



Magyarországi földrengések évkönyve
Hungarian Earthquake Bulletin
2014

Tóth L., Mónus P., Kiszely M.

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Földrengés Mérnöki Iroda ♦ Earthquake Engineering

Budapest

MAGYARORSZÁGI FÖLDRENGÉSEK ÉVKÖNYVE

HUNGARIAN EARTHQUAKE BULLETIN

2014

TÓTH LÁSZLÓ*, MÓNUS PÉTER*, KISZELY MÁRTA*

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Back cover page:

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Instrumental earthquakes: 1995-2014 (red)

Background: Depth of Pre-tercier Basement

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Zsíros T.: Magyar földrengés katalógus (456-1995)

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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), 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 földrengéskockázatot, 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.

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) 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.

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 2014. év szeizmikus szempontból átlagosan aktív időszaknak tekinthető Magyarországon. Az év folyamán 487 szeizmikus eseményről szereztünk tudomást a 45.5-49.0 É szélességi és 16.0-23.0 K hosszúsági koordináták által határolt területen, amelyek közül 175 volt természetes eredetű földrengés, 312 pedig robbantás.

Az észlelt földrengések mérete a $-0.6 \leq M_L \leq 4.2$ lokális magnitúdó tartományba esett. A fészekmélység jellemzően sekély, csak néhány esetben nagyobb 10 km-nél.

A kőbányarobbantások szeizmikus magnitúdói a $0.0 \leq M_L < 2.3$ tartományban voltak, a fészekmélység pedig minden esetben nulla.

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

A legnagyobb műszeresen meghatározott magnitúdójú rengés 4.2 M_L , míg a legnagyobb földrengés intenzitás, melyet Magyarország területéről az év folyamán jelentettek 5-6 EMS fokozatú volt, egy-két esetben csekély épületkárok is keletkeztek.

A rengések mindegyike többé-kevésbé ismert forrászónához köthető. A legnagyobb számú szeizmikus esemény 2014-ben Iliny-Nógrádmarcfal környékén keletkezett, ahol 14 kis-közepes földrengést észleltünk, melyek közül négy érezhető volt. A Bükk hegységben keletkezett tíz rengés közül három szintén elérte az érzéketőséget.

A Vértes hegységben, a Komárom – Berhida közé eső területen, a Móri-árok forrászónában is számos földrengés keletkezett. Ennek egyik, nem szeizmotektonikai magyarázata az állomáshálózat fokozott érzékenysége ezen a területen.

Az év első érezhető rengését (M_L 4.2) január 19-én hajnalban jelezték Iliny – Nógrádmarcfal környékén. A rengés intenzitása 5 EMS fokra becsülhető az epicentrum térségében. Néhány településen enyhébb épületkárok is keletkeztek, elsősorban gyengébb, régebbi épületekben vakolatrepedések, kémény-sérülések. A földrengés az év legnagyobb és legjelentősebb rengése volt, mely nagy területen volt érezhető. A rengést számos utórengés követte, melyek közül további négy érezhető volt (január 19-én, január 22-én, február 3-án, augusztus 3-án).

Február 11-én délelőtt Nagykőrös környékén volt érezhető (4 EMS) egy 2.6 M_L magnitúdójú földrengés.

Február 19-én délután, Nógrád megyében, Érsekvadkert környékén éreztek földrengést. A 2.5 M_L magnitúdójú rengés a 2013. június 5-i 4.1 M_L magnitúdójú rengés utórengésének tekinthető. A rengés maximális intenzitása 4-5 EMS körül volt.

Az év folyamán tíz kis és közepes méretű földrengés volt a Bükk hegység környékén. Az első május 8-án reggel Bükkszentkereszten és környékén érezték. A 2.8 M_L magnitúdójú rengés maximális intenzitása 5 EMS körüli volt. A további rengések közül kettő volt érezhető június 4-én (3.0 M_L) és június 5-én (2.6 M_L).

1.

SUMMARY

2014 was an average active year for Hungarian seismicity. Out of the 487 seismic events located within the area bounded by latitudes 45.5-49.0 N and longitudes 16.0-23.0 E, 175 were identified as natural earthquakes and 312 were known as quarry blasts.

The magnitude of the earthquakes was in the range of $-0.6 \leq M_L \leq 4.2$. 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 $0.0 \leq M_L < 2.3$ with zero focal depth.

During the year, all together ten earthquakes were reported as felt.

The highest magnitude assigned to a shock was 4.2 M_L while the highest intensity reported during the year was 5-6 EMS. Light and insignificant building damages were also reported during the year.

All detected and located earthquakes can be connected to more or less well-known source zones. In 2014, largest number of events were located in Iliny – Nógrádmárcal area where four quakes were felt out of the 14 small to medium size earthquakes. Three of the ten earthquakes located in the Bükk Mountain area were also felt.

A number of earthquakes was 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.

The first felt event of the year was reported from Iliny – Nógrádmárcal area in the early morning of January 19th. The shock was felt 5 EMS in the epicentral region. Light and insignificant damages (cracks in walls, and damage of chimneys) were reported from the epicentral area mostly at poorer quality older buildings. The quake was felt in a large area and proved to be the largest magnitude event of the year. The main shock was followed by a number of aftershocks, out of which four noticeable and felt (19 January, 22 January, 3 February 3 and 3 August).

A magnitude 2.6 M_L earthquake alerted people at Nagykőrös area in the morning of February 11th. The shock was felt (4 EMS) at the epicenter.

In the afternoon of February 19th, a magnitude 2.5 M_L earthquake was reported (4-5 EMS) from Érsekvadkert, Nógrád County. The event was one of the felt aftershocks of the larger (M_L 4.1) earthquake on 5th June, 2013.

Ten small to medium size earthquakes were located in the Bükk Mountain area during the year. The first one was a 2.8 M_L magnitude event felt and reported 5 EMS from Bükkszentkereszt on 8th May. Two of the later events on 4th June (3.0 M_L) and 5th June (2.6 M_L) were also felt.

2.

FÖLDRENGÉS MEGFIGYELŐ ÁLLOMÁSOK MAGYARORSZÁGON

2014-ben 23 állandó szeizmográf állomás működött Magyarországon. Az állomások közül tízet a GeoRisk Földrengés Mérnöki Iroda Kft., tizenhármát pedig az MTA CSFK Geodéziai és Geofizikai Intézet (MTA CSFK GGI) üzemeltetett (2.1. Táblázat és 2.1. ábra).

Szélessávú állomások

Az év folyamán 12 szélessávú szeizmológiai állomás működött (AMBH, BEHE, BSZH, BUD, EGYH, 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, EGYH, LTVH és TIH állomásokon Güralp CMG-3T szeizmométer és Güralp CMG-DM24S3-EAM adatgyűjtő egység található. Mindegyik állomás internet összeköttetéssel rendelkezik, így az adatok közel valós időben, egy erre a célra kifejlesztett protokoll (SeedLink) felhasználásával jutnak el az adatközpontba, ahol a feldolgozás és archiválás történik. Az adatközpontban az adatok átlagos késése a valós időhöz képest 10 másodperc körüli. Az állomáson tárolt adatok bizonyos idő elteltével törlődnek.

Rövidperiódusú állomások

A 11 rövidperiódusú állomás közül tíz teljesen azonos mérőeszközzel van felszerelve. Ezeken Güralp CMG-40T rövidperiódusú, 3 komponenses szeizmométer és Güralp CMG-DM24S3-EAM digitalizáló és adatgyűjtő működik, folyamatos regisztrálással. Egy állomáson (CSKK) az érzékelő három Kinometrics SS-1 rövidperiódusú szeizmométer, az adatgyűjtő itt is Güralp CMG-DM24S3-EAM, szintén folyamatos regisztrálással. Mindegyik rövidperiódusú állomás internet összeköttetéssel rendelkezik.

GeoRisk adatközpont (www.foldrenges.hu)

Az összes mérőállomáson regisztrált adatot egy felhő alapú adatközpontban gyűjtjük és dolgozzuk fel. 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 közel valós idejűek.

Az események hullámfázisainak körültekintő manuális kimérése alapján állítjuk össze havonta a fázisadatokat (kimérési adatokat) tartalmazó jelentést. A fázisadatok 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- (talajnyugtalanóság) viszonyokat feltételezve a magyarországi szeizmológiai hálózat jelenlegi észlelési képessége $M_L=1.0-2.0$ magnitúdó körül van. Az ország középső részén kissé alacsonyabb, a határok környékén kissé magasabb az érzékenységi küszöb. Ez azt jelenti, hogy a lakosság által érzékelt valamennyi rengést a hálózat nagy valószínűséggel detektálja.

2.

SEISMOGRAPH STATIONS IN HUNGARY

In 2014, there were 23 permanent seismograph stations running in Hungary. Ten of the permanent stations were operated by GeoRisk Earthquake Engineering Ltd. and thirteen 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 stations

Twelve broadband stations (AMBH, BEHE, BSZH, BUD, EGYH, 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. Four stations (AMBH, EGYH, LTVH and TIH) are equipped with Güralp CMG-3T seismometer and Güralp CMG-DM24-S3-EAM data acquisition module. All stations are accessible via internet in support of near real time data transfer. The average data latency at these stations is typically less than 10 s. SeedLink protocol is used for data collection and all continuous data is archived in the Data Centre.

Short period stations

Ten of the eleven short period stations 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 Kinematics short period SS-1 sensors, and Güralp CMG-DM24S3-EAM digital acquisition system for recording and communication with the Data Centre. Continuous data are recorded at each short period station. All stations are accessible via internet.

GeoRisk Data Centre (www.foldrenge.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.foldrenge.hu.

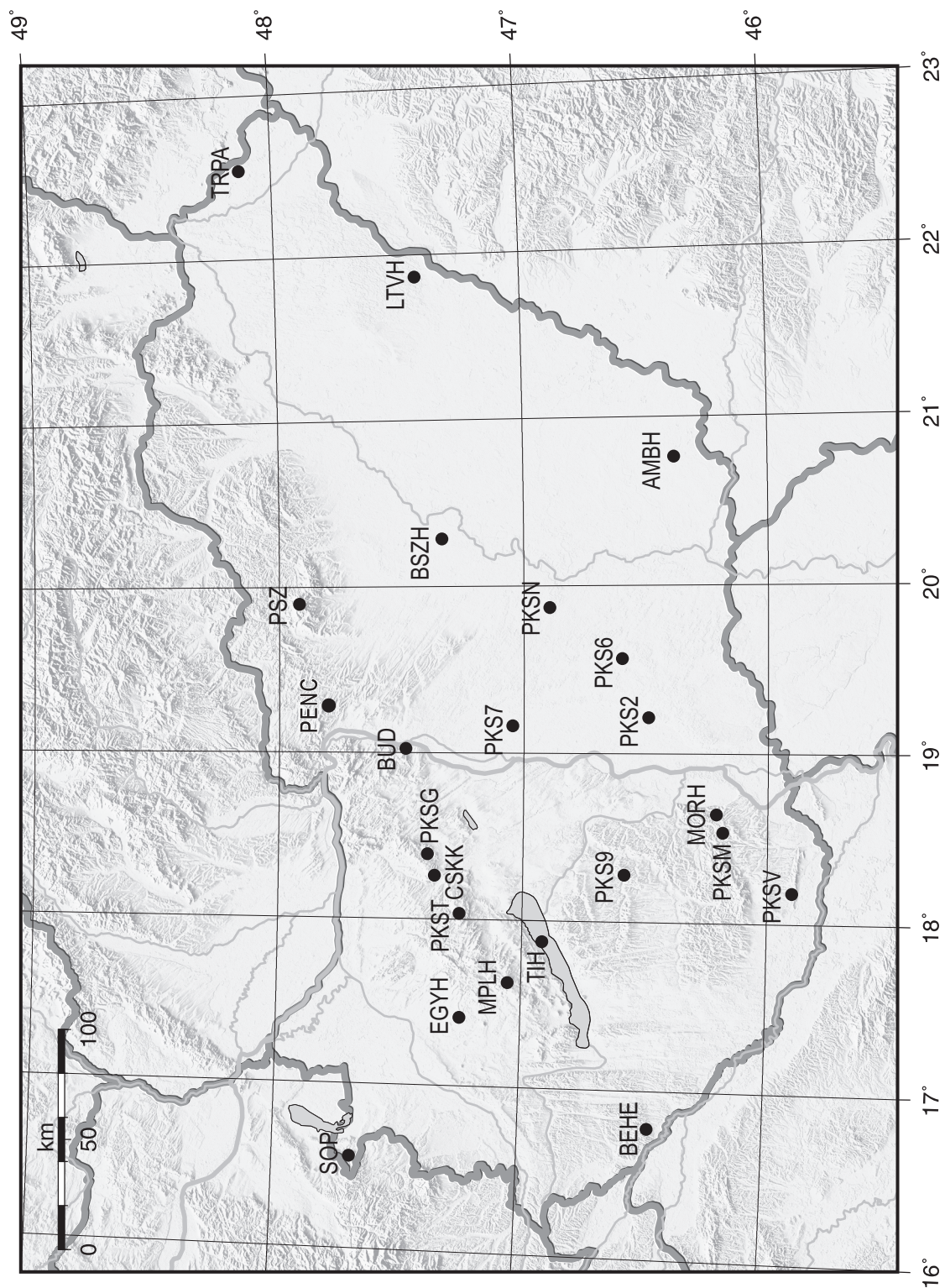
The estimated detection capabilities of the present network with average noise conditions, supposing that at least four stations is needed for origin determination, is typically around 1.0-2.0 M_L , somewhat lower in the middle of the country and a little higher towards the border regions. This means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

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) |
|------------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------|--|--|--|-----------------------|
| 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 SP | SS-1 | CMG-DM24S3- EAM | GGI |
| EGYH* Egyházaskesző | 47.4171 | 17.3318 | 225 | kőzet rock | 3C BB | CMG-3T | CMG-DM24S3- EAM | 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 |
| 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 |
| 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 |
| 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 | mész limestone | 3C SP | CMG-40T | CMG-DM24S3- EAM | 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 |

- (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 broad band seismometer
CMG-40T – Gúralp rövidperiódusú szeizmométer / Gúralp short period seismometer
CMG-3T – Gúralp széles sávú szeizmométer / Gúralp broad band seismometer
SS-1 – Kinematics SS-1 rövidperiódusú szeizmométer / Kinematics SS-1 short period seismometer
 - (3) PS-6-24 – Earth Data digitalizáló / Earth Data digitizer
CMG-DM24S3-EAM – Gúralp adatgyűjtő / Gúralp data acquisition module;
SeisComP – GEOFON Seismological Communication Processor
 - (4) GGI – MTA CSFK Geodéziai és Geofizikai Intézet / Geodetic and Geophysical Institute, MTA CSFK
GR – GeoRisk Földrengés Mérnöki Iroda Kft. / GeoRisk Earthquake Engineering Ltd.
MFGI – Magyar Földtani és Geofizikai Intézet / Geological and Geophysical Institute of Hungary
- (*) Működés kezdete / Open date: 2014/07/24



2.1. ábra Szeizmológiai állomások Magyarországon 2014-ben (részletek: 2.1. Táblázat)

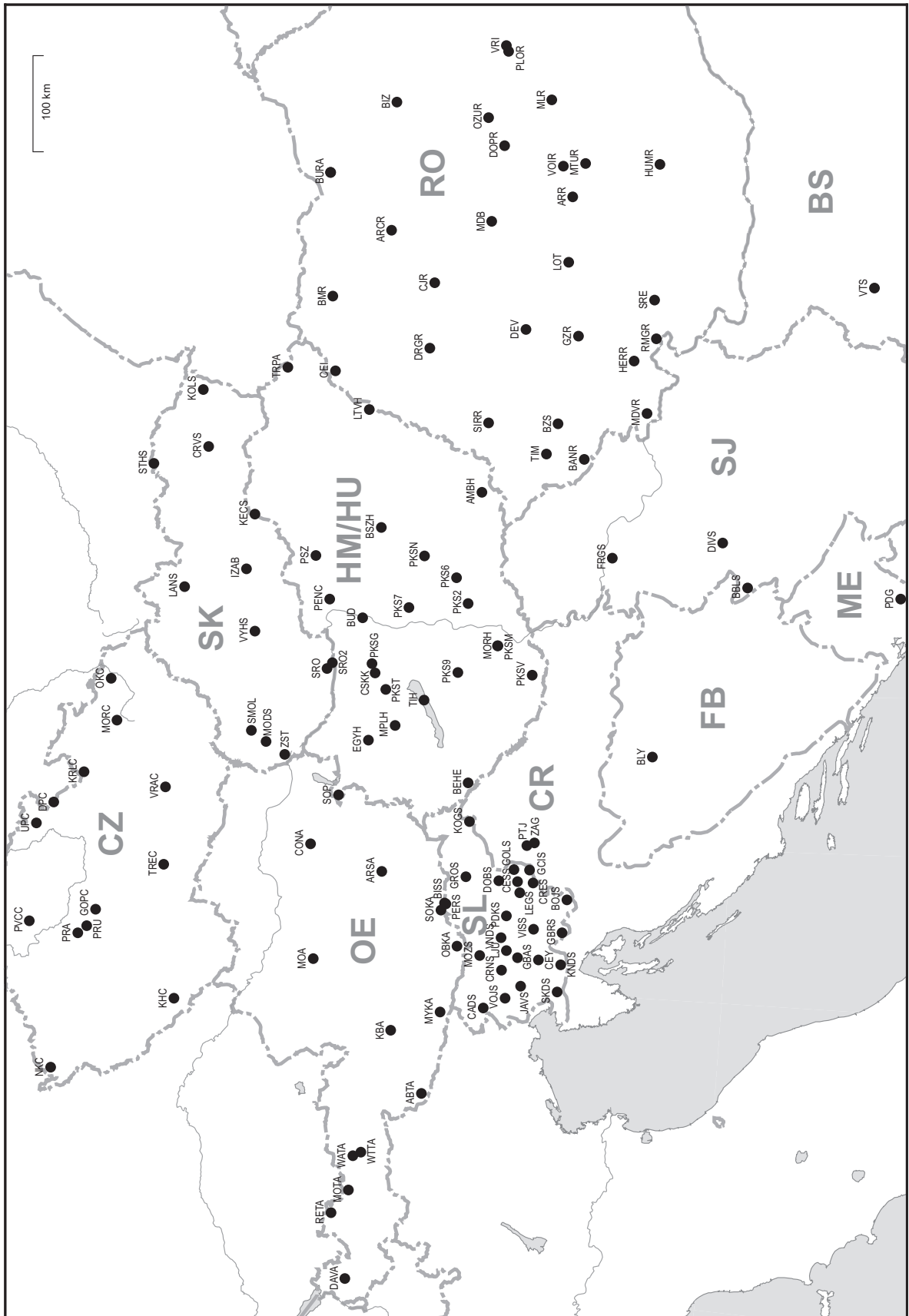
Figure 2.1. Seismograph stations in Hungary in 2014 (See Table 2.1. for details)

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).

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.foldrenges.hu). The present configuration of the *HUN-RENG* virtual seismic network is shown in Table 2.2.



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 |
| 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 | ∞ | |

ESEMÉNYLISTA / LIST OF EVENTS

| 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, 2014 | | | | | | |
| 09 | 8:54:16.0 | 47.431N 18.200E | 0 | 0.6 | - | Pusztavám (expl.) |
| 10 | 6:53:04.4 | 45.956N 16.976E | 10 | 2.5 | - | Croatia |
| 10 | 7:01:39.5 | 45.956N 16.919E | 10 | 1.7 | - | Croatia |
| 11 | 19:07:45.1 | 45.900N 16.901E | 16 | 1.7 | - | Croatia |
| 11 | 21:50:23.2 | 45.989N 16.957E | 10 | 1.7 | - | Croatia |
| 12 | 1:28:29.2 | 46.507N 16.738E | 12 | 1.6 | - | Kistolmács |
| 13 | 12:21:55.3 | 47.215N 18.281E | 0 | 0.6 | - | Iszkasztgy (expl.) |
| 15 | 16:38:04.1 | 46.089N 17.143E | 3 | 1.8 | - | Croatia |
| 17 | 4:22:36.2 | 48.039N 19.438E | 10 | 1.7 | - | Iliny |
| 17 | 8:32:04.5 | 45.994N 18.179E | 0 | 0.7 | - | Győd (expl.) |
| 17 | 8:37:06.7 | 45.997N 18.173E | 0 | 0.8 | - | Győd (expl.) |
| 17 | 8:40:10.0 | 47.323N 18.410E | 0 | 1.1 | - | Zámoly (expl.) |
| 17 | 8:40:25.4 | 47.318N 18.424E | 0 | 1.1 | - | Zámoly (expl.) |
| 19 | 1:34:34.5 | 48.025N 19.435E | 2 | 4.2 | 5 | Iliny |
| 19 | 1:48:43.4 | 48.017N 19.418E | 4 | 3.2 | 4-5 | Iliny |
| 19 | 16:40:47.1 | 48.037N 19.458E | 0 | 2.2 | - | Varsány |
| 19 | 19:36:21.6 | 48.061N 19.442E | 10 | 1.3 | - | Csitár |
| 21 | 1:06:05.3 | 48.021N 19.433E | 4 | 2.7 | - | Iliny |
| 21 | 18:32:19.1 | 47.951N 20.158E | 10 | 1.5 | - | Szajla |
| 22 | 12:13:43.2 | 48.011N 19.399E | 3 | 2.9 | 4-5 | Iliny |
| 22 | 12:49:48.0 | 48.043N 19.427E | 8 | 1.6 | - | Iliny |
| 23 | 13:09:13.3 | 47.368N 18.240E | 1 | 0.0 | - | Mór |
| 23 | 13:33:35.3 | 47.478N 18.186E | 0 | 0.3 | - | Bokod (expl.) |
| 24 | 9:16:27.0 | 47.353N 18.365E | 0 | 0.9 | - | Gánt (expl.) |
| 24 | 9:16:40.1 | 47.360N 18.418E | 0 | 1.0 | - | Gánt (expl.) |
| 24 | 9:31:09.3 | 47.312N 18.384E | 0 | 0.8 | - | Zámoly (expl.) |
| 24 | 13:58:16.9 | 47.454N 18.228E | 0 | 0.3 | - | Pusztavám (expl.) |
| 27 | 8:19:19.0 | 47.110N 18.077E | 6 | 1.1 | - | Vilonya |
| 30 | 8:40:49.5 | 47.449N 18.359E | 0 | 1.1 | - | Oroszlány (expl.) |
| FEBRUÁR / FEBRUARY, 2014 | | | | | | |
| 01 | 2:38:31.0 | 47.622N 16.710E | 6 | 1.2 | - | Nagycenk |
| 03 | 23:57:07.5 | 48.037N 19.417E | 0 | 2.0 | 4 | Iliny |
| 04 | 0:41:36.5 | 47.380N 18.240E | 0 | 0.2 | - | Mór |
| 04 | 1:56:43.1 | 46.417N 18.533E | 10 | 0.9 | - | Zomba |
| 04 | 9:47:15.6 | 45.859N 18.384E | 0 | 0.5 | - | Kisharsány (expl.) |
| 04 | 16:58:58.8 | 47.335N 18.228E | 0 | 0.0 | - | Bodajk |
| 05 | 7:42:31.7 | 47.424N 18.302E | 0 | 0.8 | - | Pusztavám (expl.) |
| 05 | 8:57:49.9 | 47.420N 18.327E | 0 | 1.0 | - | Pusztavám (expl.) |
| 05 | 12:28:46.6 | 48.037N 19.432E | 1 | 1.5 | - | Iliny |
| 10 | 9:28:50.0 | 47.442N 18.258E | 0 | 0.8 | - | Pusztavám (expl.) |
| 10 | 9:35:46.7 | 47.334N 18.450E | 0 | 1.1 | - | Zámoly (expl.) |
| 11 | 9:15:27.0 | 47.048N 19.704E | 10 | 2.6 | 4 | Nagykőrös |
| 13 | 10:10:54.1 | 47.367N 17.942E | 10 | 0.3 | - | Bakonyoszlop |
| 15 | 22:52:00.8 | 47.931N 16.257E | 3 | 1.5 | - | Austria |
| 16 | 22:01:21.8 | 47.437N 18.179E | 3 | 0.0 | - | Felsődobos |
| 16 | 22:02:55.1 | 47.373N 18.236E | 8 | -0.4 | - | Mór |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | | | |
|----|------------|---------|---------|----|-----|-----|---------------------|
| 17 | 8:41:33.5 | 47.224N | 18.163E | 10 | 0.9 | - | Bakonykúti |
| 19 | 7:20:26.7 | 46.001N | 18.142E | 0 | 0.8 | - | Gyód (expl.) |
| 19 | 10:13:35.5 | 47.254N | 18.144E | 10 | 0.8 | - | Isztimér |
| 19 | 15:54:25.0 | 48.007N | 19.233E | 6 | 2.5 | 4-5 | Érsekvadkert |
| 20 | 7:12:06.8 | 47.261N | 18.363E | 10 | 0.6 | - | Sárkeresztes |
| 23 | 20:34:52.6 | 47.452N | 18.362E | 13 | 0.8 | - | Oroszlány |
| 24 | 9:29:42.0 | 47.495N | 18.357E | 0 | 0.9 | - | Vértessomló (expl.) |
| 24 | 9:30:17.5 | 47.443N | 18.336E | 0 | 0.8 | - | Oroszlány (expl.) |
| 24 | 9:37:37.6 | 47.347N | 18.370E | 5 | 0.8 | - | Zámoly |
| 25 | 12:37:50.1 | 47.436N | 18.049E | 0 | 0.3 | - | Aka (expl.) |
| 27 | 17:41:17.7 | 46.005N | 17.188E | 31 | 2.2 | - | Croatia |
| 28 | 11:46:14.7 | 48.646N | 20.741E | 0 | 1.8 | - | Slovakia (expl.) |

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| | | | | | | | |
|----|------------|---------|---------|----|------|---|-----------------------|
| 01 | 23:19:37.5 | 47.352N | 18.147E | 0 | 0.0 | - | Nagyveleg |
| 03 | 9:58:12.1 | 47.872N | 19.413E | 0 | 1.2 | - | Bercel (expl.) |
| 03 | 13:29:00.0 | 47.958N | 20.054E | 0 | 0.9 | - | Mátraderecske (expl.) |
| 04 | 6:55:46.1 | 47.386N | 18.338E | 0 | 0.7 | - | Gánt (expl.) |
| 04 | 6:56:20.9 | 47.476N | 18.391E | 0 | 1.0 | - | Várgesztes (expl.) |
| 04 | 6:56:41.8 | 47.359N | 18.406E | 0 | 0.8 | - | Gánt (expl.) |
| 04 | 12:54:43.5 | 47.421N | 18.057E | 0 | 0.3 | - | Aka (expl.) |
| 05 | 12:18:42.5 | 47.201N | 18.268E | 0 | 0.4 | - | Csór (expl.) |
| 06 | 7:30:32.1 | 47.319N | 18.234E | 1 | 0.7 | - | Bodajk |
| 06 | 14:49:18.9 | 47.997N | 20.126E | 1 | 1.4 | - | Kisfüzes |
| 08 | 22:44:40.6 | 47.370N | 18.194E | 3 | -0.2 | - | Mór |
| 09 | 1:30:04.8 | 47.352N | 18.223E | 6 | -0.5 | - | Mór |
| 09 | 2:36:13.8 | 47.382N | 18.203E | 1 | -0.6 | - | Mór |
| 09 | 2:36:59.0 | 47.326N | 18.230E | 3 | -0.1 | - | Bodajk |
| 10 | 8:34:18.5 | 47.433N | 18.354E | 0 | 0.9 | - | Oroszlány (expl.) |
| 12 | 7:07:29.5 | 47.424N | 18.206E | 0 | 0.5 | - | Pusztavám (expl.) |
| 12 | 7:53:14.2 | 47.466N | 18.378E | 0 | 0.7 | - | Várgesztes (expl.) |
| 12 | 7:53:40.7 | 47.355N | 18.412E | 0 | 0.6 | - | Gánt (expl.) |
| 12 | 7:54:50.5 | 47.341N | 18.390E | 0 | 0.7 | - | Zámoly (expl.) |
| 13 | 3:44:35.8 | 48.308N | 21.547E | 5 | 2.2 | - | Sárospatak |
| 14 | 2:32:18.1 | 47.333N | 18.250E | 10 | 0.3 | - | Bodajk |
| 15 | 17:07:32.6 | 46.066N | 16.247E | 2 | 2.1 | - | Croatia |
| 17 | 7:22:22.9 | 47.903N | 19.144E | 0 | 1.6 | - | Rétság |
| 18 | 7:45:45.5 | 47.635N | 18.394E | 0 | 0.8 | - | Baj (expl.) |
| 18 | 7:46:56.0 | 47.340N | 18.472E | 0 | 0.8 | - | Lovasberény (expl.) |
| 18 | 7:51:29.1 | 47.339N | 18.461E | 0 | 0.8 | - | Lovasberény (expl.) |
| 18 | 7:51:45.7 | 47.431N | 18.316E | 0 | 0.5 | - | Oroszlány (expl.) |
| 18 | 11:21:20.4 | 47.445N | 17.998E | 0 | 0.5 | - | Ácsteszer (expl.) |
| 19 | 13:21:37.0 | 45.931N | 20.699E | 5 | 2.6 | - | Romania |
| 20 | 15:48:27.7 | 47.158N | 17.737E | 0 | 1.3 | - | Herend (expl.) |
| 21 | 9:16:34.4 | 47.499N | 18.317E | 0 | 0.9 | - | Kecskéd (expl.) |
| 21 | 11:05:52.2 | 47.453N | 18.059E | 0 | 0.3 | - | Bakonysárkány (expl.) |
| 22 | 9:24:36.5 | 48.025N | 19.624E | 0 | 1.0 | - | Nagylóc (expl.) |
| 24 | 8:33:08.2 | 47.332N | 18.480E | 0 | 1.1 | - | Lovasberény (expl.) |
| 25 | 11:53:25.6 | 47.665N | 17.983E | 10 | 1.2 | - | Bábolna |
| 25 | 13:02:04.9 | 47.425N | 18.042E | 0 | 0.4 | - | Aka (expl.) |
| 26 | 2:47:39.1 | 47.374N | 18.205E | 0 | -0.2 | - | Mór |
| 26 | 8:40:00.8 | 47.335N | 18.423E | 0 | 1.0 | - | Zámoly (expl.) |
| 26 | 8:43:45.9 | 47.332N | 18.428E | 0 | 1.2 | - | Zámoly (expl.) |
| 26 | 8:43:57.3 | 47.529N | 18.327E | 0 | 1.2 | - | Kecskéd (expl.) |
| 26 | 12:49:55.0 | 47.435N | 18.064E | 0 | 0.2 | - | Aka (expl.) |
| 27 | 12:31:18.9 | 47.454N | 18.049E | 0 | 0.3 | - | Vérteskethely (expl.) |
| 27 | 20:39:43.0 | 47.363N | 18.211E | 1 | -0.2 | - | Mór |
| 29 | 4:27:11.6 | 48.681N | 20.186E | 0 | 1.5 | - | Slovakia |
| 31 | 2:08:41.2 | 47.948N | 16.415E | 6 | 1.7 | - | Austria |
| 31 | 10:19:43.6 | 47.486N | 17.945E | 0 | 1.0 | - | Bakonyszomb. (expl.) |

Hypocenter Parameters

Földrengés paraméterek

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| | | | | | | | |
|----|------------|---------|---------|----|------|---|----------------------|
| 01 | 6:40:05.5 | 46.020N | 18.110E | 0 | 0.6 | - | Zók (expl.) |
| 01 | 9:00:08.0 | 48.837N | 20.425E | 1 | 2.3 | - | Slovakia |
| 01 | 9:03:20.1 | 47.578N | 18.351E | 10 | 1.0 | - | Környe |
| 02 | 7:31:42.3 | 47.455N | 18.248E | 0 | 0.5 | - | Pusztavám (expl.) |
| 02 | 7:31:56.1 | 47.454N | 18.292E | 0 | 0.6 | - | Oroszlány (expl.) |
| 02 | 7:34:43.1 | 47.419N | 18.301E | 0 | 0.5 | - | Pusztavám (expl.) |
| 02 | 7:35:04.3 | 47.340N | 18.403E | 0 | 0.7 | - | Zámoly (expl.) |
| 02 | 7:35:37.7 | 47.454N | 18.353E | 0 | 0.8 | - | Oroszlány (expl.) |
| 04 | 10:15:27.1 | 47.433N | 18.077E | 0 | 0.4 | - | Aka (expl.) |
| 04 | 12:46:25.5 | 47.333N | 18.269E | 0 | 0.0 | - | Söréd |
| 05 | 8:18:01.9 | 48.064N | 19.613E | 0 | 1.1 | - | Nógrádmegyer (expl.) |
| 07 | 8:18:29.5 | 47.339N | 18.465E | 0 | 0.8 | - | Lovasberény (expl.) |
| 07 | 8:19:21.0 | 47.438N | 18.354E | 0 | 0.7 | - | Oroszlány (expl.) |
| 07 | 10:05:00.4 | 48.377N | 19.827E | 0 | 1.5 | - | Slovakia (expl.) |
| 08 | 9:33:43.9 | 46.238N | 18.159E | 0 | 1.0 | - | Liget (expl.) |
| 10 | 6:42:01.6 | 47.912N | 19.880E | 7 | 1.5 | - | Mátraszentimre |
| 11 | 6:33:04.3 | 47.424N | 18.204E | 0 | 0.3 | - | Pusztavám (expl.) |
| 11 | 6:39:30.7 | 47.439N | 18.172E | 0 | 0.3 | - | Felsődobos (expl.) |
| 11 | 6:54:11.9 | 46.002N | 18.145E | 0 | 0.9 | - | Gyód (expl.) |
| 11 | 8:09:34.5 | 46.096N | 16.611E | 12 | 2.2 | - | Croatia |
| 11 | 22:15:56.2 | 46.054N | 18.415E | 10 | 0.7 | - | Hásságy |
| 13 | 1:29:58.5 | 47.919N | 16.343E | 5 | 1.5 | - | Austria |
| 13 | 20:38:20.2 | 47.370N | 18.105E | 10 | 0.6 | - | Nagyveleg |
| 14 | 8:14:50.2 | 47.475N | 18.352E | 0 | 0.7 | - | Oroszlány (expl.) |
| 14 | 8:15:25.5 | 47.437N | 18.349E | 0 | 0.7 | - | Oroszlány (expl.) |
| 18 | 8:50:21.2 | 47.337N | 17.567E | 15 | 1.2 | - | Nagygyimót |
| 18 | 9:20:56.6 | 47.396N | 18.108E | 0 | 0.3 | - | Aka (expl.) |
| 22 | 1:16:35.2 | 47.362N | 18.242E | 7 | -0.5 | - | Mór |
| 22 | 7:28:21.4 | 47.424N | 18.309E | 0 | 0.5 | - | Pusztavám (expl.) |
| 22 | 7:29:15.9 | 47.416N | 18.316E | 0 | 0.6 | - | Pusztavám (expl.) |
| 22 | 18:23:37.1 | 45.834N | 17.886E | 8 | 2.0 | - | Sósvertike |
| 23 | 21:13:12.2 | 47.096N | 20.462E | 7 | 1.9 | - | Kétpó |
| 24 | 12:06:10.7 | 48.237N | 21.260E | 5 | 1.8 | - | Tállya |
| 25 | 20:11:44.6 | 47.359N | 18.209E | 0 | 0.6 | - | Mór |
| 27 | 15:39:50.6 | 46.213N | 16.748E | 10 | 1.8 | - | Croatia |
| 29 | 9:38:11.1 | 47.459N | 17.900E | 0 | 0.8 | - | Bakonybánk (expl.) |
| 30 | 10:06:29.7 | 48.919N | 20.668E | 7 | 1.7 | - | Slovakia |

