Sn	45:25.57	-1.19
A338	142.3	87	Pn	20:45:10.97	2.24
CSKK	150.6	115	Pn	20:45:10.26	0.49
			Sn	45:28.09	-0.70
VRAC	152.1	4	Pn	20:45:09.96	0.01
			Sn	45:27.45	-1.67
PKSG	158.2	113	Sn	20:45:30.27	-0.21
MOA	163.6	266	Pn	20:45:12.21	0.82
			Sn	45:32.49	0.82
TREC	166.1	335	ePn	20:45:11.90	0.20
			eSn	45:30.30	-1.93
SOKA	176.9	217	Pn	20:45:14.25	1.21
			Sn	45:34.43	-0.19
PERS	177.0	215	Sn	20:45:33.85	-0.79
GROS	179.8	204	Pn	20:45:14.14	0.73
			Sn	45:35.26	-0.01
VYHS	187.6	71	Pn	20:45:14.18	-0.20
A336	192.7	80	Pn	20:45:15.81	0.80

BIOA	212.4	262	Pn	20:45:18.59	1.12
			Sn	45:44.52	2.02
PKB1	219.0	126	Pn	20:45:19.14	0.85
			Sn	45:43.49	-0.47
MORC	219.0	21	Pn	20:45:18.77	0.47
			Sn	45:42.55	-1.43
PKB5	229.0	131	Sn	20:45:44.67	-1.51
PKB4	229.2	135	Sn	20:45:44.49	-1.74
ZVC	235.1	315	eSn	20:45:49.10	1.57
KRLC	238.3	6	Pn	20:45:21.42	0.72
			Sn	45:48.08	-0.17
KOVH	241.5	149	Pn	20:45:21.51	0.41
			Sn	45:46.19	-2.77
MORH	254.4	139	Pn	20:45:22.90	0.19
PKSM	254.6	139	Pn	20:45:23.02	0.29

1203.

2018-11-29 time: 8:45:34.58 UTC ML= 1.3
 lat: 48.802N lon: 18.968E h= 0.0 km
 erh= 6.2km erz= 8.7km
 nr= 6 gap=157 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
VYHS	35.6	196	Pg	8:45:41.56	0.63
			Sg	45:44.54	-1.34
A336	63.3	178	Pg	8:45:46.69	0.81
			Sg	45:53.97	-0.72
MORC	150.0	316	Sn	8:46:20.66	0.26
OJC	168.8	21	Sn	8:46:23.93	-0.63

1204.

2018-11-29 time: 9:36:15.18 UTC ML= 1.9
 lat: 46.989N lon: 22.839E h= 8.3 km
 erh= 9.6km erz= 2.9km
 nr= 5 gap=233 rms=0.34
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
DRGR	24.0	204	Pg	9:36:20.11	0.40
			Sg	36:22.72	-0.52
ARCR	115.6	85	Sn	9:36:51.44	-0.04
BZS	179.2	212	Pn	9:36:43.30	-0.21
			Sn	37:05.80	0.20

1205.

2018-11-29 time: 9:38:08.48 UTC ML= 1.6
 lat: 47.333N lon: 18.462E h= 0.0 km
 erh= 1.2km erz= 3.5km
 nr= 9 gap=115 rms=0.40
 Locality: Lovasberény
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	8.5	320	Pg	9:38:10.32	0.33
			Sg	38:10.86	-0.31
CSKK	15.6	282	Pg	9:38:11.62	0.35
			Sg	38:13.13	-0.31
PKST	33.4	256	Pg	9:38:14.84	0.39
			Sg	38:18.81	-0.29
MORH	125.0	174	Sg	9:38:48.04	-0.18
PSZ	125.8	59	Sg	9:38:48.39	-0.07
VYHS	132.0	12	Sn	9:38:48.84	-1.47

Földrengés paraméterek

Hypocenter Parameters

1206.
 2018-11-29 time: 10:00:03.10 UTC ML= 2.2
 lat: 48.367N lon: 17.258E h= 0.0 km
 erh= 4.4km erz= 964km
 nr= 7 gap=207 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
SMOL	20.6	38	Pg	10:00:06.80			0.02
			Sg		00:09.19		-0.47
KRUC	100.0	321	Pg	10:00:21.76			0.81
			Sg		00:35.31		0.43
CONA	114.8	245	Sg	10:00:39.09			-0.50
VRAC	115.4	335	Pg	10:00:23.92			0.20
			Sg		00:38.23		-1.57

1207.

2018-11-29 time: 10:14:11.43 UTC ML= 1.2
 lat: 45.886N lon: 18.427E h= 0.0 km
 erh= 1.4km erz= 267km
 nr= 10 gap=227 rms=0.21
 Locality: Villánykövesd
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PKSV	13.5	271	Pg	10:14:13.98			0.13
			Sg		14:15.56		-0.17
KOVH	33.9	312	Pg	10:14:17.57			0.09
			Sg		14:22.29		0.09
PKSM	39.9	25	Pg	10:14:18.20			-0.35
			Sg		14:24.30		0.19
MORH	40.4	25	Pg	10:14:18.57			-0.07
			Sg		14:24.50		0.23
PKB3	84.3	45	Sg	10:14:38.46			0.24
PKB1	103.8	16	Sg	10:14:44.08			-0.34

1208.

2018-11-29 time: 10:16:04.99 UTC ML= 1.0
 lat: 47.210N lon: 18.300E h= 0.0 km
 erh= 3.3km erz= 432km
 nr= 6 gap=266 rms=0.26
 Locality: Moha
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	17.3	350	Pg	10:16:08.02			-0.05
			Sg		16:09.85		-0.62
PKST	20.8	285	Pg	10:16:08.56			-0.14
			Sg		16:11.94		0.34
PKSG	21.3	19	Pg	10:16:08.94			0.15
			Sg		16:11.97		0.21

1209.

2018-11-29 time: 10:38:16.04 UTC ML= 1.8
 lat: 48.586N lon: 20.754E h= 0.0 km
 erh= 1.8km erz= 2.5km
 nr= 13 gap=115 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	22.9	240	Pg	10:38:20.49			0.36
			Sg		38:23.33		0.01
ABAH	48.3	132	Pg	10:38:24.72			0.06
			Sg		38:30.29		-1.10
PSZ	97.9	221	Pg	10:38:34.06			0.53
			Sg		38:47.32		0.15
STHS	99.1	21	ePg	10:38:33.90			0.17
			eSg		38:46.90		-0.63

KOLS	118.2	71	ePg	10:38:38.20			1.06
			eSg		38:52.30		-1.30
A336	135.7	253	Sn	10:38:58.23			-0.46
VYHS	142.0	266	Pn	10:38:40.64			-0.14
			Sn		38:58.78		-1.30

1210.

2018-11-30 time: 10:31:09.16 UTC ML= 1.1
 lat: 47.203N lon: 18.298E h= 0.0 km
 erh= 1.8km erz= 3.0km
 nr= 10 gap=148 rms=0.45
 Locality: Székesfehérvár
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
CSKK	18.1	351	Pg	10:31:12.63			0.24
			Sg		31:14.36		-0.54
PKST	20.9	287	Pg	10:31:12.90			0.00
			Sg		31:15.88		0.06
PKSG	22.1	18	Pg	10:31:13.32			0.20
			Sg		31:15.81		-0.39
MORH	112.9	166	Sg	10:31:44.37			-0.67
PKSM	113.2	167	Sg	10:31:45.33			0.17
VYHS	149.1	16	Pn	10:31:36.17			1.38
			Sn		31:54.52		-0.25

1211.

2018-11-30 time: 10:43:02.82 UTC ML= 1.9
 lat: 45.619N lon: 17.346E h= 11.7 km
 erh= 1.9km erz= 2.1km
 nr= 15 gap=120 rms=0.47
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PKSV	76.6	67	Pg	10:43:17.10			0.45
			Sg		43:26.94		-0.51
KOVH	78.4	48	Pg	10:43:17.27			0.30
			Sg		43:26.79		-1.22
BLY	97.6	187	P*	10:43:20.13			-0.18
			S*		43:33.82		-0.14
BEHE	104.4	335	P*	10:43:21.74			0.40
ZAG	107.8	282	Pn	10:43:21.89			0.10
PTJ	112.4	286	Pn	10:43:21.84			-0.53
			Sn		43:35.63		-1.99
PKSM	120.2	57	Pn	10:43:23.53			0.19
			Sn		43:39.34		0.00
MORH	120.6	57	Pn	10:43:23.52			0.13
CRES	148.9	279	Pn	10:43:27.57			0.66
			Sn		43:45.69		-0.02

1212.

2018-11-30 time: 11:01:35.21 UTC ML= 1.6
 lat: 48.548N lon: 20.750E h= 0.0 km
 erh= 3.3km erz= 4.8km
 nr= 7 gap=220 rms=0.30
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
KECS	20.8	250	Pg	11:01:38.92			-0.01
			Sg		01:41.23		-0.60
ABAH	45.8	128	Pg	11:01:43.13			-0.26
			Sg		01:49.87		0.10
PSZ	94.6	222	Pg	11:01:52.58			0.48
			Sg		02:05.30		0.03
VYHS	141.5	268	Pn	11:01:59.99			0.10

Hypocenter Parameters

Földrengés paraméterek

1213.

 2018-12-01 time: 9:38:56.38 UTC ML= 1.0
 lat: 47.544N lon: 18.687E h= 0.0 km
 erh= 2.0km erz= 651km
 nr= 13 gap=128 rms=0.54
 Locality: Zsámbék
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
BUD	26.2	105	Pg	9:39:01.69	0.63
			Sg	39:04.39	-0.32
PKSG	28.0	233	Pg	9:39:01.71	0.33
			Sg	39:04.98	-0.30
CSKK	37.9	238	Sg	9:39:08.07	-0.36
PENC	52.4	58	Sg	9:39:13.56	0.53
PKST	58.6	237	Pg	9:39:07.10	0.26
			Sg	39:14.45	-0.55
MPLH	96.1	244	Sg	9:39:26.95	0.01
PSZ	99.7	65	Sg	9:39:27.03	-1.03
EGYH	103.1	262	Sg	9:39:29.46	0.31
VYHS	106.2	6	Pg	9:39:15.65	0.31
			Sg	39:28.10	-2.04

1214.

 2018-12-01 time: 11:29:45.62 UTC ML= 1.3
 lat: 47.352N lon: 18.469E h= 0.0 km
 erh= 3.1km erz= 970km
 nr= 7 gap=115 rms=0.65
 Locality: Csákvár
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.4	307	Pg	11:29:47.54	0.60
			Sg	29:48.20	0.23
CSKK	15.8	275	Pg	11:29:48.68	0.24
			Sg	29:50.16	-0.48
PSZ	124.3	60	Sg	11:30:25.76	0.63
PKSM	127.4	174	Sg	11:30:25.36	-0.75
VYHS	130.0	12	Sg	11:30:25.46	-1.47

1215.

 2018-12-01 time: 11:34:28.25 UTC ML= 1.3
 lat: 47.348N lon: 18.438E h= 0.0 km
 erh= 3.2km erz= 684km
 nr= 7 gap=210 rms=0.45
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	6.0	323	Pg	11:34:29.36	0.03
			Sg	34:29.75	-0.42
CSKK	13.5	277	Pg	11:34:30.79	0.12
			Sg	34:32.32	-0.24
PKST	32.1	252	Pg	11:34:34.88	0.89
			Sg	34:38.32	-0.15
MORH	126.9	173	Sg	11:35:07.90	-0.69

1216.

 2018-12-03 time: 10:15:07.00 UTC ML= 1.4
 lat: 47.845N lon: 19.109E h= 0.0 km
 erh= 1.5km erz= 514km
 nr= 10 gap=117 rms=0.40
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	14.3	115	Pg	10:15:09.79	0.24
			Sg	15:11.67	0.14
A336	44.0	349	Pg	10:15:15.41	0.56
			Sg	15:20.91	-0.06

PSZ	59.3	82	Pg	10:15:17.41	-0.18
			Sg	15:25.38	-0.47
PKSG	73.9	227	Sg	10:15:29.95	-0.52
VYHS	75.0	344	Pg	10:15:20.79	0.40
			Sg	15:29.94	-0.89
KECS	124.6	55	ePg	10:15:29.30	0.05

1217.

 2018-12-03 time: 10:30:17.61 UTC ML= 1.3
 lat: 47.332N lon: 18.440E h= 0.0 km
 erh= 1.8km erz= 422km
 nr= 8 gap=202 rms=0.30
 Locality: Zámoly
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	7.6	331	PgU	10:30:19.12	0.15
			Sg	30:19.69	-0.34
CSKK	14.0	284	Pg	10:30:20.40	0.29
PKST	31.7	255	Pg	10:30:21.98	-0.07
			Sg	30:21.98	-0.07
PKSM	125.5	173	Pg	10:30:23.67	0.40
			Sg	30:27.20	-0.49
MORH	125.1	173	Sg	10:30:57.00	-0.36
PKSM	125.5	173	Sg	10:30:57.41	-0.08

1218.