MÁJUS / MAY, 2014

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|--------------------|
| 02 | 10:14:07.0 | 48.740N | 21.037E | 0 | 1.8 | - | Slovakia (expl.) |
| 02 | 10:51:03.5 | 48.194N | 19.805E | 0 | 1.3 | - | Slovakia (expl.) |
| 02 | 21:58:47.5 | 47.313N | 17.417E | 2 | 1.0 | - | Borsosgyőr |
| 05 | 8:36:46.2 | 47.473N | 18.385E | 0 | 0.9 | - | Várgesztes (expl.) |
| 05 | 8:37:38.3 | 47.475N | 18.336E | 0 | 1.0 | - | Oroszlány (expl.) |
| 07 | 9:27:59.9 | 47.604N | 16.361E | 4 | 1.2 | - | Austria |
| 07 | 10:41:02.7 | 47.073N | 17.758E | 0 | 1.2 | - | Szentgál (expl.) |
| 08 | 6:37:56.2 | 48.047N | 20.571E | 4 | 2.8 | 5 | Bükkszentkereszt |
| 08 | 9:00:45.3 | 48.087N | 20.656E | 6 | 1.6 | - | Bükkszentlászló |
| 08 | 11:19:56.0 | 47.927N | 18.000E | 10 | 1.3 | - | Slovakia |
| 08 | 19:31:07.4 | 45.645N | 21.462E | 8 | 3.5 | - | Romania |
| 09 | 6:35:34.0 | 47.345N | 18.351E | 0 | 0.6 | - | Zámoly (expl.) |
| 09 | 6:35:52.2 | 47.330N | 18.362E | 0 | 0.6 | - | Zámoly (expl.) |
| 09 | 6:38:15.2 | 47.323N | 18.365E | 0 | 0.5 | - | Zámoly (expl.) |
| 12 | 11:02:51.6 | 48.348N | 19.843E | 6 | 1.7 | - | Slovakia |
| 12 | 14:20:15.7 | 47.109N | 18.003E | 0 | 0.8 | - | Litér (expl.) |
| 13 | 12:47:53.7 | 46.124N | 18.299E | 0 | 0.7 | - | Vasas (expl.) |
| 19 | 9:41:17.7 | 48.619N | 20.742E | 0 | 1.4 | - | Slovakia (expl.) |
| 20 | 11:44:58.4 | 47.187N | 18.297E | 0 | 0.2 | - | Sárkeszi (expl.) |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | | | |
|----|------------|---------|---------|----|------|---|-----------------------|
| 21 | 7:03:29.4 | 47.439N | 18.435E | 0 | 0.8 | - | Várgesztes (expl.) |
| 21 | 7:03:46.3 | 47.369N | 18.482E | 0 | 1.0 | - | Csákvár (expl.) |
| 21 | 7:30:03.1 | 48.617N | 20.719E | 0 | 1.3 | - | Slovakia (expl.) |
| 21 | 9:06:13.4 | 47.463N | 18.225E | 0 | 0.4 | - | Bokod (expl.) |
| 21 | 10:00:55.8 | 48.035N | 19.623E | 0 | 1.4 | - | Nagylóc (expl.) |
| 22 | 8:51:03.0 | 47.649N | 16.321E | 10 | 0.9 | - | Austria |
| 22 | 13:26:28.4 | 45.590N | 22.848E | 9 | 2.5 | - | Romania |
| 22 | 18:55:10.4 | 45.599N | 22.842E | 1 | 2.7 | - | Romania |
| 24 | 14:54:41.4 | 47.269N | 18.122E | 9 | 0.9 | - | Isztimér |
| 24 | 21:19:00.6 | 47.415N | 18.200E | 3 | -0.3 | - | Pusztavám |
| 26 | 7:06:19.7 | 47.452N | 18.334E | 0 | 0.6 | - | Oroszlány (expl.) |
| 26 | 7:06:48.3 | 47.437N | 18.347E | 0 | 0.6 | - | Oroszlány (expl.) |
| 26 | 7:07:22.1 | 47.433N | 18.360E | 0 | 0.7 | - | Oroszlány (expl.) |
| 27 | 11:25:23.9 | 47.487N | 18.042E | 0 | 0.5 | - | Kisbér (expl.) |
| 28 | 8:04:37.7 | 47.445N | 18.363E | 0 | 0.6 | - | Oroszlány (expl.) |
| 28 | 8:51:16.6 | 48.615N | 20.756E | 0 | 1.6 | - | Slovakia (expl.) |
| 28 | 12:22:09.8 | 47.514N | 18.215E | 0 | 0.2 | - | Dad (expl.) |
| 28 | 12:39:18.0 | 47.502N | 18.196E | 0 | 1.1 | - | Bokod (expl.) |
| 29 | 13:02:00.4 | 47.479N | 18.067E | 0 | 0.4 | - | Vérteskethely (expl.) |

JÚNIUS / JUNE, 2014

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|----|------------|---------|---------|---|------|-----|----------------------|
| 02 | 6:53:47.2 | 47.291N | 18.335E | 0 | 0.1 | - | Magyaralmás (expl.) |
| 02 | 12:16:32.2 | 47.203N | 18.316E | 0 | 0.7 | - | Sz.fehérvár (expl.) |
| 03 | 6:43:56.6 | 46.903N | 17.087E | 0 | 1.9 | - | Zalaudvarnok (expl.) |
| 03 | 6:58:56.5 | 47.323N | 18.407E | 0 | 0.7 | - | Zámoly (expl.) |
| 03 | 6:59:16.5 | 47.360N | 18.415E | 0 | 0.6 | - | Gánt (expl.) |
| 03 | 8:12:35.4 | 47.951N | 20.043E | 0 | 1.4 | - | Bodony (expl.) |
| 04 | 7:11:14.9 | 47.063N | 18.032E | 0 | 0.7 | - | Balatonfüzfő (expl.) |
| 04 | 12:05:16.3 | 47.874N | 19.085E | 0 | 1.6 | - | Berkenye (expl.) |
| 04 | 12:22:21.5 | 47.234N | 18.282E | 0 | 0.4 | - | Iszcasztgy (expl.) |
| 04 | 17:56:29.0 | 48.040N | 20.573E | 7 | 3.0 | 5 | Bükkszentkereszt |
| 04 | 17:56:53.1 | 48.077N | 20.599E | 3 | 3.2 | - | Lillafüred |
| 04 | 20:02:03.9 | 47.391N | 18.215E | 1 | -0.3 | - | Mór |
| 05 | 1:44:20.3 | 48.070N | 20.573E | 3 | 2.6 | 4-5 | Bükkszentkereszt |
| 05 | 8:53:32.6 | 47.453N | 18.747E | 0 | 1.3 | - | Étyek (expl.) |
| 07 | 19:41:14.8 | 48.408N | 22.826E | 7 | 2.5 | - | Ukraine |
| 08 | 21:57:46.7 | 47.849N | 16.215E | 2 | 2.4 | - | Austria |
| 10 | 3:41:17.2 | 47.935N | 19.181E | 8 | 1.1 | - | Bánk |
| 10 | 9:08:04.7 | 48.635N | 20.766E | 0 | 1.5 | - | Slovakia (expl.) |
| 10 | 9:35:48.2 | 47.236N | 18.182E | 0 | 0.4 | - | Bakonykúti (expl.) |
| 10 | 9:45:13.2 | 47.175N | 18.218E | 0 | 0.3 | - | Csór (expl.) |
| 10 | 12:14:12.6 | 48.472N | 19.373E | 0 | 1.7 | - | Slovakia (expl.) |
| 10 | 12:57:24.5 | 47.198N | 18.205E | 0 | 0.5 | - | Csór (expl.) |
| 10 | 20:29:18.7 | 48.399N | 22.698E | 3 | 1.3 | - | Ukraine |
| 11 | 6:54:05.1 | 47.354N | 18.396E | 0 | 0.4 | - | Gánt (expl.) |
| 11 | 6:54:36.9 | 47.429N | 18.395E | 0 | 0.5 | - | Gánt (expl.) |
| 11 | 6:55:05.0 | 47.445N | 18.436E | 0 | 0.7 | - | Várgesztes (expl.) |
| 11 | 6:55:38.2 | 47.462N | 18.409E | 0 | 0.7 | - | Várgesztes (expl.) |
| 12 | 9:19:20.8 | 47.902N | 19.385E | 0 | 1.5 | - | Becske (expl.) |
| 12 | 11:35:28.0 | 47.206N | 18.298E | 0 | 0.1 | - | Sz.fehérvár (expl.) |
| 13 | 6:09:22.9 | 47.329N | 18.410E | 0 | 0.5 | - | Zámoly (expl.) |
| 13 | 6:09:55.7 | 47.411N | 18.341E | 0 | 0.7 | - | Gánt (expl.) |
| 13 | 7:32:59.5 | 47.305N | 18.697E | 0 | 1.0 | - | Kajászó (expl.) |
| 13 | 17:37:06.5 | 48.061N | 20.579E | 7 | 1.5 | - | Bükkszentkereszt |
| 14 | 6:05:40.8 | 48.057N | 19.593E | 0 | 1.2 | - | Nagylóc (expl.) |
| 15 | 23:16:10.4 | 47.379N | 18.423E | 8 | 0.6 | - | Gánt |
| 16 | 10:07:08.8 | 48.478N | 19.331E | 0 | 1.8 | - | Slovakia (expl.) |
| 16 | 10:30:38.8 | 47.583N | 16.341E | 3 | 1.4 | - | Austria |
| 16 | 10:44:33.8 | 48.247N | 21.249E | 6 | 2.0 | - | Tállya |
| 17 | 10:34:50.2 | 48.334N | 19.848E | 0 | 1.2 | - | Slovakia (expl.) |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|---------------------|
| 17 | 12:10:04.3 | 47.187N | 18.297E | 0 | 0.4 | - | Sárkeszi (expl.) |
| 18 | 6:54:33.3 | 47.435N | 18.441E | 0 | 0.8 | - | Csákvár (expl.) |
| 18 | 6:55:24.1 | 47.422N | 18.367E | 0 | 0.5 | - | Gánt (expl.) |
| 18 | 7:01:01.6 | 47.430N | 18.384E | 0 | 0.7 | - | Gánt (expl.) |
| 18 | 11:00:01.1 | 47.202N | 18.345E | 0 | 0.9 | - | Sz,fehérvár (expl.) |
| 18 | 22:39:10.4 | 46.298N | 19.706E | 7 | 1.1 | - | Öttömös |
| 20 | 21:01:47.7 | 46.051N | 16.268E | 14 | 1.9 | - | Croatia |
| 20 | 23:42:08.9 | 45.739N | 18.346E | 1 | 1.0 | - | Croatia |
| 22 | 3:43:04.3 | 45.805N | 20.644E | 6 | 1.9 | - | Romania |
| 22 | 21:42:11.0 | 45.574N | 21.503E | 0 | 3.2 | - | Romania |
| 24 | 9:04:44.4 | 47.104N | 17.980E | 10 | 0.7 | - | Litér |
| 24 | 10:28:12.6 | 47.104N | 17.993E | 10 | 0.8 | - | Litér |
| 24 | 11:09:32.2 | 48.050N | 19.612E | 0 | 1.5 | - | Nagylóc (expl.) |
| 24 | 11:18:49.3 | 48.056N | 19.655E | 0 | 1.1 | - | Sóshartyán (expl.) |
| 25 | 11:05:35.7 | 47.195N | 18.315E | 0 | 0.2 | - | Sz,fehérvár (expl.) |
| 26 | 11:11:47.1 | 47.229N | 18.314E | 0 | 0.6 | - | Moha (expl.) |
| 26 | 23:09:23.6 | 46.055N | 17.070E | 13 | 1.6 | - | Croatia |
| 27 | 7:20:40.4 | 47.412N | 18.370E | 0 | 0.5 | - | Gánt (expl.) |
| 27 | 7:21:32.6 | 47.432N | 18.429E | 0 | 0.7 | - | Csákvár (expl.) |
| 27 | 7:31:19.4 | 47.450N | 18.388E | 0 | 0.6 | - | Várgesztes (expl.) |
| 27 | 7:31:58.0 | 47.430N | 18.361E | 0 | 0.7 | - | Oroszlány (expl.) |
| 27 | 9:08:53.8 | 45.962N | 18.249E | 0 | 0.8 | - | Szalánta (expl.) |
| 27 | 10:37:47.9 | 48.132N | 20.105E | 10 | 1.1 | - | Zabar |
| 28 | 0:12:04.2 | 48.102N | 20.455E | 1 | 0.8 | - | Nagyvisnyó |
| 28 | 10:59:19.5 | 48.443N | 19.538E | 10 | 1.3 | - | Slovakia |

JÚLIUS / JULY, 2014

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|----------------------|
| 01 | 7:25:27.9 | 47.469N | 18.400E | 0 | 1.0 | - | Várgesztes (expl.) |
| 01 | 7:33:10.6 | 47.284N | 18.396E | 0 | 0.7 | - | Zámoly (expl.) |
| 01 | 7:33:41.8 | 47.412N | 18.359E | 0 | 0.6 | - | Gánt (expl.) |
| 01 | 8:47:19.0 | 48.127N | 20.572E | 5 | 1.7 | - | Lillafüred |
| 01 | 11:19:12.3 | 47.217N | 18.286E | 0 | 0.3 | - | Iszcasztgy (expl.) |
| 03 | 6:25:18.2 | 47.452N | 18.398E | 0 | 0.8 | - | Várgesztes (expl.) |
| 03 | 6:26:56.3 | 47.431N | 18.381E | 0 | 0.8 | - | Gánt (expl.) |
| 03 | 10:09:34.2 | 47.859N | 19.118E | 0 | 1.2 | - | Szendehegy (expl.) |
| 03 | 10:45:22.1 | 47.188N | 18.305E | 0 | 0.4 | - | Sz.fehérvár (expl.) |
| 03 | 12:47:55.8 | 48.513N | 19.368E | 0 | 1.4 | - | Slovakia (expl.) |
| 04 | 6:11:52.2 | 47.894N | 19.889E | 10 | 1.6 | - | Mátraszentimre |
| 04 | 8:14:44.1 | 45.949N | 18.683E | 0 | 0.6 | - | Kölked (expl.) |
| 04 | 8:28:28.2 | 48.563N | 20.802E | 0 | 1.6 | - | Tornanádaska (expl.) |
| 06 | 3:46:05.4 | 46.095N | 17.068E | 14 | 2.5 | - | Croatia |
| 07 | 7:06:33.4 | 47.095N | 18.147E | 0 | 0.8 | - | Berhida (expl.) |
| 07 | 9:21:25.1 | 45.563N | 17.509E | 17 | 1.8 | - | Croatia |
| 08 | 6:46:22.4 | 47.168N | 18.192E | 0 | 0.3 | - | Ősi (expl.) |
| 08 | 9:14:50.6 | 48.879N | 20.501E | 5 | 2.1 | - | Slovakia |
| 08 | 11:12:59.1 | 47.198N | 18.244E | 0 | 0.1 | - | Csór (expl.) |
| 09 | 21:03:20.3 | 46.028N | 21.034E | 12 | 2.2 | - | Romania |
| 10 | 6:19:41.6 | 47.431N | 18.396E | 0 | 0.6 | - | Gánt (expl.) |
| 10 | 6:19:57.0 | 47.436N | 18.351E | 0 | 0.7 | - | Oroszlány (expl.) |
| 10 | 6:20:33.8 | 47.393N | 18.418E | 0 | 0.7 | - | Gánt (expl.) |
| 10 | 9:04:59.8 | 47.372N | 17.560E | 0 | 1.2 | - | Vaszar (expl.) |
| 11 | 7:22:39.6 | 47.124N | 17.980E | 0 | 0.7 | - | Kádárta (expl.) |
| 14 | 9:53:13.5 | 47.294N | 18.172E | 10 | 0.0 | - | Balinka |
| 15 | 6:48:43.7 | 47.435N | 18.428E | 0 | 0.9 | - | Várgesztes (expl.) |
| 15 | 6:49:03.1 | 47.433N | 18.404E | 0 | 0.8 | - | Várgesztes (expl.) |
| 15 | 6:57:23.3 | 47.331N | 18.480E | 0 | 0.7 | - | Lovasberény (expl.) |
| 15 | 8:10:33.5 | 47.377N | 18.650E | 0 | 1.2 | - | Vál (expl.) |
| 17 | 7:35:36.7 | 47.450N | 18.438E | 0 | 0.8 | - | Várgesztes (expl.) |
| 17 | 7:50:41.5 | 47.185N | 18.560E | 0 | 1.0 | - | Dinnyés (expl.) |
| 18 | 4:11:47.2 | 47.129N | 17.646E | 14 | 0.9 | - | Városlőd |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|----------------------|
| 18 | 6:54:43.7 | 47.314N | 18.149E | 7 | 0.2 | - | Balinka |
| 18 | 10:18:32.0 | 48.634N | 20.745E | 0 | 1.3 | - | Slovakia (expl.) |
| 19 | 0:49:55.9 | 47.398N | 18.501E | 5 | 0.1 | - | Csákvár |
| 22 | 9:18:44.3 | 47.181N | 18.323E | 0 | 0.4 | - | Sz.fehérvár (expl.) |
| 23 | 10:56:25.4 | 47.160N | 18.348E | 0 | 0.7 | - | Sársztmihály (expl.) |
| 25 | 6:47:08.1 | 47.338N | 18.719E | 0 | 0.9 | - | Tordas (expl.) |
| 25 | 20:34:06.5 | 48.081N | 20.519E | 10 | 0.8 | - | Répáshuta |
| 27 | 7:16:07.1 | 47.315N | 18.477E | 0 | 0.6 | - | Pátka |
| 28 | 7:35:14.9 | 47.363N | 18.446E | 0 | 0.8 | - | Gánt (expl.) |
| 28 | 7:35:48.3 | 47.440N | 18.413E | 0 | 0.8 | - | Várgesztes (expl.) |
| 28 | 7:36:00.3 | 47.348N | 18.468E | 0 | 0.7 | - | Lovasberény (expl.) |
| 28 | 7:42:10.3 | 47.450N | 18.444E | 0 | 0.7 | - | Várgesztes (expl.) |
| 29 | 12:37:00.9 | 47.201N | 18.305E | 0 | 0.5 | - | Sz.fehérvár (expl.) |
| 30 | 1:52:00.6 | 48.030N | 19.443E | 7 | 1.4 | - | Iliny |
| 30 | 7:31:04.9 | 46.208N | 18.199E | 0 | 0.5 | - | Magyarszék (expl.) |
| 31 | 6:40:01.4 | 45.890N | 18.158E | 10 | 1.0 | - | Diósvizsló |

AUGUSZTUS / AUGUST, 2014

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|----|------------|---------|---------|----|-----|---|-----------------------|
| 01 | 11:06:30.2 | 47.460N | 18.066E | 0 | 0.4 | - | Vérteskethely (expl.) |
| 02 | 7:48:48.7 | 47.346N | 18.124E | 0 | 0.2 | - | Nagyveleg |
| 03 | 1:10:23.9 | 48.039N | 19.397E | 1 | 2.1 | - | Iliny |
| 03 | 1:12:56.1 | 48.034N | 19.404E | 8 | 1.4 | - | Iliny |
| 03 | 1:48:06.4 | 48.033N | 19.397E | 2 | 3.0 | 5 | Iliny |
| 03 | 11:22:55.5 | 47.403N | 17.988E | 0 | 0.3 | - | Ácsteszer (expl.) |
| 05 | 5:15:36.7 | 47.291N | 18.174E | 4 | 0.0 | - | Balinka |
| 05 | 6:59:59.8 | 47.495N | 18.399E | 0 | 1.1 | - | Várgesztes (expl.) |
| 05 | 7:00:17.5 | 47.448N | 18.378E | 0 | 1.0 | - | Várgesztes (expl.) |
| 05 | 12:15:08.8 | 47.480N | 18.021E | 0 | 0.6 | - | Kisbér (expl.) |
| 06 | 22:54:49.0 | 47.435N | 18.228E | 10 | 0.2 | - | Pusztavám |
| 07 | 11:34:16.3 | 47.451N | 18.079E | 0 | 0.4 | - | Bakonysárkány (expl.) |
| 08 | 9:16:25.3 | 48.909N | 20.487E | 0 | 1.9 | - | Slovakia (expl.) |
| 08 | 11:42:51.8 | 47.471N | 18.072E | 0 | 0.6 | - | Vérteskethely (expl.) |
| 08 | 20:17:35.3 | 45.750N | 18.985E | 2 | 1.8 | - | Serbia |
| 11 | 8:11:45.5 | 45.929N | 18.694E | 0 | 0.7 | - | Kölked (expl.) |
| 12 | 6:53:19.2 | 47.398N | 18.464E | 0 | 0.7 | - | Csákvár (expl.) |
| 12 | 7:12:52.2 | 45.882N | 18.382E | 0 | 1.3 | - | Kisharsány (expl.) |
| 13 | 10:36:09.4 | 46.491N | 16.247E | 7 | 2.2 | - | Slovenia |
| 13 | 13:07:06.2 | 47.425N | 18.808E | 0 | 0.9 | - | Sóskút |
| 14 | 6:12:34.6 | 47.952N | 19.883E | 0 | 1.6 | - | Dorogháza (expl.) |
| 15 | 7:29:25.4 | 47.417N | 18.378E | 0 | 0.6 | - | Gánt (expl.) |
| 15 | 7:36:20.5 | 47.349N | 18.372E | 0 | 0.9 | - | Zámoly |
| 15 | 9:18:39.2 | 48.896N | 20.509E | 0 | 2.3 | - | Slovakia (expl.) |
| 16 | 2:47:10.4 | 45.684N | 19.285E | 13 | 1.4 | - | Serbia |
| 18 | 12:09:32.5 | 47.470N | 18.073E | 0 | 0.2 | - | Vérteskethely (expl.) |
| 19 | 9:55:39.5 | 47.456N | 18.244E | 0 | 1.1 | - | Pusztavám (expl.) |
| 22 | 6:21:20.5 | 47.458N | 18.402E | 0 | 0.8 | - | Várgesztes (expl.) |
| 22 | 10:52:44.4 | 47.466N | 18.070E | 0 | 0.3 | - | Vérteskethely (expl.) |
| 25 | 7:36:07.4 | 47.430N | 18.369E | 0 | 0.5 | - | Gánt (expl.) |
| 25 | 7:36:40.7 | 47.411N | 18.341E | 0 | 0.6 | - | Gánt (expl.) |
| 25 | 11:22:31.5 | 47.462N | 18.054E | 0 | 0.3 | - | Vérteskethely (expl.) |
| 25 | 22:07:10.5 | 47.748N | 18.374E | 11 | 1.1 | - | Neszmély |
| 27 | 6:04:51.8 | 47.454N | 18.205E | 0 | 0.7 | - | Bokod (expl.) |
| 27 | 10:03:31.3 | 48.454N | 19.422E | 0 | 1.8 | - | Slovakia (expl.) |
| 27 | 14:19:39.1 | 48.100N | 19.882E | 0 | 1.9 | - | Rónafalu |
| 28 | 8:01:32.7 | 45.848N | 18.415E | 0 | 1.1 | - | Nagyharsány (expl.) |
| 28 | 9:02:28.2 | 45.969N | 18.647E | 0 | 0.4 | - | Mohács (expl.) |
| 29 | 7:14:04.3 | 47.456N | 18.408E | 0 | 0.7 | - | Várgesztes (expl.) |
| 29 | 10:24:17.9 | 47.441N | 18.057E | 0 | 0.4 | - | Aka (expl.) |

Hypocenter Parameters

Földrengés paraméterek

SZEPTEMBER / SEPTEMBER, 2014

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|----------------------|
| 01 | 7:10:26.9 | 47.181N | 18.221E | 0 | 0.0 | - | Csór (expl.) |
| 02 | 0:28:02.6 | 47.358N | 18.829E | 3 | 1.0 | - | Tárnok |
| 02 | 8:35:59.8 | 47.440N | 18.402E | 0 | 1.0 | - | Várgesztes (expl.) |
| 02 | 8:36:18.4 | 47.436N | 18.448E | 0 | 0.9 | - | Csákvár (expl.) |
| 02 | 9:04:21.2 | 47.064N | 18.021E | 0 | 0.8 | - | Balatonfűzfő (expl.) |
| 03 | 3:13:53.5 | 47.291N | 18.340E | 10 | 0.5 | - | Magyaralmás |
| 03 | 11:58:14.4 | 47.158N | 18.320E | 0 | 0.5 | - | Sársztmihály (expl.) |
| 05 | 6:38:57.1 | 47.456N | 18.409E | 0 | 0.8 | - | Várgesztes (expl.) |
| 05 | 6:41:32.4 | 47.237N | 18.538E | 0 | 1.0 | - | Pákozd (expl.) |
| 05 | 6:54:00.2 | 47.397N | 18.439E | 5 | 0.7 | - | Csákvár |
| 05 | 11:48:55.4 | 47.190N | 18.312E | 0 | 0.5 | - | Sz.fehérvár (expl.) |
| 08 | 9:38:01.8 | 48.095N | 20.630E | 1 | 1.2 | - | Bükkszentlászló |
| 08 | 9:57:08.4 | 48.054N | 20.305E | 0 | 0.8 | - | Mikófalva (expl.) |
| 08 | 11:51:44.0 | 48.365N | 19.840E | 0 | 1.8 | - | Slovakia (expl.) |
| 09 | 6:34:09.5 | 47.356N | 18.425E | 0 | 0.8 | - | Gánt (expl.) |
| 09 | 6:34:39.0 | 47.363N | 18.450E | 0 | 0.6 | - | Gánt (expl.) |
| 09 | 6:41:50.9 | 47.399N | 18.455E | 5 | 0.6 | - | Csákvár |
| 09 | 15:40:34.1 | 48.426N | 19.531E | 0 | 1.3 | - | Slovakia (expl.) |
| 10 | 11:37:39.6 | 47.216N | 18.288E | 0 | 0.4 | - | Iszcasztgy (expl.) |
| 11 | 6:49:54.7 | 48.041N | 19.635E | 0 | 1.1 | - | Sóshartyán (expl.) |
| 15 | 7:28:05.4 | 47.411N | 18.362E | 0 | 0.7 | - | Gánt (expl.) |
| 15 | 7:28:23.8 | 47.451N | 18.408E | 0 | 0.7 | - | Várgesztes (expl.) |
| 15 | 10:14:57.2 | 47.209N | 18.300E | 0 | 0.7 | - | Moha (expl.) |
| 15 | 13:37:13.5 | 47.218N | 18.291E | 0 | 0.8 | - | Iszcasztgy (expl.) |
| 16 | 9:21:07.3 | 48.633N | 20.728E | 0 | 1.8 | - | Slovakia (expl.) |
| 16 | 14:47:28.5 | 47.409N | 18.189E | 5 | 0.3 | - | Pusztavám |
| 17 | 8:05:58.8 | 45.804N | 18.409E | 0 | 1.4 | - | Kásád (expl.) |
| 17 | 9:55:12.6 | 47.199N | 18.311E | 0 | 0.5 | - | Sz.fehérvár (expl.) |
| 18 | 19:38:13.4 | 46.153N | 21.958E | 7 | 2.1 | - | Romania |
| 19 | 8:16:14.9 | 47.090N | 18.001E | 0 | 1.0 | - | Litér (expl.) |
| 19 | 10:12:46.3 | 47.076N | 18.047E | 0 | 1.1 | - | Papkeszi (expl.) |
| 19 | 10:48:47.9 | 47.182N | 18.294E | 0 | 0.6 | - | Sárkeszi (expl.) |
| 19 | 13:45:53.3 | 48.498N | 19.435E | 5 | 1.2 | - | Slovakia |
| 19 | 22:58:59.0 | 48.373N | 19.442E | 1 | 1.8 | - | Slovakia |
| 20 | 7:03:43.9 | 48.059N | 19.652E | 0 | 1.1 | - | Sóshartyán (expl.) |
| 24 | 11:09:14.0 | 47.191N | 18.295E | 0 | 0.4 | - | Sárkeszi (expl.) |
| 24 | 16:38:16.3 | 48.032N | 19.438E | 8 | 1.7 | - | Iliny |
| 25 | 7:17:43.2 | 48.037N | 19.607E | 0 | 1.2 | - | Nagylóc (expl.) |
| 25 | 10:36:17.6 | 47.205N | 18.305E | 0 | 0.6 | - | Sz.fehérvár (expl.) |
| 26 | 7:28:10.7 | 47.457N | 18.440E | 0 | 1.4 | - | Várgesztes (expl.) |
| 26 | 7:28:52.1 | 47.334N | 18.530E | 0 | 1.2 | - | Lovasberény (expl.) |
| 26 | 9:38:53.3 | 47.560N | 18.535E | 0 | 0.9 | - | Nagyegyháza (expl.) |
| 26 | 11:24:03.3 | 47.254N | 18.263E | 0 | 0.2 | - | Kincsesbánya (expl.) |
| 28 | 0:35:40.2 | 45.689N | 17.398E | 18 | 2.2 | - | Croatia |
| 28 | 1:41:53.3 | 45.823N | 17.487E | 8 | 1.9 | - | Croatia |
| 30 | 7:36:12.5 | 47.445N | 18.424E | 0 | 0.8 | - | Várgesztes (expl.) |
| 30 | 7:38:35.0 | 47.364N | 18.439E | 0 | 0.9 | - | Gánt (expl.) |
| 30 | 11:31:54.8 | 47.214N | 18.296E | 0 | 0.7 | - | Moha (expl.) |

OKTÓBER / OCTOBER, 2014

| | | | | | | | |
|----|------------|---------|---------|---|-----|---|-----------------------|
| 01 | 20:35:09.6 | 47.224N | 17.346E | 4 | 0.8 | - | Nagyalásony |
| 02 | 6:53:57.1 | 47.382N | 18.424E | 0 | 0.7 | - | Gánt (expl.) |
| 02 | 6:54:17.5 | 47.475N | 18.414E | 0 | 0.8 | - | Várgesztes (expl.) |
| 02 | 11:42:53.8 | 48.060N | 20.270E | 0 | 0.8 | - | Egercsehi (expl.) |
| 02 | 11:45:27.2 | 47.471N | 18.067E | 0 | 0.5 | - | Vérteskethely (expl.) |
| 03 | 5:32:42.5 | 47.946N | 20.006E | 0 | 1.1 | - | Bodony (expl.) |
| 03 | 5:48:42.6 | 47.458N | 18.215E | 0 | 0.5 | - | Bokod (expl.) |
| 03 | 12:07:20.8 | 47.209N | 18.277E | 0 | 0.7 | - | Iszcasztgy (expl.) |
| 03 | 13:55:37.9 | 48.360N | 19.461E | 1 | 1.6 | - | Slovakia |

Földrengés paraméterek

Hypocenter Parameters

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|-----------------------|
| 06 | 6:35:15.2 | 47.382N | 18.565E | 0 | 1.0 | - | Vértesacsba (expl.) |
| 08 | 6:02:50.6 | 47.472N | 18.217E | 0 | 0.5 | - | Bokod (expl.) |
| 08 | 11:40:32.1 | 47.450N | 18.140E | 0 | 0.7 | - | Felsődobos (expl.) |
| 09 | 6:11:11.3 | 47.431N | 18.382E | 0 | 0.7 | - | Gánt (expl.) |
| 09 | 10:04:55.3 | 48.366N | 19.854E | 0 | 1.7 | - | Slovakia (expl.) |
| 09 | 12:11:01.9 | 48.475N | 19.423E | 0 | 1.5 | - | Slovakia (expl.) |
| 10 | 6:16:37.7 | 47.380N | 18.450E | 0 | 0.8 | - | Csákvár (expl.) |
| 11 | 10:47:04.5 | 47.001N | 17.993E | 0 | 0.9 | - | Alsóörs (expl.) |
| 12 | 21:17:35.0 | 46.382N | 16.729E | 10 | 1.3 | - | Croatia |
| 12 | 21:18:12.3 | 46.377N | 16.757E | 10 | 1.8 | - | Croatia |
| 13 | 6:46:09.6 | 47.431N | 17.954E | 0 | 0.5 | - | Réde (expl.) |
| 13 | 8:21:21.9 | 47.107N | 17.965E | 10 | 1.1 | - | Kádárta |
| 13 | 11:22:16.3 | 48.356N | 19.875E | 0 | 2.0 | - | Slovakia (expl.) |
| 13 | 12:18:37.9 | 47.187N | 18.341E | 0 | 0.5 | - | Sz.fehérvár (expl.) |
| 14 | 8:39:33.5 | 46.000N | 18.129E | 0 | 0.9 | - | Aranyosgadány (expl.) |
| 14 | 20:01:00.8 | 46.038N | 18.304E | 7 | 0.5 | - | Kozármisleny |
| 14 | 21:52:59.9 | 46.902N | 17.390E | 13 | 1.4 | - | Tapolca |
| 15 | 11:58:13.3 | 47.205N | 18.282E | 0 | 0.5 | - | Csór (expl.) |
| 16 | 7:26:07.6 | 47.434N | 18.387E | 0 | 0.8 | - | Várgesztes (expl.) |
| 16 | 7:26:33.7 | 47.443N | 18.390E | 0 | 0.8 | - | Várgesztes (expl.) |
| 16 | 7:32:33.1 | 47.959N | 20.041E | 3 | 1.5 | - | Mátraballa |
| 16 | 11:40:17.3 | 48.651N | 20.211E | 0 | 1.2 | - | Slovakia (expl.) |
| 16 | 14:53:07.4 | 48.726N | 19.870E | 15 | 1.3 | - | Slovakia |
| 19 | 13:43:12.3 | 45.569N | 18.300E | 7 | 1.3 | - | Croatia |
| 20 | 9:55:47.3 | 47.187N | 17.955E | 23 | 0.7 | - | Eplény |
| 21 | 7:55:02.4 | 45.977N | 18.202E | 0 | 0.8 | - | Szőke (expl.) |
| 21 | 8:40:26.4 | 48.392N | 20.894E | 0 | 1.5 | - | Felsővadász (expl.) |
| 23 | 20:14:38.9 | 47.032N | 17.112E | 5 | 1.6 | - | Zalaerdőd |
| 27 | 6:13:14.6 | 47.480N | 18.219E | 0 | 0.6 | - | Bokod (expl.) |
| 27 | 12:49:48.1 | 47.464N | 18.067E | 0 | 0.4 | - | Vérteskethely (expl.) |
| 27 | 14:23:57.3 | 47.440N | 18.236E | 1 | 1.1 | - | Pusztavám |
| 27 | 14:39:13.1 | 47.456N | 18.235E | 0 | 0.8 | - | Pusztavám (expl.) |
| 28 | 0:10:50.0 | 47.897N | 18.014E | 19 | 1.4 | - | Slovakia |
| 28 | 7:39:44.0 | 47.429N | 18.390E | 0 | 0.7 | - | Gánt (expl.) |
| 28 | 7:40:07.2 | 47.458N | 18.411E | 0 | 0.9 | - | Várgesztes (expl.) |
| 30 | 7:35:19.0 | 47.991N | 19.954E | 0 | 1.1 | - | Mátramindszt (expl.) |
| 30 | 10:44:28.7 | 48.657N | 20.674E | 0 | 1.7 | - | Slovakia (expl.) |
| 31 | 12:40:03.3 | 47.607N | 18.503E | 0 | 1.0 | - | Tarján (expl.) |