 2018-12-03 time: 11:25:12.43 UTC ML= 1.2
 lat: 48.308N lon: 19.806E h= 0.0 km
 erh= 2.0km erz= 574km
 nr= 6 gap=143 rms=0.33
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	43.9	171	Pg	11:25:20.56	0.29
KECS	53.9	69	Sg	25:26.20	-0.18
			Pg	11:25:21.81	-0.25
VYHS	74.8	286	Sg	25:29.90	0.33
			Pg	11:25:25.35	-0.43
			Sg	25:36.63	0.43

1219.

 2018-12-03 time: 12:15:41.75 UTC ML= 1.5
 lat: 46.801N lon: 17.400E h= 0.0 km
 erh= 4.1km erz= 768km
 nr= 9 gap=229 rms=0.57
 Locality: Szigliget
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
TIH	39.1	74	Sg	12:15:54.63	0.43
MPLH	42.4	14	Pg	12:15:48.29	-1.03
PKST	70.1	43	Pg	12:15:54.23	-0.04
CSKK	90.4	46	Pg	12:15:58.54	0.64
KOVH	95.7	146	Pg	12:15:59.35	0.50
MORH	115.5	124	Pg	12:16:02.06	-0.32
			Sg	16:18.05	-0.42
PKSM	115.6	125	Pg	12:16:02.96	0.57
			Sg	16:17.80	-0.69

1220.

 2018-12-04 time: 8:20:08.60 UTC ML= 1.2
 lat: 47.106N lon: 18.090E h= 0.0 km
 erh= 1.7km erz= 609km
 nr= 12 gap=132 rms=0.50
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.6	346	Pg	8:20:11.04	-0.70

Földrengés paraméterek

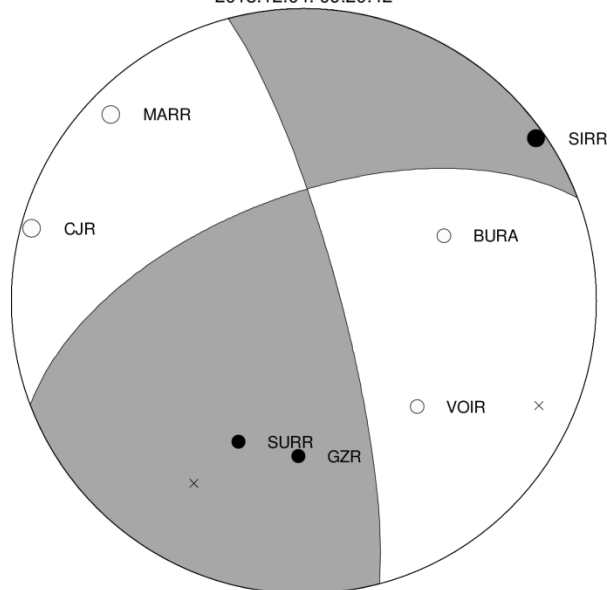
		Sg	20:13.91	-0.27
TIH	27.3	Pg	8:20:13.39	-0.09
CSKK	31.4	Pg	8:20:14.05	-0.16
		Sg	20:19.17	0.58
MPLH	42.3	Pg	8:20:16.77	0.61
		Sg	20:21.82	-0.24
PKS9	59.4	Pg	8:20:20.08	0.86
MORH	107.6	Pg	8:20:28.16	0.33
		Sg	20:42.32	-0.50
PKSM	108.0	Pg	8:20:27.88	0.00
		Sg	20:42.11	-0.81

1221.

2018-12-04 time: 9:20:42.29 UTC ML= 1.7
 lat: 46.852N lon: 22.854E h= 4.2 km
 erh= 3.2km erz= 2.0km
 nr= 18 gap=102 rms=0.84
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr mn sec	res
DRGR	12.8	239	Pg	9:20:45.06	0.37
			Sg	20:47.42	0.85
MARR	28.1	134	PgD	9:20:46.82	-0.54
			Sg	20:50.60	-0.72
CJR	58.9	105	PgD	9:20:52.35	-0.47
SIRR	112.3	235	PgC	9:21:02.20	-0.15
			Sg	21:16.80	-1.20
SURR	134.3	205	PnC	9:21:05.64	0.11
			Sn	21:22.00	-1.66
GZR	162.2	182	PnC	9:21:09.96	0.95
			Sn	21:30.50	0.65
BZS	167.2	215	Pn	9:21:09.59	-0.04
			Sn	21:32.13	1.17
BURA	198.0	65	PnD	9:21:14.95	1.48
			Sn	21:37.90	0.11
ABAH	201.4	323	Sn	9:21:36.35	-2.19
VOIR	231.3	133	PnD	9:21:19.16	1.54
			Sn	21:45.00	-0.18

2018.12.04. 09:20:42



Hypocenter Parameters

1222.

2018-12-04 time: 9:48:20.68 UTC ML= 1.8
 lat: 48.506N lon: 17.516E h= 2.7 km
 erh= 1.9km erz= 1.1km
 nr= 8 gap=242 rms=0.20
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SMOL	6.5	277	Pg	9:48:21.94	0.00
			Sg	48:22.85	-0.07
KRUC	103.0	307	Pg	9:48:39.52	0.45
			Sg	48:53.43	0.01
VRAC	111.9	323	Pg	9:48:40.42	-0.25
			Sg	48:56.19	-0.08
CONA	138.7	242	Sn	9:49:03.37	-0.01
MORC	141.3	1	Sn	9:49:03.92	-0.03

1223.

2018-12-04 time: 10:29:54.75 UTC ML= 1.7
 lat: 48.561N lon: 20.810E h= 0.0 km
 erh= 4.0km erz= 5.0km
 nr= 9 gap= 91 rms=1.12
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.5	250	Pg	10:29:58.65	-0.65
			Sg	30:01.77	-1.07
ABAH	43.4	133	Sg	10:30:09.33	0.79
PSZ	98.6	224	Pg	10:30:13.51	1.14
			Sg	30:26.11	0.00
NIE	102.1	339	Pg	10:30:14.77	1.79
KOLS	115.3	69	Sg	10:30:30.64	-0.77
TRPA	136.9	110	Sn	10:30:35.93	-1.72
A336	139.0	255	Sn	10:30:37.04	-1.07

1224.

2018-12-04 time: 11:30:24.12 UTC ML= 1.7
 lat: 48.104N lon: 18.956E h= 0.0 km
 erh= 2.0km erz= 789km
 nr= 10 gap=115 rms=0.62
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	14.7	13	Pg	11:30:26.57	-0.18
			Sg	30:28.74	-0.05
PENC	42.5	145	Sg	11:30:38.59	0.95
A338	46.0	258	Pg	11:30:32.15	-0.19
			Sg	30:39.27	0.51
SRO	57.9	236	Sg	11:30:42.66	0.15
PSZ	73.0	106	Pg	11:30:38.09	0.93
			Sg	30:46.45	-0.88
PKSG	89.8	208	Sg	11:30:52.09	-0.58
PKST	116.7	216	Sg	11:31:00.26	-0.95

1225.

2018-12-05 time: 9:02:41.47 UTC ML= 1.5
 lat: 47.867N lon: 19.147E h= 0.0 km
 erh= 2.3km erz= 399km
 nr= 6 gap=211 rms=0.25
 Locality: Nőtincs
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	13.2	130	Pg	9:02:43.68	-0.14
			Sg	02:45.47	-0.19
A336	42.2	345	Sg	9:02:54.67	-0.19
PSZ	56.2	84	Pg	9:02:51.99	0.49

Hypocenter Parameters

Földrengés paraméterek

VYHS 73.4 342 Sg 02:59.30 -0.02
 Sg 9:03:04.79 -0.01

1226.

2018-12-05 time: 9:49:37.32 UTC ML= 1.4
 lat: 46.125N lon: 17.974E h= 0.0 km
 erh= 2.9km erz= 4.7km
 nr= 14 gap=203 rms=0.74
 Locality: Dinnyeberki
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	10.6	113	Pg	9:49:39.46	0.25
			Sg	49:40.82	0.13
PKSV	34.0	141	Pg	9:49:43.69	0.29
			Sg	49:47.41	-0.73
PKSM	52.5	79	Pg	9:49:46.66	-0.03
			Sg	49:53.31	-0.69
MORH	52.7	79	Pg	9:49:46.73	-0.01
			Sg	49:53.31	-0.78
PKS9	56.4	25	Sg	9:49:56.03	0.77
PKB5	78.5	48	Pg	9:49:52.75	1.41
			Sg	50:03.39	1.11
MPLH	120.8	344	Sg	9:50:15.12	-0.60
PKST	126.1	2	Sg	9:50:16.33	-1.08
CSKK	139.3	9	Sn	9:50:19.50	-1.27

1227.

2018-12-05 time: 10:01:52.56 UTC ML= 1.5
 lat: 48.591N lon: 20.746E h= 0.0 km
 erh= 1.5km erz= 1.7km
 nr= 8 gap=226 rms=0.37
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.7	238	Pg	10:01:57.11	0.50
			Sg	01:59.62	-0.14
ABAH	49.1	132	Pg	10:02:01.28	-0.05
			Sg	02:07.71	-0.46
PSZ	98.0	220	Pg	10:02:10.34	0.29
			Sg	02:23.65	-0.05
A336	135.3	253	Sn	10:02:33.89	-1.22
VYHS	141.4	266	Pn	10:02:17.22	-0.01

1228.

2018-12-05 time: 10:17:50.27 UTC ML= 0.8
 lat: 47.246N lon: 18.266E h= 0.0 km
 erh= 1.0km erz= 136km
 nr= 6 gap=244 rms=0.08
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
CSKK	13.0	358	Pg	10:17:52.77	0.18
			Sg	17:54.35	-0.05
PKST	17.6	275	Pg	10:17:53.40	-0.02
			Sg	17:55.84	-0.03
PKSG	18.7	30	Pg	10:17:53.57	-0.04
			Sg	17:56.19	-0.03

1229.

2018-12-06 time: 8:35:52.24 UTC ML= 1.0
 lat: 47.357N lon: 18.407E h= 0.0 km
 erh= 5.6km erz= ***km
 nr= 6 gap=142 rms=0.98
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.1	342	Pg	8:35:52.65	-0.33
			Sg	35:53.21	-0.34
NADP	19.3	125	Sg	8:35:59.13	0.74
PKST	30.2	249	Pg	8:35:58.56	0.92
			Sg	36:02.00	0.15
MORH	128.1	172	Sg	8:36:30.03	-2.93

1230.

2018-12-06 time: 8:44:50.36 UTC ML= 1.5
 lat: 47.354N lon: 18.386E h= 0.0 km
 erh= 2.6km erz= 5.5km
 nr= 9 gap=117 rms=0.90
 Locality: Gánt
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	4.2	5	PgU	8:44:51.51	0.40
			Sg	44:51.76	0.06
NADP	20.6	121	Pg	8:44:54.20	0.17
			Sg	44:57.87	0.98
PKST	28.6	248	Pg	8:44:56.05	0.58
			Sg	45:00.27	0.82
MORH	128.1	171	Sg	8:45:29.65	-1.42
PKSM	128.5	171	Sg	8:45:29.65	-1.55
VYHS	131.1	15	Sn	8:45:30.27	-1.71

1231.

2018-12-06 time: 9:31:38.63 UTC ML= 1.5
 lat: 48.599N lon: 20.790E h= 0.0 km
 erh= 3.0km erz= 3.4km
 nr= 10 gap=166 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.9	240	Pg	9:31:43.63	0.37
			Sg	31:47.46	0.59
ABAH	47.3	135	Pg	9:31:47.61	0.53
			Sg	31:53.50	-0.17
PSZ	100.7	221	Pg	9:31:56.86	0.24
			Sg	32:09.74	-0.91
KOLS	115.2	71	Sg	9:32:14.89	-0.36
A336	138.7	253	Sn	9:32:20.47	-1.47
VYHS	144.7	265	Pn	9:32:04.27	0.55
			Sn	32:22.27	-1.01

1232.

2018-12-06 time: 11:02:41.07 UTC ML= 1.5
 lat: 48.571N lon: 20.345E h= 0.0 km
 erh= 8.3km erz= ***km
 nr= 6 gap=209 rms=0.83
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	14.3	133	Pg	11:02:43.96	0.33
			Sg	02:45.72	0.10
ABAH	73.0	115	Sg	11:03:03.31	-0.95
PSZ	80.0	205	Pg	11:02:56.66	1.31
			Sg	03:05.80	-0.68
VYHS	111.7	266	Sg	11:03:15.70	-0.89

1233.