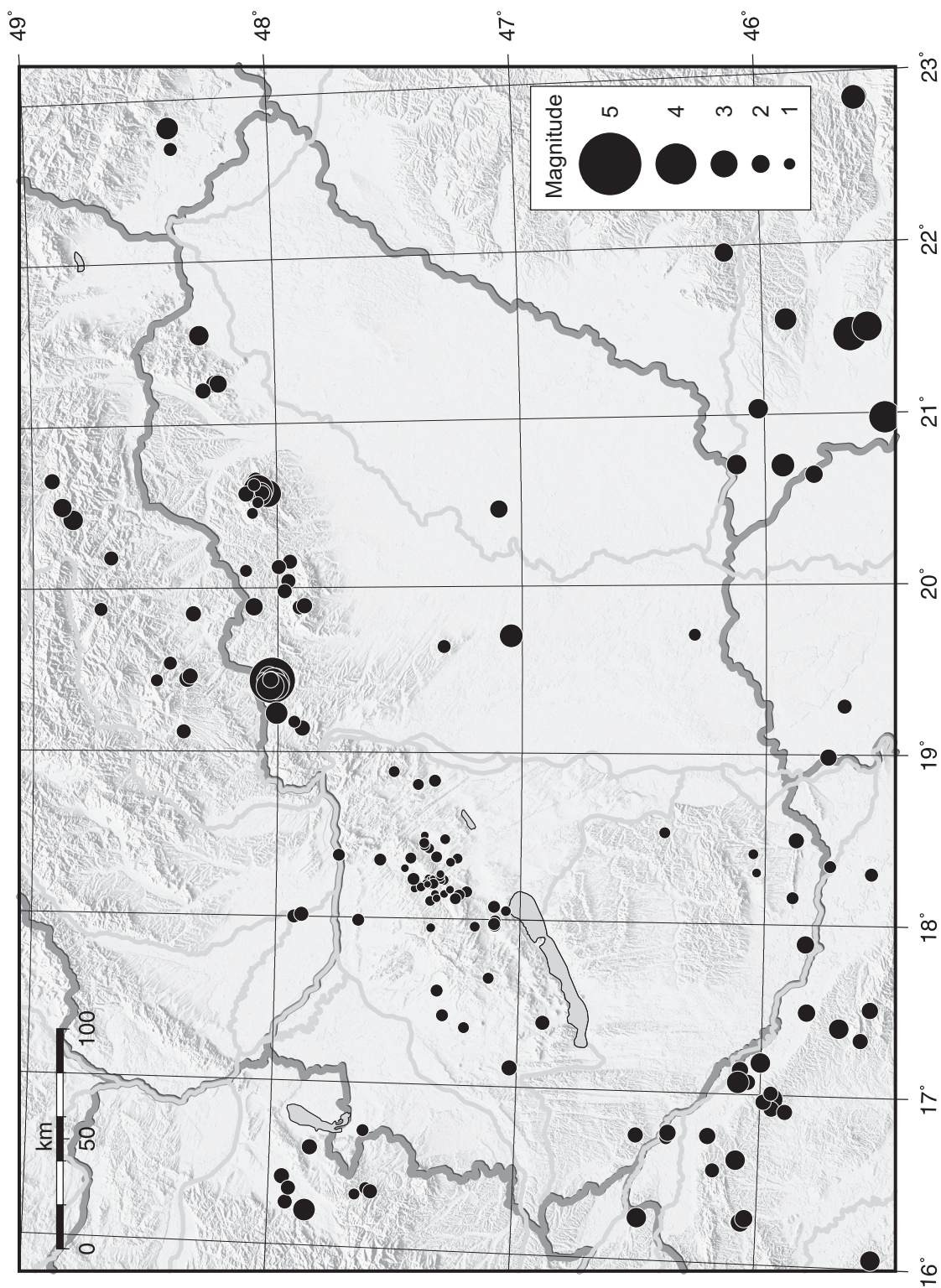
NOVEMBER / NOVEMBER, 2014

| | | | | | | | |
|----|------------|---------|---------|----|-----|---|-----------------------|
| 03 | 10:56:37.0 | 48.565N | 19.328E | 0 | 1.7 | - | Slovakia (expl.) |
| 03 | 11:39:08.7 | 47.085N | 17.958E | 0 | 1.1 | - | Veszprém (expl.) |
| 03 | 12:41:52.0 | 48.267N | 21.237E | 0 | 1.6 | - | Tállya (expl.) |
| 04 | 11:10:46.8 | 48.047N | 20.301E | 0 | 1.0 | - | Mikófalva (expl.) |
| 05 | 7:04:58.3 | 47.478N | 18.219E | 0 | 0.6 | - | Bokod (expl.) |
| 05 | 10:07:43.7 | 48.857N | 20.496E | 0 | 1.8 | - | Slovakia (expl.) |
| 05 | 12:37:22.2 | 47.493N | 18.025E | 0 | 0.7 | - | Kisbér (expl.) |
| 05 | 13:44:12.3 | 48.629N | 20.757E | 0 | 1.7 | - | Slovakia (expl.) |
| 06 | 14:27:19.1 | 47.476N | 18.057E | 0 | 0.5 | - | Vérteskethely (expl.) |
| 07 | 9:43:00.2 | 45.925N | 18.710E | 0 | 0.7 | - | Kölked (expl.) |
| 10 | 8:08:29.3 | 47.426N | 18.402E | 0 | 0.7 | - | Gánt (expl.) |
| 11 | 9:31:16.9 | 45.854N | 18.427E | 0 | 1.0 | - | Nagyharsány (expl.) |
| 11 | 13:17:14.2 | 47.475N | 18.053E | 0 | 0.7 | - | Vérteskethely (expl.) |
| 14 | 9:39:58.5 | 45.921N | 18.706E | 0 | 0.7 | - | Kölked (expl.) |
| 14 | 11:19:09.1 | 45.599N | 17.330E | 14 | 1.7 | - | Croatia |
| 14 | 11:22:14.8 | 48.475N | 19.387E | 0 | 1.7 | - | Slovakia (expl.) |
| 15 | 7:02:11.9 | 46.120N | 20.707E | 8 | 2.3 | - | Romania |
| 18 | 10:07:20.3 | 47.471N | 18.235E | 0 | 0.5 | - | Bokod (expl.) |
| 19 | 7:49:06.3 | 47.466N | 18.416E | 0 | 0.9 | - | Várgesztes (expl.) |
| 19 | 7:49:33.1 | 47.307N | 18.403E | 0 | 0.8 | - | Zámoly (expl.) |

Hypocenter Parameters

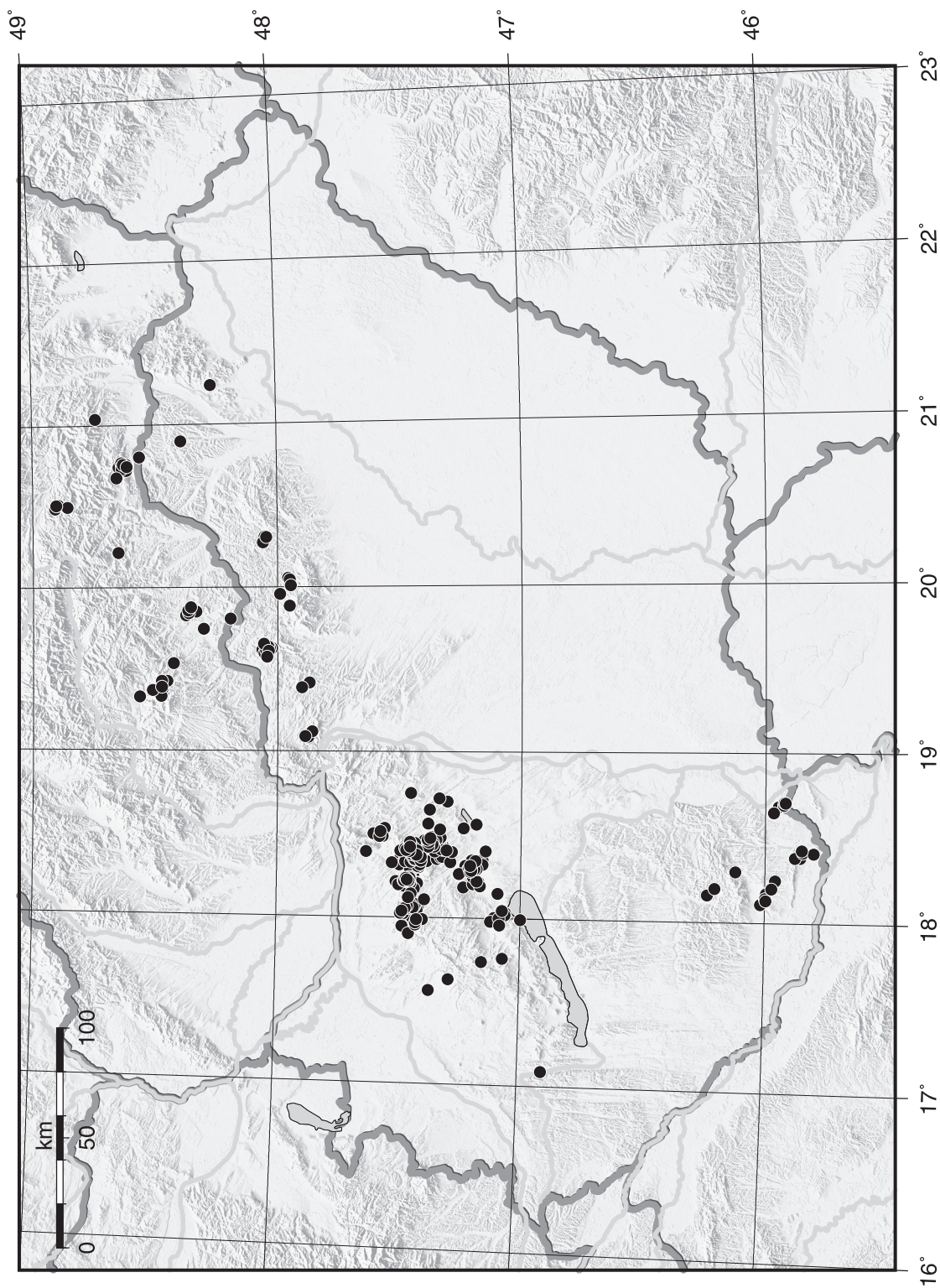
Földrengés paraméterek

| | | | | | | | |
|---------------------------|------------|---------|---------|----|------|---|-----------------------|
| 19 | 12:09:57.7 | 48.234N | 21.250E | 10 | 1.9 | - | Tállya |
| 20 | 12:19:09.5 | 47.108N | 17.972E | 10 | 1.0 | - | Kádárta |
| 21 | 7:28:40.6 | 47.385N | 18.466E | 0 | 0.8 | - | Csákvár (expl.) |
| 21 | 7:33:34.3 | 47.430N | 17.969E | 0 | 0.4 | - | Ácstesztér (expl.) |
| 21 | 9:39:43.0 | 47.061N | 18.052E | 10 | 0.7 | - | Balatonfűzfő |
| 24 | 11:26:49.0 | 47.292N | 17.630E | 0 | 1.5 | - | Homokbödöge (expl.) |
| 25 | 7:36:13.8 | 47.457N | 18.453E | 0 | 1.0 | - | Várgesztes (expl.) |
| 25 | 7:38:38.7 | 47.429N | 18.377E | 0 | 0.7 | - | Gánt (expl.) |
| 25 | 9:47:13.6 | 47.568N | 18.486E | 0 | 0.9 | - | Tatabánya (expl.) |
| 25 | 18:16:22.6 | 45.908N | 21.555E | 10 | 2.5 | - | Romania |
| 26 | 12:29:00.6 | 47.210N | 18.312E | 0 | 0.6 | - | Sz.fehérvár (expl.) |
| 28 | 13:42:10.0 | 47.487N | 18.038E | 0 | 0.6 | - | Kisbér (expl.) |
| 30 | 2:41:30.0 | 47.525N | 18.883E | 10 | 0.9 | - | Budakeszi |
| 30 | 9:56:47.2 | 45.961N | 17.009E | 13 | 1.4 | - | Croatia |
| DECEMBER / DECEMBER, 2014 | | | | | | | |
| 02 | 10:26:53.3 | 47.974N | 19.978E | 7 | 1.4 | - | Mátramindszent |
| 02 | 11:12:00.1 | 48.903N | 20.506E | 0 | 2.2 | - | Slovakia (expl.) |
| 02 | 21:28:25.6 | 47.477N | 18.300E | 0 | 0.1 | - | Oroszlány |
| 03 | 9:56:22.6 | 48.613N | 20.742E | 0 | 1.7 | - | Slovakia (expl.) |
| 03 | 12:51:41.7 | 47.462N | 18.118E | 0 | 0.8 | - | Bakonysárkány (expl.) |
| 04 | 8:23:35.5 | 47.457N | 18.396E | 0 | 1.0 | - | Várgesztes (expl.) |
| 04 | 8:23:57.2 | 47.471N | 18.403E | 0 | 0.9 | - | Várgesztes (expl.) |
| 05 | 11:28:26.3 | 48.296N | 21.207E | 13 | 1.6 | - | Abaújkér |
| 10 | 7:05:52.5 | 47.456N | 18.423E | 0 | 0.8 | - | Várgesztes (expl.) |
| 10 | 13:14:21.3 | 45.529N | 16.052E | 8 | 2.3 | - | Croatia |
| 11 | 4:53:15.7 | 47.322N | 19.637E | 13 | 1.3 | - | Tápiószentmárton |
| 11 | 8:20:42.3 | 47.581N | 18.486E | 0 | 0.9 | - | Vérttestolna (expl.) |
| 11 | 10:00:04.8 | 47.889N | 19.088E | 0 | 1.6 | - | Berkenye (expl.) |
| 12 | 13:41:30.2 | 48.304N | 19.744E | 0 | 1.5 | - | Slovakia (expl.) |
| 13 | 10:16:37.8 | 48.044N | 19.573E | 0 | 1.5 | - | Nagylóc (expl.) |
| 15 | 8:44:23.4 | 47.373N | 18.478E | 0 | 1.0 | - | Csákvár (expl.) |
| 16 | 1:52:36.7 | 48.387N | 19.122E | 9 | 1.5 | - | Slovakia |
| 16 | 11:41:56.8 | 47.147N | 18.400E | 0 | 0.8 | - | Sársztmihály (expl.) |
| 17 | 11:15:21.5 | 47.578N | 18.514E | 0 | 0.9 | - | Tarján (expl.) |
| 18 | 7:40:12.5 | 47.460N | 18.221E | 0 | 0.5 | - | Bokod (expl.) |
| 18 | 7:49:31.0 | 47.468N | 18.226E | 0 | 0.2 | - | Bokod (expl.) |
| 20 | 23:04:22.6 | 45.878N | 18.497E | 10 | 1.6 | - | Márok |
| 21 | 15:01:27.6 | 47.384N | 18.207E | 10 | -0.1 | - | Mór |
| 22 | 6:49:38.3 | 47.428N | 17.986E | 0 | 0.5 | - | Ácstesztér (expl.) |
| 23 | 13:12:02.7 | 45.510N | 20.973E | 5 | 3.3 | - | Romania |
| 27 | 0:57:04.2 | 46.188N | 16.547E | 10 | 1.5 | - | Croatia |
| 27 | 9:38:15.9 | 47.837N | 16.597E | 3 | 1.6 | - | Austria |



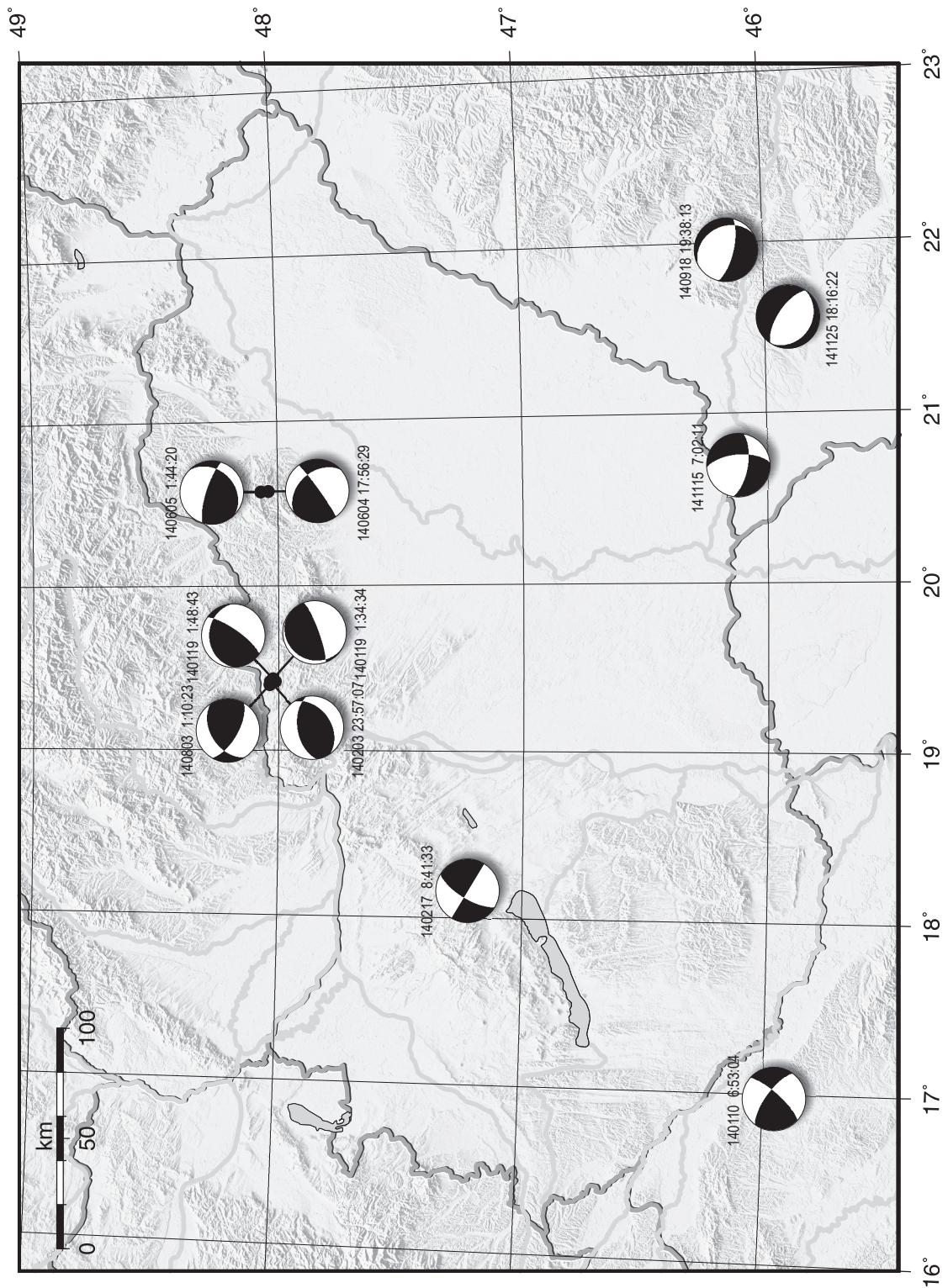
3.1. ábra A 2014-ben regisztrált földrengések epicentrumai

Figure 3.1. Epicenters of 2014 earthquakes



3.2. ábra A 2014-ben regisztrált robbantások epicentrumai












Figure 3.2. Epicenters of 2014 explosions



3.3. ábra A 2014-ben regisztrált földrengések fészekmechanizmusai

Figure 3.3. Fault plane solutions of 2014 earthquakes

A 2014-ben regisztrált földrengések fészekmechanizmusai
Fault plane solutions of 2014 earthquakes

| No | Date | Time | Epicentre | | 1st nodal plane | | | P axis | | T axis | | |
|-----|------------|----------|-----------|-------|-----------------|-----|------|--------|--------|--------|--------|---|
| | | | Lat | Lon | Strike | Dip | Rake | Azim | Plunge | Azim | Plunge | |
| 1. | 2014.01.10 | 6:53:04 | 16.98 | 45.96 | 40 | 75 | 20 | 172 | 3 | 263 | 25 |  |
| 2. | 2014.01.19 | 1:34:34 | 19.43 | 48.03 | 70 | 80 | 100 | 151 | 34 | 352 | 54 |  |
| 3. | 2014.01.19 | 1:48:43 | 19.42 | 48.02 | 35 | 75 | 70 | 141 | 27 | 280 | 56 |  |
| 4. | 2014.02.03 | 23:57:07 | 19.42 | 48.04 | 55 | 40 | 70 | 339 | 7 | 222 | 76 |  |
| 5. | 2014.02.17 | 8:41:33 | 18.16 | 47.22 | 300 | 90 | -160 | 167 | 14 | 73 | 14 |  |
| 6. | 2014.06.04 | 17:56:29 | 20.57 | 48.04 | 55 | 85 | 50 | 176 | 29 | 290 | 37 |  |
| 7. | 2014.06.05 | 1:44:20 | 20.57 | 48.07 | 45 | 30 | 30 | 358 | 26 | 229 | 52 |  |
| 8. | 2014.08.03 | 1:10:23 | 19.40 | 48.04 | 120 | 65 | 130 | 182 | 11 | 78 | 52 |  |
| 9. | 2014.09.18 | 19:38:13 | 21.96 | 46.15 | 105 | 70 | -110 | 346 | 60 | 210 | 22 |  |
| 10. | 2014.11.15 | 7:02:11 | 20.71 | 46.12 | 100 | 65 | -150 | 319 | 38 | 228 | 1 |  |
| 11. | 2014.11.25 | 18:16:22 | 21.56 | 45.91 | 125 | 25 | -90 | 215 | 70 | 35 | 20 |  |

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=kompRESSzió/fel, D=dilatáció/le. A *-gal jelzett fázisok nem lettek használva a hypocentrum 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 calculation. |
| 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 (Reasenber and Oppenheimer, 1985). The results are summarized in Fig. 3.3.

Földrengés paraméterek

Hypocenter Parameters

1.

2014-01-09 time: 8:54:16.02 UTC ML= 0.6
 lat: 47.431N lon: 18.200E h= 0.0 km
 erh= 2.3km erz= 334km
 nr= 6 gap=254 rms=0.19
 Locality: Pusztavám
 Comments: probably explosion

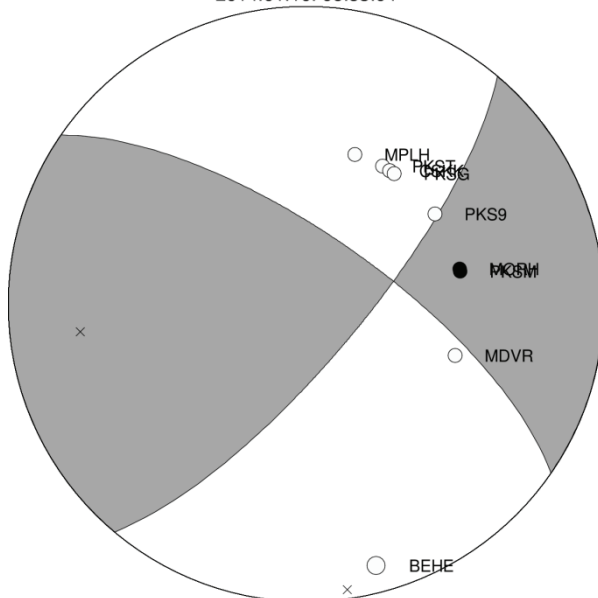
| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| CSKK | 8.8 | 149 | ePg | 8:54:17.40 | | | -0.19 |
| | | | eSg | | 54:18.90 | | 0.08 |
| PKSG | 15.0 | 107 | ePgc | 8:54:18.90 | | | 0.20 |
| | | | eSg | | 54:20.70 | | -0.10 |
| PKST | 22.8 | 213 | ePgD | 8:54:19.90 | | | -0.20 |
| | | | eSg | | 54:23.60 | | 0.32 |

2.

2014-01-10 time: 6:53:04.36 UTC ML= 2.5
 lat: 45.956N lon: 16.976E h= 10.0 km
 erh= 3.4km erz= 2.7km
 nr= 34 gap= 90 rms=1.31
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| BEHE | 59.3 | 345 | ePgD | 6:53:15.50 | | | 0.41 |
| | | | eSg | | 53:26.10 | | 2.64 |
| KOGS | 78.3 | 314 | iPg | 6:53:18.10 | | | -0.36 |
| | | | iSg | | 53:27.90 | | -1.55 |
| PKSV | 99.3 | 94 | ePg | 6:53:22.10 | | | -0.08 |
| | | | eSg | | 53:35.20 | | -0.88 |
| CRES | 118.8 | 263 | iPn | 6:53:24.70 | | | -0.22 |
| | | | eSn | | 53:39.90 | | -1.06 |
| PKS9 | 122.6 | 55 | ePnD | 6:53:28.10 | | | 2.71 |
| TIH | 126.5 | 34 | ePn | 6:53:24.70 | | | -1.18 |
| | | | eSn | | 53:40.70 | | -1.97 |
| PKSM | 132.0 | 78 | ePnC | 6:53:25.80 | | | -0.76 |
| | | | eSn | | 53:41.20 | | -2.69 |
| MORH | 132.3 | 77 | ePnC | 6:53:25.90 | | | -0.70 |
| | | | eSn | | 53:42.20 | | -1.76 |
| BLY | 135.1 | 173 | iPn | 6:53:28.50 | | | 1.54 |
| MPLH | 141.8 | 18 | ePnD | 6:53:28.60 | | | 0.81 |
| | | | eSn | | 53:46.30 | | 0.23 |
| PKST | 166.1 | 29 | ePnD | 6:53:32.50 | | | 1.68 |
| | | | eSn | | 53:49.00 | | -2.46 |
| SOKA | 169.8 | 298 | Pn | 6:53:31.20 | | | -0.09 |
| | | | Sn | | 53:51.00 | | -1.30 |
| ARSA | 182.0 | 322 | Pn | 6:53:33.00 | | | 0.20 |
| | | | Sn | | 53:52.50 | | -2.49 |
| CSKK | 184.8 | 32 | ePnD | 6:53:36.20 | | | 3.04 |
| | | | eSn | | 53:58.10 | | 2.48 |
| PKSG | 192.9 | 34 | ePnD | 6:53:34.90 | | | 0.73 |
| | | | eSn | | 54:03.70 | | 6.28 |
| OBKA | 197.1 | 288 | Pn | 6:53:35.60 | | | 0.92 |
| | | | Sn | | 54:00.60 | | 2.26 |
| CONA | 235.2 | 339 | Pn | 6:53:39.50 | | | 0.07 |
| | | | Sn | | 54:11.70 | | 4.91 |
| MODS | 269.8 | 5 | ePn | 6:53:44.50 | | | 0.75 |
| MOA | 294.9 | 316 | Pn | 6:53:46.70 | | | -0.18 |
| | | | Sn | | 54:20.30 | | 0.25 |
| PSZ | 311.5 | 46 | iPn | 6:53:44.90 | | | -4.05 |
| VYHS | 315.4 | 27 | ePn | 6:53:49.60 | | | 0.16 |
| | | | eSn | | 54:20.90 | | -3.71 |
| MDVR | 393.4 | 109 | iPnD | 6:53:53.90 | | | -5.26 |

2014.01.10. 06:53:04



3.

2014-01-10 time: 7:01:39.49 UTC ML= 1.7
 lat: 45.956N lon: 16.919E h= 10.0 km
 erh= 4.6km erz= 3.6km
 nr= 22 gap=185 rms=1.20
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| BEHE | 58.2 | 349 | ePg | 7:01:49.80 | | | -0.24 |
| | | | eSg | | 01:59.70 | | 1.43 |
| KOGS | 75.2 | 317 | iPg | 7:01:52.40 | | | -0.64 |
| | | | iSg | | 02:02.20 | | -1.41 |
| CRES | 114.4 | 263 | iPn | 7:01:59.10 | | | -0.41 |
| | | | iSn | | 02:14.30 | | -0.83 |
| PKSM | 136.2 | 78 | ePn | 7:02:01.70 | | | -0.52 |
| | | | eSn | | 02:18.40 | | -1.56 |
| MORH | 136.5 | 78 | ePn | 7:02:02.40 | | | 0.14 |
| | | | eSn | | 02:18.10 | | -1.93 |
| MPLH | 143.1 | 19 | ePnC | 7:02:04.30 | | | 1.21 |
| | | | eSn | | 02:21.70 | | 0.21 |
| SOKA | 166.0 | 299 | Sn | 7:02:26.80 | | | 0.22 |
| PKST | 168.2 | 31 | ePnD | 7:02:07.10 | | | 0.89 |
| | | | eSn | | 02:22.90 | | -4.15 |
| ARSA | 179.3 | 323 | Pn | 7:02:08.50 | | | 0.90 |
| | | | Sn | | 02:29.90 | | 0.37 |
| OBKA | 192.9 | 289 | Pn | 7:02:13.00 | | | 3.70 |
| | | | Sn | | 02:37.80 | | 5.25 |
| MYKA | 263.4 | 287 | Sn | 7:02:50.20 | | | 2.00 |
| MOA | 291.9 | 316 | Pn | 7:02:23.50 | | | 1.87 |
| | | | Sn | | 02:53.70 | | -0.81 |

4.

2014-01-11 time: 19:07:45.08 UTC ML= 1.7
 lat: 45.900N lon: 16.901E h= 15.9 km
 erh= 5.0km erz= 2.8km
 nr= 15 gap=210 rms=0.88
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| BEHE | 64.2 | 351 | ePgD | 19:07:56.30 | | | -0.58 |
| | | | eSg | | 08:06.40 | | 0.31 |
| PKSV | 104.9 | 91 | ePnD | 19:08:03.10 | | | -0.05 |
| | | | eSn | | 08:15.20 | | -2.05 |
| PKS9 | 130.9 | 54 | ePnD | 19:08:07.20 | | | 0.81 |

Hypocenter Parameters

| | | | |
|------------|--------|-------------|-------|
| | eSn | 08:22.20 | -0.82 |
| PKSM 139.1 | 76 ePn | 19:08:08.50 | 1.08 |
| | eSn | 08:25.00 | 0.16 |
| MPLH 149.5 | 19 eSn | 19:08:27.10 | -0.05 |
| SOKA 168.0 | 301 Sn | 19:08:31.80 | 0.54 |
| ARSA 183.6 | 325 Pn | 19:08:13.80 | 0.83 |
| | Sn | 08:32.50 | -2.23 |
| PKSG 201.3 | 35 eSn | 19:08:43.70 | 5.05 |
| MOA 295.6 | 317 Pn | 19:08:27.20 | 0.27 |
| | Sn | 08:59.20 | -0.37 |

5.

2014-01-11 time: 21:50:23.19 UTC ML= 1.7
 lat: 45.989N lon: 16.957E h= 10.0 km
 erh= 2.3km erz= 1.9km
 nr= 29 gap=165 rms=0.78
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| BEHE | 55.3 | 345 | ePgD | 21:50:33.90 | | | 0.68 |
| | | | eSg | 50:44.70 | | | 3.66 |
| KOGS | 74.7 | 313 | iPg | 21:50:36.60 | | | -0.05 |
| | | | iSg | 50:46.40 | | | -0.74 |
| PKSV | 101.0 | 96 | ePg | 21:50:40.70 | | | -0.63 |
| | | | eSg | 50:52.90 | | | -2.57 |
| GOLS | 103.3 | 271 | iP* | 21:50:41.60 | | | -0.11 |
| | | | iS* | 50:56.00 | | | -0.16 |
| GCIS | 104.0 | 262 | iP* | 21:50:42.30 | | | 0.47 |
| | | | iS* | 50:56.20 | | | -0.17 |
| CRES | 117.8 | 261 | iPn | 21:50:43.30 | | | -0.34 |
| | | | iSn | 50:59.10 | | | -0.49 |
| PKS9 | 121.6 | 57 | ePnD | 21:50:45.00 | | | 0.89 |
| | | | eSn | 50:59.80 | | | -0.63 |
| TIH | 124.2 | 35 | ePnD | 21:50:43.70 | | | -0.73 |
| | | | eSn | 50:57.80 | | | -3.20 |
| PKSM | 132.5 | 79 | ePnD | 21:50:46.20 | | | 0.72 |
| | | | eSn | 51:02.00 | | | -0.86 |
| MPLH | 138.6 | 19 | ePn | 21:50:46.30 | | | 0.06 |
| | | | eSn | 51:04.50 | | | 0.29 |
| PKST | 163.5 | 30 | ePn | 21:50:50.90 | | | 1.57 |
| | | | eSn | 51:09.90 | | | 0.18 |
| SOKA | 166.8 | 297 | Pn | 21:50:51.10 | | | 1.35 |
| | | | Sn | 51:09.50 | | | -0.96 |
| ARSA | 178.1 | 322 | Pn | 21:50:51.90 | | | 0.74 |
| | | | Sn | 51:11.00 | | | -1.97 |
| PKSG | 190.6 | 35 | ePnD | 21:50:57.40 | | | 4.68 |
| PENC | 267.4 | 42 | ePnD | 21:51:04.10 | | | 1.81 |
| MOA | 291.2 | 315 | Pn | 21:51:06.50 | | | 1.24 |
| | | | Sn | 51:37.20 | | | -0.87 |

6.