2018-12-06 time: 11:11:33.80 UTC ML= 1.2
 lat: 47.127N lon: 18.085E h= 0.0 km
 erh= 2.9km erz= 632km
 nr= 6 gap=172 rms=0.37
 Locality: Vilonya
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
PKST	15.1	345	Pg	11:11:36.55	0.05
			Sg	11:38.94	0.33
MPLH	41.7	277	Pg	11:11:41.65	0.41
			Sg	11:47.01	-0.03
EGYH	65.5	299	Pg	11:11:44.75	-0.74
PKSM	110.3	157	Pg	11:11:53.45	-0.04

1234.

2018-12-06 time: 12:20:52.68 UTC ML= 1.2
 lat: 48.189N lon: 19.794E h= 0.0 km
 erh= 4.6km erz= ***km
 nr= 6 gap=122 rms=0.82
 Locality: Somoskő
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	31.0	166	Pg	12:20:57.92	-0.30
			Sg	21:02.86	0.33
A336	59.3	275	Pg	12:21:04.05	0.78
KECS	60.8	57	Sg	12:21:11.10	-0.92
VYHS	78.7	296	Pg	12:21:07.54	0.80
			Sg	21:16.16	-1.54

1235.

2018-12-07 time: 9:41:53.87 UTC ML= 0.7
 lat: 46.167N lon: 18.307E h= 0.0 km
 erh= 0.8km erz= 172km
 nr= 8 gap=197 rms=0.12
 Locality: Zobákpusztá
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	18.3	241	Pg	9:41:57.20	0.07
			Sg	41:59.70	0.03
PKSM	26.3	79	Pg	9:41:58.40	-0.17
			Sg	42:02.55	0.32
MORH	26.6	78	Pg	9:41:58.54	-0.08
			Sg	42:02.45	0.13
PKSV	31.3	188	Pg	9:41:59.45	-0.01
			Sg	42:03.72	-0.09

1236.

2018-12-07 time: 11:25:28.83 UTC ML= 1.8
 lat: 48.237N lon: 21.257E h= 0.0 km
 erh= 1.2km erz= 345km
 nr= 8 gap=154 rms=0.24
 Locality: Tállya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
ABAH	6.7	349	Pg	11:25:30.14	0.11
			Sg	25:31.10	0.14
KECS	63.4	296	Pg	11:25:40.01	-0.14
			Sg	25:48.70	-0.28
TRPA	96.1	97	Pg	11:25:46.11	0.12
			Sg	25:59.06	-0.31
PSZ	107.5	251	Pg	11:25:48.48	0.45
			Sg	26:02.73	-0.28

1237.

2018-12-07 time: 12:30:11.39 UTC ML= 1.6
 lat: 48.369N lon: 19.837E h= 0.0 km
 erh= 1.7km erz= 607km
 nr= 9 gap=106 rms=0.45
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	49.7	75	Pg	12:30:20.25	-0.01
			Sg	30:27.10	-0.08
PSZ	50.3	175	Pg	12:30:20.15	-0.22
			Sg	30:27.20	-0.17
VYHS	75.3	281	Pg	12:30:25.25	0.41
			Sg	30:35.33	-0.01
LANS	91.1	343	Sg	12:30:39.82	-0.51
ABAH	104.3	94	Pg	12:30:31.06	1.04
			Sg	30:43.89	-0.66

1238.

2018-12-10 time: 10:09:34.34 UTC ML= 0.7
 lat: 47.242N lon: 18.274E h= 0.0 km
 erh= 4.6km erz= 904km
 nr= 6 gap=176 rms=0.55
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	18.2	276	Pg	10:09:37.30	-0.29
			Sg	09:39.25	-0.88
PKSG	18.9	28	Pg	10:09:37.68	-0.04
			Sg	09:41.14	0.79
NADP	26.1	86	Sg	10:09:42.44	-0.20
MPLH	56.2	262	Sg	10:09:53.01	0.81

1239.

2018-12-10 time: 12:16:58.46 UTC ML= 1.6
 lat: 47.588N lon: 18.434E h= 0.0 km
 erh= 2.1km erz= 714km
 nr= 12 gap=117 rms=0.58
 Locality: Tatabánya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	22.0	189	Pg	12:17:02.01	-0.37
			Sg	17:04.54	-0.91
NADP	39.2	159	Pg	12:17:05.42	-0.04
			Sg	17:11.13	0.21
BUD	45.9	105	Pg	12:17:07.60	0.95
PKST	47.4	220	Pg	12:17:06.70	-0.21
			Sg	17:13.23	-0.28
A338	47.9	353	Pg	12:17:07.50	0.48
MPLH	82.0	236	Sg	12:17:25.41	0.90
A336	83.3	30	Sg	12:17:24.12	-0.81
VYHS	105.2	17	Pg	12:17:17.60	0.36
			Sg	17:31.05	-0.83

1240.

2018-12-11 time: 7:45:52.23 UTC ML= 1.2
 lat: 47.299N lon: 18.334E h= 0.0 km
 erh= 1.9km erz= 576km
 nr= 8 gap=123 rms=0.41
 Locality: Magyaralmás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	11.2	22	Pg	7:45:54.06	-0.18
			Sg	45:56.02	0.22
NADP	21.9	102	Pg	7:45:55.82	-0.32
			Sg	46:00.12	0.93
PKST	23.1	259	Pg	7:45:56.01	-0.35
			Sg	45:59.62	0.03
MPLH	61.9	257	Sg	7:46:12.59	0.69
PKSM	123.1	169	Pg	7:46:13.98	-0.23

Hypocenter Parameters

Földrengés paraméterek

1241.

2018-12-11 time: 8:47:30.74 UTC ML= 1.1
 lat: 47.936N lon: 19.351E h= 0.0 km
 erh= 0.8km erz= 233km
 nr= 5 gap=131 rms=0.10
 Locality: Magyarnándor
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	17.0	198	Pg	8:47:33.80	0.02
			Sg	47:36.08	-0.07
PSZ	40.7	93	Pg	8:47:38.16	0.15
			Sg	47:43.51	-0.16
VYHS	72.9	328	Sg	8:47:53.87	-0.03

1242.

2018-12-11 time: 8:59:37.46 UTC ML= 1.6
 lat: 46.092N lon: 22.684E h= 0.0 km
 erh= 8.4km erz=11.1km
 nr= 5 gap=188 rms=0.30
 Locality: Romania
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
DRGR	77.8	2	Pg	8:59:51.25	-0.10
			Sg	9:00:02.20	0.02
BZS	98.3	237	Pg	8:59:55.47	0.45
			Sg	9:00:08.23	-0.48
ARCR	169.0	49	Pn	8:60:05.51	-0.06

1243.

2018-12-11 time: 9:28:31.55 UTC ML= 1.4
 lat: 48.545N lon: 20.809E h= 0.0 km
 erh= 2.0km erz= 2.5km
 nr= 11 gap= 93 rms=0.59
 Locality: Bódvalenke
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.9	254	Pg	9:28:36.19	0.20
			Sg	28:38.76	-0.70
ABAH	42.2	131	Pg	9:28:40.06	0.97
			Sg	28:44.49	-0.49
PSZ	97.3	224	Pg	9:28:49.46	0.53
			Sg	29:02.60	0.11
NIE	103.7	340	Pg	9:28:50.66	0.59
KOLS	116.0	68	Sg	9:29:07.85	-0.58
A336	138.5	255	Sn	9:29:14.44	-0.37
VYHS	145.9	268	Pn	9:28:56.56	-0.21
			Sn	29:15.29	-1.15

1244.

2018-12-11 time: 9:50:44.79 UTC ML= 1.3
 lat: 47.237N lon: 18.269E h= 0.0 km
 erh= 1.0km erz= 110km
 nr= 6 gap=234 rms=0.07
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.9	278	Pg	9:50:47.90	-0.10
			Sg	50:50.53	0.04
PKSG	19.5	28	Pg	9:50:48.38	0.10
			Sg	50:50.95	-0.05
MPLH	55.8	262	Pg	9:50:54.79	0.04
A339	80.4	325	Pg	9:50:59.12	-0.04

1245.

2018-12-11 time: 16:32:02.80 UTC ML= 2.0
 lat: 48.419N lon: 17.279E h= 0.0 km
 erh= 1.6km erz= 2.0km
 nr= 9 gap= 86 rms=0.38
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
SMOL	15.3	46	Pg	16:32:05.50	-0.02
			Sg	32:08.26	0.61
KRUC	96.7	318	Sg	16:32:33.62	0.09
VYHS	115.4	86	Pg	16:32:23.63	0.22
			Sg	32:38.42	-1.07
CONA	118.7	243	Pg	16:32:24.28	0.28
MPLH	140.2	172	Pn	16:32:27.25	-0.06
MORC	152.2	7	Pn	16:32:28.35	-0.46
			Sn	32:48.88	-0.23

1246.

2018-12-12 time: 11:01:10.82 UTC ML= 1.8
 lat: 48.173N lon: 16.876E h= 0.0 km
 erh= 2.3km erz= 3.0km
 nr= 13 gap=100 rms=0.73
 Locality: Austria
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
RONA	68.2	220	Pg	11:01:23.25	0.26
			Sg	01:31.27	-1.21
CONA	80.4	250	Pg	11:01:25.95	0.77
			Sg	01:36.90	0.53
EGYH	90.7	158	Sg	11:01:39.51	-0.13
MPLH	122.1	156	Sg	11:01:48.95	-0.67
VRAC	128.0	351	Pg	11:01:33.89	0.21
			Sg	01:50.46	-1.05
ARSA	144.3	225	Pn	11:01:36.70	0.85
			Sn	01:54.27	-1.10
VYHS	149.6	76	Pn	11:01:37.40	0.89
			Sn	01:55.68	-0.87
MORC	184.9	15	Sn	11:02:04.11	-0.28

1247.

2018-12-12 time: 11:07:20.88 UTC ML= 1.3
 lat: 48.576N lon: 20.799E h= 0.0 km
 erh= 3.5km erz= 1.9km
 nr= 9 gap=205 rms=0.61
 Locality: Tornanádaska
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.3	246	Pg	11:07:25.91	0.51
			Sg	07:28.86	-0.07
ABAH	45.1	134	Pg	11:07:29.53	0.59
			Sg	07:35.21	-0.02
PSZ	99.3	223	Pg	11:07:38.47	-0.14
TRPA	138.2	111	Sn	11:08:02.22	-1.86
A336	138.6	254	Sn	11:08:03.08	-1.08
VYHS	145.2	266	Pn	11:07:46.46	0.44
			Sn	08:05.28	-0.35

1248.

2018-12-12 time: 13:30:32.85 UTC ML= 2.1
 lat: 48.245N lon: 21.244E h= 0.0 km
 erh= 2.1km erz= 4.5km
 nr= 11 gap=153 rms=0.58
 Locality: Tállya
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

sta	dist	azm	phase	hr mn sec	res
ABAH	5.6	356	Pg	13:30:33.88	0.02
			Sg	30:34.98	0.34
KECS	62.1	295	Pg	13:30:43.76	-0.19
			Sg	30:52.00	-0.60
TRPA	97.1	98	Pg	13:30:50.21	0.02
			Sg	31:02.95	-0.77
PSZ	107.0	250	Pg	13:30:52.99	1.04
			Sg	31:05.91	-0.94
KOLS	107.7	45	Pg	13:30:52.63	0.54
			Sg	31:06.60	-0.50
VYHS	180.6	279	Sn	13:31:26.17	0.72

1249.

2018-12-13 time: 8:12:01.30 UTC ML= 1.7
 lat: 47.857N lon: 19.150E h= 0.0 km
 erh= 1.5km erz= 341km
 nr= 10 gap=215 rms=0.27
 Locality: Ósagárd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	12.3	127	Pg	8:12:03.36	-0.14
			Sg	12:04.89	-0.32
A336	43.3	345	Pg	8:12:09.13	0.09
			Sg	12:14.66	-0.41
PSZ	56.1	83	Pg	8:12:11.44	0.12
			Sg	12:19.14	0.01
VYHS	74.6	342	Pg	8:12:15.16	0.54
			Sg	12:24.70	-0.31
KECS	121.3	55	Pg	8:12:23.17	0.21
			Sg	12:39.79	-0.07

1250.

2018-12-13 time: 9:30:02.35 UTC ML= 1.2
 lat: 47.113N lon: 18.049E h= 0.0 km
 erh= 2.8km erz= 611km
 nr= 6 gap=167 rms=0.36
 Locality: Vilonya
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	16.3	356	Pg	9:30:05.10	-0.16
			Sg	30:08.17	0.64
TIH	26.5	207	Pg	9:30:07.51	0.44
			Sg	30:14.74	-0.06
PKSG	40.4	40	Pg	9:30:09.35	-0.21

1251.

2018-12-13 time: 10:01:09.37 UTC ML= 1.0
 lat: 45.912N lon: 18.335E h= 0.0 km
 erh= 1.9km erz= 385km
 nr= 7 gap=213 rms=0.27
 Locality: Vokány
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	6.9	248	Pg	10:01:11.00	0.40
			Sg	01:11.49	-0.07
KOVH	26.8	317	Sg	10:01:17.54	-0.33
			Pg	10:01:16.51	-0.16
PKSM	40.9	35	Sg	01:22.75	0.38
			Pg	10:01:16.50	-0.26
MORH	41.4	35	Sg	01:22.64	0.11

1252.

2018-12-13 time: 10:30:37.05 UTC ML= 1.7
 lat: 47.848N lon: 19.136E h= 0.0 km
 erh= 1.3km erz= 365km
 nr= 9 gap=150 rms=0.28
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	12.7	121	Pg	10:30:39.30	-0.01
			Sg	30:41.26	0.19
A336	44.0	347	Sg	10:30:50.97	-0.06
			Pg	10:30:47.43	0.16
PSZ	57.3	82	Sg	30:55.17	-0.08
			Pg	10:30:51.00	0.53
VYHS	75.2	343	Sg	31:00.59	-0.35
PKB1	121.1	192	Pg	10:30:58.63	-0.05
KECS	122.7	55	Pg	10:30:58.48	-0.48

1253.

2018-12-13 time: 10:48:59.58 UTC ML= 1.7
 lat: 48.604N lon: 20.760E h= 0.0 km
 erh= 1.4km erz= 1.9km
 nr= 6 gap=129 rms=0.26
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.3	237	Pg	10:49:04.21	0.29
			Sg	49:07.58	0.28
ABAH	49.3	134	Pg	10:49:08.28	-0.09
			STHS	97.1	21
PSZ	99.7	220	Sg	10:49:30.97	-0.30
A336	136.7	252	Sn	10:49:41.92	-0.52

1254.

2018-12-13 time: 11:45:23.87 UTC ML= 1.5
 lat: 48.550N lon: 20.779E h= 0.0 km
 erh= 4.4km erz= 3.8km
 nr= 11 gap=185 rms=0.90
 Locality: Komjáti
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	22.9	251	Pg	11:45:29.46	1.50
			Sg	45:32.25	1.11
ABAH	44.3	130	Pg	11:45:31.97	0.19
			Sg	45:37.44	-0.50
PSZ	96.1	223	Pg	11:45:40.86	-0.18
			Sg	45:53.01	-1.42
LANS	117.1	305	Sg	11:45:59.99	-1.11
A336	136.4	255	Sn	11:46:05.36	-1.31
PENC	139.7	233	Sn	11:46:07.57	0.16
VYHS	143.6	268	Pn	11:45:49.49	0.67
			Sn	46:07.97	-0.30

1255.

2018-12-14 time: 8:18:17.70 UTC ML= 1.1
 lat: 47.195N lon: 18.163E h= 0.0 km
 erh= 4.0km erz= ***km
 nr= 9 gap=145 rms=0.93
 Locality: Pétfürdő
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	12.0	306	Pg	8:18:20.35	0.50
			Sg	18:21.51	-0.02
PKSG	27.8	38	Pg	8:18:22.25	-0.42
			Sg	18:25.78	-0.77
PKB1	66.2	134	Pg	8:18:31.95	2.44

Hypocenter Parameters

MORH 114.9 161 Pg 8:18:38.32 0.10
 Sg 18:53.48 -0.74
 PKSM 115.3 161 Pg 8:18:38.15 -0.13
 Sg 18:53.07 -1.26

1256.

2018-12-14 time: 8:28:13.54 UTC ML= 0.5
 lat: 47.165N lon: 18.213E h= 0.0 km
 erh= 1.8km erz= 459km
 nr= 5 gap=145 rms=0.21
 Locality: Ósi
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	17.1	308	PgU	8:28:16.56	-0.03
			Sg	28:19.02	0.05
PKSG	28.6	28	Pg	8:28:18.32	-0.32
			Sg	28:22.91	0.29
PKSM	110.9	163	Sg	8:28:48.96	0.16

1257.

2018-12-14 time: 8:36:03.99 UTC ML= 0.3
 lat: 47.142N lon: 18.107E h= 0.0 km
 erh= 4.9km erz= ***km
 nr= 6 gap=121 rms=0.84
 Locality: Óskü
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKST	14.1	337	Pg	8:36:07.83	1.32
			Sg	36:08.90	0.42
PKSG	35.1	38	Pg	8:36:09.65	-0.61
			Sg	36:14.41	-0.74
MPLH	43.1	274	Sg	8:36:16.69	-1.01
PKSM	111.2	158	Sg	8:36:39.73	0.40

1258.

2018-12-14 time: 11:02:31.95 UTC ML= 1.5
 lat: 48.607N lon: 20.753E h= 0.0 km
 erh= 2.5km erz= 3.2km
 nr= 11 gap=191 rms=0.55
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	24.1	235	Pg	11:02:36.53	0.28
			Sg	02:39.33	-0.27
ABAH	49.9	134	Pg	11:02:40.65	-0.22
			Sg	02:47.33	-0.49
PSZ	99.7	220	Pg	11:02:50.24	0.50
			Sg	03:03.15	-0.47
LANS	112.0	303	Pg	11:02:52.39	0.45
			Sg	03:06.44	-1.09
A336	136.3	252	Pn	11:02:56.54	0.56
VYHS	142.1	265	Pn	11:02:57.27	0.57
			Sn	03:14.89	-1.11

1259.

2018-12-14 time: 11:05:29.55 UTC ML= 1.5
 lat: 46.801N lon: 17.360E h= 0.0 km
 erh= 5.5km erz= 619km
 nr= 9 gap=234 rms=0.47
 Locality: Balatonederics
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	43.3	18	Pg	11:05:36.89	-0.39
			Sg	05:43.65	0.34
PKST	72.3	45	Pg	11:05:42.35	-0.11
KOVH	97.5	144	Pg	11:05:47.09	0.13

Földrengés paraméterek

Sg 06:00.57 0.03
 PKSG 102.2 50 Pg 11:05:48.17 0.37
 MORH 118.1 123 Pg 11:05:51.53 0.89
 PKSM 118.1 124 Pg 11:05:50.10 -0.55
 Sg 06:06.25 -0.85

1260.

2018-12-15 time: 10:44:41.45 UTC ML= 1.3
 lat: 48.036N lon: 19.628E h= 0.0 km
 erh= 2.5km erz= 718km
 nr= 7 gap=101 rms=0.48
 Locality: Nagylóc
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	23.8	123	Pg	10:44:45.99	0.29
			Sg	44:48.92	-0.10
PENC	37.6	223	Pg	10:44:48.43	0.27
			Sg	44:52.74	-0.66
A336	51.7	295	Pg	10:44:51.34	0.66
VYHS	77.8	311	Sg	10:45:05.29	-0.88
KECS	80.8	52	ePg	10:44:55.70	-0.18

1261.

2018-12-15 time: 10:53:11.56 UTC ML= 1.3
 lat: 48.045N lon: 19.638E h= 0.0 km
 erh= 1.1km erz= 344km
 nr= 8 gap=127 rms=0.25
 Locality: Sóshartyán
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PSZ	23.8	126	Pg	10:53:15.81	0.01
			Sg	53:19.32	0.21
PENC	38.9	223	Pg	10:53:18.27	-0.23
			Sg	53:23.94	0.03
A336	52.0	294	Pg	10:53:21.33	0.49
			Sg	53:27.96	-0.12
VYHS	77.7	310	Sg	10:53:36.14	-0.11
ABAH	122.3	77	Sg	10:53:50.10	-0.34

1262.

2018-12-16 time: 15:05:36.96 UTC ML= 2.7
 lat: 48.553N lon: 17.295E h= 5.2 km
 erh= 1.3km erz= 1.1km
 nr= 58 gap= 43 rms=0.84
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SMOL	10.8	114	Pg	15:05:39.41	0.31
			Sg	05:41.00	0.24
A337	50.2	133	Pg	15:05:46.98	1.01
			Sg	05:52.71	-0.29
A339	84.8	162	Pg	15:05:52.75	0.62
			Sg	06:04.23	0.27
KRUC	87.0	311	Pg	15:05:52.95	0.42
			Sg	06:04.37	-0.31
VRAC	98.5	329	Pg	15:05:54.72	0.14
			Sg	06:07.13	-1.19
A338	98.6	127	Pg	15:05:54.69	0.09
			Sg	06:07.64	-0.72
SOP	111.2	210	Pg	15:05:55.62	-1.21
			Sg	06:11.89	-0.45
SRO	111.8	137	Pg	15:05:57.07	0.13
			Sg	06:11.03	-1.50
VYHS	114.0	93	Pg	15:05:56.81	-0.53
			Sg	06:11.44	-1.80
RONA	120.5	218	Pn	15:05:57.38	-0.98
			Sn	06:12.97	-2.07
EGYH	126.3	179	Pn	15:06:00.21	1.14
			Sn	06:15.52	-0.80

Földrengés paraméterek

Hypocenter Parameters

CONA	127.1	237	Pn	15:05:58.92	-0.26
			Sn	06:15.91	-0.60
A336	131.1	106	Pn	15:05:59.86	0.19
			Sn	06:15.61	-1.77
MORC	137.3	8	Pn	15:06:00.60	0.15
			Sn	06:18.31	-0.45
PKSG	152.8	148	Pn	15:06:02.46	0.08
			Sn	06:22.19	-0.02
PKST	154.1	159	Pn	15:06:03.85	1.31
			Sn	06:22.24	-0.25
MPLH	154.8	173	Pn	15:06:02.45	-0.18
			Sn	06:23.52	0.87
OKC	155.8	23	eSn	15:06:22.10	-0.76
TREC	156.1	302	eSn	15:06:20.20	-2.74
PENC	170.3	120	Pn	15:06:05.00	0.44
LANS	172.7	67	Pn	15:06:05.02	0.16
KRLC	173.4	348	Pn	15:06:06.11	1.16
			Sn	06:27.09	0.32
ARSA	196.3	222	Pn	15:06:09.61	1.81
			Sn	06:34.12	2.27
PSZ	205.6	110	Pn	15:06:09.80	0.84
DPC	212.0	341	eSn	15:06:37.10	1.76
PKB1	226.5	150	Pn	15:06:12.82	1.25
			Sn	06:38.95	0.39
KECS	235.8	92	Pn	15:06:12.79	0.06
			Sn	06:40.21	-0.42
NIE	241.0	66	Pn	15:06:14.40	1.03
			Sn	06:42.86	1.09
PKB5	243.2	154	Pn	15:06:13.85	0.21
SOKA	269.1	219	Pn	15:06:18.09	1.22
MORH	279.1	159	Pn	15:06:17.55	-0.57
PKSM	279.4	159	Pn	15:06:17.52	-0.64
KHC	280.3	283	ePn	15:06:18.80	0.52
KOVH	280.7	167	Pn	15:06:18.94	0.62
BIOA	288.6	251	Pn	15:06:19.54	0.23
ABAH	293.3	96	Pn	15:06:20.36	0.46
STHS	304.6	72	Pn	15:06:21.40	0.10*
OBKA	307.3	222	Pn	15:06:22.82	1.18*
KOLS	368.6	83	Pn	15:06:29.29	0.01*
KWP	413.1	73	Pn	15:06:35.76	0.93*

1263.

2018-12-17 time: 4:57:35.46 UTC ML= 1.5
 lat: 48.549N lon: 17.304E h= 7.2 km
 erh= 2.1km erz= 1.5km
 nr= 17 gap= 86 rms=0.70
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
SMOL	10.0	113	Pg	4:57:38.07	0.40
			Sg	57:39.86	0.47
KRUC	87.8	311	Pg	4:57:51.23	0.03
			Sg	58:01.92	-1.55
A338	97.9	127	Sg	4:58:06.34	-0.32
VRAC	99.2	328	Pg	4:57:53.87	0.64
			Sg	58:06.84	-0.25
VYHS	113.4	93	Pn	4:57:55.40	-0.31
			Sn	58:09.91	-1.59
RONA	120.6	218	Pn	4:57:56.92	0.31
			Sn	58:12.73	-0.38
CONA	127.4	237	Sn	4:58:14.12	-0.50
MORC	137.7	7	Sn	4:58:16.84	-0.06
PKSG	152.1	148	Sn	4:58:20.90	0.80
PKST	153.5	159	Sn	4:58:21.05	0.65
KRLC	174.0	347	Sn	4:58:27.53	2.58
MOA	238.9	251	Sn	4:58:40.97	1.62

1264.