2014-01-12 time: 1:28:29.18 UTC ML= 1.6
 lat: 46.507N lon: 16.738E h= 12.4 km
 erh= 3.0km erz= 1.5km
 nr= 21 gap= 92 rms=0.73
 Locality: Kistolmács
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| BEHE | 5.1 | 145 | ePgD | 1:28:31.50 | | | -0.07 |
| | | | eSg | 28:33.30 | | | -0.13 |
| KOGS | 38.0 | 260 | iPg | 1:28:36.80 | | | 0.48 |
| | | | eSg | 28:42.50 | | | 0.61 |
| MPLH | 95.7 | 40 | eP* | 1:28:46.20 | | | -0.12 |
| | | | eS* | 28:59.70 | | | 0.00 |
| TIH | 98.5 | 64 | eP*D | 1:28:47.00 | | | 0.25 |
| | | | eS* | 29:00.70 | | | 0.25 |
| GOLS | 102.1 | 237 | eP* | 1:28:47.10 | | | -0.19 |
| | | | eS* | 29:00.20 | | | -1.23 |
| DOBS | 105.5 | 248 | iPn | 1:28:47.80 | | | 0.02 |
| PKS9 | 118.5 | 86 | eSn | 1:29:07.60 | | | 2.42 |
| ARSA | 124.1 | 312 | Pn | 1:28:49.20 | | | -0.90 |

Földrengés paraméterek

| | | | |
|------------|---------|------------|-------|
| | Sn | 29:05.10 | -1.32 |
| LEGS 126.0 | 240 ePn | 1:28:51.00 | 0.67 |
| SOKA 132.1 | 278 Pn | 1:28:51.50 | 0.41 |
| | Sn | 29:07.70 | -0.49 |
| PKSM 150.1 | 103 ePn | 1:28:52.70 | -0.64 |
| | eSn | 29:10.20 | -2.00 |
| OBKA 168.0 | 270 Pn | 1:28:56.00 | 0.42 |
| | Sn | 29:19.60 | 3.43 |

7.

2014-01-13 time: 12:21:55.33 UTC ML= 0.6
 lat: 47.215N lon: 18.281E h= 0.0 km
 erh= 6.1km erz= 823km
 nr= 8 gap=242 rms=0.61
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| CSKK | 16.6 | 355 | ePgD | 12:21:57.80 | | | -0.49 |
| | | | eSg | 22:01.20 | | | 0.60 |
| PKST | 19.3 | 285 | ePgD | 12:21:58.00 | | | -0.78 |
| | | | eSg | 22:01.10 | | | -0.37 |
| PKSG | 21.4 | 23 | ePgD | 12:21:59.50 | | | 0.36 |
| | | | eSg | 22:02.90 | | | 0.78 |
| MPLH | 56.4 | 265 | ePnC | 12:22:05.90 | | | 0.50 |
| | | | eSg | 22:15.40 | | | 2.14 |

8.

2014-01-15 time: 16:38:04.12 UTC ML= 1.8
 lat: 46.089N lon: 17.143E h= 3.4 km
 erh= 4.8km erz= 3.1km
 nr= 11 gap=222 rms=0.54
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| BEHE | 51.0 | 326 | ePgD | 16:38:12.80 | | | -0.45 |
| | | | eSg | 38:23.50 | | | 3.13 |
| PKSV | 88.8 | 105 | ePnC | 16:38:19.70 | | | -0.28 |
| | | | eSg | 38:31.80 | | | -0.56 |
| TIH | 107.0 | 33 | ePgD | 16:38:23.60 | | | 0.36 |
| PKSM | 116.6 | 83 | ePgD | 16:38:25.60 | | | 0.66 |
| | | | eSg | 38:41.20 | | | 0.02 |
| MPLH | 124.0 | 14 | ePnD | 16:38:26.00 | | | -0.19 |
| | | | eSn | 38:43.80 | | | 0.40 |
| PKST | 146.9 | 28 | ePn | 16:38:29.80 | | | 0.76 |
| | | | eSn | 38:46.20 | | | -2.28 |

9.

2014-01-17 time: 4:22:36.22 UTC ML= 1.7
 lat: 48.039N lon: 19.438E h= 10.0 km
 erh= 1.5km erz= 1.9km
 nr= 13 gap= 60 rms=0.50
 Locality: Iliny
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PENC | 30.0 | 203 | ePgD | 4:22:41.70 | | | -0.17 |
| | | | eSg | 22:46.20 | | | -0.09 |
| PSZ | 36.6 | 112 | ePnC | 4:22:43.40 | | | 0.40 |
| | | | eSg | 22:48.20 | | | -0.09 |
| VYHS | 67.5 | 319 | ePg | 4:22:48.90 | | | 0.50 |
| | | | eSg | 22:56.80 | | | -1.10 |
| SRO | 87.8 | 253 | eSg | 4:23:03.80 | | | -0.49 |
| KECS | 92.1 | 58 | ePg | 4:22:52.60 | | | -0.16 |
| | | | eSg | 23:04.90 | | | -0.77 |
| BSZH | 103.1 | 143 | eS* | 4:23:08.90 | | | -0.25 |
| LANS | 123.6 | 1 | ePn | 4:22:58.70 | | | 1.32 |
| | | | eSn | 23:13.40 | | | -0.49 |
| MODS | 164.9 | 283 | ePn | 4:23:03.00 | | | 0.47 |

Földrengés paraméterek

Hypocenter Parameters

10.

2014-01-17 time: 8:32:04.50 UTC ML= 0.7
 lat: 45.994N lon: 18.179E h= 0.0 km
 erh= 1.1km erz= 109km
 nr= 6 gap=261 rms=0.06
 Locality: Győd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 13.1 | 154 | ePg | 8:32:06.80 | -0.03 |
| | | | eSg | 32:08.70 | 0.05 |
| PKSM | 43.1 | 56 | ePgC | 8:32:12.20 | 0.00 |
| | | | eSg | 32:18.30 | 0.09 |
| MORH | 43.6 | 56 | ePgC | 8:32:12.30 | 0.02 |
| | | | eSg | 32:18.20 | -0.14 |

11.

2014-01-17 time: 8:37:06.71 UTC ML= 0.8
 lat: 45.997N lon: 18.173E h= 0.0 km
 erh= 0.5km erz=50.9km
 nr= 6 gap=263 rms=0.03
 Locality: Győd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 13.5 | 153 | ePg | 8:37:09.10 | -0.01 |
| | | | eSg | 37:11.00 | 0.01 |
| PKSM | 43.4 | 57 | ePgC | 8:37:14.50 | 0.05 |
| | | | eSg | 37:20.50 | 0.01 |
| MORH | 43.8 | 56 | ePgC | 8:37:14.50 | -0.03 |
| | | | eSg | 37:20.60 | -0.03 |

12.

2014-01-17 time: 8:40:09.99 UTC ML= 1.1
 lat: 47.323N lon: 18.410E h= 0.0 km
 erh= 2.1km erz= 581km
 nr= 10 gap=183 rms=0.45
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 7.8 | 349 | ePgC | 8:40:11.60 | 0.22 |
| | | | eSg | 40:12.20 | -0.26 |
| CSKK | 12.2 | 292 | ePgD | 8:40:12.00 | -0.16 |
| | | | eSg | 40:13.00 | -0.86 |
| PKST | 29.3 | 256 | ePgD | 8:40:15.50 | 0.28 |
| | | | eSg | 40:20.40 | 1.09 |
| MORH | 124.4 | 172 | ePg | 8:40:32.80 | 0.61 |
| | | | eSg | 40:49.20 | -0.32 |
| PKSM | 124.8 | 172 | ePgC | 8:40:32.00 | -0.27 |
| | | | eSg | 40:49.10 | -0.55 |

13.

2014-01-17 time: 8:40:25.42 UTC ML= 1.1
 lat: 47.318N lon: 18.424E h= 0.0 km
 erh= 2.7km erz= 647km
 nr= 7 gap=189 rms=0.42
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.6 | 343 | ePgC | 8:40:27.20 | 0.25 |
| | | | eSg | 40:28.20 | 0.05 |
| CSKK | 13.3 | 292 | ePgD | 8:40:27.50 | -0.30 |
| | | | eSg | 40:29.20 | -0.46 |
| PKST | 30.2 | 257 | eSg | 8:40:36.40 | 1.38 |
| MORH | 123.7 | 172 | eSg | 8:41:04.70 | -0.04 |
| PKSM | 124.1 | 172 | eSg | 8:41:04.70 | -0.17 |

14.

2014-01-19 time: 1:34:34.54 UTC ML= 4.2
 lat: 48.025N lon: 19.435E h= 2.4 km
 erh= 1.7km erz= 1.8km
 nr= 37 gap= 40 rms=0.67
 Locality: Iliny
 Comments: felt 5 EMS

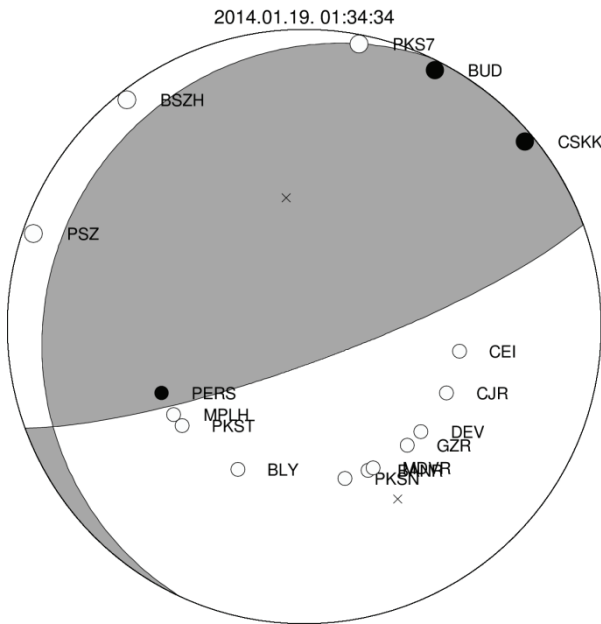
| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 28.5 | 204 | iPg | 1:34:39.90 | 0.26 |
| | | | eSg | 34:44.10 | 0.47 |
| PSZ | 36.3 | 109 | iPgD | 1:34:41.50 | 0.46 |
| | | | eSg | 34:46.40 | 0.29 |
| BUD | 67.6 | 207 | ePgC | 1:34:46.40 | -0.22 |
| | | | eSg | 34:54.70 | -1.35 |
| VYHS | 68.5 | 320 | ePg | 1:34:46.90 | 0.12 |
| | | | eSg | 34:54.90 | -1.43 |
| SRO | 87.1 | 254 | ePg | 1:34:49.90 | -0.19 |
| | | | eSg | 35:00.60 | -1.62 |
| KECS | 93.2 | 57 | ePg | 1:34:50.20 | -0.99 |
| | | | eSg | 35:03.00 | -1.17 |
| BSZH | 102.1 | 142 | ePgD | 1:34:53.20 | 0.43 |
| | | | eSg | 35:07.00 | 0.01 |
| PKSG | 105.3 | 228 | ePg | 1:34:53.40 | 0.05 |
| | | | eSg | 35:08.30 | 0.27 |
| PKS7 | 110.7 | 191 | ePgD | 1:34:54.30 | 0.00 |
| | | | eSg | 35:08.60 | -1.12 |
| CSKK | 114.8 | 230 | ePgC | 1:34:53.90 | -1.15 |
| | | | eSg | 35:09.50 | -1.55 |
| LANS | 125.2 | 1 | ePn | 1:34:56.70 | -0.18 |
| | | | eSn | 35:11.50 | -2.80 |
| PKSN | 129.6 | 165 | ePnD | 1:34:57.80 | 0.37 |
| | | | eSn | 35:14.40 | -0.88 |
| PKST | 135.4 | 231 | ePnD | 1:34:57.60 | -0.55 |
| | | | eSn | 35:15.30 | -1.27 |
| SMOL | 158.5 | 290 | ePn | 1:35:02.60 | 1.56 |
| | | | eSn | 35:21.50 | -0.21 |
| PKS6 | 158.8 | 176 | ePn | 1:35:03.00 | 1.93 |
| | | | eSn | 35:22.00 | 0.24 |
| MODS | 165.0 | 284 | ePn | 1:35:02.50 | 0.66 |
| | | | eSn | 35:22.60 | -0.54 |
| TIH | 170.8 | 223 | ePn | 1:35:03.00 | 0.44 |
| | | | eSn | 35:25.40 | 0.98 |
| PKS2 | 171.3 | 186 | ePn | 1:35:05.00 | 2.37 |
| | | | eSn | 35:25.70 | 1.16 |
| MPLH | 171.3 | 236 | ePnD | 1:35:02.90 | 0.27 |
| | | | eSn | 35:27.10 | 2.55 |
| ZST | 174.7 | 276 | ePn | 1:35:04.30 | 1.25 |
| | | | eSn | 35:25.50 | 0.20 |
| PKS9 | 182.2 | 209 | ePn | 1:35:03.60 | -0.39 |
| | | | eSn | 35:27.10 | 0.13 |
| LTVH | 198.3 | 111 | eSn | 1:35:32.50 | 1.97 |
| STHS | 204.1 | 41 | ePn | 1:35:06.90 | 0.18 |
| MORH | 209.9 | 197 | ePn | 1:35:06.30 | -1.14 |
| PKSM | 210.4 | 197 | ePn | 1:35:06.50 | -1.00 |
| SOP | 218.6 | 260 | ePn | 1:35:07.90 | -0.63 |
| OKC | 222.5 | 335 | ePn | 1:35:09.50 | 0.48 |
| | | | eSn | 35:33.40 | -2.51 |
| CEI | 229.4 | 99 | iPnD | 1:35:09.50 | -0.38 |
| TRPA | 231.6 | 87 | ePn | 1:35:09.20 | -0.95 |
| | | | eSn | 35:43.60 | 5.67 |
| KOLS | 232.9 | 64 | ePn | 1:35:09.70 | -0.61 |
| MORC | 239.2 | 325 | iPn | 1:35:10.60 | -0.49 |
| VRAC | 253.3 | 304 | iPn | 1:35:12.30 | -0.55 |
| PKSV | 254.0 | 201 | ePn | 1:35:12.40 | -0.54 |
| | | | eSn | 35:49.40 | 6.50 |
| SIRR | 258.2 | 139 | iPn | 1:35:12.70 | -0.76 |
| | | | ePn | 1:35:15.00 | 0.64 |
| BEHE | 265.4 | 229 | eSn | 35:44.30 | -1.12 |
| | | | Pn | 1:35:13.70 | -0.86 |
| CONA | 267.0 | 268 | Sn | 35:42.60 | -3.18 |
| | | | iPn | 1:35:16.30 | -0.23 |
| DRGR | 282.8 | 119 | iPn | 1:35:16.90 | -0.35 |
| TIM | 288.6 | 152 | iPn | 1:35:16.90 | -0.35 |
| KOGS | 298.1 | 234 | ePn | 1:35:18.10 | -0.34 |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|------|-------|-----|----------|------------|-------|
| | | eSn | 36:04.60 | 11.91 | |
| KRLC | 299.3 | 320 | ePn | 1:35:18.70 | 0.11 |
| | | eSn | 35:49.40 | -3.56 | |
| ARSA | 306.3 | 254 | Pn | 1:35:19.00 | -0.46 |
| | | Sn | 35:52.30 | -2.20 | |
| BMR | 306.6 | 97 | iPn | 1:35:19.90 | 0.40 |
| BZS | 315.3 | 148 | iPn | 1:35:19.80 | -0.79 |
| BANR | 321.3 | 156 | iPnD | 1:35:21.10 | -0.23 |
| TREC | 323.3 | 296 | ePn | 1:35:21.00 | -0.58 |
| | | eSn | 35:54.00 | -4.27 | |
| DPC | 344.0 | 319 | ePn | 1:35:24.30 | 0.14 |
| | | eSn | 35:59.80 | -3.07 | |
| CJR | 346.7 | 115 | iPnD | 1:35:25.20 | 0.71 |
| DEV | 355.6 | 132 | iPnD | 1:35:25.30 | -0.30 |
| BISS | 359.8 | 245 | iPn | 1:35:25.40 | -0.73 |
| PERS | 361.1 | 245 | iPnC | 1:35:25.80 | -0.50 |
| SOKA | 364.8 | 246 | Pn | 1:35:26.30 | -0.45 |
| | | Sn | 36:04.20 | -3.28 | |
| UPC | 371.8 | 318 | ePn | 1:35:27.60 | -0.03 |
| | | eSn | 36:06.10 | -2.95 | |
| ARCR | 384.7 | 106 | iPn | 1:35:29.80 | 0.56 |
| MOA | 386.7 | 267 | Pn | 1:35:29.00 | -0.49 |
| GZR | 388.5 | 139 | iPnD | 1:35:29.50 | -0.21 |
| MDVR | 400.9 | 154 | iPnD | 1:35:30.80 | -0.45 |
| BLY | 403.3 | 205 | iPnD | 1:35:31.00 | -0.55 |
| OBKA | 406.4 | 245 | Pn | 1:35:31.80 | -0.14 |

| | | | | | |
|------|-------|-----|----------|------------|-------|
| | | eSg | 49:12.20 | -1.33 | |
| BSZH | 102.2 | 141 | ePgD | 1:49:01.90 | 0.26 |
| | | eSg | 49:15.90 | 0.01 | |
| PKSG | 103.8 | 228 | ePg | 1:49:02.20 | 0.26 |
| PKS7 | 109.6 | 190 | ePgD | 1:49:03.60 | 0.64 |
| CSKK | 113.3 | 230 | ePgC | 1:49:02.70 | -0.93 |
| | | eSg | 49:18.50 | -0.92 | |
| LANS | 126.1 | 2 | ePn | 1:49:05.40 | -0.21 |
| | | eSn | 49:20.50 | -2.44 | |
| PKSN | 129.1 | 165 | ePn | 1:49:06.50 | 0.52 |
| | | eSn | 49:23.20 | -0.41 | |
| PKST | 133.8 | 231 | ePn | 1:49:06.00 | -0.58 |
| | | eSn | 49:23.80 | -0.87 | |
| SMOL | 157.7 | 290 | ePn | 1:49:11.20 | 1.66 |
| | | eSn | 49:31.40 | 1.45 | |
| PKS6 | 158.0 | 176 | ePn | 1:49:09.70 | 0.11 |
| | | eSn | 49:30.90 | 0.88 | |
| MODS | 164.0 | 284 | ePn | 1:49:10.90 | 0.57 |
| | | eSn | 49:31.40 | 0.05 | |
| TIH | 169.3 | 223 | ePnC | 1:49:11.70 | 0.71 |
| | | eSn | 49:34.90 | 2.38 | |
| MPLH | 169.8 | 236 | ePn | 1:49:11.70 | 0.64 |
| | | eSn | 49:36.50 | 3.86 | |
| PKS2 | 170.3 | 185 | ePn | 1:49:11.10 | -0.02 |
| | | eSn | 49:33.90 | 1.15 | |
| ZST | 173.6 | 277 | ePn | 1:49:12.20 | 0.67 |
| | | eSn | 49:32.80 | -0.68 | |
| PKS9 | 180.8 | 208 | ePnC | 1:49:12.40 | -0.04 |
| | | eSn | 49:37.50 | 2.40 | |
| LTVH | 199.2 | 111 | ePn | 1:49:14.80 | 0.07 |
| | | eSn | 49:43.80 | 4.63 | |
| STHS | 205.6 | 41 | ePn | 1:49:15.80 | 0.28 |
| | | eSn | 49:44.40 | 3.81 | |
| MORH | 208.7 | 196 | ePn | 1:49:15.10 | -0.81 |
| | | eSn | 49:37.50 | -3.78 | |
| PKSM | 209.2 | 196 | ePnD | 1:49:15.30 | -0.67 |
| | | eSn | 49:39.70 | -1.69 | |
| SOP | 217.2 | 260 | ePnD | 1:49:16.60 | -0.37 |
| | | eSn | 49:47.80 | 4.64 | |
| OKC | 222.8 | 335 | ePn | 1:49:18.20 | 0.53 |
| | | eSn | 49:41.90 | -2.51 | |
| TRPA | 233.0 | 87 | ePn | 1:49:18.70 | -0.24 |
| | | eSn | 49:51.50 | 4.84 | |
| KOLS | 234.4 | 64 | ePn | 1:49:18.80 | -0.32 |
| MORC | 239.2 | 325 | iPn | 1:49:19.70 | -0.01 |
| PKSV | 252.7 | 201 | ePnC | 1:49:21.10 | -0.30 |
| | | eSn | 49:58.20 | 7.15 | |
| VRAC | 252.8 | 305 | iPn | 1:49:21.20 | -0.21 |
| BEHE | 263.8 | 229 | ePnC | 1:49:24.00 | 1.22 |
| | | eSn | 49:53.60 | 0.09 | |
| CONA | 265.7 | 268 | Pn | 1:49:22.50 | -0.52 |
| | | Sn | 49:51.40 | -2.53 | |
| DRGR | 283.5 | 119 | iPnD | 1:49:24.90 | -0.34 |
| KOGS | 296.6 | 234 | ePn | 1:49:27.30 | 0.43 |
| KRLC | 299.2 | 320 | ePn | 1:49:27.30 | 0.11 |
| | | eSn | 49:59.60 | -1.76 | |
| ARSA | 304.9 | 254 | Pn | 1:49:27.80 | -0.10 |
| | | Sn | 50:01.10 | -1.52 | |
| BMR | 307.7 | 97 | iPnD | 1:49:29.50 | 1.24 |
| BZS | 315.3 | 148 | iPn | 1:49:28.60 | -0.60 |
| TREC | 322.6 | 296 | ePn | 1:49:29.90 | -0.21 |
| | | eSn | 50:04.30 | -2.25 | |
| DPC | 343.9 | 319 | ePn | 1:49:33.20 | 0.44 |
| | | eSn | 50:09.50 | -1.78 | |
| CJR | 347.5 | 115 | iPn | 1:49:33.80 | 0.59 |
| DEV | 356.0 | 132 | iPn | 1:49:34.30 | 0.03 |
| SOKA | 363.3 | 246 | Pn | 1:49:35.10 | -0.08 |
| UPC | 371.7 | 318 | ePn | 1:49:36.50 | 0.27 |
| | | eSn | 50:14.80 | -2.65 | |
| MOA | 385.4 | 267 | Pn | 1:49:38.00 | 0.06 |
| ARCR | 385.7 | 106 | iPn | 1:49:38.30 | 0.32 |
| GZR | 388.7 | 139 | iPnD | 1:49:38.50 | 0.15 |
| MDVR | 400.7 | 154 | iPnD | 1:49:39.50 | -0.35 |
| BLY | 401.9 | 205 | iPn | 1:49:39.80 | -0.20 |
| OBKA | 404.8 | 246 | Pn | 1:49:40.60 | 0.23 |



15.

2014-01-19 time: 1:48:43.39 UTC ML= 3.2
 lat: 48.017N lon: 19.418E h= 4.2 km
 erh= 1.4km erz= 1.4km
 nr= 36 gap= 39 rms=0.51
 Locality: Iliny
 Comments: felt 4-5 EMS

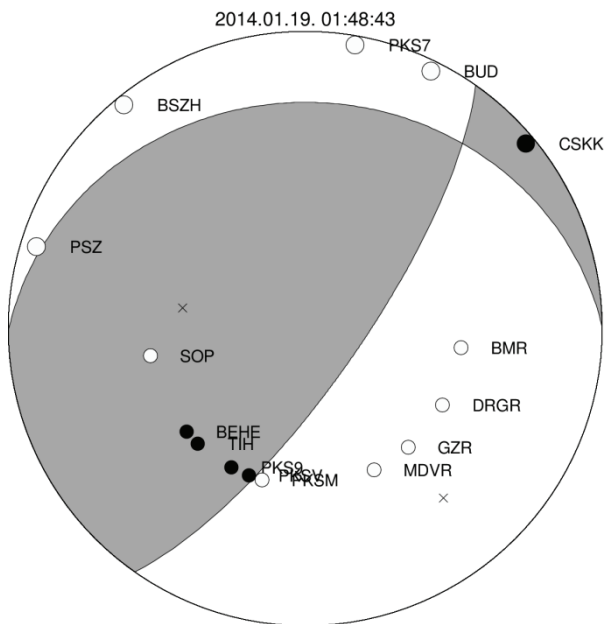
| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PENC | 27.2 | 202 | ePg | 1:48:48.50 | | | 0.20 |
| | | | eSg | 48:52.80 | | | 0.67 |
| PSZ | 37.3 | 107 | ePgD | 1:48:50.30 | | | 0.22 |
| | | | eSg | 48:55.10 | | | -0.21 |
| BUD | 66.3 | 206 | ePgD | 1:48:55.20 | | | -0.04 |
| | | | eSg | 49:03.70 | | | -0.79 |
| VYHS | 68.4 | 321 | ePg | 1:48:55.80 | | | 0.18 |
| | | | eSg | 49:03.90 | | | -1.26 |
| SRO | 85.6 | 255 | ePg | 1:48:58.30 | | | -0.39 |
| | | | eSg | 49:09.50 | | | -1.13 |
| KECS | 94.7 | 57 | ePg | 1:48:59.00 | | | -1.32 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|-----|------------|-------|
| HERR | 417.9 | 147 | iPn | 1:49:41.50 | -0.49 |
| PRU | 418.7 | 302 | ePn | 1:49:41.70 | -0.40 |
| | | | eSn | 50:24.30 | -3.59 |
| PRA | 430.0 | 302 | ePn | 1:49:43.00 | -0.51 |
| | | | eSn | 50:26.40 | -4.01 |
| BURB | 436.6 | 96 | iPn | 1:49:44.70 | 0.37 |
| KHC | 448.4 | 286 | ePn | 1:49:45.60 | -0.19 |
| | | | eSn | 50:31.80 | -2.67 |
| PVCC | 450.0 | 308 | ePn | 1:49:45.50 | -0.50 |
| | | | eSn | 50:31.60 | -3.23 |
| KBA | 468.9 | 257 | Pn | 1:49:47.50 | -0.86 |

Hypocenter Parameters

| | | | | | |
|------|-------|-----|------|-------------|-------|
| | | | eSn | 41:34.70 | -0.31 |
| PKS6 | 160.0 | 177 | eSn | 16:41:34.70 | -0.39 |
| MODS | 166.3 | 283 | ePn | 16:41:15.60 | 0.76 |
| | | | eSn | 41:34.80 | -1.69 |
| TIH | 172.9 | 223 | ePnD | 16:41:16.90 | 1.24 |
| | | | eSn | 41:39.90 | 1.95 |
| MPLH | 173.5 | 236 | ePnD | 16:41:17.50 | 1.77 |
| | | | eSn | 41:40.80 | 2.72 |
| ZST | 176.2 | 276 | ePn | 16:41:18.00 | 1.92 |
| | | | eSn | 41:38.30 | -0.39 |
| PKS9 | 184.2 | 209 | ePn | 16:41:18.30 | 1.23 |
| | | | eSn | 41:42.30 | 1.83 |
| MORH | 211.7 | 197 | ePnC | 16:41:19.20 | -1.30 |
| PKSM | 212.2 | 197 | ePnC | 16:41:19.30 | -1.26 |
| KOLS | 230.8 | 64 | ePn | 16:41:23.00 | 0.12 |



16.

2014-01-19 time: 16:40:47.09 UTC ML= 2.2
 lat: 48.037N lon: 19.458E h= 0.1 km
 erh= 1.7km erz= 1.9km
 nr= 41 gap= 57 rms=0.98
 Locality: Varsány
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PENC | 30.4 | 206 | ePg | 16:40:52.50 | -0.02 |
| | | | eSg | 40:56.80 | 0.05 |
| PSZ | 35.2 | 112 | ePgC | 16:40:54.00 | 0.63 |
| | | | eSg | 40:58.80 | 0.52 |
| VYHS | 68.6 | 318 | ePg | 16:40:59.60 | 0.26 |
| | | | eSg | 41:07.20 | -1.69 |
| BUD | 69.6 | 208 | ePgC | 16:40:59.20 | -0.32 |
| | | | eSg | 41:08.60 | -0.61 |
| SRO | 89.1 | 254 | ePg | 16:41:04.10 | 1.11 |
| | | | eSg | 41:13.40 | -1.99 |
| KECS | 91.0 | 57 | ePg | 16:41:03.10 | -0.24 |
| | | | eSg | 41:15.10 | -0.92 |
| BSZH | 102.1 | 143 | ePgD | 16:41:05.40 | 0.08 |
| | | | eSg | 41:19.50 | -0.04 |
| PKSG | 107.5 | 228 | ePgD | 16:41:06.30 | 0.02 |
| | | | eSg | 41:21.20 | -0.06 |
| PKS7 | 112.3 | 191 | ePgD | 16:41:07.50 | 0.36 |
| | | | eSg | 41:21.60 | -1.18 |
| CSKK | 117.0 | 230 | ePgD | 16:41:07.40 | -0.58 |
| | | | eSg | 41:22.80 | -1.47 |
| LANS | 123.8 | 0 | ePg | 16:41:09.60 | 0.41 |
| | | | eSg | 41:24.20 | -2.24 |
| PKSN | 130.5 | 166 | eSn | 16:41:26.70 | -1.83 |
| PKST | 137.5 | 231 | ePnD | 16:41:10.30 | -0.95 |
| | | | eSn | 41:29.60 | -0.51 |
| SMOL | 159.6 | 289 | ePn | 16:41:15.30 | 1.29 |

17.

2014-01-19 time: 19:36:21.65 UTC ML= 1.3
 lat: 48.061N lon: 19.442E h= 10.0 km
 erh= 2.7km erz= 3.7km
 nr= 9 gap=115 rms=0.58
 Locality: Csitár
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PENC | 32.4 | 202 | ePgC | 19:36:27.40 | -0.31 |
| | | | eSg | 36:31.70 | -0.74 |
| PSZ | 37.3 | 115 | ePgC | 19:36:28.90 | 0.35 |
| | | | eSg | 36:33.70 | -0.23 |
| VYHS | 65.9 | 317 | ePg | 19:36:34.50 | 0.95 |
| | | | eSg | 36:42.10 | -0.73 |
| KECS | 90.5 | 59 | ePg | 19:36:38.50 | 0.58 |
| | | | eSg | 36:49.10 | -1.51 |
| LANS | 121.1 | 1 | eSn | 19:36:58.50 | -0.28 |

18.

2014-01-21 time: 1:06:05.27 UTC ML= 2.7
 lat: 48.021N lon: 19.433E h= 4.1 km
 erh= 1.3km erz= 1.3km
 nr= 58 gap= 39 rms=0.84
 Locality: Iliny
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 28.0 | 204 | ePg | 1:06:10.60 | 0.29 |
| | | | eSg | 06:14.70 | 0.45 |
| PSZ | 36.3 | 108 | iPgD | 1:06:11.80 | 0.01 |
| BUD | 67.1 | 207 | ePgC | 1:06:17.20 | -0.07 |
| | | | eSg | 06:25.50 | -1.14 |
| VYHS | 68.8 | 320 | ePg | 1:06:17.80 | 0.22 |
| | | | eSg | 06:25.80 | -1.38 |
| SRO | 86.8 | 255 | ePg | 1:06:21.20 | 0.41 |
| | | | eSg | 06:31.60 | -1.29 |
| KECS | 93.6 | 57 | ePg | 1:06:21.20 | -0.80 |
| | | | eSg | 06:34.20 | -0.84 |
| BSZH | 101.7 | 142 | ePgD | 1:06:24.00 | 0.55 |
| | | | eSg | 06:37.90 | 0.27 |
| PKSG | 104.9 | 228 | ePgD | 1:06:24.20 | 0.18 |
| | | | eSg | 06:39.00 | 0.36 |
| PKS7 | 110.1 | 191 | ePgD | 1:06:25.50 | 0.55 |
| | | | eSg | 06:39.50 | -0.80 |
| CSKK | 114.4 | 230 | ePgD | 1:06:24.60 | -1.11 |
| | | | eSg | 06:40.20 | -1.46 |
| LANS | 125.7 | 1 | ePn | 1:06:27.70 | 0.24 |
| | | | eSn | 06:42.60 | -2.16 |
| PKSN | 129.1 | 165 | ePn | 1:06:28.50 | 0.62 |
| | | | eSn | 06:45.20 | -0.32 |
| PKST | 135.0 | 231 | ePnD | 1:06:28.10 | -0.51 |
| | | | eSn | 06:46.20 | -0.62 |
| PKS6 | 158.3 | 176 | eSn | 1:06:52.90 | 0.91 |
| SMOL | 158.6 | 290 | ePn | 1:06:33.50 | 1.94 |
| | | | eSn | 06:53.10 | 1.03 |
| MODS | 165.0 | 284 | ePn | 1:06:34.60 | 2.24 |

Hypocenter Parameters

Földrengés paraméterek

| | | | | | |
|------|-------|-----|----------|------------|-------|
| | | eSn | 06:52.90 | -0.59 | |
| TIH | 170.3 | 223 | ePnC | 1:06:33.80 | 0.78 |
| PKS2 | 170.7 | 186 | ePn | 1:06:33.20 | 0.13 |
| | | eSn | 06:54.70 | -0.06 | |
| MPLH | 170.9 | 236 | ePnD | 1:06:34.30 | 1.20 |
| | | eSn | 06:54.20 | -0.61 | |
| ZST | 174.7 | 276 | ePn | 1:06:35.20 | 1.64 |
| | | eSn | 06:55.00 | -0.63 | |
| PKS9 | 181.7 | 209 | ePnC | 1:06:34.10 | -0.34 |
| | | eSn | 06:57.20 | 0.00 | |
| STHS | 204.6 | 41 | ePn | 1:06:37.90 | 0.61 |
| | | eSn | 07:06.70 | 4.42 | |
| MORH | 209.4 | 197 | ePnD | 1:06:37.30 | -0.59 |
| | | eSn | 06:58.20 | -5.14 | |
| PKSM | 209.9 | 197 | ePnD | 1:06:37.30 | -0.65 |
| | | eSn | 06:59.50 | -3.94 | |
| SOP | 218.4 | 260 | ePnD | 1:06:38.60 | -0.41 |
| | | eSn | 07:03.00 | -2.34 | |
| OKC | 223.0 | 335 | ePn | 1:06:40.50 | 0.92 |
| | | eSn | 07:04.70 | -1.65 | |
| TRPA | 231.8 | 87 | ePn | 1:06:40.80 | 0.11 |
| KOLS | 233.2 | 64 | ePn | 1:06:41.00 | 0.13 |
| MORC | 239.5 | 325 | iPnD | 1:06:42.00 | 0.35 |
| PKSV | 253.5 | 201 | ePnC | 1:06:43.20 | -0.19 |
| | | eSn | 07:10.40 | -2.73 | |
| VRAC | 253.5 | 304 | iPn | 1:06:43.30 | -0.09 |
| BEHE | 264.9 | 229 | ePn | 1:06:45.10 | 0.28 |
| | | eSn | 07:14.80 | -0.87 | |
| CONA | 266.9 | 268 | Pn | 1:06:44.60 | -0.46 |
| | | Sn | 07:13.70 | -2.39 | |
| DRGR | 282.7 | 119 | iPn | 1:06:46.90 | -0.13 |
| KRLC | 299.7 | 320 | ePn | 1:06:49.40 | 0.25 |
| | | eSn | 07:21.80 | -1.57 | |
| ARSA | 306.1 | 254 | Pn | 1:06:48.90 | -1.05 |
| | | Sn | 07:22.80 | -1.99 | |
| BZS | 314.9 | 148 | iPn | 1:06:50.80 | -0.25 |
| TREC | 323.4 | 296 | ePn | 1:06:52.20 | 0.09 |
| DPC | 344.3 | 319 | ePn | 1:06:54.90 | 0.18 |
| | | eSn | 07:31.40 | -1.89 | |
| CJR | 346.6 | 115 | iPnD | 1:06:55.70 | 0.70 |
| MOA | 386.6 | 267 | Pn | 1:06:59.90 | -0.08 |
| | | Sn | 07:40.70 | -1.96 | |
| GZR | 388.2 | 139 | iPnD | 1:07:00.30 | 0.12 |
| MDVR | 400.5 | 154 | iPnD | 1:07:02.80 | 1.08 |
| PRU | 419.5 | 301 | ePn | 1:07:03.60 | -0.49 |
| | | eSn | 07:46.60 | -3.37 | |
| PRA | 430.8 | 302 | ePn | 1:07:05.40 | -0.10 |
| | | eSn | 07:50.50 | -1.98 | |
| BURB | 435.5 | 96 | iPn | 1:07:07.10 | 1.01 |
| KHC | 449.4 | 286 | ePn | 1:07:07.80 | -0.01 |
| | | eSn | 07:54.40 | -2.20 | |
| DOPR | 507.3 | 117 | iPnD | 1:07:15.90 | 0.86 |
| VOIR | 516.5 | 124 | iPn | 1:07:17.00 | 0.81 |

19.