2018-12-17 time: 10:57:23.58 UTC ML= 1.7
 lat: 45.866N lon: 18.403E h= 0.0 km
 erh= 2.0km erz= 344km
 nr= 12 gap=256 rms=0.28
 Locality: Kisharsány
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSV	12.0	282	Pg	10:57:25.45	-0.27
			Sg	57:27.39	0.01
KOVH	34.1	316	PgU	10:57:29.57	-0.09
			Sg	57:34.29	-0.12
PKSM	42.6	26	PgU	10:57:31.03	-0.16
			Sg	57:36.94	-0.19
MORH	43.1	26	Pg	10:57:31.07	-0.21
			Sg	57:37.15	-0.13
PKS9	80.7	353	Pg	10:57:38.34	0.35
PKB5	85.0	18	Pg	10:57:39.52	0.77
PKB1	106.4	16	Pg	10:57:42.89	0.32
			Sg	57:57.22	-0.17

1265.

2018-12-17 time: 10:59:53.78 UTC ML= 1.6
 lat: 46.822N lon: 17.243E h= 0.0 km
 erh= 3.8km erz= ***km
 nr= 11 gap=191 rms=0.83
 Locality: Cserseztomaj
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
MPLH	44.8	30	Pg	11:00:01.32	-0.46
			Sg	00:08.10	0.07
PKST	77.3	51	Pg	11:00:08.75	1.16
			Sg	00:18.74	0.38
KOVH	104.8	141	Sg	11:00:27.73	0.63
PKSG	107.7	54	Sg	11:00:27.18	-0.84
SOP	108.9	332	Sg	11:00:28.03	-0.36
MORH	126.9	122	Pg	11:00:17.26	0.82
			Sg	00:32.47	-1.65
PKSM	127.0	122	Pg	11:00:16.78	0.33
			Sg	00:32.62	-1.52

1266.

2018-12-17 time: 11:43:42.89 UTC ML= 1.1
 lat: 46.119N lon: 18.054E h= 0.0 km
 erh= 0.9km erz= 200km
 nr= 12 gap=229 rms=0.17
 Locality: Bükkösd
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KOVH	5.0	134	Pg	11:43:43.85	0.08
			Sg	43:44.91	0.45
PKSV	29.9	149	Pg	11:43:48.27	0.04
			Sg	43:51.76	-0.64
PKSM	46.5	77	Pg	11:43:51.13	-0.07
			Sg	43:57.64	-0.03
MORH	46.8	77	Pg	11:43:51.21	-0.04
			Sg	43:57.58	-0.19
PKS9	54.8	18	Sg	11:44:00.30	0.00
PKB4	59.6	45	Sg	11:44:01.83	0.00
PKB5	74.5	45	Sg	11:44:06.73	0.17
PKB1	93.2	38	Sg	11:44:12.42	-0.08

Hypocenter Parameters

Földregés paraméterek

1267.

 2018-12-18 time: 10:18:16.19 UTC ML= 1.6
 lat: 48.591N lon: 20.792E h= 0.0 km
 erh= 3.5km erz= 3.0km
 nr= 10 gap=229 rms=0.56
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	25.6	242	Pg	10:18:21.14	0.38
			Sg	18:24.05	-0.28
ABAH	46.6	135	Pg	10:18:24.92	0.40
			Sg	18:29.84	-1.17
PSZ	100.2	222	Pg	10:18:34.69	0.61
			Sg	18:48.17	0.13
A336	138.6	253	Pn	10:18:40.52	0.02
			Sn	18:59.11	-0.36
VYHS	144.8	266	Pn	10:18:41.33	0.05
			Sn	18:59.27	-1.58

1268.

 2018-12-18 time: 10:30:58.08 UTC ML= 1.6
 lat: 48.118N lon: 18.885E h= 0.0 km
 erh= 2.6km erz= 896km
 nr= 8 gap=141 rms=0.63
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
A336	15.4	34	PgU	10:31:01.52	0.70
			Sg	31:03.39	0.43
VYHS	42.0	355	Sg	10:31:10.07	-1.35
PENC	47.0	141	Sg	10:31:13.05	0.04
PSZ	78.5	106	Pg	10:31:12.46	0.36
			Sg	31:22.05	-0.99
PKSG	88.8	205	Sg	10:31:26.45	0.13
PKST	114.9	214	Sg	10:31:34.39	-0.21

1269.

 2018-12-18 time: 10:37:41.41 UTC ML= 1.5
 lat: 47.599N lon: 18.493E h= 0.0 km
 erh= 3.5km erz= 3.6km
 nr= 9 gap=152 rms=0.79
 Locality: Tarján
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PKSG	24.3	199	Pg	10:37:45.91	0.16
			Sg	37:48.64	-0.50
PKST	51.3	222	Pg	10:37:50.79	0.22
			Sg	37:57.37	-0.34
MPLH	86.4	236	Sg	10:38:09.07	0.20
PKB1	93.4	166	Pg	10:37:59.84	1.75
VYHS	102.7	14	Sg	10:38:13.59	-0.48
MORH	154.2	176	Sn	10:38:27.25	-0.91
PKSM	154.6	176	Sn	10:38:26.97	-1.28

1270.

 2018-12-18 time: 11:19:07.11 UTC ML= 1.8
 lat: 48.632N lon: 20.864E h= 0.0 km
 erh= 5.1km erz= 5.9km
 nr= 8 gap=180 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	32.5	239	Pg	11:19:13.22	0.31
			Sg	19:17.27	-0.17
ABAH	46.6	143	Pg	11:19:16.51	1.09
			Sg	19:21.88	-0.02

PSZ	107.2	222	Sg	11:19:40.26	-0.91
KOLS	108.8	72	Sg	11:19:40.47	-1.22
A336	145.0	252	Pn	11:19:32.99	0.77
			Sn	19:50.86	-0.95

1271.

 2018-12-19 time: 10:23:53.71 UTC ML= 1.3
 lat: 47.856N lon: 19.129E h= 0.0 km
 erh= 1.0km erz= 410km
 nr= 11 gap=104 rms=0.33
 Locality: Szendehely
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
PENC	13.5	123	Pg	10:23:56.21	0.08
			Sg	23:58.15	0.14
A336	43.0	347	Pg	10:24:01.85	0.45
			Sg	24:07.46	0.07
PSZ	57.6	83	Pg	10:24:04.14	0.14
			Sg	24:11.76	-0.27
A338	60.7	287	Sg	10:24:13.38	0.37
VYHS	74.2	343	Pg	10:24:06.94	-0.02
			Sg	24:16.76	-0.54
PKSG	75.8	227	Pg	10:24:06.56	-0.69
PKST	105.8	231	Sg	10:24:27.44	0.08

1272.

 2018-12-19 time: 10:44:19.11 UTC ML= 1.4
 lat: 48.588N lon: 20.759E h= 0.0 km
 erh= 2.3km erz= 3.9km
 nr= 10 gap= 90 rms=0.60
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	23.3	240	Pg	10:44:23.32	0.04
			Sg	44:25.95	-0.58
ABAH	48.1	132	Pg	10:44:28.13	0.42
			Sg	44:34.33	-0.08
NIE	98.0	341	Pg	10:44:37.62	1.01
PSZ	98.3	221	Pg	10:44:37.24	0.57
			Sg	44:50.08	-0.28
LANS	113.6	303	Pg	10:44:39.07	-0.32
KOLS	117.7	71	Sg	10:44:55.17	-1.37
VYHS	142.4	266	Sn	10:45:02.75	-0.49

1273.

 2018-12-19 time: 11:14:45.41 UTC ML= 1.5
 lat: 48.617N lon: 20.801E h= 0.0 km
 erh= 1.7km erz= 3.2km
 nr= 10 gap=131 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	27.7	237	Pg	11:14:50.73	0.39
			Sg	14:53.64	-0.55
ABAH	48.2	138	Pg	11:14:54.33	0.31
			Sg	15:00.22	-0.52
PSZ	102.8	221	Pg	11:15:04.38	0.62
			Sg	15:17.70	-0.38
KOLS	113.8	72	Sg	11:15:21.41	-0.16
LANS	114.4	301	Pg	11:15:06.14	0.31
TRPA	139.7	113	Sg	15:21.10	-0.66
			Sn	11:15:28.68	-0.25

Földrengés paraméterek

Hypocenter Parameters

1274.

2018-12-19 time: 11:46:23.87 UTC ML= 1.5
 lat: 48.700N lon: 19.924E h= 0.0 km
 erh= 2.7km erz= ***km
 nr= 12 gap= 95 rms=0.94
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	47.9	120	Pg	11:46:33.08	0.66
			Sg	46:38.33	-0.76
LANS	60.3	326	Pg	11:46:35.86	1.23
			Sg	46:42.42	-0.60
VYHS	83.5	254	Pg	11:46:39.38	0.61
			Sg	46:49.30	-1.10
NIE	84.9	20	Sg	11:46:49.78	-1.06
			Sg	11:46:50.08	-1.09
A336	85.9	233	Sg	11:46:50.08	-1.09
			Sg	46:50.71	-0.79
PSZ	86.9	181	Pg	11:46:40.16	0.77
			Sg	46:50.71	-0.79
ABAH	107.1	115	Pg	11:46:44.13	1.15
			Sg	46:56.66	-1.24

1275.

2018-12-20 time: 9:00:53.10 UTC ML= 1.3
 lat: 48.525N lon: 20.740E h= 0.0 km
 erh= 3.3km erz= 4.2km
 nr= 8 gap=131 rms=0.85
 Locality: Bódvászilás
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	19.4	256	Pg	9:00:57.06	0.50
			Sg	00:59.62	0.36
ABAH	44.9	125	Pg	9:01:01.38	0.27
			Sg	01:07.80	0.43
NIE	104.2	343	Pg	9:01:12.62	0.92
			Sg	9:01:29.54	-2.19
KOLS	121.6	68	Sg	9:01:29.54	-2.19
			Sg	9:01:17.19	-0.49
VYHS	140.7	269	Pn	9:01:17.19	-0.49
			Sn	01:35.62	-1.23

1276.

2018-12-21 time: 5:58:36.96 UTC ML= 1.2
 lat: 48.649N lon: 19.445E h= 8.1 km
 erh= 1.0km erz=11.6km
 nr= 10 gap=113 rms=0.92
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
VYHS	48.1	249	Pg	5:58:45.74	0.07
			Sg	58:51.06	-1.40
LANS	55.8	2	Pg	5:58:47.59	0.56
			Sg	58:53.97	-0.91
A336	56.8	215	Pg	5:58:47.84	0.63
			Sg	58:54.37	-0.83
KECS	79.0	104	Pg	5:58:52.11	0.97
			Sg	59:01.00	-1.21
PSZ	87.9	158	Pg	5:58:53.97	1.26
			Sg	59:04.06	-0.94

1277.

2018-12-21 time: 9:01:50.03 UTC ML= 1.3
 lat: 48.604N lon: 20.808E h= 0.0 km
 erh= 3.5km erz= 8.1km
 nr= 8 gap=195 rms=0.80
 Locality: Slovakia
 Comments: probably explosion

sta	dist	azm	phase	hr mn sec	res
KECS	27.3	241	Pg	9:01:55.09	0.18

			Sg	01:58.03	-0.68
ABAH	46.8	137	Pg	9:01:58.98	0.59
			Sg	02:04.41	-0.50
PSZ	102.0	222	Pg	9:02:09.35	1.10
			Sg	02:21.90	-0.56
LANS	115.6	302	Pg	9:02:10.51	-0.15
			Sg	9:02:30.44	-3.20
A336	140.1	253	Sn		

1278.

2018-12-21 time: 22:40:49.73 UTC ML= 1.1
 lat: 48.640N lon: 19.451E h= 5.1 km
 erh= 0.9km erz=18.0km
 nr= 9 gap=111 rms=0.80
 Locality: Slovakia
 Comments:

sta	dist	azm	phase	hr mn sec	res
VYHS	48.2	250	Pg	22:40:58.54	0.15
			Sg	41:03.86	-1.29
A336	56.3	216	Pg	22:41:00.85	1.02
			Sg	41:07.17	-0.54
LANS	56.7	1	Pg	22:41:00.56	0.66
			Sg	41:06.68	-1.15
KECS	78.3	103	Pg	22:41:04.57	0.82
			Sg	41:14.01	-0.67
PSZ	86.8	158	Sg	22:41:16.92	-0.44

1279.