2014-01-21 time: 18:32:19.12 UTC ML= 1.5
 lat: 47.951N lon: 20.158E h= 10.0 km
 erh= 2.9km erz= 2.5km
 nr= 11 gap= 90 rms=0.71
 Locality: Szajla
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PSZ | 20.0 | 260 | ePgD | 18:32:23.30 | | | 0.19 |
| | | | eSg | 32:26.80 | | | 0.57 |
| KECS | 64.0 | 22 | ePg | 18:32:30.30 | | | -0.38 |
| | | | eSg | 32:38.80 | | | -0.91 |
| PENC | 67.9 | 255 | ePgD | 18:32:31.30 | | | -0.08 |
| | | | eSg | 32:40.40 | | | -0.54 |
| BSZH | 72.9 | 174 | eSg | 18:32:42.10 | | | -0.40 |
| VYHS | 115.3 | 302 | ePn | 18:32:40.80 | | | 1.55 |
| | | | eSn | 32:53.70 | | | -1.25 |
| PKSN | 119.2 | 191 | eSn | 18:32:55.50 | | | -0.31 |
| TRPA | 178.7 | 84 | eSn | 18:33:11.40 | | | 2.38 |

20.

2014-01-22 time: 12:13:43.15 UTC ML= 2.9
 lat: 48.011N lon: 19.399E h= 2.5 km
 erh= 2.0km erz= 2.2km
 nr= 32 gap= 39 rms=0.71
 Locality: Iliny
 Comments: felt 4-5 EMS

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PENC | 26.1 | 200 | ePgC | 12:13:48.00 | | | 0.17 |
| | | | eSg | 13:52.20 | | | 0.72 |
| PSZ | 38.4 | 106 | ePgC | 12:13:50.20 | | | 0.18 |
| | | | eSg | 13:55.10 | | | -0.28 |
| BUD | 65.1 | 206 | ePgD | 12:13:54.50 | | | -0.28 |
| | | | eSg | 14:03.10 | | | -0.76 |
| VYHS | 68.0 | 322 | ePg | 12:13:55.40 | | | 0.09 |
| | | | eSg | 14:03.40 | | | -1.40 |
| SRO | 84.1 | 255 | ePg | 12:13:58.40 | | | 0.22 |
| | | | eSg | 14:08.50 | | | -1.40 |
| KECS | 96.2 | 57 | ePg | 12:13:58.90 | | | -1.45 |
| | | | eSg | 14:12.00 | | | -1.75 |
| PKSG | 102.4 | 228 | ePgD | 12:14:01.80 | | | 0.36 |
| | | | eSg | 14:16.60 | | | 0.90 |
| BSZH | 102.5 | 141 | ePgD | 12:14:01.70 | | | 0.23 |
| | | | eSg | 14:15.40 | | | -0.35 |
| PKS7 | 108.7 | 190 | ePgD | 12:14:03.20 | | | 0.63 |
| | | | eSg | 14:16.80 | | | -0.91 |
| CSKK | 111.8 | 230 | ePgD | 12:14:02.20 | | | -0.93 |
| | | | eSg | 14:18.20 | | | -0.51 |
| LANS | 126.8 | 2 | ePn | 12:14:05.20 | | | -0.47 |
| | | | eSn | 14:20.10 | | | -3.14 |
| PKST | 132.4 | 231 | ePnD | 12:14:05.50 | | | -0.87 |
| | | | eSn | 14:23.80 | | | -0.68 |
| SMOL | 156.6 | 291 | ePn | 12:14:10.90 | | | 1.51 |
| | | | eSn | 14:30.50 | | | 0.64 |
| PKS6 | 157.4 | 175 | ePnD | 12:14:11.30 | | | 1.81 |
| | | | eSn | 14:30.40 | | | 0.36 |
| MODS | 162.8 | 284 | ePn | 12:14:10.30 | | | 0.13 |
| | | | eSn | 14:30.30 | | | -0.94 |
| TIH | 167.8 | 223 | ePnD | 12:14:11.40 | | | 0.61 |
| | | | eSn | 14:34.00 | | | 1.65 |
| MPLH | 168.3 | 236 | ePnD | 12:14:11.30 | | | 0.45 |
| | | | eSn | 14:35.30 | | | 2.85 |
| PKS2 | 169.5 | 185 | ePnC | 12:14:13.80 | | | 2.80 |
| | | | eSn | 14:33.80 | | | 1.08 |
| ZST | 172.3 | 277 | ePn | 12:14:12.50 | | | 1.15 |
| | | | eSn | 14:32.90 | | | -0.44 |
| PKS9 | 179.6 | 208 | ePnD | 12:14:11.90 | | | -0.36 |
| | | | eSn | 14:37.30 | | | 2.34 |
| STHS | 207.0 | 41 | ePn | 12:14:15.50 | | | -0.17 |
| MORH | 207.7 | 196 | ePnD | 12:14:14.90 | | | -0.86 |
| | | | eSn | 14:36.90 | | | -4.29 |
| PKSM | 208.2 | 196 | ePnC | 12:14:14.80 | | | -1.02 |
| | | | eSn | 14:36.90 | | | -4.40 |
| OKC | 222.9 | 336 | ePn | 12:14:18.10 | | | 0.45 |
| | | | eSn | 14:42.10 | | | -2.46 |
| TRPA | 234.4 | 87 | iPn | 12:14:19.60 | | | 0.51 |
| KOLS | 235.9 | 64 | e n | 12:14:20.90 | | | 1.62 |
| MORC | 238.9 | 325 | iPn | 12:14:19.80 | | | 0.14 |
| PKSV | 251.6 | 200 | ePnD | 12:14:20.60 | | | -0.64 |
| | | | eSn | 14:48.30 | | | -2.65 |
| VRAC | 252.1 | 305 | iPn | 12:14:21.00 | | | -0.29 |
| SIRR | 258.8 | 139 | iPnD | 12:14:21.00 | | | -1.14 |
| | | | Pn | 12:14:22.00 | | | -0.82 |
| CONA | 264.3 | 268 | Pn | 12:14:22.00 | | | -0.82 |
| DRGR | 284.4 | 118 | iPn | 12:14:26.50 | | | 1.17 |
| KRLC | 298.9 | 320 | ePn | 12:14:27.10 | | | -0.03 |
| | | | eSn | 14:59.30 | | | -2.13 |
| BZS | 315.4 | 148 | iPn | 12:14:27.80 | | | -1.40 |
| TREC | 321.7 | 296 | ePn | 12:14:30.60 | | | 0.63 |
| | | | eSn | 15:04.00 | | | -2.49 |
| DPC | 343.5 | 319 | ePn | 12:14:32.80 | | | 0.10 |
| | | | eSn | 15:08.80 | | | -2.54 |
| GZR | 389.1 | 138 | iPnD | 12:14:38.30 | | | -0.08 |
| MDVR | 400.7 | 154 | iPn | 12:14:39.00 | | | -0.83 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|------|-------------|-------|
| PRU | 418.0 | 302 | ePn | 12:14:41.60 | -0.38 |
| | | | eSn | 15:24.30 | -3.56 |
| HERR | 418.1 | 146 | iPnD | 12:14:42.50 | 0.50 |
| BURB | 437.9 | 96 | iPn | 12:14:44.10 | -0.37 |
| LOT | 439.1 | 130 | iPn | 12:14:44.70 | 0.09 |
| KHC | 447.3 | 286 | ePn | 12:14:45.60 | -0.04 |
| | | | eSn | 15:32.00 | -2.37 |
| VOIR | 518.2 | 124 | iPn | 12:14:53.80 | -0.67 |

21.

2014-01-22 time: 12:49:48.05 UTC ML= 1.6
 lat: 48.043N lon: 19.427E h= 8.4 km
 erh= 2.4km erz= 3.2km
 nr= 10 gap= 90 rms=0.55
 Locality: Iliny
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PENC | 30.1 | 201 | ePgD | 12:49:53.30 | -0.34 |
| | | | eSg | 49:57.70 | -0.29 |
| PSZ | 37.5 | 112 | ePgC | 12:49:55.30 | 0.38 |
| | | | eSg | 50:00.20 | -0.07 |
| VYHS | 66.6 | 319 | ePg | 12:50:00.60 | 0.56 |
| | | | eSg | 50:08.60 | -0.80 |
| KECS | 92.6 | 58 | ePg | 12:50:04.70 | 0.05 |
| | | | eSg | 50:16.90 | -0.69 |
| BSZH | 104.0 | 143 | ePg | 12:49:59.20 | -7.47 |
| LANS | 123.2 | 1 | eSn | 12:50:25.30 | -0.69 |
| MODS | 164.0 | 283 | ePn | 12:50:15.70 | 1.25 |

22.

2014-01-23 time: 13:09:13.28 UTC ML= 0.0
 lat: 47.368N lon: 18.240E h= 0.7 km
 erh=10.4km erz=15.4km
 nr= 6 gap=205 rms=0.20
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 1.7 | 110 | ePgC | 13:09:13.40 | -0.20 |
| | | | eSg | 09:13.80 | -0.06 |
| PKSG | 11.7 | 77 | ePgD | 13:09:15.50 | 0.12 |
| | | | eSg | 09:17.10 | 0.09 |
| PKST | 19.7 | 232 | ePgD | 13:09:16.70 | -0.11 |
| | | | eSg | 09:20.20 | 0.65 |

23.

2014-01-23 time: 13:33:35.26 UTC ML= 0.3
 lat: 47.478N lon: 18.186E h= 0.0 km
 erh= 3.5km erz= 479km
 nr= 6 gap=277 rms=0.28
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 14.0 | 156 | ePgD | 13:33:37.30 | -0.45 |
| | | | eSg | 33:39.60 | -0.09 |
| PKSG | 18.2 | 122 | ePgD | 13:33:38.60 | 0.09 |
| | | | eSg | 33:41.60 | 0.56 |
| PKST | 26.9 | 205 | ePgD | 13:33:40.20 | 0.14 |
| | | | eSg | 33:43.80 | 0.00 |

24.

2014-01-24 time: 9:16:27.03 UTC ML= 0.9
 lat: 47.353N lon: 18.365E h= 0.0 km
 erh= 3.1km erz= 393km
 nr= 6 gap=224 rms=0.23
 Locality: Gánt
 Comments: probably explosion

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.8 | 24 | ePgC | 9:16:27.80 | -0.08 |
| | | | eSg | 16:28.60 | 0.06 |
| CSKK | 8.0 | 278 | ePgD | 9:16:28.20 | -0.26 |
| | | | eSg | 16:29.80 | 0.23 |
| PKST | 27.1 | 247 | ePgC | 9:16:32.20 | 0.33 |
| | | | eSg | 16:35.40 | -0.25 |

25.

2014-01-24 time: 9:16:40.09 UTC ML= 1.0
 lat: 47.360N lon: 18.418E h= 0.0 km
 erh= 5.5km erz= 940km
 nr= 8 gap=235 rms=0.69
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 4.1 | 330 | ePgC | 9:16:41.30 | 0.48 |
| | | | eSg | 16:41.80 | 0.41 |
| CSKK | 11.9 | 272 | ePgD | 9:16:41.60 | -0.62 |
| | | | eSg | 16:42.90 | -0.97 |
| PKST | 31.1 | 249 | ePgC | 9:16:45.30 | -0.35 |
| | | | eSg | 16:51.10 | 1.12 |
| VYHS | 129.9 | 14 | ePg | 9:17:04.30 | 1.01 |
| | | | eSg | 17:20.50 | -0.88 |

26.

2014-01-24 time: 9:31:09.27 UTC ML= 0.8
 lat: 47.312N lon: 18.384E h= 0.0 km
 erh= 2.8km erz= 774km
 nr= 8 gap=168 rms=0.56
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 8.9 | 3 | ePgC | 9:31:10.80 | -0.06 |
| | | | eSg | 31:11.50 | -0.59 |
| CSKK | 10.9 | 301 | ePgD | 9:31:11.20 | -0.03 |
| | | | eSg | 31:12.80 | 0.05 |
| PKST | 27.1 | 257 | ePgC | 9:31:13.90 | -0.22 |
| | | | eSg | 31:18.20 | 0.30 |
| PKSM | 123.9 | 171 | ePgC | 9:31:32.50 | 1.10 |
| | | | eSg | 31:47.20 | -1.45 |

27.

2014-01-24 time: 13:58:16.87 UTC ML= 0.3
 lat: 47.454N lon: 18.228E h= 0.0 km
 erh= 3.8km erz= 527km
 nr= 6 gap=265 rms=0.30
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 10.4 | 166 | ePgD | 13:58:18.40 | -0.32 |
| | | | eSg | 58:20.60 | 0.43 |
| PKSG | 14.1 | 119 | ePgD | 13:58:19.70 | 0.32 |
| | | | eSg | 58:20.90 | -0.44 |
| PKST | 26.2 | 214 | ePg | 13:58:21.60 | 0.06 |
| | | | eSg | 58:25.10 | -0.08 |

28.

2014-01-27 time: 8:19:18.95 UTC ML= 1.1
 lat: 47.110N lon: 18.077E h= 5.7 km
 erh= 1.9km erz= 9.1km
 nr= 12 gap=130 rms=0.47
 Locality: Vilonya
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 16.9 | 349 | ePgD | 8:19:21.30 | -0.83 |

Hypocenter Parameters

| | | | | | |
|------|-------|-----|-----------------|-------|--|
| | | eSg | 19:24.70 | 0.09 | |
| TIH | 27.2 | 211 | ePg 8:19:24.20 | 0.28 | |
| | | eSg | 19:28.10 | 0.30 | |
| CSKK | 31.4 | 26 | ePg 8:19:24.90 | 0.26 | |
| | | eSg | 19:30.10 | 1.02 | |
| MPLH | 41.3 | 279 | ePgD 8:19:26.50 | 0.10 | |
| | | eSg | 19:32.20 | -0.01 | |
| MORH | 108.5 | 156 | ePgD 8:19:38.80 | 0.46 | |
| | | eSg | 19:54.20 | 0.73 | |
| PKSM | 108.8 | 157 | ePgD 8:19:38.30 | -0.10 | |
| | | eSg | 19:52.80 | -0.78 | |

29.

2014-01-30 time: 8:40:49.46 UTC ML= 1.1
 lat: 47.449N lon: 18.359E h= 0.0 km
 erh= 8.1km erz= 922km
 nr= 5 gap=290 rms=0.41
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.8 | 160 | ePgC | 8:40:50.90 | 0.23 |
| | | | eSg | 40:51.50 | -0.11 |
| CSKK | 12.1 | 218 | ePgD | 8:40:51.30 | -0.32 |
| | | | eSg | 40:52.90 | -0.41 |
| PKST | 32.4 | 229 | eSg | 8:41:00.70 | 0.95 |

30.

2014-02-01 time: 2:38:30.96 UTC ML= 1.2
 lat: 47.622N lon: 16.710E h= 6.3 km
 erh= 3.6km erz= 3.6km
 nr= 16 gap=102 rms=1.15
 Locality: Nagycenk
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SOP | 13.3 | 301 | ePgD | 2:38:34.40 | 0.82 |
| | | | iSg | 38:36.60 | 0.97 |
| ZST | 70.3 | 25 | ePg | 2:38:42.80 | -0.76 |
| | | | eSg | 38:52.20 | -1.19 |
| CONA | 72.1 | 298 | Pg | 2:38:43.90 | 0.01 |
| | | | Sg | 38:52.70 | -1.27 |
| MPLH | 80.3 | 129 | eSg | 2:38:56.10 | -0.46 |
| MODS | 93.7 | 27 | ePg | 2:38:47.00 | -0.73 |
| | | | eSg | 38:59.40 | -1.41 |
| ARSA | 98.6 | 245 | Pg | 2:38:46.70 | -1.90 |
| PKSG | 129.2 | 101 | ePn | 2:38:55.30 | 2.00 |
| | | | eSn | 39:09.50 | -1.22 |
| SOKA | 164.9 | 230 | Pn | 2:38:57.00 | -0.75 |
| MOA | 185.0 | 278 | Pn | 2:39:01.90 | 1.64 |
| | | | Sn | 39:24.10 | 0.99 |
| VYHS | 185.8 | 59 | ePn | 2:39:01.80 | 1.44 |

31.

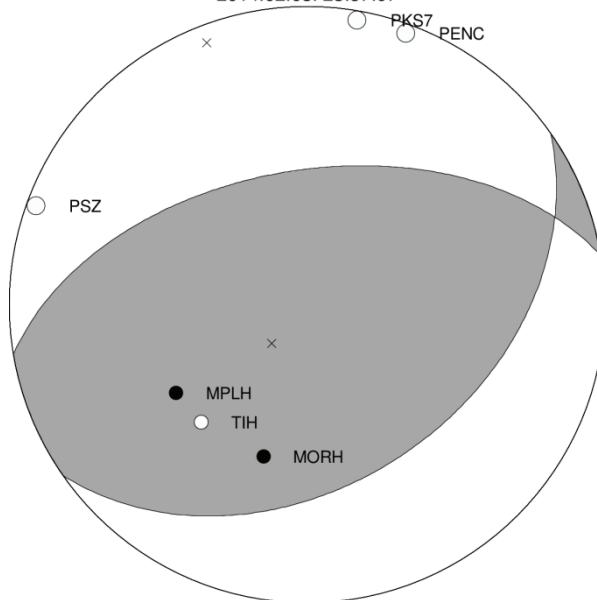
2014-02-03 time: 23:57:07.47 UTC ML= 2.0
 lat: 48.037N lon: 19.417E h= 0.1 km
 erh= 1.5km erz= 1.7km
 nr= 36 gap= 98 rms=0.77
 Locality: Iliny
 Comments: felt 4 EMS

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PENC | 29.2 | 200 | iPgD | 23:57:12.60 | -0.08 |
| | | | eSg | 57:17.00 | 0.26 |
| PSZ | 38.0 | 110 | iPgD | 23:57:14.50 | 0.24 |
| | | | eSg | 57:19.40 | -0.16 |
| VYHS | 66.7 | 320 | ePg | 23:57:19.90 | 0.52 |
| | | | eSg | 57:27.80 | -0.86 |
| BUD | 68.2 | 206 | ePg | 23:57:19.80 | 0.15 |
| | | | eSg | 57:28.60 | -0.54 |
| SRO | 86.1 | 253 | ePg | 23:57:23.10 | 0.25 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|------------------|-------|--|
| | | eSg | 57:34.20 | -0.65 | |
| KECS | 93.6 | 58 | ePg 23:57:23.50 | -0.69 | |
| | | eSg | 57:35.80 | -1.43 | |
| BSZH | 103.9 | 142 | ePg 23:57:26.10 | 0.08 | |
| | | eSg | 57:40.50 | 0.01 | |
| PKSG | 105.2 | 227 | ePg 23:57:26.40 | 0.14 | |
| PKS7 | 111.7 | 190 | ePgD 23:57:27.60 | 0.19 | |
| | | eSg | 57:42.00 | -0.97 | |
| CSKK | 114.6 | 229 | ePg 23:57:28.00 | 0.06 | |
| | | eSg | 57:43.50 | -0.41 | |
| PKST | 135.1 | 230 | ePn 23:57:30.50 | -0.84 | |
| | | eSn | 57:48.60 | -1.36 | |
| SMOL | 156.8 | 290 | ePn 23:57:35.00 | 0.95 | |
| | | eSn | 57:55.20 | 0.42 | |
| PKS6 | 160.1 | 176 | eSn 23:57:55.70 | 0.19 | |
| MODS | 163.4 | 283 | ePn 23:57:34.60 | -0.27 | |
| | | eSn | 57:54.40 | -1.83 | |
| TIH | 170.8 | 222 | ePnD 23:57:35.30 | -0.49 | |
| | | eSn | 57:59.50 | 1.63 | |
| MPLH | 170.9 | 236 | ePnC 23:57:37.30 | 1.50 | |
| | | eSn | 58:00.20 | 2.30 | |
| CRVS | 179.2 | 58 | ePn 23:57:38.20 | 1.36 | |
| | | eSn | 58:01.00 | 1.25 | |
| PKS9 | 182.7 | 208 | ePn 23:57:39.30 | 2.03 | |
| MORH | 210.7 | 196 | ePnC 23:57:39.50 | -1.27 | |
| | | eSn | 58:03.20 | -3.54 | |
| PKSM | 211.2 | 196 | ePn 23:57:39.40 | -1.43 | |
| | | eSn | 58:01.90 | -4.95 | |

2014.02.03. 23:57:07



32.

2014-02-04 time: 0:41:36.48 UTC ML= 0.2
 lat: 47.380N lon: 18.240E h= 0.0 km
 erh= 7.4km erz= 509km
 nr= 6 gap=214 rms=0.20
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 2.4 | 140 | ePg | 0:41:36.70 | -0.20 |
| | | | eSg | 41:37.00 | -0.23 |
| PKSG | 11.5 | 83 | ePgD | 0:41:38.70 | 0.18 |
| | | | eSg | 41:40.30 | 0.18 |
| PKST | 20.5 | 229 | ePgD | 0:41:40.00 | -0.14 |
| | | | eSg | 41:43.30 | 0.30 |

Földrengés paraméterek

Hypocenter Parameters

33.

2014-02-04 time: 1:56:43.10 UTC ML= 0.9
 lat: 46.417N lon: 18.533E h= 10.0 km
 erh= 0.7km erz= 3.7km
 nr= 11 gap=154 rms=0.18
 Locality: Zomba
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| MORH | 24.0 | 159 | ePg | 1:56:47.70 | | | -0.03 |
| | | | eSg | | 56:51.20 | | -0.15 |
| PKSM | 24.3 | 160 | ePgC | 1:56:47.80 | | | 0.01 |
| | | | eSg | | 56:51.20 | | -0.25 |
| PKS9 | 27.2 | 314 | ePgC | 1:56:48.40 | | | 0.14 |
| | | | eSg | | 56:52.50 | | 0.21 |
| PKS2 | 52.9 | 81 | ePg | 1:56:52.80 | | | 0.09 |
| | | | eSg | | 57:00.00 | | -0.21 |
| TIH | 72.7 | 318 | eSg | 1:57:06.10 | | | -0.31 |
| PKS6 | 81.7 | 76 | eSg | 1:57:09.60 | | | 0.33 |
| PKS7 | 84.9 | 34 | eSg | 1:57:10.10 | | | -0.18 |

34.

2014-02-04 time: 9:47:15.65 UTC ML= 0.5
 lat: 45.859N lon: 18.384E h= 0.0 km
 erh= 5.8km erz= 616km
 nr= 7 gap=261 rms=0.40
 Locality: Kisharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSV | 10.7 | 288 | ePgD | 9:47:17.60 | | | 0.04 |
| | | | eSg | | 47:18.70 | | -0.36 |
| PKSM | 44.0 | 27 | ePgD | 9:47:23.30 | | | -0.20 |
| | | | eSg | | 47:29.90 | | 0.28 |
| MORH | 44.4 | 27 | ePgC | 9:47:23.60 | | | 0.02 |
| | | | eSg | | 47:29.40 | | -0.37 |
| PKS9 | 81.3 | 354 | ePg | 9:47:31.70 | | | 1.54 |
| | | | eSg | | 47:45.70 | | 4.22 |

35.

2014-02-04 time: 16:58:58.76 UTC ML= 0.0
 lat: 47.335N lon: 18.228E h= 0.1 km
 erh= 4.7km erz= 107km
 nr= 6 gap=177 rms=0.45
 Locality: Bodajk
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| CSKK | 4.0 | 38 | ePgD | 16:58:58.90 | | | -0.57 |
| | | | eSg | | 58:59.40 | | -0.63 |
| PKSG | 13.8 | 63 | ePgC | 16:59:01.50 | | | 0.27 |
| | | | eSg | | 59:03.70 | | 0.54 |
| PKST | 16.9 | 240 | ePgD | 16:59:01.80 | | | 0.03 |
| | | | eSg | | 59:04.70 | | 0.58 |

36.

2014-02-05 time: 7:42:31.66 UTC ML= 0.8
 lat: 47.424N lon: 18.302E h= 0.0 km
 erh= 6.6km erz= 755km
 nr= 5 gap=250 rms=0.35
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| CSKK | 7.5 | 205 | ePgD | 7:42:33.40 | | | 0.40 |
| | | | eSg | | 42:34.20 | | 0.16 |
| PKSG | 7.6 | 118 | ePgD | 7:42:33.10 | | | 0.09 |
| | | | eSg | | 42:33.70 | | -0.37 |
| PKST | 27.3 | 228 | ePg | 7:42:36.00 | | | -0.54 |

37.

2014-02-05 time: 8:57:49.94 UTC ML= 1.0
 lat: 47.420N lon: 18.327E h= 0.0 km
 erh= 1.3km erz= 3.8km
 nr= 9 gap=147 rms=0.55
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 5.7 | 124 | ePgC | 8:57:51.10 | | | 0.14 |
| | | | eSg | | 57:51.80 | | 0.04 |
| CSKK | 8.1 | 218 | ePgD | 8:57:51.40 | | | 0.01 |
| | | | eSg | | 57:52.40 | | -0.12 |
| PKST | 28.5 | 231 | ePgC | 8:57:55.00 | | | -0.03 |
| | | | eSg | | 57:59.90 | | 0.90 |
| VYHS | 125.3 | 18 | ePg | 8:58:12.70 | | | 0.39 |
| | | | eSg | | 58:29.60 | | -0.16 |
| PKSM | 136.5 | 170 | ePn | 8:58:12.20 | | | -1.79 |
| | | | eSn | | 58:28.10 | | -4.65 |

38.

2014-02-05 time: 12:28:46.56 UTC ML= 1.5
 lat: 48.037N lon: 19.432E h= 0.6 km
 erh= 0.6km erz=55.9km
 nr= 6 gap=152 rms=0.14
 Locality: Iliny
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| PENC | 29.6 | 202 | ePgD | 12:28:51.80 | | | -0.05 |
| | | | eSg | | 28:55.80 | | -0.17 |
| PSZ | 36.9 | 111 | ePgD | 12:28:53.30 | | | 0.14 |
| | | | eSg | | 28:58.00 | | -0.30 |
| VYHS | 67.4 | 319 | ePg | 12:28:58.70 | | | 0.10 |
| | | | eSg | | 29:07.80 | | -0.19 |

39.

2014-02-10 time: 9:28:49.96 UTC ML= 0.8
 lat: 47.442N lon: 18.258E h= 0.0 km
 erh= 2.6km erz= 2.2km
 nr= 7 gap=260 rms=1.42
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| CSKK | 8.8 | 179 | ePgD | 9:28:52.60 | | | 1.07 |
| | | | eSg | | 28:54.00 | | 1.25 |
| PKSG | 11.4 | 119 | ePgC | 9:28:52.30 | | | 0.29 |
| | | | eSg | | 28:53.00 | | -0.60 |
| PKST | 26.5 | 220 | ePgC | 9:28:55.60 | | | 0.91 |
| PKSM | 139.9 | 168 | ePnC | 9:29:12.20 | | | -2.24 |
| | | | eSn | | 29:29.90 | | -3.62 |

40.

2014-02-10 time: 9:35:46.65 UTC ML= 1.1
 lat: 47.334N lon: 18.450E h= 0.0 km
 erh= 4.7km erz= ***km
 nr= 8 gap=208 rms=0.73
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 7.8 | 325 | ePgC | 9:35:48.50 | | | 0.45 |
| | | | eSg | | 35:49.20 | | 0.06 |
| CSKK | 14.7 | 283 | ePgD | 9:35:48.80 | | | -0.48 |
| | | | eSg | | 35:49.90 | | -1.42 |
| PKST | 32.6 | 255 | ePg | 9:35:52.20 | | | -0.26 |
| | | | eSg | | 35:58.30 | | 1.30 |
| PKSM | 125.6 | 173 | ePgC | 9:36:09.80 | | | 0.72 |
| | | | eSg | | 36:25.60 | | -0.98 |

Hypocenter Parameters

Földrengés paraméterek

41.

2014-02-11 time: 9:15:27.04 UTC ML= 2.6
 lat: 47.048N lon: 19.704E h= 10.0 km
 erh= 1.6km erz= 1.4km
 nr= 42 gap= 49 rms=0.86
 Locality: Nagykőrös
 Comments: felt 4 EMS

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSN | 20.9 | 143 | ePgC | 9:15:30.80 | -0.38 |
| | | | eSg | 15:34.40 | 0.00 |
| PKS7 | 41.2 | 270 | ePgD | 9:15:34.70 | 0.08 |
| | | | eSg | 15:40.60 | 0.07 |
| PKS6 | 50.9 | 192 | ePg | 9:15:36.10 | -0.21 |
| | | | eSg | 15:43.40 | -0.14 |
| BSZH | 51.1 | 57 | ePgD | 9:15:36.60 | 0.27 |
| | | | eSg | 15:45.40 | 1.82 |
| BUD | 70.7 | 313 | ePgD | 9:15:39.50 | -0.28 |
| | | | eSg | 15:50.00 | 0.28 |
| PKS2 | 72.3 | 211 | ePgD | 9:15:39.60 | -0.47 |
| | | | eSg | 15:50.40 | 0.17 |
| PENC | 88.5 | 339 | ePg | 9:15:43.30 | 0.36 |
| | | | eSg | 15:54.80 | -0.54 |
| PSZ | 97.8 | 8 | ePgD | 9:15:43.60 | -1.00 |
| | | | eSg | 15:56.30 | -1.99 |
| PKSG | 106.5 | 291 | eP* | 9:15:46.60 | 0.54 |
| | | | eS* | 16:00.50 | -0.39 |
| CSKK | 114.8 | 288 | ePnD | 9:15:46.90 | -0.21 |
| | | | eSn | 16:00.50 | -2.27 |
| PKS9 | 120.2 | 245 | ePn | 9:15:48.30 | 0.52 |
| | | | eSn | 16:03.80 | -0.16 |
| MORH | 123.0 | 221 | ePnD | 9:15:47.80 | -0.34 |
| | | | eSn | 16:03.30 | -1.29 |
| PKSM | 123.5 | 221 | ePnD | 9:15:47.60 | -0.60 |
| | | | eSn | 16:04.10 | -0.60 |
| PKST | 128.8 | 280 | ePnD | 9:15:49.30 | 0.45 |
| | | | eSn | 16:05.10 | -0.76 |
| TIH | 138.8 | 263 | ePnD | 9:15:51.40 | 1.30 |
| | | | eSn | 16:08.80 | 0.72 |
| MPLH | 164.8 | 275 | ePnC | 9:15:55.40 | 2.05 |
| | | | eSn | 16:18.30 | 4.43 |
| KECS | 170.0 | 20 | ePn | 9:15:55.20 | 1.21 |
| | | | eSn | 16:17.70 | 2.69 |
| PKSV | 170.4 | 221 | ePnD | 9:15:55.70 | 1.66 |
| | | | eSn | 16:16.50 | 1.39 |
| VYHS | 173.4 | 338 | ePn | 9:15:54.50 | 0.08 |
| | | | eSn | 16:15.80 | 0.03 |
| BZS | 216.8 | 137 | iPn | 9:15:59.20 | -0.63 |
| DRGR | 230.9 | 97 | iPnD | 9:16:00.70 | -0.88 |
| BEHE | 232.7 | 254 | ePn | 9:16:07.10 | 5.28 |
| | | | eSn | 16:37.90 | 8.96 |
| MODS | 234.3 | 309 | ePn | 9:16:01.10 | -0.90 |
| | | | eSn | 16:26.70 | -2.58 |
| GZR | 300.1 | 128 | iPn | 9:16:09.80 | -0.41 |
| LOT | 360.5 | 120 | iPn | 9:16:18.90 | 1.16 |

42.

2014-02-13 time: 10:10:54.11 UTC ML= 0.3
 lat: 47.367N lon: 17.942E h= 10.0 km
 erh= 9.9km erz=13.4km
 nr= 6 gap=295 rms=0.35
 Locality: Bakonyoszlop
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKST | 13.9 | 150 | ePgC | 10:10:57.20 | 0.03 |
| | | | eSg | 10:59.80 | 0.24 |
| CSKK | 24.0 | 91 | ePgC | 10:10:58.30 | -0.46 |
| | | | eSg | 11:01.90 | -0.49 |
| PKSG | 34.0 | 85 | ePgD | 10:11:00.80 | 0.36 |
| | | | eSg | 11:05.70 | 0.33 |

43.