2018-12-23 time: 3:21:25.59 UTC ML= 1.3
 lat: 46.415N lon: 17.967E h= 17.1 km
 erh= 1.7km erz= 1.1km
 nr= 17 gap=195 rms=0.43
 Locality: Kisgyalán
 Comments:

sta	dist	azm	phase	hr mn sec	res
PKS9	30.7	51	Pg	3:21:32.11	0.25
			Sg	21:37.15	0.40
PKB4	49.8	79	Pg	3:21:35.56	0.58
			Sg	21:42.31	0.00
TIH	54.2	354	Pg	3:21:35.42	-0.32
			Sg	21:44.15	-0.24
PKSM	56.6	113	Pg	3:21:36.22	0.07
			Sg	21:44.15	-0.24
MORH	56.7	113	Pg	3:21:36.25	0.10
			Sg	3:21:45.49	-0.64
PKB5	62.3	71	Sg	3:21:45.49	-0.64
			Sg	3:21:45.44	-0.74
PKSV	62.5	159	Sg	3:21:45.44	-0.74
			P*	3:21:39.65	0.45
PKB1	75.4	57	P*	3:21:39.65	0.45
			S*	21:49.13	-0.70
PKST	94.0	3	P*	3:21:42.22	0.19
			S*	21:53.65	-1.21
PKS2	96.1	85	S*	3:21:55.50	0.06
			Sn	3:21:57.81	0.06
NADP	106.1	28	Sn	3:21:57.81	0.06
			Sn	3:21:59.78	0.41
PKSG	113.3	17	Sn	3:21:59.78	0.41

1280.

2018-12-24 time: 23:33:02.39 UTC ML= 1.0
 lat: 46.972N lon: 17.569E h= 13.4 km
 erh= 3.5km erz= 2.9km
 nr= 7 gap=219 rms=0.34
 Locality: Taliándörög
 Comments:

sta	dist	azm	phase	hr mn sec	res
MPLH	22.1	354	Pg	23:33:07.32	0.31
			Sg	33:09.84	-0.77
TIH	26.0	108	Pg	23:33:07.55	-0.06
			Pg	23:33:11.64	0.42
PKST	47.6	48	Pg	23:33:11.64	0.42
			Sg	33:17.97	-0.13
PKSG	77.8	53	Pg	23:33:16.52	0.03
			Sn	23:33:37.63	-0.36
MORH	117.7	136	Sn	23:33:37.63	-0.36

Hypocenter Parameters

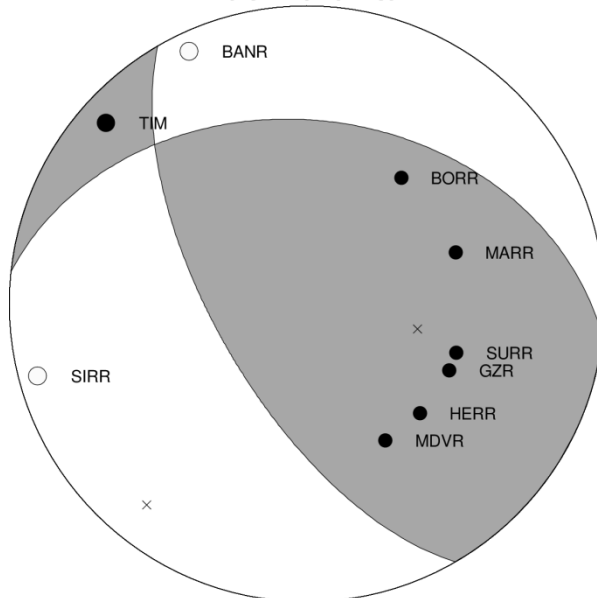
Földrengés paraméterek

1281.

2018-12-26 time: 20:14:39.86 UTC ML= 2.1
 lat: 46.081N lon: 20.664E h= 10.0 km
 erh= 2.5km erz= 2.1km
 nr= 40 gap= 63 rms=1.14
 Locality: Romania
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
TIM	57.7	132	PgC	20:14:51.16			0.85
			Sg		14:58.10		-0.37
SIRR	79.6	75	PgD	20:14:52.78			-1.40
			Sg		15:02.10		-3.26
BANR	85.9	155	PgD	20:14:56.31			1.02
			Sg		15:07.40		0.07
BZS	90.2	125	Pg	20:14:56.05			-0.01
			Sg		15:07.18		-1.52
PKS6	102.5	304	Pg	20:14:58.77			0.53
			Sg		15:12.05		-0.53
PKSN	109.4	326	Sn	20:15:14.16			-0.23
SURR	119.0	108	PnC	20:15:00.77			0.32
			Sn		15:14.20		-2.31
PKB3	119.6	289	Pn	20:15:01.34			0.82
			Sn		15:15.40		-1.24
PKS2	120.8	292	Pn	20:15:01.04			0.36
			Sn		15:16.64		-0.28
FRGS	124.5	212	Pn	20:14:59.07			-2.06
			Sn		15:14.25		-3.47
PKB2	127.8	301	Pn	20:15:02.43			0.88
			Sn		15:18.08		-0.39
BORR	141.3	37	PnC	20:15:04.02			0.79
			Sn		15:20.90		-0.57
MORH	156.8	275	Pn	20:15:05.00			-0.17
			Sn		15:22.53		-2.37
PKSM	157.0	275	Pn	20:15:05.01			-0.18
PKB5	159.1	291	Sn	20:15:24.93			-0.49
PKB4	165.4	286	Pn	20:15:07.22			0.99
MDVR	166.1	150	PnC	20:15:08.64			2.32
			Sn		15:28.40		1.43
DRGR	176.0	63	Pn	20:15:08.85			1.29
			Sn		15:28.46		-0.71
GZR	181.3	115	PnC	20:15:08.93			0.71
			Sn		15:31.30		0.96
HERR	191.2	134	PnC	20:15:10.40			0.95
			Sn		15:32.60		0.07
MARR	200.1	71	PnC	20:15:12.55			1.99
			Sn		15:35.30		0.79
PSZ	212.5	344	Pn	20:15:12.08			-0.03
MPLH	268.2	297	Pn	20:15:19.20			0.14

2018.12.26. 20:14:39



1282.

2018-12-27 time: 20:32:10.61 UTC ML= 0.4
 lat: 47.391N lon: 18.089E h= 0.8 km
 erh= 3.9km erz=43.1km
 nr= 6 gap=254 rms=0.13
 Locality: Aka
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	13.3	104	Pg	20:32:13.03			0.04
			Sg		32:14.86		0.01
PKST	15.3	196	Pg	20:32:13.48			0.14
			Sg		32:15.35		-0.12
PKSG	22.8	90	Pg	20:32:14.72			0.04
			Sg		32:17.53		-0.32

1283.

2018-12-27 time: 20:44:41.17 UTC ML= 0.1
 lat: 47.349N lon: 18.131E h= 7.4 km
 erh= 3.5km erz= 1.8km
 nr= 6 gap=220 rms=0.06
 Locality: Nagyveleg
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
CSKK	9.9	81	Pg	20:44:43.42			0.04
			Sg		44:45.08		-0.02
PKST	12.4	216	Pg	20:44:43.83			0.08
			Sg		44:45.70		-0.06
PKSG	20.2	76	Pg	20:44:44.92			-0.09
			Sg		44:48.02		0.02

1284.

2018-12-28 time: 9:26:08.46 UTC ML= 1.4
 lat: 47.867N lon: 19.150E h= 0.0 km
 erh= 0.8km erz= 377km
 nr= 12 gap= 71 rms=0.31
 Locality: Nőtincs
 Comments: probably explosion

sta	dist	azm	phase	hr	mn	sec	res
PENC	13.0	131	Pg	9:26:10.50			-0.28
			Sg		26:13.21		0.62
A336	42.3	345	Pg	9:26:16.22			0.20

Földrengés paraméterek

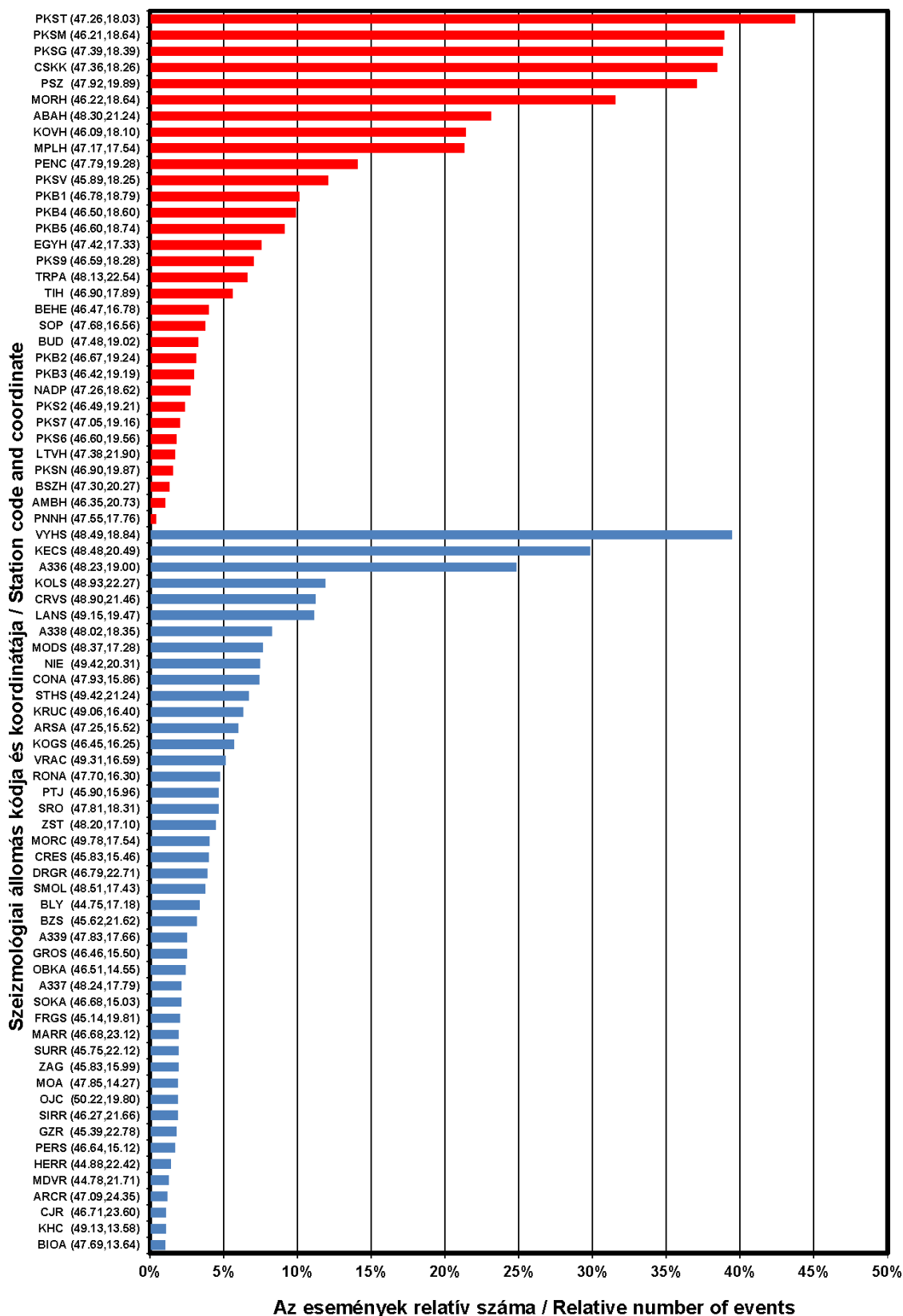
Hypocenter Parameters

			Sg	26:21.84	-0.07
BUD	43.6	193	Sg	9:26:22.18	-0.14
PSZ	56.0	84	Sg	9:26:26.40	0.14
A338	61.8	286	Sg	9:26:28.21	0.09
SRO	62.9	265	Sg	9:26:28.62	0.16
VYHS	73.6	342	Pg	9:26:21.79	0.19
			Sg	26:31.94	0.09
PKST	107.8	231	Sg	9:26:41.73	-0.99
KECS	120.7	55	ePg	9:26:29.60	-0.42

1285.