2014-02-15 time: 22:52:00.76 UTC ML= 1.5
 lat: 47.931N lon: 16.257E h= 3.2 km
 erh= 2.1km erz= 2.2km
 nr= 29 gap= 82 rms=0.98
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CONA | 29.6 | 270 | Pg | 22:52:06.30 | 0.23 |
| | | | Sg | 52:11.10 | 0.89 |
| SOP | 35.6 | 141 | ePgC | 22:52:07.60 | 0.47 |
| | | | eSg | 52:12.20 | 0.09 |
| ZST | 69.6 | 65 | ePg | 22:52:13.00 | -0.19 |
| | | | eSg | 52:21.70 | -1.20 |
| MODS | 90.5 | 57 | ePg | 22:52:16.20 | -0.72 |
| | | | eSg | 52:28.50 | -1.04 |
| ARSA | 93.6 | 216 | Pg | 22:52:17.10 | -0.39 |
| | | | Sg | 52:28.80 | -1.73 |
| SMOL | 108.5 | 53 | ePg | 22:52:20.90 | 0.75 |
| | | | eSg | 52:34.60 | -0.67 |
| MPLH | 128.3 | 131 | ePn | 22:52:17.10 | -6.27 |
| | | | eSn | 52:41.70 | 0.68 |
| MOA | 149.2 | 267 | Pn | 22:52:25.50 | -0.48 |
| | | | Sn | 52:44.40 | -1.25 |
| PKST | 153.1 | 119 | ePn | 22:52:28.30 | 1.84 |
| | | | eSn | 52:48.00 | 1.48 |
| PKSG | 171.1 | 110 | ePn | 22:52:29.90 | 1.19 |
| | | | eSn | 52:48.60 | -1.91 |
| VYHS | 201.6 | 72 | ePn | 22:52:31.70 | -0.82 |
| | | | KHC | 238.7 | 304 |
| KBA | 239.0 | 247 | eSn | 53:04.70 | -0.81 |
| | | | Pn | 22:52:39.30 | 2.12 |
| PRU | 261.1 | 331 | Sn | 53:05.90 | 0.31 |
| | | | ePn | 22:52:41.30 | 1.37 |
| MORH | 263.1 | 136 | eSn | 53:09.90 | -0.58 |
| | | | ePn | 22:52:40.60 | 0.42 |
| PKSM | 263.3 | 137 | ePn | 22:52:39.70 | -0.50 |
| | | | eSn | 53:08.10 | -2.87 |

44.

2014-02-16 time: 22:01:21.78 UTC ML= 0.0
 lat: 47.437N lon: 18.179E h= 3.5 km
 erh= 8.7km erz=23.6km
 nr= 6 gap=258 rms=0.21
 Locality: Felsődobos
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 10.2 | 143 | ePgC | 22:01:23.50 | -0.21 |
| | | | eSg | 01:25.10 | -0.11 |
| PKSG | 16.7 | 107 | ePgC | 22:01:25.00 | 0.17 |
| | | | eSg | 01:27.30 | 0.09 |
| PKST | 22.6 | 209 | ePg | 22:01:25.70 | -0.17 |
| | | | eSg | 01:29.50 | 0.45 |

45.

2014-02-16 time: 22:02:55.10 UTC ML=-0.4
 lat: 47.373N lon: 18.236E h= 7.7 km
 erh= 8.3km erz= 1.8km
 nr= 5 gap=209 rms=0.27
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 2.1 | 119 | ePgD | 22:02:56.10 | -0.42 |
| | | | eSg | 02:57.70 | 0.07 |
| PKSG | 11.9 | 80 | ePgD | 22:02:57.70 | 0.08 |
| | | | eSg | 02:59.90 | 0.30 |
| PKST | 19.8 | 230 | eSg | 22:03:02.10 | 0.26 |

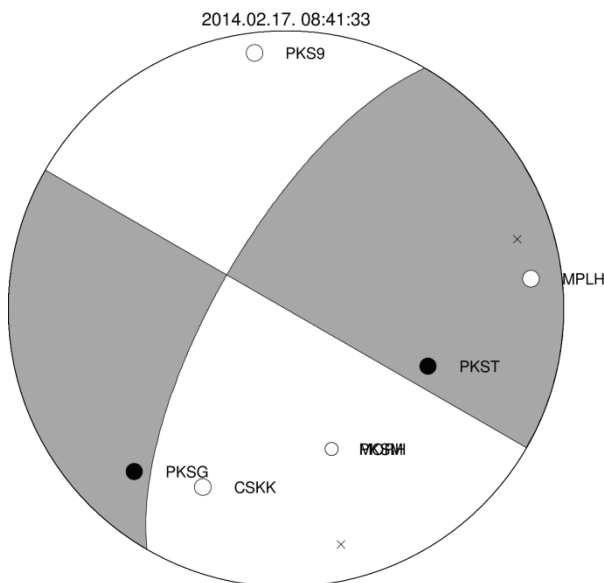
Földrengés paraméterek

Hypocenter Parameters

46.

2014-02-17 time: 8:41:33.49 UTC ML= 0.9
 lat: 47.224N lon: 18.163E h= 10.0 km
 erh= 4.1km erz= 3.7km
 nr= 13 gap=119 rms=0.81
 Locality: Bakonykúti
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 10.5 | 292 | ePgC | 8:41:35.90 | -0.18 |
| | | | eSg | 41:38.50 | 0.40 |
| CSKK | 17.2 | 25 | ePgD | 8:41:36.50 | -0.54 |
| | | | eSg | 41:38.50 | -1.31 |
| PKSG | 25.4 | 43 | ePgC | 8:41:38.70 | 0.33 |
| | | | eSg | 41:43.30 | 1.12 |
| MPLH | 47.6 | 263 | ePgD | 8:41:43.20 | 1.02 |
| PKS9 | 71.3 | 173 | ePgD | 8:41:48.40 | 2.05 |
| | | | eSg | 41:59.80 | 3.42 |
| MORH | 117.9 | 162 | ePnD | 8:41:53.70 | -0.25 |
| | | | eSn | 42:08.80 | -1.11 |
| PKSM | 118.3 | 162 | ePnD | 8:41:53.80 | -0.19 |
| | | | eSn | 42:08.10 | -1.88 |



47.

2014-02-19 time: 7:20:26.68 UTC ML= 0.8
 lat: 46.001N lon: 18.142E h= 0.0 km
 erh= 2.0km erz= 229km
 nr= 6 gap=273 rms=0.14
 Locality: Gyód
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 15.2 | 146 | ePg | 7:20:29.20 | -0.18 |
| | | | eSg | 20:31.60 | 0.10 |
| PKSM | 45.2 | 59 | ePgD | 7:20:34.90 | 0.15 |
| | | | eSg | 20:40.90 | -0.14 |
| MORH | 45.6 | 58 | ePgC | 7:20:34.90 | 0.08 |
| | | | eSg | 20:41.00 | -0.17 |

48.

2014-02-19 time: 10:13:35.52 UTC ML= 0.8
 lat: 47.254N lon: 18.144E h= 10.0 km
 erh= 2.5km erz= 2.0km
 nr= 11 gap=122 rms=0.76
 Locality: Isztimér
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKST | 8.3 | 274 | ePgD | 10:13:37.70 | -0.14 |
| | | | eSg | 13:40.00 | 0.34 |
| CSKK | 15.0 | 36 | ePgD | 10:13:38.20 | -0.54 |
| | | | eSg | 13:41.30 | 0.04 |
| PKSG | 24.2 | 50 | ePgD | 10:13:40.60 | 0.41 |
| | | | eSg | 13:44.00 | 0.17 |
| PKS9 | 74.8 | 172 | ePgD | 10:13:50.10 | 1.10 |
| | | | eSg | 14:01.80 | 2.29 |
| MORH | 121.5 | 162 | ePn | 10:13:56.10 | -0.33 |
| PKSM | 121.9 | 162 | ePnD | 10:13:55.50 | -0.97 |
| | | | eSn | 14:10.40 | -2.41 |

49.

2014-02-19 time: 15:54:24.96 UTC ML= 2.5
 lat: 48.007N lon: 19.233E h= 5.6 km
 erh= 1.4km erz= 1.4km
 nr= 49 gap= 51 rms=0.82
 Locality: Érsekvadkert
 Comments: felt 4-5 EMS

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PENC | 24.4 | 171 | ePg | 15:54:29.30 | -0.12 |
| | | | eSg | 54:32.30 | -0.61 |
| PSZ | 50.4 | 101 | ePgC | 15:54:34.00 | -0.01 |
| | | | eSg | 54:40.40 | -0.67 |
| BUD | 60.3 | 195 | ePgD | 15:54:35.60 | -0.17 |
| | | | eSg | 54:43.30 | -0.90 |
| VYHS | 61.6 | 331 | ePg | 15:54:36.70 | 0.69 |
| | | | eSg | 54:44.20 | -0.43 |
| SRO | 72.1 | 253 | ePg | 15:54:38.10 | 0.24 |
| | | | eSg | 54:47.80 | -0.13 |
| PKSG | 93.2 | 223 | ePgC | 15:54:42.10 | 0.48 |
| CSKK | 102.3 | 226 | ePgD | 15:54:43.00 | -0.25 |
| | | | eSg | 54:57.20 | -0.31 |
| PKS7 | 106.9 | 183 | ePgD | 15:54:44.30 | 0.23 |
| | | | eSg | 54:57.60 | -1.37 |
| KECS | 107.0 | 60 | ePg | 15:54:43.10 | -1.00 |
| | | | eSg | 54:56.90 | -2.13 |
| BSZH | 110.6 | 135 | ePg | 15:54:46.80 | 2.07 |
| | | | eSg | 55:00.00 | -0.15 |
| PKST | 122.6 | 227 | ePnD | 15:54:45.90 | -0.67 |
| | | | eSn | 55:03.30 | -0.12 |
| LANS | 128.3 | 8 | ePn | 15:54:48.00 | 0.72 |
| | | | eSn | 55:03.10 | -1.59 |
| PKSN | 132.4 | 159 | ePn | 15:54:49.80 | 2.02 |
| | | | eSn | 55:05.00 | -0.59 |
| SMOL | 145.3 | 293 | ePn | 15:54:49.50 | 0.10 |
| | | | eSn | 55:08.00 | -0.46 |
| MODS | 151.0 | 286 | ePn | 15:54:49.30 | -0.81 |
| | | | eSn | 55:10.50 | 0.78 |
| PKS6 | 158.5 | 171 | ePn | 15:54:51.70 | 0.66 |
| | | | eSn | 55:11.30 | -0.08 |
| TIH | 159.3 | 219 | ePn | 15:54:52.40 | 1.26 |
| | | | eSn | 55:12.40 | 0.84 |
| ZST | 160.1 | 278 | ePn | 15:54:51.90 | 0.66 |
| | | | eSn | 55:10.20 | -1.53 |
| PKS9 | 173.6 | 205 | ePn | 15:54:53.50 | 0.57 |
| | | | eSn | 55:16.10 | 1.36 |
| CRVS | 192.5 | 59 | ePn | 15:54:56.10 | 0.81 |
| | | | eSn | 55:21.40 | 2.46 |
| MORH | 204.1 | 193 | ePnD | 15:54:56.00 | -0.73 |
| | | | eSn | 55:19.20 | -2.31 |
| PKSM | 204.6 | 193 | ePnC | 15:54:56.20 | -0.59 |
| | | | eSn | 55:20.50 | -1.12 |
| OKC | 218.5 | 339 | eSn | 15:55:24.00 | -0.71 |
| PKSV | 247.1 | 198 | ePn | 15:55:02.00 | -0.09 |
| | | | eSn | 55:37.60 | 6.55 |
| KOLS | 247.3 | 65 | ePn | 15:55:02.90 | 0.79 |
| CONA | 251.9 | 268 | Pn | 15:55:03.10 | 0.41 |
| | | | Sn | 55:30.80 | -1.32 |
| ARSA | 291.3 | 253 | Sn | 15:55:39.50 | -1.35 |
| KHC | 435.7 | 287 | ePn | 15:55:25.70 | 0.10 |

Hypocenter Parameters

Földrengés paraméterek

eSn 56:11.10 -1.80
50.

2014-02-20 time: 7:12:06.83 UTC ML= 0.6
lat: 47.261N lon: 18.363E h= 10.0 km
erh= 4.8km erz= 5.3km
nr= 8 gap=120 rms=0.46
Locality: Sárkeresztos
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| CSKK | 13.7 | 326 | ePg | 7:12:09.50 | -0.36 |
| | | | eSg | 12:10.70 | -1.52 |
| PKSG | 14.7 | 8 | ePgD | 7:12:10.30 | 0.30 |
| | | | eSg | 12:12.90 | 0.43 |
| PKST | 24.9 | 269 | ePg | 7:12:11.70 | 0.09 |
| | | | eSg | 12:15.80 | 0.46 |
| TIH | 53.7 | 222 | eSg | 7:12:24.40 | 0.21 |
| PKS6 | 117.4 | 129 | eSn | 7:12:42.60 | -0.53 |

51.

2014-02-23 time: 20:34:52.57 UTC ML= 0.8
lat: 47.452N lon: 18.362E h= 13.0 km
erh= 1.9km erz= 1.0km
nr= 14 gap=145 rms=0.42
Locality: Oroszlány
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSG | 7.1 | 162 | ePgD | 20:34:55.60 | 0.38 |
| | | | eSg | 34:57.30 | 0.02 |
| CSKK | 12.5 | 218 | ePgD | 20:34:55.40 | -0.40 |
| | | | eSg | 34:57.60 | -0.72 |
| PKST | 32.8 | 229 | ePgC | 20:34:58.80 | -0.07 |
| | | | eSg | 35:03.60 | -0.19 |
| SRO | 40.3 | 355 | eSg | 20:35:05.80 | -0.23 |
| MPLH | 69.7 | 243 | ePg | 20:35:05.80 | 0.57 |
| | | | eSg | 35:15.30 | 0.20 |
| VYHS | 121.1 | 17 | Pn | 20:35:13.00 | -0.03 |
| MORH | 139.1 | 171 | ePnD | 20:35:15.60 | 0.32 |
| | | | eSn | 35:31.90 | -1.10 |
| PKSM | 139.5 | 171 | ePn | 20:35:15.70 | 0.37 |
| | | | eSn | 35:31.90 | -1.19 |

52.

2014-02-24 time: 9:29:42.05 UTC ML= 0.9
lat: 47.495N lon: 18.357E h= 0.0 km
erh= 3.5km erz= 439km
nr= 6 gap=305 rms=0.27
Locality: Vértessomló
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 11.7 | 167 | ePg | 9:29:44.50 | 0.36 |
| | | | eSg | 29:45.20 | -0.57 |
| CSKK | 16.3 | 206 | ePg | 9:29:44.90 | -0.07 |
| | | | eSg | 29:47.30 | 0.06 |
| PKST | 35.8 | 223 | ePg | 9:29:48.30 | -0.14 |
| | | | eSg | 29:53.60 | 0.18 |

53.

2014-02-24 time: 9:30:17.46 UTC ML= 0.8
lat: 47.443N lon: 18.336E h= 0.0 km
erh= 3.7km erz= 446km
nr= 6 gap=276 rms=0.27
Locality: Oroszlány
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|------|
| PKSG | 7.1 | 144 | ePgC | 9:30:19.00 | 0.28 |

| | | | | | |
|------|------|-----|------|------------|-------|
| | | | eSg | 30:19.70 | -0.01 |
| CSKK | 10.6 | 213 | ePgD | 9:30:19.30 | -0.05 |
| | | | eSg | 30:20.40 | -0.42 |
| PKST | 30.6 | 228 | ePgC | 9:30:22.70 | -0.23 |
| | | | eSg | 30:27.70 | 0.50 |

54.

2014-02-24 time: 9:37:37.60 UTC ML= 0.8
lat: 47.347N lon: 18.370E h= 4.8 km
erh= 4.9km erz= 4.6km
nr= 9 gap=153 rms=0.21
Locality: Zámoly
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 5.3 | 17 | ePg | 9:37:39.00 | 0.13 |
| | | | eSg | 37:39.60 | -0.26 |
| CSKK | 8.5 | 283 | ePgD | 9:37:39.30 | -0.04 |
| | | | eSg | 37:40.40 | -0.29 |
| PKST | 27.2 | 249 | ePgC | 9:37:42.90 | 0.37 |
| | | | eSg | 37:46.50 | 0.13 |
| MORH | 127.4 | 171 | eSn | 9:38:17.10 | -0.22 |
| PKSM | 127.8 | 171 | ePn | 9:38:00.10 | 0.13 |
| | | | eSn | 38:17.30 | -0.11 |

55.

2014-02-25 time: 12:37:50.13 UTC ML= 0.3
lat: 47.436N lon: 18.049E h= 0.0 km
erh= 1.8km erz= 222km
nr= 6 gap=278 rms=0.13
Locality: Aka
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 17.9 | 117 | ePgD | 12:37:53.40 | 0.07 |
| | | | eSg | 37:55.80 | -0.03 |
| PKST | 19.7 | 183 | ePgD | 12:37:53.50 | -0.15 |
| | | | eSg | 37:56.50 | 0.10 |
| PKSG | 26.3 | 101 | ePg | 12:37:55.00 | 0.18 |
| | | | eSg | 37:58.30 | -0.18 |

56.

2014-02-27 time: 17:41:17.71 UTC ML= 2.2
lat: 46.005N lon: 17.188E h= 30.8 km
erh= 2.3km erz= 4.7km
nr= 33 gap= 81 rms=0.77
Locality: Croatia
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BEHE | 60.7 | 328 | ePn | 17:41:28.90 | 0.09 |
| | | | eSn | 41:37.70 | 0.23 |
| PKSV | 83.6 | 99 | ePnD | 17:41:31.70 | 0.03 |
| | | | eSn | 41:42.10 | -0.45 |
| KOGS | 87.5 | 304 | iPn | 17:41:31.90 | -0.25 |
| | | | iSn | 41:43.40 | -0.02 |
| ZAG | 94.7 | 258 | Sn | 17:41:45.40 | 0.39 |
| PTJ | 96.1 | 263 | Pn | 17:41:32.80 | -0.42 |
| | | | Sn | 41:44.50 | -0.82 |
| PKS9 | 106.1 | 52 | ePnD | 17:41:34.50 | 0.03 |
| | | | eSn | 41:47.00 | -0.54 |
| TIH | 113.3 | 29 | Pn | 17:41:35.00 | -0.37 |
| PKSM | 114.7 | 78 | ePnD | 17:41:35.10 | -0.45 |
| | | | eSn | 41:48.90 | -0.56 |
| MORH | 115.0 | 78 | ePnD | 17:41:35.20 | -0.39 |
| | | | eSn | 41:49.60 | 0.07 |
| MPLH | 132.3 | 12 | ePnD | 17:41:38.60 | 0.86 |
| | | | eSn | 41:53.50 | 0.14 |
| CRES | 135.8 | 262 | ePn | 17:41:39.70 | 1.53 |
| BLY | 139.6 | 180 | Pn | 17:41:40.10 | 1.44 |
| PKST | 153.7 | 25 | ePnD | 17:41:40.20 | -0.21 |

Földrengés paraméterek

Hypocenter Parameters

eSn 41:57.10 -1.02
 CSKK 171.8 29 ePnD 17:41:44.90 2.23
 eSn 42:06.50 4.36
 PKSG 179.5 31 ePn 17:41:45.10 1.47
 eSn 42:03.70 -0.14
 SOKA 182.0 294 Pn 17:41:43.80 -0.14
 Sn 42:04.90 0.51
 ARSA 188.2 317 Pn 17:41:43.40 -1.31
 Sn 42:04.10 -1.67
 OBKA 211.0 285 Pn 17:41:48.10 0.54
 Sn 42:11.40 0.56
 CONA 236.4 335 Pn 17:41:53.30 2.58
 Sn 42:15.10 -1.37
 MOA 302.6 313 Pn 17:42:00.00 1.03
 Sn 42:30.90 -0.26

57.

2014-02-28 time: 11:46:14.67 UTC ML= 1.8
 lat: 48.646N lon: 20.741E h= 0.0 km
 erh= 3.1km erz= 3.2km
 nr= 11 gap=144 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 26.1 | 226 | ePg | 11:46:19.50 | 0.17 |
| | | | eSg | 46:23.50 | 0.53 |
| CRVS | 60.1 | 62 | ePg | 11:46:26.40 | 1.00 |
| | | | eSg | 46:32.90 | -0.88 |
| STHS | 93.3 | 23 | eSg | 11:46:44.00 | -0.32 |
| PSZ | 102.4 | 218 | ePgc | 11:46:33.00 | 0.04 |
| | | | eSg | 46:46.80 | -0.42 |
| KOLS | 117.0 | 74 | eSg | 11:46:51.80 | -0.06 |
| VYHS | 141.6 | 263 | ePn | 11:46:40.10 | 0.74 |
| | | | eSn | 46:56.70 | -1.91 |
| PENC | 144.2 | 229 | eSn | 11:46:58.20 | -1.00 |

58.

2014-03-01 time: 23:19:37.46 UTC ML= 0.0
 lat: 47.352N lon: 18.147E h= 0.4 km
 erh= 8.4km erz=67.6km
 nr= 6 gap=217 rms=0.28
 Locality: Nagyveleg
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 8.7 | 82 | ePgD | 23:19:38.70 | -0.31 |
| | | | eSg | 19:39.80 | -0.42 |
| PKST | 13.4 | 220 | ePgD | 23:19:39.80 | -0.05 |
| | | | eSg | 19:42.00 | 0.29 |
| PKSG | 18.9 | 76 | ePgD | 23:19:41.20 | 0.36 |
| | | | eSg | 19:43.60 | 0.12 |

59.

2014-03-03 time: 9:58:12.07 UTC ML= 1.2
 lat: 47.872N lon: 19.413E h= 0.0 km
 erh= 1.2km erz= 338km
 nr= 6 gap=145 rms=0.20
 Locality: Bercel
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PENC | 13.4 | 227 | ePgc | 9:58:14.30 | -0.16 |
| | | | eSg | 58:16.60 | 0.27 |
| PSZ | 36.3 | 82 | ePgD | 9:58:18.40 | -0.16 |
| | | | eSg | 58:24.00 | 0.38 |
| VYHS | 81.4 | 328 | ePg | 9:58:26.60 | 0.00 |
| | | | eSg | 58:38.00 | 0.06 |

60.

2014-03-03 time: 13:29:00.03 UTC ML= 0.9
 lat: 47.958N lon: 20.054E h= 0.0 km
 erh= 4.4km erz= 744km
 nr= 6 gap=221 rms=0.45
 Locality: Mátraderecske
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 12.8 | 250 | ePg | 13:29:02.00 | -0.31 |
| | | | eSg | 29:05.50 | 1.42 |
| KECS | 66.6 | 29 | ePg | 13:29:12.20 | 0.28 |
| | | | eSg | 29:21.20 | 0.01 |
| VYHS | 108.3 | 303 | ePg | 13:29:19.50 | 0.12 |
| | | | eSg | 29:33.80 | -0.67 |

61.

2014-03-04 time: 6:55:46.10 UTC ML= 0.7
 lat: 47.386N lon: 18.338E h= 0.0 km
 erh= 5.9km erz= 231km
 nr= 6 gap=195 rms=0.15
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.0 | 81 | ePgC | 6:55:46.80 | -0.01 |
| | | | eSg | 55:47.30 | -0.07 |
| CSKK | 6.4 | 246 | ePgD | 6:55:47.20 | -0.04 |
| | | | eSg | 55:48.30 | 0.17 |
| PKST | 27.0 | 238 | ePg | 6:55:51.10 | 0.19 |
| | | | eSg | 55:54.30 | -0.37 |

62.

2014-03-04 time: 6:56:20.87 UTC ML= 1.0
 lat: 47.476N lon: 18.391E h= 0.0 km
 erh= 8.9km erz= ***km
 nr= 6 gap=312 rms=0.62
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 9.4 | 180 | ePgC | 6:56:23.00 | 0.45 |
| | | | eSg | 56:23.60 | -0.26 |
| CSKK | 15.9 | 218 | ePgD | 6:56:23.30 | -0.42 |
| | | | eSg | 56:24.80 | -1.14 |
| PKST | 36.2 | 228 | ePgC | 6:56:27.40 | 0.07 |
| | | | eSg | 56:33.70 | 1.33 |

63.

2014-03-04 time: 6:56:41.80 UTC ML= 0.8
 lat: 47.359N lon: 18.406E h= 0.0 km
 erh= 6.2km erz= 785km
 nr= 6 gap=266 rms=0.47
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 3.9 | 343 | ePgC | 6:56:42.80 | 0.30 |
| | | | eSg | 56:43.40 | 0.36 |
| CSKK | 11.0 | 273 | ePgD | 6:56:43.20 | -0.57 |
| | | | eSg | 56:44.70 | -0.60 |
| PKST | 30.2 | 249 | ePg | 6:56:47.20 | 0.00 |
| | | | eSg | 56:52.20 | 0.79 |

Hypocenter Parameters

Földrengés paraméterek

64.

2014-03-04 time: 12:54:43.46 UTC ML= 0.3
 lat: 47.421N lon: 18.057E h= 0.0 km
 erh= 1.3km erz= 157km
 nr= 6 gap=272 rms=0.12
 Locality: Aka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 16.7 | 113 | ePg | 12:54:46.30 | -0.14 |
| | | | eSg | 54:48.60 | -0.16 |
| PKST | 18.0 | 185 | ePgD | 12:54:46.80 | 0.12 |
| | | | eSg | 54:49.10 | -0.10 |
| PKSG | 25.4 | 97 | ePg | 12:54:48.10 | 0.10 |
| | | | eSg | 54:51.60 | 0.06 |

65.

2014-03-05 time: 12:18:42.50 UTC ML= 0.4
 lat: 47.201N lon: 18.268E h= 0.0 km
 erh= 3.4km erz= 441km
 nr= 6 gap=266 rms=0.26
 Locality: Csőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 18.0 | 358 | ePgD | 12:18:45.30 | -0.42 |
| | | | eSg | 18:48.10 | -0.14 |
| PKST | 18.8 | 290 | ePgC | 12:18:46.00 | 0.14 |
| | | | eSg | 18:48.40 | -0.08 |
| PKSG | 23.2 | 24 | ePgC | 12:18:46.80 | 0.16 |
| | | | eSg | 18:50.30 | 0.43 |

66.

2014-03-06 time: 7:30:32.10 UTC ML= 0.7
 lat: 47.319N lon: 18.234E h= 0.9 km
 erh= 3.4km erz=15.9km
 nr= 6 gap=191 rms=0.44
 Locality: Bodajk
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 5.3 | 22 | ePgD | 7:30:32.60 | -0.46 |
| | | | eSg | 30:33.30 | -0.52 |
| PKSG | 14.4 | 55 | ePgD | 7:30:35.10 | 0.43 |
| | | | eSg | 30:37.50 | 0.83 |
| PKST | 16.5 | 246 | ePgD | 7:30:34.90 | -0.15 |
| | | | eSg | 30:37.50 | 0.15 |

67.

2014-03-06 time: 14:49:18.87 UTC ML= 1.4
 lat: 47.997N lon: 20.126E h= 0.9 km
 erh= 6.1km erz= 5.8km
 nr= 9 gap=217 rms=0.73
 Locality: Kisfüzes
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 19.3 | 243 | ePgD | 14:49:22.50 | 0.18 |
| | | | eSg | 49:25.90 | 0.88 |
| KECS | 60.4 | 26 | ePg | 14:49:29.30 | -0.35 |
| | | | eSg | 49:37.40 | -0.65 |
| PENC | 67.1 | 250 | ePgD | 14:49:30.40 | -0.46 |
| | | | eSg | 49:39.60 | -0.61 |
| VYHS | 110.6 | 300 | ePg | 14:49:40.10 | 1.48 |
| | | | eSg | 49:52.40 | -1.62 |
| LANS | 137.2 | 339 | eSn | 14:50:01.80 | 0.16 |

68.

2014-03-08 time: 22:44:40.62 UTC ML=-0.2
 lat: 47.370N lon: 18.194E h= 2.5 km
 erh= 7.7km erz= 7.6km
 nr= 6 gap=216 rms=0.20
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 5.1 | 99 | ePgD | 22:44:41.40 | -0.23 |
| | | | eSg | 44:42.40 | -0.01 |
| PKSG | 15.0 | 81 | ePg | 22:44:43.50 | 0.16 |
| | | | eSg | 44:45.60 | 0.14 |
| PKST | 17.3 | 224 | ePgC | 22:44:43.60 | -0.13 |
| | | | eSg | 44:46.60 | 0.43 |

69.

2014-03-09 time: 1:30:04.76 UTC ML=-0.5
 lat: 47.352N lon: 18.223E h= 5.6 km
 erh= 9.5km erz= 1.9km
 nr= 6 gap=193 rms=0.29
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 3.1 | 67 | ePgD | 1:30:05.60 | -0.31 |
| | | | eSg | 30:06.70 | -0.10 |
| PKSG | 13.4 | 71 | ePgD | 1:30:07.60 | 0.24 |
| | | | eSg | 30:09.70 | 0.32 |
| PKST | 17.6 | 234 | ePgC | 1:30:07.80 | -0.27 |
| | | | eSg | 30:11.10 | 0.45 |

70.

2014-03-09 time: 2:36:13.76 UTC ML=-0.6
 lat: 47.382N lon: 18.203E h= 0.7 km
 erh= 1.5km erz= 7.2km
 nr= 5 gap=223 rms=0.09
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 4.8 | 116 | ePg | 2:36:14.50 | -0.13 |
| | | | eSg | 36:15.30 | -0.01 |
| PKSG | 14.2 | 86 | ePg | 2:36:16.30 | 0.00 |
| | | | eSg | 36:18.40 | 0.12 |
| PKST | 18.7 | 223 | eSg | 2:36:19.80 | 0.08 |

71.

2014-03-09 time: 2:36:59.01 UTC ML=-0.1
 lat: 47.326N lon: 18.230E h= 3.1 km
 erh= 8.9km erz= 9.5km
 nr= 6 gap=184 rms=0.33
 Locality: Bodajk
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 4.7 | 29 | ePgD | 2:36:59.60 | -0.42 |
| | | | eSg | 37:00.80 | 0.00 |
| PKSG | 14.2 | 59 | ePgD | 2:37:01.70 | 0.10 |
| | | | eSg | 37:03.90 | 0.28 |
| PKST | 16.6 | 243 | ePgC | 2:37:01.90 | -0.12 |
| | | | eSg | 37:05.20 | 0.83 |

Földrengés paraméterek

Hypocenter Parameters

72.

2014-03-10 time: 8:34:18.53 UTC ML= 0.9
 lat: 47.433N lon: 18.354E h= 0.0 km
 erh= 4.9km erz= 587km
 nr= 6 gap=278 rms=0.34
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| PKSG | 5.3 | 149 | ePgC | 8:34:19.70 | | 0.22 | |
| | | | eSg | | 34:20.20 | -0.03 | |
| CSKK | 10.5 | 222 | ePgD | 8:34:20.10 | | -0.30 | |
| | | | eSg | | 34:21.40 | -0.46 | |
| PKST | 30.9 | 231 | ePg | 8:34:24.10 | | 0.04 | |
| | | | eSg | | 34:29.20 | 0.83 | |

73.

2014-03-12 time: 7:07:29.55 UTC ML= 0.5
 lat: 47.424N lon: 18.206E h= 0.0 km
 erh= 2.4km erz= 363km
 nr= 6 gap=249 rms=0.22
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| CSKK | 8.0 | 149 | ePg | 7:07:31.00 | | 0.03 | |
| | | | eSg | | 07:32.00 | -0.08 | |
| PKSG | 14.4 | 105 | ePgD | 7:07:32.30 | | 0.18 | |
| | | | eSg | | 07:34.20 | 0.07 | |
| PKST | 22.5 | 215 | ePgD | 7:07:33.20 | | -0.37 | |
| | | | eSg | | 07:37.00 | 0.29 | |

74.

2014-03-12 time: 7:53:14.16 UTC ML= 0.7
 lat: 47.466N lon: 18.378E h= 0.0 km
 erh= 8.4km erz= ***km
 nr= 6 gap=305 rms=0.60
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| PKSG | 8.3 | 173 | ePgC | 7:53:16.10 | | 0.46 | |
| | | | eSg | | 53:16.60 | -0.20 | |
| CSKK | 14.5 | 218 | ePgD | 7:53:16.50 | | -0.24 | |
| | | | eSg | | 53:17.80 | -0.96 | |
| PKST | 34.7 | 228 | ePg | 7:53:20.10 | | -0.25 | |
| | | | eSg | | 53:26.60 | 1.42 | |

75.

2014-03-12 time: 7:53:40.73 UTC ML= 0.6
 lat: 47.355N lon: 18.412E h= 0.0 km
 erh= 6.5km erz= 839km
 nr= 6 gap=271 rms=0.50
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| PKSG | 4.4 | 339 | ePgC | 7:53:41.90 | | 0.38 | |
| | | | eSg | | 53:42.40 | 0.26 | |
| CSKK | 11.5 | 275 | ePgD | 7:53:42.30 | | -0.48 | |
| | | | eSg | | 53:43.70 | -0.67 | |
| PKST | 30.5 | 250 | ePg | 7:53:46.00 | | -0.17 | |
| | | | eSg | | 53:51.40 | 0.99 | |

76.

2014-03-12 time: 7:54:50.47 UTC ML= 0.7
 lat: 47.341N lon: 18.390E h= 0.0 km
 erh= 2.0km erz= 265km
 nr= 6 gap=251 rms=0.15
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| PKSG | 5.7 | 1 | ePgC | 7:54:51.60 | | 0.12 | |
| | | | eSg | | 54:52.20 | -0.07 | |
| CSKK | 10.1 | 284 | ePgD | 7:54:52.00 | | -0.27 | |
| | | | eSg | | 54:53.80 | 0.13 | |
| PKST | 28.4 | 251 | ePg | 7:54:55.60 | | 0.06 | |
| | | | eSg | | 54:59.60 | 0.10 | |

77.

2014-03-13 time: 3:44:35.83 UTC ML= 2.2
 lat: 48.308N lon: 21.547E h= 4.6 km
 erh= 1.4km erz= 1.7km
 nr= 23 gap= 67 rms=0.55
 Locality: Sáropatak
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-------|-----|
| CRVS | 66.3 | 355 | ePg | 3:44:48.00 | | 0.29 | |
| | | | eSg | | 44:56.30 | -0.67 | |
| TRPA | 76.3 | 105 | ePgD | 3:44:49.60 | | 0.11 | |
| | | | eSg | | 44:58.90 | -1.24 | |
| KECS | 81.0 | 284 | ePg | 3:44:50.30 | | -0.02 | |
| | | | eSg | | 45:00.00 | -1.62 | |
| KOLS | 87.7 | 38 | ePg | 3:44:51.70 | | 0.18 | |
| | | | eSg | | 45:03.00 | -0.75 | |
| LTVH | 106.0 | 166 | ePgC | 3:44:55.40 | | 0.61 | |
| | | | eSg | | 45:09.40 | -0.17 | |
| STHS | 125.2 | 350 | ePn | 3:44:58.30 | | 0.41 | |
| | | | eSn | | 45:14.30 | -0.80 | |
| PSZ | 130.5 | 251 | ePn | 3:44:58.90 | | 0.35 | |
| | | | eSn | | 45:15.80 | -0.46 | |
| PENC | 178.5 | 251 | ePn | 3:45:05.20 | | 0.67 | |
| LANS | 179.4 | 301 | ePn | 3:45:05.90 | | 1.26 | |
| | | | eSn | | 45:27.60 | 0.49 | |
| DRGR | 190.0 | 153 | iPnD | 3:45:05.60 | | -0.37 | |
| VYHS | 201.8 | 276 | ePn | 3:45:07.40 | | -0.04 | |
| | | | eSn | | 45:31.10 | -0.99 | |
| PKS7 | 227.5 | 232 | ePn | 3:45:10.30 | | -0.35 | |
| CJR | 235.2 | 139 | iPnD | 3:45:11.60 | | 0.00 | |
| BURB | 284.7 | 106 | iPnD | 3:45:17.80 | | 0.03 | |
| BZS | 299.3 | 179 | iPnD | 3:45:19.80 | | 0.21* | |

78.

2014-03-14 time: 2:32:18.09 UTC ML= 0.3
 lat: 47.333N lon: 18.250E h= 10.0 km
 erh=10.8km erz= 4.2km
 nr= 6 gap=185 rms=0.37
 Locality: Bodajk
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| CSKK | 3.4 | 13 | ePgD | 2:32:19.50 | | -0.47 | |
| | | | eSg | | 32:21.20 | -0.24 | |
| PKSG | 12.5 | 59 | ePgD | 2:32:21.20 | | 0.26 | |
| | | | eSg | | 32:23.40 | 0.24 | |
| PKST | 18.3 | 243 | ePgD | 2:32:21.70 | | -0.11 | |
| | | | eSg | | 32:25.50 | 0.79 | |

Hypocenter Parameters

Földrengés paraméterek

79.

2014-03-15 time: 17:07:32.64 UTC ML= 2.1
 lat: 46.066N lon: 16.247E h= 1.9 km
 erh= 1.8km erz= 1.7km
 nr= 51 gap=134 rms=0.76
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| KOGS | 42.5 | 0 | iPg | 17:07:40.90 | | | 0.66 |
| | | | iSg | 07:46.50 | | | 0.33 |
| GOLS | 48.6 | 263 | iPg | 17:07:41.60 | | | 0.27 |
| GCIS | 52.9 | 245 | iPg | 17:07:42.00 | | | -0.09 |
| | | | iSg | 07:50.50 | | | 1.04 |
| DOBS | 60.9 | 279 | iPg | 17:07:44.10 | | | 0.58 |
| CESS | 61.6 | 260 | iPg | 17:07:43.90 | | | 0.25 |
| | | | iSg | 07:52.60 | | | 0.37 |
| CRES | 66.8 | 247 | iPg | 17:07:44.30 | | | -0.28 |
| GROS | 72.4 | 307 | iPg | 17:07:45.60 | | | 0.03 |
| | | | iSg | 07:56.10 | | | 0.45 |
| LEGS | 73.2 | 260 | iPg | 17:07:45.70 | | | -0.01 |
| PKDS | 96.7 | 270 | iPg | 17:07:49.80 | | | -0.11 |
| | | | iSg | 08:04.80 | | | 1.42 |
| BOJS | 99.4 | 231 | iPg | 17:07:49.30 | | | -1.10 |
| | | | iSg | 08:03.50 | | | -0.75 |
| PERS | 107.7 | 306 | iPg | 17:07:51.20 | | | -0.67 |
| | | | iSg | 08:06.60 | | | -0.27 |
| BISS | 107.8 | 307 | iPg | 17:07:52.10 | | | 0.20 |
| VISS | 113.0 | 255 | iPg | 17:07:52.20 | | | -0.63 |
| | | | iSg | 08:07.40 | | | -1.18 |
| SOKA | 115.6 | 306 | Pg | 17:07:52.30 | | | -0.99 |
| | | | Sg | 08:08.10 | | | -1.30 |
| VNDS | 119.7 | 272 | iPg | 17:07:53.50 | | | -0.51 |
| | | | iSg | 08:10.90 | | | 0.22 |
| GBRS | 126.6 | 242 | iPn | 17:07:55.60 | | | 0.38 |
| | | | iSn | 08:12.90 | | | 0.07 |
| OBKA | 139.9 | 291 | Pn | 17:07:57.20 | | | 0.32 |
| | | | Sn | 08:15.20 | | | -0.59 |
| GBAS | 140.6 | 264 | iPn | 17:07:56.70 | | | -0.27 |
| MOZS | 141.6 | 280 | iPn | 17:07:56.50 | | | -0.60 |
| ARSA | 142.9 | 337 | Pn | 17:07:57.30 | | | 0.04 |
| | | | Sn | 08:14.50 | | | -1.96 |
| CEY | 145.9 | 256 | iPn | 17:07:58.30 | | | 0.67 |
| CRNS | 153.7 | 271 | iPn | 17:07:58.40 | | | -0.20 |
| PKSV | 156.6 | 97 | ePn | 17:07:57.40 | | | -1.57 |
| | | | eSn | 08:14.00 | | | -5.50* |
| JAVS | 170.3 | 264 | iPn | 17:08:01.40 | | | 0.73 |
| VOJS | 182.7 | 269 | iPn | 17:08:03.40 | | | 1.18 |
| SKDS | 182.9 | 252 | iPn | 17:08:03.20 | | | 0.95 |
| PKSM | 185.7 | 85 | ePnD | 17:07:59.90 | | | -2.69 |
| | | | eSn | 08:27.10 | | | 1.14 |
| MORH | 185.9 | 85 | ePnC | 17:07:59.90 | | | -2.73 |
| | | | eSn | 08:26.40 | | | 0.39 |
| CADS | 194.8 | 275 | iPn | 17:08:05.10 | | | 1.37 |
| CONA | 209.1 | 352 | Pn | 17:08:05.00 | | | -0.52 |
| | | | Sn | 08:33.60 | | | 2.44 |
| MYKA | 210.2 | 287 | Pn | 17:08:07.10 | | | 1.45 |
| | | | Sn | 08:36.00 | | | 4.61* |
| MOA | 249.1 | 323 | Pn | 17:08:11.60 | | | 1.09 |
| | | | Sn | 08:37.70 | | | -2.34 |
| MODS | 268.2 | 17 | ePn | 17:08:11.80 | | | -1.08 |
| | | | eSn | 08:38.80 | | | -5.47* |
| ABTA | 297.0 | 285 | Pn | 17:08:18.60 | | | 2.12 |
| | | | Sn | 09:04.60 | | | 13.93* |
| VYHS | 333.5 | 36 | ePn | 17:08:19.10 | | | -1.93* |
| | | | eSn | 08:53.30 | | | -5.47* |
| KHC | 395.5 | 330 | ePn | 17:08:29.30 | | | 0.54* |
| | | | eSn | 09:11.10 | | | -1.43* |

80.

2014-03-17 time: 7:22:22.87 UTC ML= 1.6
 lat: 47.903N lon: 19.144E h= 0.1 km
 erh= 4.7km erz= 852km
 nr= 6 gap=200 rms=0.46
 Locality: Rétság
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PENC | 16.2 | 140 | ePgC | 7:22:25.60 | | | -0.16 |
| | | | eSg | 22:27.20 | | | -0.82 |
| PSZ | 56.1 | 88 | ePgD | 7:22:33.30 | | | 0.40 |
| | | | eSg | 22:39.90 | | | -0.82 |
| VYHS | 69.6 | 341 | ePg | 7:22:35.70 | | | 0.40 |
| | | | eSg | 22:44.30 | | | -0.70 |

81.

2014-03-18 time: 7:45:45.46 UTC ML= 0.8
 lat: 47.635N lon: 18.394E h= 0.0 km
 erh= 4.6km erz= 572km
 nr= 8 gap=166 rms=0.41
 Locality: Baj
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 27.0 | 181 | ePg | 7:45:50.00 | | | -0.29 |
| | | | eSg | 45:54.30 | | | 0.25 |
| CSKK | 31.9 | 198 | ePgD | 7:45:50.60 | | | -0.55 |
| | | | eSg | 45:56.40 | | | 0.81 |
| PKST | 49.8 | 213 | ePgD | 7:45:54.40 | | | 0.04 |
| | | | eSg | 46:01.50 | | | 0.19 |
| VYHS | 101.0 | 19 | ePg | 7:46:03.50 | | | 0.00 |
| | | | eSg | 46:18.20 | | | 0.62 |

82.

2014-03-18 time: 7:46:55.96 UTC ML= 0.8
 lat: 47.340N lon: 18.472E h= 0.0 km
 erh= 7.7km erz= 963km
 nr= 6 gap=302 rms=0.58
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSG | 8.5 | 313 | ePgC | 7:46:58.10 | | | 0.63 |
| | | | eSg | 46:58.60 | | | -0.05 |
| CSKK | 16.2 | 279 | ePgD | 7:46:58.40 | | | -0.46 |
| | | | eSg | 47:00.10 | | | -1.02 |
| PKST | 34.3 | 255 | ePg | 7:47:02.00 | | | -0.09 |
| | | | eSg | 47:07.70 | | | 0.83 |

83.

2014-03-18 time: 7:51:29.09 UTC ML= 0.8
 lat: 47.339N lon: 18.461E h= 0.0 km
 erh= 7.0km erz= 878km
 nr= 6 gap=297 rms=0.53
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSG | 7.9 | 318 | ePgC | 7:51:31.10 | | | 0.60 |
| | | | eSg | 51:31.60 | | | 0.00 |
| CSKK | 15.4 | 280 | ePgC | 7:51:31.40 | | | -0.44 |
| | | | eSg | 51:33.00 | | | -0.99 |
| PKST | 33.5 | 255 | ePgC | 7:51:35.00 | | | -0.07 |
| | | | eSg | 51:40.50 | | | 0.76 |

Földrengés paraméterek

Hypocenter Parameters

84.

2014-03-18 time: 7:51:45.70 UTC ML= 0.5
 lat: 47.431N lon: 18.316E h= 0.0 km
 erh= 0.8km erz=85.3km
 nr= 5 gap=260 rms=0.04
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.1 | 128 | ePgC | 7:51:47.00 | 0.04 |
| | | | eSg | 51:47.90 | -0.05 |
| CSKK | 8.6 | 209 | ePgC | 7:51:47.20 | -0.04 |
| | | | eSg | 51:48.50 | 0.06 |
| PKST | 28.6 | 228 | ePgC | 7:51:50.80 | -0.01 |

85.

2014-03-18 time: 11:21:20.38 UTC ML= 0.5
 lat: 47.445N lon: 17.998E h= 0.0 km
 erh= 6.2km erz= 803km
 nr= 6 gap=289 rms=0.46
 Locality: Ácstesztér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKST | 20.8 | 172 | ePg | 11:21:23.90 | -0.20 |
| | | | eSg | 21:27.00 | -0.01 |
| CSKK | 21.8 | 115 | ePg | 11:21:24.40 | 0.13 |
| | | | eSg | 21:27.90 | 0.60 |
| PKSG | 30.2 | 101 | ePg | 11:21:26.00 | 0.23 |
| | | | eSg | 21:28.70 | -1.28 |

86.

2014-03-19 time: 13:21:37.04 UTC ML= 2.6
 lat: 45.931N lon: 20.699E h= 5.2 km
 erh= 1.9km erz= 1.7km
 nr= 24 gap=118 rms=0.52
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| TIM | 45.9 | 118 | iPg | 13:21:45.30 | 0.01 |
| BANR | 69.8 | 151 | iPg | 13:21:50.20 | 0.66 |
| BZS | 79.5 | 116 | iPgD | 13:21:50.60 | -0.66 |
| SIRR | 83.2 | 63 | iPg | 13:21:51.70 | -0.22 |
| PKS6 | 114.8 | 310 | ePgD | 13:21:57.90 | 0.34 |
| | | | eSg | 22:14.90 | 1.33 |
| PKS2 | 130.5 | 299 | ePnC | 13:21:59.60 | -0.09 |
| | | | eSn | 22:18.00 | 0.65 |
| MDVR | 150.4 | 148 | iPnD | 13:22:02.30 | 0.14 |
| MORH | 162.1 | 281 | ePnC | 13:22:02.80 | -0.82 |
| | | | eSn | 22:24.60 | 0.24 |
| PKSM | 162.2 | 281 | ePnD | 13:22:02.90 | -0.74 |
| | | | eSn | 22:25.00 | 0.61 |
| DEV | 171.1 | 92 | iPn | 13:22:04.90 | 0.16 |
| GZR | 172.6 | 110 | iPn | 13:22:04.50 | -0.43 |
| DRGR | 182.0 | 58 | iPn | 13:22:05.70 | -0.40 |
| PKSV | 189.9 | 269 | ePn | 13:22:06.40 | -0.69 |
| | | | eSn | 22:28.70 | -1.83* |
| PSZ | 229.3 | 344 | iPnD | 13:22:12.20 | 0.20 |
| CJR | 239.6 | 69 | iPn | 13:22:14.20 | 0.91 |
| LOT | 245.1 | 103 | iPnD | 13:22:15.10 | 1.13 |
| PKST | 252.0 | 306 | ePnD | 13:22:14.90 | 0.07 |
| MPLH | 278.8 | 300 | ePnC | 13:22:18.70 | 0.53 |
| TRPA | 281.7 | 30 | iPn | 13:22:19.10 | 0.57 |
| BLY | 305.3 | 245 | iPn | 13:22:22.00 | 0.53* |
| ARCR | 308.5 | 65 | iPnD | 13:22:31.20 | 9.33* |
| ARR | 313.0 | 102 | iPnD | 13:22:23.00 | 0.56* |
| VYHS | 318.0 | 334 | ePn | 13:22:23.00 | -0.06* |
| VOIR | 343.3 | 99 | iPnD | 13:22:26.60 | 0.38* |
| MODS | 375.6 | 316 | ePn | 13:22:29.40 | -0.85* |
| BURB | 392.6 | 62 | iPnD | 13:22:32.80 | 0.44* |

87.

2014-03-20 time: 15:48:27.70 UTC ML= 1.3
 lat: 47.158N lon: 17.737E h= 0.0 km
 erh= 2.3km erz= 259km
 nr= 6 gap=263 rms=0.15
 Locality: Herend
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKST | 25.2 | 64 | ePg | 15:48:32.30 | 0.10 |
| | | | eSg | 48:35.70 | 0.00 |
| TIH | 31.1 | 158 | eSg | 15:48:37.60 | 0.02 |
| CSKK | 45.7 | 60 | ePgD | 15:48:35.80 | -0.07 |
| | | | eSg | 48:41.90 | -0.33 |
| PKSG | 55.9 | 62 | eSg | 15:48:45.70 | 0.24 |

88.

2014-03-21 time: 9:16:34.37 UTC ML= 0.9
 lat: 47.499N lon: 18.317E h= 0.0 km
 erh= 5.1km erz= 653km
 nr= 6 gap=296 rms=0.39
 Locality: Kecskéd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 13.1 | 155 | ePgC | 9:16:37.00 | 0.28 |
| | | | eSg | 16:37.70 | -0.85 |
| CSKK | 15.7 | 196 | ePg | 9:16:37.40 | 0.23 |
| | | | eSg | 16:39.50 | 0.14 |
| PKST | 34.2 | 219 | ePgC | 9:16:40.10 | -0.37 |
| | | | eSg | 16:45.60 | 0.37 |

89.

2014-03-21 time: 11:05:52.24 UTC ML= 0.3
 lat: 47.453N lon: 18.059E h= 0.0 km
 erh= 5.3km erz= 695km
 nr= 5 gap=280 rms=0.31
 Locality: Bakonysárkány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 18.2 | 123 | eSg | 11:05:58.10 | 0.09 |
| PKST | 21.6 | 185 | ePg | 11:05:55.70 | -0.40 |
| | | | eSg | 05:59.30 | 0.19 |
| PKSG | 25.9 | 105 | ePgD | 11:05:57.20 | 0.33 |
| | | | eSg | 06:00.10 | -0.38 |

90.

2014-03-22 time: 9:24:36.52 UTC ML= 1.0
 lat: 48.025N lon: 19.624E h= 0.0 km
 erh= 1.1km erz= 256km
 nr= 6 gap=169 rms=0.16
 Locality: Nagylóc
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 23.5 | 120 | ePgC | 9:24:40.70 | -0.01 |
| | | | eSg | 24:43.70 | -0.27 |
| PENC | 36.5 | 224 | ePg | 9:24:43.00 | -0.04 |
| | | | eSg | 24:48.20 | 0.07 |
| VYHS | 78.3 | 312 | ePg | 9:24:50.70 | 0.19 |
| | | | eSg | 25:00.90 | -0.52 |

Hypocenter Parameters

Földrengés paraméterek

91.

2014-03-24 time: 8:33:08.21 UTC ML= 1.1
 lat: 47.332N lon: 18.480E h= 0.0 km
 erh= 8.4km erz= ***km
 nr= 6 gap=302 rms=0.63
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 9.5 | 315 | ePgC | 8:33:10.40 | 0.49 |
| | | | eSg | 33:11.10 | -0.13 |
| CSKK | 17.0 | 282 | ePgD | 8:33:10.80 | -0.44 |
| | | | eSg | 33:12.30 | -1.31 |
| PKST | 34.7 | 257 | ePg | 8:33:14.50 | 0.10 |
| | | | eSg | 33:20.30 | 1.06 |

92.

2014-03-25 time: 11:53:25.65 UTC ML= 1.2
 lat: 47.665N lon: 17.983E h= 10.0 km
 erh= 2.3km erz= 2.5km
 nr= 22 gap=101 rms=0.91
 Locality: Bábolna
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 39.5 | 148 | eSg | 11:53:37.60 | -1.00 |
| PKSG | 43.2 | 135 | ePg | 11:53:34.30 | 0.74 |
| | | | eSg | 53:40.90 | 1.17 |
| PKST | 45.3 | 175 | ePg | 11:53:33.90 | -0.03 |
| | | | eSg | 53:39.70 | -0.68 |
| MPLH | 64.4 | 211 | ePg | 11:53:36.70 | -0.58 |
| | | | eSg | 53:46.00 | -0.35 |
| ZST | 88.4 | 312 | ePg | 11:53:41.90 | 0.36 |
| | | | eSg | 53:53.70 | -0.24 |
| MODS | 94.8 | 326 | ePg | 11:53:42.90 | 0.23 |
| | | | eSg | 53:55.70 | -0.25 |
| PENC | 98.4 | 82 | ePg | 11:53:39.90 | -3.41 |
| | | | eSg | 53:58.00 | 0.91 |
| SMOL | 103.1 | 336 | eP* | 11:53:46.10 | 1.97 |
| | | | eS* | 53:57.70 | -0.85 |
| VYHS | 112.0 | 35 | ePn | 11:53:45.20 | -0.17 |
| | | | eSn | 53:59.40 | -1.35 |
| PSZ | 146.0 | 79 | ePn | 11:53:50.20 | 0.60 |
| | | | eSn | 54:08.80 | 0.51 |
| MORH | 168.8 | 163 | ePnC | 11:53:52.10 | -0.34 |
| PKSM | 169.1 | 163 | ePn | 11:53:52.20 | -0.29 |
| | | | eSn | 54:14.50 | 1.07 |

93.

2014-03-25 time: 13:02:04.88 UTC ML= 0.4
 lat: 47.425N lon: 18.042E h= 0.0 km
 erh= 0.9km erz= 113km
 nr= 6 gap=276 rms=0.07
 Locality: Aka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 17.8 | 113 | ePgD | 13:02:08.00 | -0.07 |
| | | | eSg | 02:10.60 | 0.04 |
| PKST | 18.5 | 182 | ePg | 13:02:08.20 | 0.01 |
| | | | eSg | 02:10.80 | 0.04 |
| PKSG | 26.5 | 98 | ePgD | 13:02:09.70 | 0.08 |
| | | | eSg | 02:13.20 | -0.12 |

94.

2014-03-26 time: 2:47:39.07 UTC ML=-0.2
 lat: 47.374N lon: 18.205E h= 0.1 km
 erh= 4.9km erz= 145km
 nr= 6 gap=217 rms=0.49
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 4.4 | 107 | ePgC | 2:47:39.30 | -0.55 |
| | | | eSg | 47:39.60 | -0.85 |
| PKSG | 14.1 | 82 | ePg | 2:47:42.00 | 0.41 |
| | | | eSg | 47:43.90 | 0.34 |
| PKST | 18.2 | 225 | ePg | 2:47:42.60 | 0.28 |
| | | | eSg | 47:45.30 | 0.45 |

95.

2014-03-26 time: 8:40:00.81 UTC ML= 1.0
 lat: 47.335N lon: 18.423E h= 0.0 km
 erh= 5.0km erz= 661km
 nr= 6 gap=275 rms=0.39
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.8 | 339 | ePgC | 8:40:02.40 | 0.38 |
| | | | eSg | 40:02.90 | -0.06 |
| CSKK | 12.7 | 284 | ePgD | 8:40:02.70 | -0.38 |
| | | | eSg | 40:04.40 | -0.45 |
| PKST | 30.6 | 254 | ePgC | 8:40:06.20 | -0.08 |
| | | | eSg | 40:11.40 | 0.85 |

96.

2014-03-26 time: 8:43:45.89 UTC ML= 1.2
 lat: 47.332N lon: 18.428E h= 0.0 km
 erh= 7.1km erz= 920km
 nr= 6 gap=278 rms=0.57
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.3 | 337 | ePgC | 8:43:47.70 | 0.51 |
| | | | eSg | 43:48.20 | 0.00 |
| CSKK | 13.2 | 286 | ePgD | 8:43:47.90 | -0.34 |
| | | | eSg | 43:49.00 | -1.07 |
| PKST | 30.9 | 255 | ePg | 8:43:51.20 | -0.20 |
| | | | eSg | 43:56.70 | 1.00 |

97.

2014-03-26 time: 8:43:57.27 UTC ML= 1.2
 lat: 47.529N lon: 18.327E h= 0.0 km
 erh= 5.5km erz= 676km
 nr= 6 gap=306 rms=0.61
 Locality: Kecskéd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 16.0 | 163 | ePgC | 8:44:00.40 | 0.28 |
| | | | eSg | 44:01.60 | -0.75 |
| CSKK | 19.1 | 195 | ePgC | 8:44:00.60 | -0.08 |
| | | | eSg | 44:01.90 | -1.45 |
| PKST | 37.3 | 216 | ePg | 8:44:04.50 | 0.57 |
| | | | eSg | 44:09.70 | 0.57 |

Földrengés paraméterek

Hypocenter Parameters

98.

2014-03-26 time: 12:49:55.04 UTC ML= 0.2
 lat: 47.435N lon: 18.064E h= 0.0 km
 erh= 6.1km erz= 724km
 nr= 5 gap=274 rms=0.33
 Locality: Aka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 16.8 | 118 | ePg | 12:49:57.70 | -0.34 |
| | | | eSg | 50:00.20 | -0.18 |
| PKST | 19.7 | 187 | ePgc | 12:49:58.40 | -0.15 |
| | | | eSg | 50:01.50 | 0.21 |
| PKSG | 25.1 | 101 | ePg | 12:50:00.10 | 0.58 |

99.

2014-03-27 time: 12:31:18.90 UTC ML= 0.3
 lat: 47.454N lon: 18.049E h= 0.0 km
 erh= 2.6km erz= 333km
 nr= 6 gap=282 rms=0.20
 Locality: Vérteskehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 18.9 | 122 | ePgD | 12:31:22.10 | -0.17 |
| | | | eSg | 31:25.00 | 0.10 |
| PKST | 21.8 | 183 | ePgc | 12:31:22.60 | -0.19 |
| | | | eSg | 31:25.90 | 0.08 |
| PKSG | 26.7 | 105 | ePgc | 12:31:24.00 | 0.34 |
| | | | eSg | 31:27.30 | -0.08 |

100.

2014-03-27 time: 20:39:43.00 UTC ML=-0.2
 lat: 47.363N lon: 18.211E h= 0.8 km
 erh= 9.8km erz=17.6km
 nr= 6 gap=208 rms=0.28
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 3.8 | 90 | ePgc | 20:39:43.40 | -0.29 |
| | | | eSg | 39:44.00 | -0.22 |
| PKSG | 14.0 | 77 | ePgD | 20:39:45.70 | 0.20 |
| | | | eSg | 39:47.70 | 0.25 |
| PKST | 17.6 | 229 | ePgc | 20:39:46.00 | -0.16 |
| | | | eSg | 39:49.20 | 0.59 |

101.

2014-03-29 time: 4:27:11.64 UTC ML= 1.5
 lat: 48.681N lon: 20.186E h= 0.4 km
 erh= 4.3km erz= 392km
 nr= 6 gap=237 rms=0.67
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 31.2 | 135 | ePg | 4:27:17.20 | -0.02 |
| | | | eSg | 27:20.50 | -1.06 |
| PSZ | 87.6 | 194 | ePg | 4:27:27.50 | 0.22 |
| | | | eSg | 27:39.80 | 0.33 |
| VYHS | 101.8 | 258 | ePg | 4:27:30.70 | 0.88 |
| | | | eSg | 27:43.00 | -0.99 |

102.

2014-03-31 time: 2:08:41.22 UTC ML= 1.7
 lat: 47.948N lon: 16.415E h= 6.3 km
 erh= 1.6km erz= 1.5km
 nr= 39 gap= 57 rms=0.83
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| SOP | 31.4 | 160 | ePgD | 2:08:47.60 | 0.66 |
| | | | eSg | 08:51.20 | -0.19 |
| CONA | 41.4 | 267 | Pg | 2:08:49.00 | 0.30 |
| | | | Sg | 08:54.40 | -0.13 |
| ZST | 58.2 | 62 | ePg | 2:08:51.20 | -0.48 |
| | | | eSg | 08:58.90 | -0.94 |
| MODS | 79.7 | 54 | ePg | 2:08:54.70 | -0.81 |
| | | | eSg | 09:05.60 | -1.05 |
| SMOL | 98.1 | 50 | ePg | 2:08:59.10 | 0.31 |
| | | | eSg | 09:12.10 | -0.38 |
| ARSA | 102.5 | 221 | Pg | 2:08:59.00 | -0.57 |
| | | | Sg | 09:10.90 | -2.98 |
| MPLH | 121.0 | 136 | ePnD | 2:09:03.80 | 1.26 |
| | | | eSn | 09:18.80 | -0.37 |
| PKST | 143.9 | 122 | ePn | 2:09:05.70 | 0.31 |
| | | | eSn | 09:22.00 | -2.24 |
| CSKK | 153.2 | 115 | ePn | 2:09:06.40 | -0.15 |
| | | | ePnD | 2:09:08.40 | 0.90 |
| PKSG | 160.8 | 113 | ePnD | 2:09:08.40 | 0.90 |
| | | | Pn | 2:09:08.10 | 0.57 |
| MOA | 161.0 | 266 | Sg | 09:27.70 | -0.34 |
| | | | ePn | 2:09:11.00 | 3.44 |
| TIH | 161.3 | 136 | ePn | 2:09:11.00 | 3.44 |
| | | | ePn | 2:09:09.00 | 1.03 |
| TREC | 164.6 | 335 | ePn | 2:09:09.00 | 1.03 |
| | | | eSn | 09:27.40 | -1.44 |
| SOKA | 175.7 | 216 | Pn | 2:09:09.70 | 0.35 |
| | | | Sg | 09:30.40 | -0.89 |
| VYHS | 189.9 | 71 | ePn | 2:09:10.70 | -0.43 |
| | | | eSn | 09:33.50 | -0.95 |
| OBKA | 213.5 | 221 | Pn | 2:09:13.90 | -0.16 |
| | | | Sg | 09:38.80 | -0.88 |
| KRLC | 238.1 | 6 | ePn | 2:09:17.40 | 0.27 |
| | | | ePn | 2:09:20.90 | 2.61 |
| KHC | 247.3 | 302 | eSn | 09:50.40 | 3.20 |
| | | | Pn | 2:09:18.80 | 0.10 |
| KBA | 250.7 | 247 | Sg | 09:47.60 | -0.33 |
| | | | ePn | 2:09:19.20 | -0.22 |
| MORH | 256.4 | 139 | eSn | 09:45.80 | -3.42* |
| | | | ePn | 2:09:19.10 | -0.35 |
| PKSM | 256.6 | 139 | ePn | 2:09:19.10 | -0.35 |
| | | | ePn | 2:09:24.30 | 3.80 |
| PRU | 265.1 | 329 | eSn | 09:55.60 | 4.46* |
| | | | ePn | 2:09:21.10 | 0.19 |
| PKSV | 268.4 | 149 | ePn | 2:09:21.10 | 0.19 |

103.

2014-03-31 time: 10:19:43.59 UTC ML= 1.0
 lat: 47.486N lon: 17.945E h= 0.0 km
 erh= 7.7km erz= ***km
 nr= 6 gap=259 rms=0.65
 Locality: Bakonyszombathely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKST | 26.1 | 165 | ePgD | 10:19:49.00 | 0.75 |
| | | | eSg | 19:51.90 | 0.02 |
| CSKK | 27.4 | 120 | ePgD | 10:19:48.70 | 0.22 |
| | | | eSg | 19:50.90 | -1.40 |
| MPLH | 46.6 | 221 | ePg | 10:19:51.20 | -0.71 |
| | | | eSg | 19:58.60 | 0.20 |

Hypocenter Parameters

Földrengés paraméterek

104.

2014-04-01 time: 6:40:05.48 UTC ML= 0.6
 lat: 46.020N lon: 18.110E h= 0.0 km
 erh= 1.4km erz= 168km
 nr= 6 gap=279 rms=0.10
 Locality: Zók
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 18.4 | 143 | ePg | 6:40:08.60 | -0.15 |
| | | | eSg | 40:11.40 | 0.09 |
| PKSM | 46.3 | 63 | ePg | 6:40:13.80 | 0.06 |
| | | | eSg | 40:20.20 | 0.01 |
| MORH | 46.7 | 62 | ePgD | 6:40:13.90 | 0.08 |
| | | | eSg | 40:20.20 | -0.12 |

105.

2014-04-01 time: 9:00:08.04 UTC ML= 2.3
 lat: 48.837N lon: 20.425E h= 1.0 km
 erh= 7.2km erz= 4.9km
 nr= 8 gap=282 rms=0.88
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 39.6 | 173 | ePg | 9:00:14.30 | -0.81 |
| | | | eSg | 00:20.20 | -0.43 |
| PSZ | 109.4 | 201 | ePg | 9:00:28.20 | 0.62 |
| | | | eSg | 00:42.50 | -0.32 |
| VYHS | 123.1 | 252 | ePg | 9:00:29.60 | -0.42 |
| | | | eSg | 00:44.20 | -2.96 |
| PENC | 144.0 | 216 | ePn | 9:00:34.10 | 1.21 |
| | | | eSn | 00:53.30 | 1.02 |

106.

2014-04-01 time: 9:03:20.07 UTC ML= 1.0
 lat: 47.578N lon: 18.351E h= 10.0 km
 erh= 6.7km erz= 8.4km
 nr= 8 gap=152 rms=0.28
 Locality: Környe
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| PKSG | 20.9 | 172 | ePgD | 9:03:24.40 | 0.20 |
| | | | eSg | 03:27.40 | -0.03 |
| CSKK | 24.8 | 196 | ePgC | 9:03:24.40 | -0.44 |
| | | | eSg | 03:28.40 | -0.17 |
| PKST | 42.7 | 214 | ePg | 9:03:27.80 | -0.10 |
| | | | eSg | 03:34.50 | 0.48 |
| VYHS | 108.1 | 20 | ePn | 9:03:39.60 | 0.30 |
| | | | eSn | 03:52.10 | -2.21* |
| MODS | 119.4 | 318 | eSn | 9:03:56.90 | 0.09 |

107.

2014-04-02 time: 7:31:42.31 UTC ML= 0.5
 lat: 47.455N lon: 18.248E h= 0.0 km
 erh= 5.5km erz= 765km
 nr= 6 gap=267 rms=0.45
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 10.3 | 175 | ePgC | 7:31:44.80 | 0.65 |
| | | | eSg | 31:45.70 | 0.12 |
| PKSG | 12.9 | 123 | ePgC | 7:31:44.60 | -0.01 |
| | | | eSg | 31:45.30 | -1.11 |
| PKST | 27.1 | 216 | ePgC | 7:31:46.90 | -0.26 |
| | | | eSg | 31:50.90 | -0.04 |

108.

2014-04-02 time: 7:31:56.11 UTC ML= 0.6
 lat: 47.454N lon: 18.292E h= 0.0 km
 erh= 9.8km erz= ***km
 nr= 5 gap=271 rms=0.49
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 10.2 | 133 | ePgC | 7:31:58.00 | 0.08 |
| | | | eSg | 31:58.60 | -0.74 |
| CSKK | 10.4 | 193 | ePgD | 7:31:58.30 | 0.34 |
| | | | eSg | 32:00.00 | 0.59 |
| PKST | 29.2 | 222 | eSg | 7:32:04.60 | -0.78 |

109.

2014-04-02 time: 7:34:43.13 UTC ML= 0.5
 lat: 47.419N lon: 18.301E h= 0.0 km
 erh= 4.5km erz= 552km
 nr= 6 gap=246 rms=0.33
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 7.0 | 206 | ePg | 7:34:44.80 | 0.43 |
| | | | eSg | 34:45.70 | 0.36 |
| PKSG | 7.4 | 114 | ePg | 7:34:44.50 | 0.05 |
| | | | eSg | 34:45.10 | -0.38 |
| PKST | 26.9 | 229 | ePg | 7:34:47.80 | -0.14 |
| | | | eSg | 34:51.20 | -0.49 |

110.

2014-04-02 time: 7:35:04.29 UTC ML= 0.7
 lat: 47.340N lon: 18.403E h= 0.0 km
 erh= 6.9km erz= 942km
 nr= 6 gap=261 rms=0.58
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.8 | 351 | ePg | 7:35:05.70 | 0.38 |
| | | | eSg | 35:06.20 | 0.07 |
| CSKK | 11.0 | 283 | ePg | 7:35:06.00 | -0.26 |
| | | | eSg | 35:06.80 | -0.99 |
| PKST | 29.3 | 252 | ePg | 7:35:09.30 | -0.22 |
| | | | eSg | 35:14.80 | 1.21 |

111.

2014-04-02 time: 7:35:37.68 UTC ML= 0.8
 lat: 47.454N lon: 18.353E h= 0.0 km
 erh= 6.8km erz= 870km
 nr= 6 gap=289 rms=0.52
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.4 | 157 | ePg | 7:35:39.30 | 0.29 |
| | | | eSg | 35:39.90 | -0.15 |
| CSKK | 12.2 | 215 | ePg | 7:35:39.60 | -0.26 |
| | | | eSg | 35:40.60 | -0.96 |
| PKST | 32.3 | 228 | ePg | 7:35:43.50 | 0.05 |
| | | | eSg | 35:49.00 | 1.04 |

Földrengés paraméterek

Hypocenter Parameters

112.

2014-04-04 time: 10:15:27.08 UTC ML= 0.4
 lat: 47.433N lon: 18.077E h= 0.0 km
 erh= 1.7km erz= 223km
 nr= 6 gap=272 rms=0.13
 Locality: Aka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 15.9 | 119 | ePg | 10:15:30.00 | 0.07 |
| | | | eSg | 15:32.00 | -0.15 |
| PKST | 19.7 | 189 | ePg | 10:15:30.40 | -0.19 |
| | | | eSg | 15:33.50 | 0.17 |
| PKSG | 24.1 | 101 | ePg | 10:15:31.40 | 0.00 |
| | | | eSg | 15:34.90 | 0.14 |

113.