2018-12-29 time: 15:23:11.78 UTC ML= 1.9
 lat: 46.105N lon: 16.337E h= 11.2 km
 erh= 1.4km erz= 1.1km
 nr= 47 gap= 65 rms=0.69
 Locality: Croatia
 Comments:

sta	dist	azm	phase	hr	mn	sec	res
PTJ	37.2	232	PgD	15:23:18.62			-0.10
			Sg	23:22.94			-1.19
KOGS	38.7	350	Pg	15:23:19.41			0.44
			Sg	23:24.51			-0.07
ZAG	40.6	221	Pg	15:23:19.64			0.33
			Sg	23:25.00			-0.18
BEHE	52.8	40	Pg	15:23:21.17			-0.24
			Sg	23:28.76			-0.17
GOLS	56.1	259	eSg	15:23:31.05			1.07
GCIS	61.0	244	iPg	15:23:23.05			0.19
			iSg	23:31.01			-0.50
DOBS	67.3	274	iPg	15:23:24.04			0.08
			eSg	23:33.36			-0.10
CESS	69.2	258	iPg	15:23:24.80			0.49
			iSg	23:33.77			-0.31
CREG	75.0	246	eSg	15:23:35.54			-0.34
GROS	75.5	302	iPg	15:23:25.27			-0.15
LEGS	80.8	258	iPg	15:23:26.21			-0.15
			eSg	23:37.81			0.09
PDKS	103.7	267	iP*	15:23:29.96			-0.30
			eS*	23:43.80			-0.87
ZAVS	107.6	290	ePn	15:23:30.41			-0.39
			iSn	23:44.11			-1.52
BOJS	107.6	232	iPn	15:23:30.98			0.17
			eSn	23:45.78			0.14
PERS	110.9	302	iPn	15:23:30.92			-0.29
			eSn	23:45.17			-1.19
SOKA	118.8	302	Pn	15:23:32.99			0.79
			Sn	23:47.36			-0.77
VISS	120.9	254	iPn	15:23:32.71			0.25
			eSn	23:48.49			-0.10
GBRS	134.8	242	iPn	15:23:35.55			1.36
			eSn	23:52.25			0.58
KOVH	136.3	91	PnD	15:23:33.44			-0.94
ARSA	141.7	334	Pn	15:23:37.11			2.06
			Sn	23:52.64			-0.57
OBKA	144.9	288	Pn	15:23:36.48			1.03
MPLH	149.9	38	Sn	15:23:54.20			-0.83
PKSV	150.3	99	Pn	15:23:35.23			-0.90
			Sn	23:54.84			-0.27
CRNS	160.6	269	iPn	15:23:39.66			2.25
BLY	164.7	156	Sn	15:23:58.72			0.41
PKSM	178.4	86	Pn	15:23:38.54			-1.09
			Sn	24:01.64			0.30
MORH	178.6	86	Pn	15:23:39.97			0.31
PKST	182.5	45	Pn	15:23:42.21			2.07
CSKK	202.9	46	Sn	15:24:07.68			0.90



3.4. ábra Az egyes állomások részvétele a hipocentrum meghatározásban

Figure 3.4. Contribution of individual stations to the hypocenter determination

4.

JELENTŐS FÖLDRENGÉSEK 2018-BAN (Magyarországon érezhető földrengések)

2018. március 7.	–	Vése
2018. április 21.	–	Csókakő
2018. augusztus 29-	–	Gyékényes

AZ INTENZITÁS ELOSZLÁS MEGHATÁROZÁSA

A Magyarországon érezhető földrengések intenzitás eloszlását a ShakeMap program (Field et al., 2003) segítségével modelleztük.

Az intenzitás leírása az *Európai Makroszeizmikus Skála (EMS)* szerint történik, mely részletesen megtalálható Grünthal (1998) munkájában. (*A Melléklet*)

4.

SIGNIFICANT EARTHQUAKES IN 2018

(Earthquakes felt in Hungary)

7 March 2018	–	Vése
21 April 2018	–	Csókakő
29 August 2018	–	Gyékényes

METHOD USED FOR ESTIMATION OF INTENSITY

Intensity distribution of earthquakes felt in Hungary has been calculated by ShakeMap program (Field et al., 2003).

The assigned intensities correspond to the *European Macroseismic Scale 1998 (EMS)* edited by Grünthal (1998). (*Appendix A*)

2018. március 7. - Vése / 7 March 2018 - Vése**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

Dátum / Date:	2018/03/07
Kipattanási idő / Origin Time:	11:22:23.69 UTC
Szélesség és hosszúság / Latitude and Longitude:	46.376 N 17.291 E (S.D. 1.6 km)
Mélység / Depth:	10.0 km (S.D. 1.4 km)
Magnitúdó / Magnitude:	2.3 ML
Maximális intenzitás / Maximum Intensity:	4 EMS

LEÍRÁS

Március 7-én délelőtt 2.3 ML magnitúdójú földrengés pattant ki Somogy megyében, Vése közelében. A rengés az epicentrum térségében érezhető volt, intenzitása elérte a 4 EMS fokot.

A rengés számított intenzitás eloszlását a 4.1. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 1300 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 150 km²

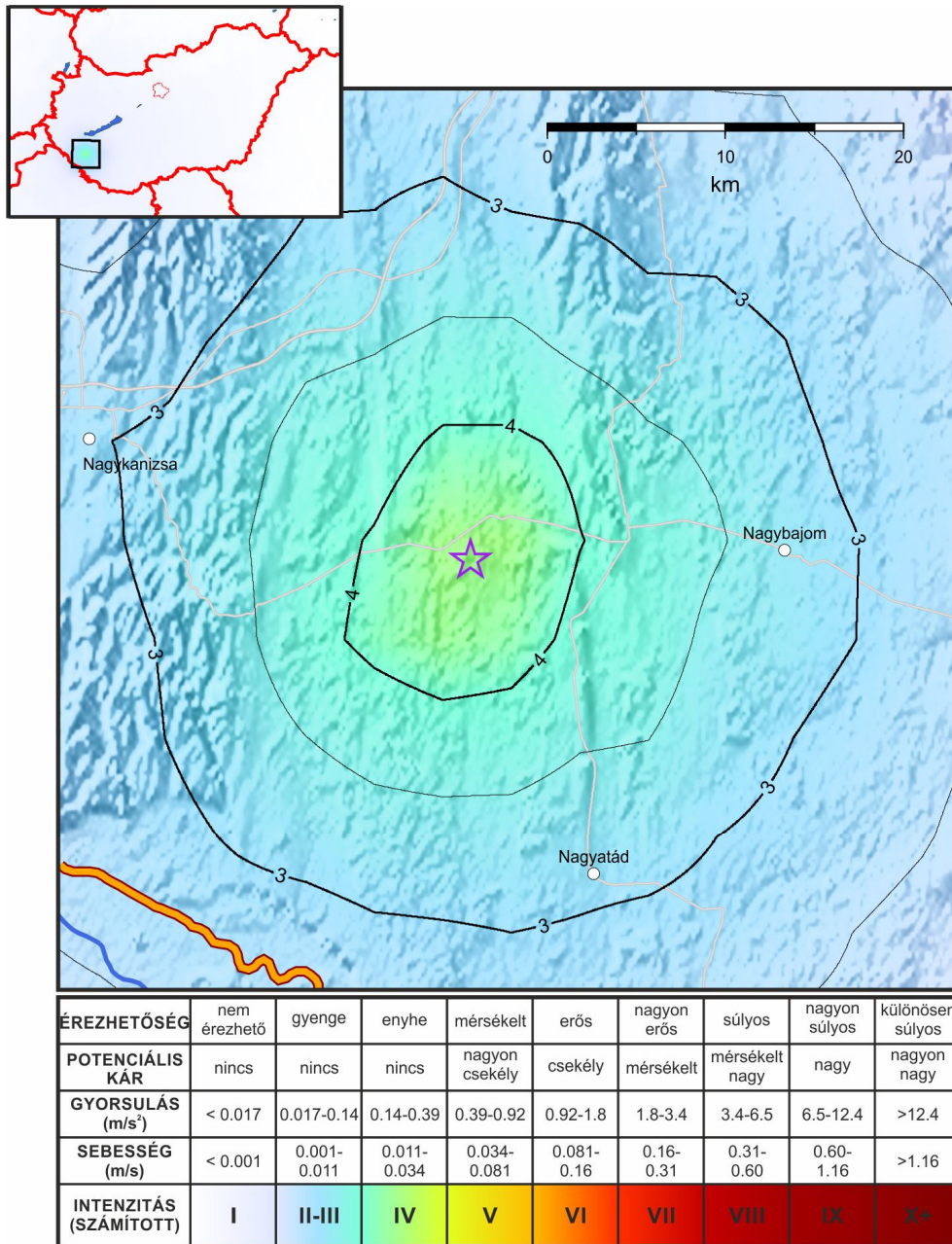
DISCUSSION

On March 7th, a 2.3 ML magnitude earthquake occurred in Somogy County, near to Vése. The quake was reported felt from the epicentral area. The maximum intensity was estimated around 4 EMS at the epicentral area.

Calculated intensity distribution of the event is shown in Figure 4.1.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 1300 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 150 km²



4.1. ábra A 2018. március 7-i, vései földrengés (11:22 UTC) számított intenzitás eloszlása

Figure 4.1. Instrumental intensity distribution of the Vése earthquake 7th March 2018 (11:22 UTC)

2018. április 21. - Csókakő / 21 April 2018 - Csókakő**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

Dátum / Date:	2018/04/21
Kipattanási idő / Origin Time:	7:58:00.61 UTC
Szélesség és hosszúság / Latitude and Longitude:	47.356 N 18.272 E (S.D. 1.4 km)
Mélység / Depth:	8.8 km (S.D. 1.3 km)
Magnitúdó / Magnitude:	2.0 ML
Maximális intenzitás / Maximum Intensity:	4 EMS

LEÍRÁS

Április 21-én reggel 2.0 ML magnitúdójú földrengést éreztek a Móri-árok környékén, Csókakő térségében. A rengés intenzitása 4 EMS fokra becsülhető az epicentrum környezetében. A földrengés csak kis területen volt érezhető.

A rengés számított intenzitás eloszlását a 4.2. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 887 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 96 km²

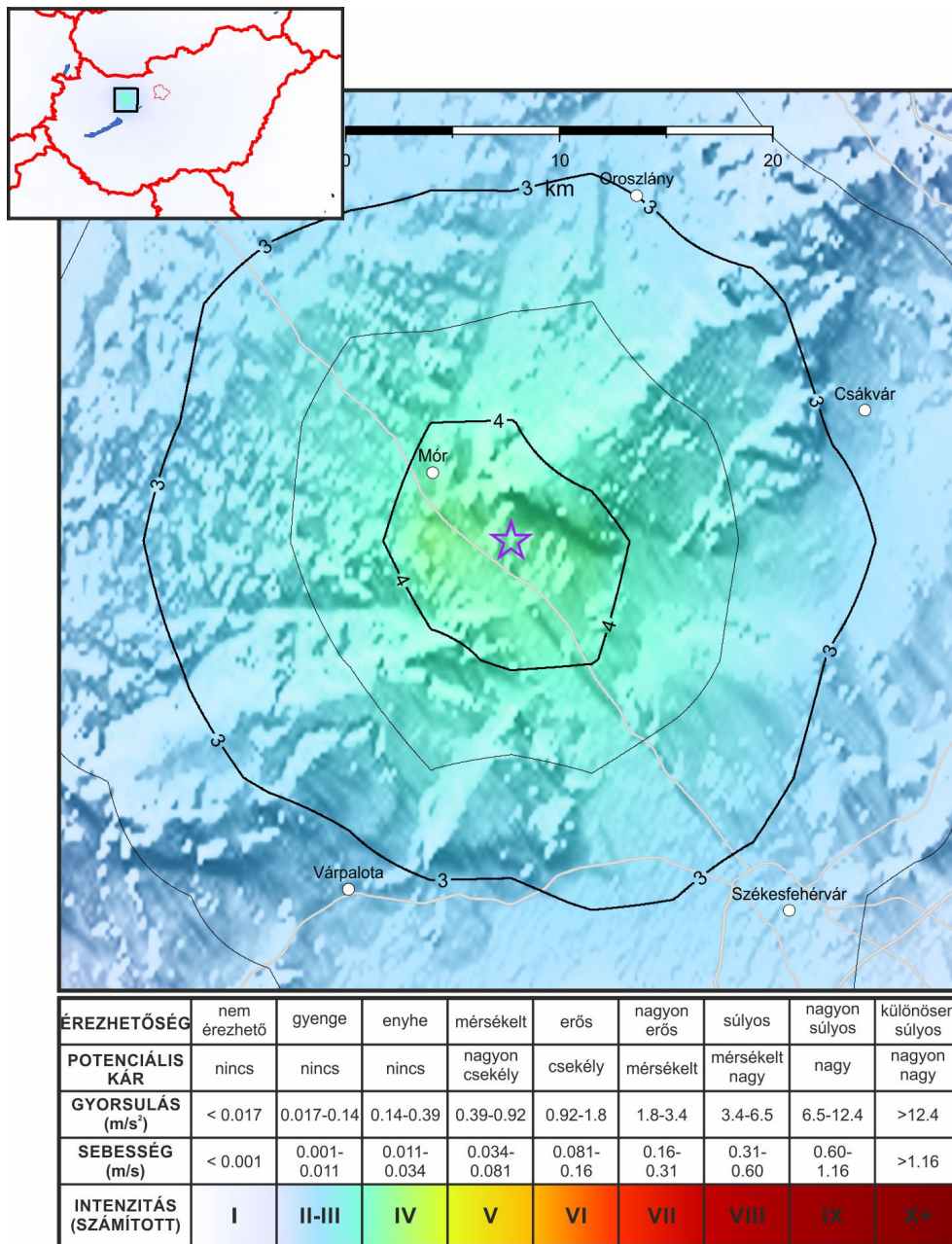
DISCUSSION

In the morning of April 21st, a 2.0 ML magnitude earthquake was felt in the Mór Graben area, near to Csókakő. The maximum intensity was estimated 4 EMS. The earthquake was felt in a small area.

Calculated intensity distribution of the event is shown in Figure 4.2.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 887 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 96 km²



4.2. ábra A 2018. április 21-i, csókakői földrengés (07:58 UTC) számított intenzitás eloszlása

Figure 4.2. Instrumental intensity distribution of the Bábolna earthquake 21st April 2018 (07:58 UTC)

2018. augusztus 29. - Gyékényes / 29 August 2018 - Gyékényes**FÉSZEKPARAMÉTEREK / HYPOCENTER PARAMETERS**

Dátum / Date:	2018/08/21
Kipattanási idő / Origin Time:	13:29:07.52 UTC
Szélesség és hosszúság / Latitude and Longitude:	46.180 N 17.039 E (S.D. 1.4 km)
Mélység / Depth:	12.4 km (S.D. 1.2 km)
Magnitúdó / Magnitude:	3.0 ML
Maximális intenzitás / Maximum Intensity:	3-4 EMS

LEÍRÁS

Augusztus 29-én délután 3.0 ML magnitúdójú földrengést éreztek Gyékényes térségében. A rengés intenzitása 3-4 EMS fokra becsülhető az epicentrum környezetében. A földrengés csak kis területen volt érezhető.

A rengés számított intenzitás eloszlását a 4.2. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 2500 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 70 km²

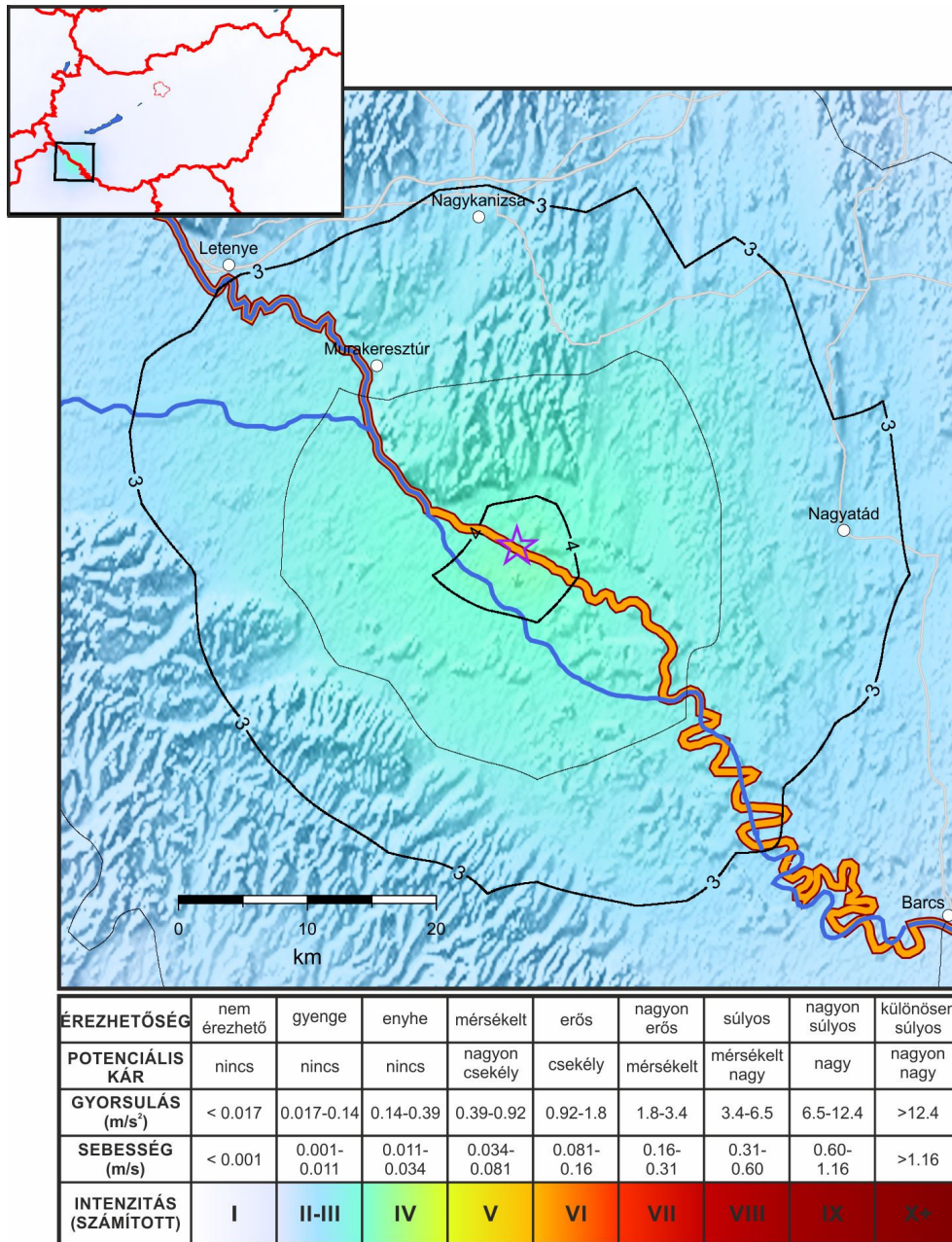
DISCUSSION

In the afternoon of August 29th, a 3.0 ML magnitude earthquake was felt at Gyékényes area. The maximum intensity was estimated 3-4 EMS. The earthquake was felt in a small area.

Calculated intensity distribution of the event is shown in Figure 4.2.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 2500 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 70 km²



4.3. ábra A 2018. augusztus 29-i, gyékényesi földrengés (13:29 UTC) számított intenzitás eloszlása

Figure 4.2. Instrumental intensity distribution of the Gyékényes earthquake 29th August 2018 (13:29 UTC)

HIVATKOZÁSOK / REFERENCES

- Field, E.H., Jordan, T.H. and Cornell C.A., 2003. OpenSHA: A Developing Community-Modeling Environment for Seismic Hazard Analysis, *Seismological Research Letters*, 74, no. 4, p. 406-419
- Grünthal, G. (editor), 1998. European Macroseismic Scale 1998. Conseil de L'Europe, Luxembourg, 1998. pp. 99.
- Lee, W.H.K. and J.C. Lahr, 1975. HYPO71 (Revised): A computer program for determining hypocenter, magnitude, and first motion pattern of local earthquakes. U. S. Geological Survey Open-file report 75-311.
- Mónus, P., 1995. Travel time curves and crustal velocity model for the Pannonian basin. MTA GGKI Technical report
- Reasenber, P.A. and D. Oppenheimer, 1985. FPFIT, FPLOT and FPPAGE: Fortran computer programs for calculating and displaying earthquake fault-plane solutions, USGS Open File Report No. 85-739.
- Tóth, L. and P. Mónus, 1997. The micro-seismic monitoring network of the Paks NPP, in: *Seismic Safety of the Paks Nuclear Power Plant*, Akadémiai Kiadó, Budapest, 1997, pp. 113-121.
- Tóth, L., P. Mónus, T. Zsíros and M. Kiszely, 2002a. A Pannon-medence szeizmicitása, *Földtani Közlöny 132/különszám*, 327-337
- Tóth, L., P. Mónus, T. Zsíros and M. Kiszely, 2002b. Seismicity in the Pannonian Region - earthquake data, *EGU Stephan Mueller Special Publication Series*, 3, 9-28
- Tóth L., Mónus P., Bus Z., Győri E., 2008. Seismicity of the Pannonian Basin, In: E.S. Husebye (ed.), *Earthquake Monitoring and Seismic Hazard Mitigation in Balkan Countries*, Springer Verlag, NATO ARW Series, Vol. 81, p. 97-108.

A MELLÉKLET

EURÓPAI MAKROSZEIZMIKUS SKÁLA (EMS)

1 ☞ **Nem érezhető**

Nem érezhető, még a legkedvezőbb körülmények között sem.

2 ☞ **Alig érezhető**

A rezgést csak egy-egy, elsősorban fekvő ember érzi, különösen magas épületek felsőbb emeletein.

3 ☞ **Gyenge**

A rezgés gyenge, néhány ember érzi, főleg épületen belül. A fekvő emberek lengést vagy gyenge remegést éreznek.

4 ☞ **Széles körben érezhető**

A rezgést épületen belül sokan érzik, a szabadban kevesen. Néhány ember felébred. A rezgés mértéke nem ijesztő. Ablakok, ajtók, edények megcsörrennek, felfüggesztett tárgyak lengenek.

5 ☞ **Erős**

A rezgést épületen belül a legtöbben érzik, a szabadban csak néhányan. Sok alvó ember felébred, néhányan a szabadba menekülnek. Az egész épület remeg, a felfüggesztett tárgyak nagyon lengenek. Tányérok, poharak összekocognak. A rezgés erős, nehéz tárgyak felborulnak. Ajtók, ablakok kinyílnak vagy bezáródnak. Néhány esetben az ablaküvegek betörhetnek. Néhány vályog- és téglapépület falában hajszálrepedések keletkezhetnek, kisebb vakolatdarabok lehullhatnak.

6 ☞ **Kiseb károk okozó**

Épületen belül szinte mindenki, szabadban sokan érzik. Épületben tartózkodók közül sokan megijednek, és a szabadba menekülnek. Kiseb tárgyak leesnek. Hagyományos épületek közül sokban keletkezik kisebb kár, hajszálrepedés a vakolatban, kisebb vakolatdarabok lehullanak.

7 ☞ **Károk okozó**

A legtöbb ember megrémül, és a szabadba menekül. Bútorok elmozdulnak, a polcokról sok tárgy leesik. Sok hagyományos épület szenved mérsékelt sérülést: kisebb repedések keletkeznek a falakban, kémények ledőlnek.

8 ☞ **Súlyos károk okozó**

Bútorok felborulnak. Sok hagyományos épület megsérül: kémények ledőlnek, a falakban nagy repedések keletkeznek, néhány épület részlegesen összedől.

9 ☞ **Pusztító**

Oszlopok, műemlékek ledőlnek vagy elferdülnek. Sok hagyományos épület részlegesen, néhány teljesen rombadól.

10 ☞ **Nagyon pusztító**

Sok hagyományos épület összedől.

11 ☞ **Elsőprő**

A legtöbb épület összedől.

12 ☞ **Teljesen elsőprő**

Gyakorlatilag minden építmény megsemmisül.

(Részletesen lásd: Grünthal, 1998)

APPENDIX A

EUROPEAN MACROSEISMIC SCALE (EMS)

- 1 ☞ Not felt**

Not felt, even the most favourable circumstances.
- 2 ☞ Scarcely felt**

Vibration is felt only by individual people at rest in houses, especially on upper floors of buildings.
- 3 ☞ Weak**

The vibration is weak and is felt indoors by a few people. People at rest feel a swaying or light trembling.
- 4 ☞ Largely observed**

The earthquake is felt indoors by many people, outdoors by very few. A few people are awakened. The level of vibration is not frightening. Windows, doors and dishes rattle. Hanging objects swing.
- 5 ☞ Strong**

The earthquake is felt indoors by most, outdoors by few. Many sleeping people awake. A few run outdoors. Buildings tremble throughout. Hanging objects swing considerably. China and glasses clatter together. The vibration is strong. Top heavy objects topple over. Doors and windows swing open or shut. Minor damage e.g. fine cracks may occur in ordinary buildings.
- 6 ☞ Slightly damaging**

Felt by most indoors and many outdoors. Many people in buildings are frightened and run outdoors. Small objects fall. Slight damage to many ordinary buildings e.g. fine cracks in plaster and small pieces of plaster fall.
- 7 ☞ Damaging**

Most people are frightened and run outdoors. Furniture is shifted and objects fall from shelves in large numbers. Many ordinary buildings suffer moderate damage: small cracks in walls, partial collapse of chimneys.
- 8 ☞ Heavily damaging**

Furniture may be overturned. Many ordinary buildings suffer damage: chimneys fall, large cracks appear in walls and few buildings may partially collapse.
- 9 ☞ Destructive**

Monuments and columns fall or are twisted. Many ordinary buildings partially collapse and few collapse completely.
- 10 ☞ Very destructive**

Many ordinary buildings collapse.
- 11 ☞ Devastating**

Most ordinary buildings collapse.
- 12 ☞ Completely devastating**

Practically all structures above and below ground are heavily damaged or destroyed.

(For details see Grünthal, 1998)