2014-04-04 time: 12:46:25.46 UTC ML= 0.0
 lat: 47.333N lon: 18.269E h= 0.0 km
 erh= 8.9km erz= ***km
 nr= 5 gap=191 rms=0.31
 Locality: Söréd
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 3.5 | 350 | ePg | 12:46:25.60 | -0.48 |
| | | | eSg | 46:26.30 | -0.26 |
| PKSG | 11.3 | 54 | ePgc | 12:46:27.70 | 0.22 |
| | | | eSg | 46:29.40 | 0.34 |
| PKST | 19.5 | 245 | eSg | 12:46:31.80 | 0.14 |

114.

2014-04-05 time: 8:18:01.92 UTC ML= 1.1
 lat: 48.064N lon: 19.613E h= 0.0 km
 erh= 2.1km erz= 603km
 nr= 7 gap=105 rms=0.40
 Locality: Nógrádmegyer
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 26.5 | 128 | ePgc | 8:18:06.50 | -0.16 |
| | | | eSg | 18:10.30 | -0.06 |
| PENC | 39.2 | 219 | ePgD | 8:18:08.90 | -0.03 |
| | | | eSg | 18:14.30 | -0.09 |
| VYHS | 74.9 | 310 | ePg | 8:18:16.10 | 0.81 |
| | | | eSg | 18:24.80 | -0.92 |
| KECS | 79.8 | 54 | ePg | 8:18:16.30 | 0.14 |

115.

2014-04-07 time: 8:18:29.46 UTC ML= 0.8
 lat: 47.339N lon: 18.465E h= 0.0 km
 erh= 6.6km erz= 853km
 nr= 6 gap=298 rms=0.51
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 8.1 | 316 | ePgc | 8:18:31.40 | 0.49 |
| | | | eSg | 18:32.10 | 0.06 |
| CSKK | 15.7 | 280 | ePg | 8:18:31.80 | -0.45 |
| | | | eSg | 18:33.40 | -1.04 |
| PKST | 33.7 | 255 | ePgc | 8:18:35.40 | -0.08 |
| | | | eSg | 18:40.90 | 0.72 |

116.

2014-04-07 time: 8:19:20.97 UTC ML= 0.7
 lat: 47.438N lon: 18.354E h= 0.0 km
 erh= 5.2km erz= 640km
 nr= 6 gap=281 rms=0.38
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.8 | 152 | ePgc | 8:19:22.10 | 0.09 |
| | | | eSg | 19:22.80 | -0.02 |
| CSKK | 10.9 | 220 | ePg | 8:19:22.50 | -0.42 |
| | | | eSg | 19:23.80 | -0.64 |
| PKST | 31.3 | 231 | ePg | 8:19:26.90 | 0.34 |
| | | | eSg | 19:31.50 | 0.58 |

117.

2014-04-07 time: 10:05:00.41 UTC ML= 1.5
 lat: 48.377N lon: 19.827E h= 0.0 km
 erh= 1.0km erz= 336km
 nr= 7 gap=106 rms=0.22
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KECS | 50.1 | 76 | ePg | 10:05:09.20 | -0.16 |
| | | | eSg | 05:16.40 | 0.06 |
| PSZ | 51.2 | 174 | ePgD | 10:05:09.60 | 0.05 |
| | | | eSg | 05:16.60 | -0.08 |
| VYHS | 74.5 | 280 | ePg | 10:05:14.20 | 0.49 |
| | | | eSg | 05:23.80 | -0.29 |
| LANS | 90.0 | 343 | eSg | 10:05:28.90 | -0.13 |

118.

2014-04-08 time: 9:33:43.89 UTC ML= 1.0
 lat: 46.238N lon: 18.159E h= 0.0 km
 erh= 1.1km erz= 266km
 nr= 7 gap=170 rms=0.18
 Locality: Liget
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSM | 37.3 | 94 | ePgD | 9:33:50.40 | -0.15 |
| | | | eSg | 33:56.10 | 0.35 |
| MORH | 37.5 | 94 | ePgD | 9:33:50.40 | -0.19 |
| | | | eSg | 33:55.90 | 0.09 |
| PKSV | 39.5 | 170 | ePg | 9:33:51.10 | 0.15 |
| | | | eSg | 33:56.40 | -0.05 |
| PKS9 | 39.9 | 13 | eSg | 9:34:03.40 | 6.84* |
| BEHE | 109.6 | 284 | eSg | 9:34:18.80 | 0.08 |

119.

2014-04-10 time: 6:42:01.57 UTC ML= 1.5
 lat: 47.912N lon: 19.880E h= 7.5 km
 erh= 5.7km erz= 4.9km
 nr= 8 gap=196 rms=0.69
 Locality: Mátraszentimre
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 1.3 | 57 | ePgD | 6:42:02.40 | -0.52 |
| | | | eSg | 42:05.00 | 1.02 |
| PENC | 46.8 | 253 | ePgD | 6:42:09.60 | -0.43 |
| | | | eSg | 42:18.00 | 1.37 |
| KECS | 77.8 | 35 | ePg | 6:42:16.80 | 1.27 |
| | | | eSg | 42:26.00 | -0.42 |
| VYHS | 101.0 | 310 | ePg | 6:42:19.50 | -0.16 |
| | | | eSg | 42:34.00 | 0.23 |

Hypocenter Parameters

Földrengés paraméterek

120.

2014-04-11 time: 6:33:04.32 UTC ML= 0.3
 lat: 47.424N lon: 18.204E h= 0.0 km
 erh= 3.0km erz= 459km
 nr= 6 gap=249 rms=0.28
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| CSKK | 8.0 | 148 | ePg | 6:33:06.10 | | | 0.35 |
| | | | eSg | | 33:06.80 | | -0.07 |
| PKSG | 14.6 | 104 | ePg | 6:33:07.00 | | | 0.08 |
| | | | eSg | | 33:08.90 | | -0.04 |
| PKST | 22.4 | 215 | ePg | 6:33:07.80 | | | -0.52 |
| | | | eSg | | 33:11.60 | | 0.16 |

121.

2014-04-11 time: 6:39:30.69 UTC ML= 0.3
 lat: 47.439N lon: 18.172E h= 0.0 km
 erh= 3.7km erz= 492km
 nr= 6 gap=260 rms=0.31
 Locality: Felsődobos
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| CSKK | 10.7 | 142 | ePgD | 6:39:32.30 | | | -0.31 |
| | | | eSg | | 39:33.60 | | -0.50 |
| PKSG | 17.3 | 108 | ePgD | 6:39:34.00 | | | 0.22 |
| | | | eSg | | 39:36.30 | | 0.11 |
| PKST | 22.6 | 208 | ePgD | 6:39:34.70 | | | -0.02 |
| | | | eSg | | 39:38.50 | | 0.64 |

122.

2014-04-11 time: 6:54:11.94 UTC ML= 0.9
 lat: 46.002N lon: 18.145E h= 0.0 km
 erh= 1.7km erz= 191km
 nr= 6 gap=272 rms=0.12
 Locality: Győd
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSV | 15.1 | 146 | ePg | 6:54:14.50 | | | -0.13 |
| | | | eSg | | 54:16.80 | | 0.06 |
| PKSM | 45.0 | 59 | ePgD | 6:54:20.10 | | | 0.13 |
| | | | eSg | | 54:26.00 | | -0.23 |
| MORH | 45.4 | 58 | ePgC | 6:54:20.10 | | | 0.06 |
| | | | eSg | | 54:26.30 | | -0.06 |

123.

2014-04-11 time: 8:09:34.55 UTC ML= 2.2
 lat: 46.096N lon: 16.611E h= 12.2 km
 erh= 2.7km erz= 2.1km
 nr= 24 gap=151 rms=0.84
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| BEHE | 43.5 | 17 | ePg | 8:09:42.60 | | | -0.02 |
| | | | eSg | | 09:48.90 | | -0.02 |
| KOGS | 48.0 | 325 | iPg | 8:09:43.60 | | | 0.20 |
| | | | iSg | | 09:49.80 | | -0.50 |
| GCIS | 80.3 | 252 | iPg | 8:09:49.70 | | | 0.65 |
| DOBS | 88.4 | 274 | iPg | 8:09:50.50 | | | 0.01 |
| PKSV | 129.3 | 100 | ePn | 8:09:55.50 | | | -0.64 |
| | | | eSn | | 10:12.00 | | -0.97 |
| TIH | 133.0 | 48 | ePn | 8:09:56.90 | | | 0.30 |
| SOKA | 137.6 | 298 | Pn | 8:09:57.40 | | | 0.23 |
| | | | Sn | | 10:14.20 | | -0.62 |
| MPLH | 139.0 | 31 | ePn | 8:09:56.80 | | | -0.55 |
| | | | eSn | | 10:15.50 | | 0.36 |

| | | | | | | | |
|------|-------|-----|------|------------|----------|--|--------|
| PKS9 | 139.6 | 67 | ePn | 8:09:59.70 | | | 2.28 |
| | | | eSn | | 10:17.30 | | 2.04 |
| ARSA | 153.0 | 327 | Pn | 8:09:59.60 | | | 0.51 |
| | | | Sn | | 10:18.10 | | -0.14 |
| PKSM | 157.4 | 85 | ePnD | 8:09:58.30 | | | -1.35 |
| | | | eSn | | 10:19.70 | | 0.48 |
| MORH | 157.7 | 85 | ePn | 8:09:58.20 | | | -1.48 |
| | | | eSn | | 10:20.20 | | 0.92 |
| PKST | 169.1 | 40 | ePnD | 8:10:00.30 | | | -0.80 |
| | | | eSn | | 10:24.20 | | 2.38 |
| SOP | 176.5 | 359 | ePn | 8:10:06.80 | | | 4.77* |
| MODS | 258.2 | 11 | ePn | 8:10:10.60 | | | -1.62 |
| VYHS | 315.3 | 32 | ePn | 8:10:18.60 | | | -0.74* |
| | | | eSn | | 10:50.20 | | -4.07* |

124.

2014-04-11 time: 22:15:56.17 UTC ML= 0.7
 lat: 46.054N lon: 18.415E h= 10.0 km
 erh= 4.6km erz= 1.5km
 nr= 12 gap=159 rms=0.44
 Locality: Hásságy
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKSV | 22.2 | 214 | ePgD | 22:16:00.70 | | | 0.18 |
| | | | eSg | | 16:03.90 | | -0.02 |
| PKSM | 24.8 | 45 | ePgD | 22:16:01.00 | | | 0.05 |
| | | | eSg | | 16:04.30 | | -0.37 |
| MORH | 25.3 | 45 | ePgD | 22:16:01.00 | | | -0.02 |
| | | | eSg | | 16:04.40 | | -0.41 |
| PKS2 | 78.5 | 52 | ePg | 22:16:10.40 | | | 0.10 |
| | | | eSg | | 16:23.00 | | 1.68 |
| PKS6 | 107.4 | 56 | ePnD | 22:16:14.80 | | | -0.51 |
| | | | eSn | | 16:30.20 | | -0.04 |
| PKSG | 148.8 | 359 | ePnD | 22:16:20.40 | | | -0.07 |
| | | | eSn | | 16:42.20 | | 2.77* |

125.

2014-04-13 time: 1:29:58.51 UTC ML= 1.5
 lat: 47.919N lon: 16.343E h= 5.5 km
 erh= 1.8km erz= 1.6km
 nr= 45 gap= 67 rms=0.96
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| SOP | 30.8 | 148 | ePgD | 1:30:04.80 | | | 0.71 |
| | | | eSg | | 30:08.80 | | 0.36 |
| CONA | 36.0 | 272 | Pg | 1:30:05.00 | | | 0.00 |
| | | | Sg | | 30:10.50 | | 0.43 |
| MODS | 86.0 | 54 | ePg | 1:30:13.20 | | | -0.70 |
| | | | eSg | | 30:24.60 | | -1.30 |
| ARSA | 96.5 | 220 | Pg | 1:30:15.00 | | | -0.78 |
| | | | Sg | | 30:26.00 | | -3.25 |
| SMOL | 104.4 | 51 | ePg | 1:30:17.10 | | | -0.07 |
| | | | eSg | | 30:30.90 | | -0.83 |
| MPLH | 122.7 | 133 | ePn | 1:30:20.30 | | | 0.16 |
| | | | eSn | | 30:36.30 | | -0.71 |
| PKST | 146.9 | 120 | ePnD | 1:30:23.20 | | | 0.04 |
| | | | eSn | | 30:42.30 | | -0.09 |
| SRO | 147.9 | 95 | ePn | 1:30:23.20 | | | -0.09 |
| | | | eSn | | 30:41.00 | | -1.62 |
| SRO2 | 154.5 | 96 | ePn | 1:30:25.50 | | | 1.39 |
| | | | eSn | | 30:42.40 | | -1.69 |
| MOA | 155.5 | 267 | Pn | 1:30:24.50 | | | 0.27 |
| | | | Sn | | 30:43.50 | | -0.80 |
| CSKK | 156.8 | 113 | ePnD | 1:30:24.80 | | | 0.40 |
| | | | eSn | | 30:45.90 | | 1.31 |
| TIH | 162.9 | 134 | ePnD | 1:30:28.30 | | | 3.15 |
| PKSG | 164.6 | 111 | ePnD | 1:30:26.40 | | | 1.03 |
| | | | eSn | | 30:45.40 | | -0.93 |
| TREC | 165.5 | 338 | ePn | 1:30:25.60 | | | 0.12 |
| | | | eSn | | 30:45.60 | | -0.92 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|------|------------|--------|
| SOKA | 169.8 | 216 | Pn | 1:30:27.20 | 1.18 |
| | | | Sn | 30:46.70 | -0.78 |
| VYHS | 196.1 | 71 | ePn | 1:30:28.80 | -0.49 |
| | | | eSn | 30:51.40 | -1.90 |
| KBA | 244.5 | 248 | Pn | 1:30:36.70 | 1.37 |
| | | | Sn | 31:05.30 | 1.26 |
| KHC | 244.7 | 303 | ePn | 1:30:35.80 | 0.45 |
| | | | eSn | 31:03.30 | -0.79 |
| GOPC | 249.5 | 333 | ePn | 1:30:37.40 | 1.45 |
| | | | eSn | 31:08.80 | 3.65 |
| MORH | 257.7 | 137 | ePnD | 1:30:36.80 | -0.18 |
| | | | eSn | 31:04.70 | -2.28 |
| PKSM | 257.9 | 137 | ePnD | 1:30:36.80 | -0.20 |
| | | | eSn | 31:04.30 | -2.72 |
| PRU | 265.3 | 330 | ePn | 1:30:38.90 | 0.98 |
| | | | eSn | 31:08.50 | -0.16 |
| PKSV | 268.5 | 147 | ePnD | 1:30:38.50 | 0.17 |
| DPC | 270.4 | 360 | ePn | 1:30:43.10 | 4.54 |
| | | | eSn | 31:15.50 | 5.70* |
| PRA | 277.1 | 330 | eSn | 1:31:17.40 | 6.11* |
| UPC | 288.9 | 355 | eSn | 1:31:21.60 | 7.70* |
| PVCC | 317.7 | 336 | eSn | 1:31:28.30 | 8.01* |
| NKC | 383.7 | 312 | eSn | 1:31:46.70 | 11.75* |

126.

2014-04-13 time: 20:38:20.17 UTC ML= 0.6
 lat: 47.370N lon: 18.105E h= 10.0 km
 erh= 6.7km erz= 2.5km
 nr= 8 gap=240 rms=0.51
 Locality: Nagyveleg
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 11.8 | 94 | ePgD | 20:38:22.40 | -0.53 |
| | | | eSg | 38:23.80 | -1.28 |
| PKST | 13.5 | 203 | ePgD | 20:38:23.40 | 0.23 |
| | | | eSg | 38:25.40 | -0.11 |
| PKSG | 21.7 | 84 | ePgD | 20:38:25.00 | 0.56 |
| | | | eSg | 38:28.20 | 0.43 |
| MORH | 134.8 | 162 | eSn | 20:39:00.40 | 0.07 |
| PKSM | 135.2 | 162 | ePn | 20:38:46.80 | 4.02* |
| | | | eSn | 39:00.00 | -0.41 |

127.

2014-04-14 time: 8:14:50.17 UTC ML= 0.7
 lat: 47.475N lon: 18.352E h= 0.0 km
 erh= 2.0km erz= 255km
 nr= 6 gap=297 rms=0.15
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 9.7 | 162 | ePgC | 8:14:52.00 | 0.10 |
| | | | eSg | 14:53.00 | -0.25 |
| CSKK | 14.2 | 209 | ePgC | 8:14:52.80 | 0.09 |
| | | | eSg | 14:54.70 | 0.01 |
| PKST | 33.9 | 225 | ePg | 8:14:56.00 | -0.23 |
| | | | eSg | 15:01.10 | 0.14 |

128.

2014-04-14 time: 8:15:25.47 UTC ML= 0.7
 lat: 47.437N lon: 18.349E h= 0.0 km
 erh= 5.1km erz= 622km
 nr= 6 gap=278 rms=0.37
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.9 | 148 | ePgC | 8:15:26.60 | 0.07 |
| | | | eSg | 15:27.20 | -0.15 |
| CSKK | 10.6 | 219 | ePgC | 8:15:26.90 | -0.45 |

Hypocenter Parameters

| | | | | | |
|------|------|-----|-----|------------|-------|
| | | | eSg | 15:28.50 | -0.33 |
| PKST | 30.9 | 230 | ePg | 8:15:31.50 | 0.51 |
| | | | eSg | 15:35.80 | 0.51 |

129.

2014-04-18 time: 8:50:21.16 UTC ML= 1.2
 lat: 47.337N lon: 17.567E h= 14.7 km
 erh= 7.1km erz=13.3km
 nr= 6 gap=258 rms=0.62
 Locality: Nagygyimót
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| MPLH | 18.7 | 186 | ePgD | 8:50:25.30 | -0.11 |
| | | | eSg | 50:29.30 | 0.58 |
| PKST | 36.4 | 104 | eSg | 8:50:33.50 | -0.15 |
| CSKK | 52.5 | 87 | eSg | 8:50:37.40 | -1.09 |
| TIH | 54.5 | 153 | eSg | 8:50:38.90 | -0.22 |
| PKSG | 62.5 | 84 | eSg | 8:50:42.60 | 1.02 |

130.

2014-04-18 time: 9:20:56.64 UTC ML= 0.3
 lat: 47.396N lon: 18.108E h= 0.0 km
 erh= 3.5km erz= 550km
 nr= 7 gap=211 rms=0.36
 Locality: Aka
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 12.1 | 108 | ePg | 9:20:58.50 | -0.29 |
| | | | eSg | 21:00.70 | 0.23 |
| PKST | 16.2 | 200 | ePgC | 9:20:59.00 | -0.53 |
| | | | eSg | 21:02.10 | 0.31 |
| PKSG | 21.3 | 91 | ePgD | 9:21:00.40 | -0.04 |
| | | | eSg | 21:03.60 | 0.19 |
| MPLH | 49.8 | 240 | ePg | 9:21:06.10 | 0.57 |

131.

2014-04-22 time: 1:16:35.16 UTC ML=-0.5
 lat: 47.362N lon: 18.242E h= 6.8 km
 erh= 7.9km erz= 1.4km
 nr= 5 gap=200 rms=0.30
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 1.4 | 86 | ePg | 1:16:35.90 | -0.50 |
| | | | eSg | 16:37.40 | 0.04 |
| PKSG | 11.7 | 74 | ePg | 1:16:37.60 | 0.02 |
| | | | eSg | 16:39.80 | 0.33 |
| PKST | 19.4 | 234 | eSg | 1:16:42.00 | 0.29 |

132.

2014-04-22 time: 7:28:21.36 UTC ML= 0.5
 lat: 47.424N lon: 18.309E h= 0.0 km
 erh= 3.1km erz= 368km
 nr= 6 gap=252 rms=0.24
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.2 | 120 | ePgC | 7:28:22.60 | -0.04 |
| | | | eSg | 28:23.40 | -0.24 |
| CSKK | 7.7 | 208 | ePgD | 7:28:22.90 | 0.16 |
| | | | eSg | 28:23.80 | -0.01 |
| PKST | 27.7 | 228 | ePgC | 7:28:26.50 | 0.19 |
| | | | eSg | 28:29.40 | -0.76 |

Hypocenter Parameters

Földrengés paraméterek

133.

2014-04-22 time: 7:29:15.91 UTC ML= 0.6
 lat: 47.416N lon: 18.316E h= 0.0 km
 erh= 1.4km erz= 142km
 nr= 5 gap=245 rms=0.07
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.2 | 115 | ePgC | 7:29:17.00 | -0.02 |
| | | | eSg | 29:17.90 | 0.01 |
| CSKK | 7.2 | 216 | ePgD | 7:29:17.30 | 0.10 |
| | | | eSg | 29:18.10 | -0.11 |
| PKST | 27.5 | 231 | ePg | 7:29:20.80 | -0.03 |

134.

2014-04-22 time: 18:23:37.11 UTC ML= 2.0
 lat: 45.834N lon: 17.886E h= 8.2 km
 erh= 5.4km erz= 3.4km
 nr= 20 gap=232 rms=0.98
 Locality: Sósvertike
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 29.0 | 78 | ePg | 18:23:43.90 | 1.40 |
| | | | eSg | 23:46.90 | 0.20 |
| PKSM | 72.0 | 54 | ePgD | 18:23:49.60 | -0.45 |
| | | | eSg | 23:59.50 | -0.64 |
| MORH | 72.4 | 54 | ePgD | 18:23:49.70 | -0.43 |
| | | | eSg | 23:59.50 | -0.78 |
| PKS9 | 89.0 | 20 | ePg | 18:23:52.70 | -0.37 |
| | | | eSg | 24:07.10 | 1.58 |
| BEHE | 111.2 | 309 | ePn | 18:23:56.60 | -0.36 |
| | | | eSn | 24:12.10 | -0.34 |
| TIH | 118.5 | 0 | ePnC | 18:23:58.70 | 0.83 |
| | | | eSn | 24:14.00 | -0.06 |
| PKS2 | 125.9 | 54 | ePn | 18:23:58.60 | -0.19 |
| | | | eSn | 24:15.80 | 0.10 |
| MPLH | 150.9 | 350 | ePn | 18:23:59.00 | -2.91 |
| | | | eSn | 24:24.10 | 2.85 |
| PKS6 | 155.0 | 57 | ePn | 18:24:01.60 | -0.82 |
| | | | eSn | 24:25.20 | 3.05 |
| PKST | 158.8 | 4 | ePnC | 18:24:02.40 | -0.50 |
| | | | eSn | 24:25.40 | 2.39 |

135.

2014-04-23 time: 21:13:12.17 UTC ML= 1.9
 lat: 47.096N lon: 20.462E h= 7.3 km
 erh= 3.2km erz= 2.9km
 nr= 33 gap= 79 rms=1.34
 Locality: Kétpó
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BSZH | 27.1 | 327 | ePg | 21:13:18.00 | 0.83 |
| | | | eSg | 13:23.40 | 2.32 |
| PKSN | 50.3 | 244 | ePgD | 21:13:21.50 | 0.25 |
| | | | eSg | 13:30.00 | 1.67 |
| PKS6 | 87.9 | 231 | ePgD | 21:13:27.60 | -0.32 |
| | | | eSg | 13:40.70 | 0.50 |
| PKS7 | 99.0 | 267 | ePgD | 21:13:29.00 | -0.89 |
| | | | eSg | 13:41.80 | -1.91 |
| PSZ | 101.0 | 335 | ePgC | 21:13:29.50 | -0.74 |
| | | | eSg | 13:42.50 | -1.84 |
| LTVH | 113.6 | 74 | ePn | 21:13:35.10 | 2.66 |
| | | | eSn | 13:49.60 | 1.35 |
| PKS2 | 116.6 | 235 | ePn | 21:13:32.30 | -0.51 |
| | | | eSn | 13:48.30 | -0.61 |
| PENC | 117.9 | 311 | ePnD | 21:13:32.30 | -0.67 |
| | | | eSn | 13:46.90 | -2.29 |
| SIRR | 129.9 | 135 | iPn | 21:13:32.70 | -1.77 |

| | | | | | |
|------|-------|-----|------|-------------|-------|
| PKSG | 160.2 | 282 | ePn | 21:13:40.20 | 1.95 |
| | | | eSn | 14:00.80 | 2.20 |
| CSKK | 169.3 | 280 | eSn | 21:14:01.40 | 0.78 |
| MORH | 170.1 | 235 | ePnD | 21:13:40.10 | 0.62 |
| | | | eSn | 14:01.70 | 0.92 |
| PKSM | 170.5 | 235 | ePn | 21:13:39.80 | 0.26 |
| | | | eSn | 14:01.80 | 0.92 |
| DRGR | 174.6 | 101 | iPn | 21:13:39.30 | -0.74 |
| PKS9 | 175.9 | 251 | ePn | 21:13:42.80 | 2.60 |
| | | | eSn | 14:05.40 | 3.33 |
| PKST | 184.9 | 276 | eSn | 21:14:00.30 | -3.78 |
| BZS | 186.9 | 152 | iPnD | 21:13:41.10 | -0.48 |
| TRPA | 194.0 | 54 | iPn | 21:13:42.30 | -0.16 |
| BANR | 197.4 | 165 | iPn | 21:13:43.40 | 0.51 |
| PKSV | 216.3 | 232 | ePn | 21:13:49.20 | 3.95 |
| | | | eSn | 14:16.20 | 5.16* |

136.

2014-04-24 time: 12:06:10.69 UTC ML= 1.8
 lat: 48.237N lon: 21.260E h= 5.3 km
 erh= 2.5km erz= 2.7km
 nr= 11 gap=154 rms=0.53
 Locality: Tállya
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 63.6 | 296 | ePg | 12:06:21.70 | -0.38 |
| | | | eSg | 06:29.80 | -1.17 |
| TRPA | 95.8 | 97 | ePg | 12:06:27.40 | -0.43 |
| | | | eSg | 06:41.30 | 0.10 |
| KOLS | 107.6 | 44 | ePg | 12:06:30.00 | 0.07 |
| | | | eSg | 06:45.40 | 0.46 |
| PSZ | 107.7 | 251 | ePgD | 12:06:30.20 | 0.25 |
| | | | eSg | 06:45.20 | 0.22 |
| LANS | 166.5 | 308 | ePn | 12:06:39.70 | 1.89 |
| | | | eSn | 06:59.50 | 0.54 |
| VYHS | 181.9 | 279 | eSn | 12:07:01.90 | -0.46 |

137.

2014-04-25 time: 20:11:44.64 UTC ML= 0.6
 lat: 47.359N lon: 18.209E h= 0.2 km
 erh= 3.5km erz=24.3km
 nr= 6 gap=205 rms=0.29
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 3.9 | 83 | ePgD | 20:11:45.00 | -0.34 |
| | | | eSg | 11:45.60 | -0.29 |
| PKSG | 14.2 | 75 | ePgD | 20:11:47.40 | 0.22 |
| | | | eSg | 11:49.70 | 0.55 |
| PKST | 17.2 | 230 | ePgD | 20:11:47.60 | -0.12 |
| | | | eSg | 11:50.40 | 0.28 |

138.

2014-04-27 time: 15:39:50.60 UTC ML= 1.8
 lat: 46.213N lon: 16.748E h= 10.0 km
 erh= 4.6km erz= 3.4km
 nr= 20 gap=174 rms=1.09
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BEHE | 28.7 | 4 | ePgD | 15:39:55.00 | -1.03 |
| | | | eSg | 40:02.40 | 2.14 |
| PKSV | 121.9 | 107 | ePn | 15:40:11.30 | -0.25 |
| | | | eSn | 40:28.40 | 0.51 |
| MPLH | 122.5 | 30 | ePn | 15:40:11.20 | -0.42 |
| | | | eSn | 40:27.30 | -0.72 |
| PKS9 | 124.9 | 71 | eSn | 15:40:29.50 | 0.94 |
| SOKA | 141.6 | 291 | Pn | 15:40:13.70 | -0.31 |

Földrengés paraméterek

Hypocenter Parameters

Sn 40:29.70 -2.57
 PKSM 146.1 90 ePn 15:40:15.40 0.83
 eSn 40:30.50 -2.77
 MORH 146.3 90 ePn 15:40:15.50 0.90
 eSn 40:30.60 -2.72
 ARSA 148.6 321 Pn 15:40:15.00 0.12
 PKST 152.3 40 ePn 15:40:15.60 0.26
 eSn 40:35.30 0.65
 OBKA 172.4 281 Pn 15:40:19.00 1.15
 Sn 40:40.30 1.19
 MOA 262.1 314 Pn 15:40:29.60 0.56
 Sn 40:58.50 -0.52

139.

2014-04-29 time: 9:38:11.10 UTC ML= 0.8
 lat: 47.459N lon: 17.900E h= 0.0 km
 erh= 6.6km erz= ***km
 nr= 8 gap=241 rms=0.81
 Locality: Bakonybánk
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 24.5 | 156 | ePg | 9:38:16.80 | 1.33 |
| | | | eSg | 38:19.60 | 0.73 |
| CSKK | 29.2 | 111 | ePgD | 9:38:16.60 | 0.29 |
| | | | eSg | 38:19.40 | -0.98 |
| PKSG | 37.8 | 101 | ePgC | 9:38:18.30 | 0.46 |
| | | | eSg | 38:21.70 | -1.40 |
| MPLH | 42.2 | 220 | ePgD | 9:38:17.90 | -0.73 |
| | | | eSg | 38:24.10 | -0.40 |

140.

2014-04-30 time: 10:06:29.72 UTC ML= 1.7
 lat: 48.919N lon: 20.668E h= 7.0 km
 erh= 4.4km erz= 3.5km
 nr= 9 gap=163 rms=0.76
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 50.3 | 195 | ePg | 10:06:38.70 | -0.09 |
| | | | eSg | 06:45.20 | -0.67 |
| LANS | 91.4 | 286 | ePg | 10:06:46.40 | 0.31 |
| | | | eSg | 06:58.20 | -0.67 |
| KOLS | 117.6 | 89 | eSn | 10:07:05.60 | -1.15 |
| PSZ | 125.2 | 207 | ePnD | 10:06:52.10 | 0.64 |
| | | | eSn | 07:08.80 | 0.38 |
| VYHS | 142.9 | 251 | ePn | 10:06:55.00 | 1.33 |
| | | | eSn | 07:11.10 | -1.25 |

141.

2014-05-02 time: 10:14:07.04 UTC ML= 1.8
 lat: 48.740N lon: 21.037E h= 0.0 km
 erh= 8.3km erz= 481km
 nr= 6 gap=202 rms=0.28
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 49.7 | 235 | ePg | 10:14:15.80 | -0.12 |
| | | | eSg | 14:22.40 | -0.44 |
| KOLS | 93.3 | 77 | ePg | 10:14:23.60 | -0.10 |
| | | | eSg | 14:36.80 | 0.12 |
| PSZ | 124.6 | 223 | ePg | 10:14:29.70 | 0.41 |
| | | | eSg | 14:46.30 | -0.34 |

142.

2014-05-02 time: 10:51:03.52 UTC ML= 1.3
 lat: 48.194N lon: 19.805E h= 0.0 km
 erh= 4.9km erz= ***km
 nr= 6 gap=127 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 31.4 | 168 | ePg | 10:51:09.60 | 0.47 |
| | | | eSg | 51:12.10 | -1.41 |
| KECS | 59.8 | 58 | ePg | 10:51:14.00 | -0.20 |
| | | | eSg | 51:22.20 | -0.33 |
| VYHS | 79.2 | 295 | ePg | 10:51:18.60 | 0.93 |
| | | | eSg | 51:27.30 | -1.40 |

143.

2014-05-02 time: 21:58:47.46 UTC ML= 1.0
 lat: 47.313N lon: 17.417E h= 1.7 km
 erh= 4.3km erz= 3.1km
 nr= 16 gap=249 rms=0.76
 Locality: Borsosgyőr
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 18.4 | 150 | ePgC | 21:58:50.50 | -0.26 |
| | | | eSg | 58:53.00 | -0.33 |
| PKST | 47.1 | 97 | ePg | 21:58:55.70 | -0.18 |
| | | | eSg | 59:00.40 | -2.04 |
| CSKK | 64.0 | 85 | ePg | 21:58:59.00 | 0.10 |
| | | | eSg | 59:08.20 | 0.39 |
| PKSG | 74.1 | 83 | ePgC | 21:59:01.50 | 0.80 |
| | | | eSg | 59:12.10 | 1.08 |
| SRO2 | 88.9 | 56 | ePg | 21:59:02.40 | -0.95 |
| | | | eSg | 59:14.30 | -1.44 |
| MORH | 153.8 | 142 | ePn | 21:59:14.20 | 0.74 |
| | | | eSn | 59:33.10 | -0.63 |
| PKSM | 154.0 | 143 | ePn | 21:59:14.20 | 0.71 |
| | | | eSn | 59:32.30 | -1.48 |
| VYHS | 168.8 | 39 | ePn | 21:59:16.00 | 0.67 |
| | | | eSn | 59:36.40 | -0.67 |

144.

2014-05-05 time: 8:36:46.18 UTC ML= 0.9
 lat: 47.473N lon: 18.385E h= 0.0 km
 erh= 6.1km erz= 757km
 nr= 6 gap=309 rms=0.45
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 9.0 | 178 | ePgC | 8:36:48.00 | 0.21 |
| | | | eSg | 36:48.80 | -0.24 |
| CSKK | 15.4 | 218 | ePg | 8:36:48.40 | -0.53 |
| | | | eSg | 36:50.40 | -0.68 |
| PKST | 35.6 | 228 | ePgC | 8:36:52.80 | 0.26 |
| | | | eSg | 36:58.30 | 0.80 |

145.

2014-05-05 time: 8:37:38.32 UTC ML= 1.0
 lat: 47.475N lon: 18.336E h= 0.0 km
 erh= 4.3km erz= 560km
 nr= 6 gap=292 rms=0.33
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 10.1 | 156 | ePgC | 8:37:40.40 | 0.28 |
| | | | eSg | 37:41.10 | -0.43 |
| CSKK | 13.7 | 205 | ePg | 8:37:40.70 | -0.06 |

Hypocenter Parameters

Földrengés paraméterek

eSg 37:42.50 -0.16
 PKST 33.1 224 ePgC 8:37:44.00 -0.23
 eSg 37:49.60 0.76

146.

2014-05-07 time: 9:27:59.94 UTC ML= 1.2
 lat: 47.604N lon: 16.361E h= 4.5 km
 erh= 2.1km erz= 2.4km
 nr= 16 gap= 85 rms=0.64
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| SOP | 17.3 | 59 | ePgC | 9:28:03.50 | | | 0.37 |
| | | | eSg | 28:06.40 | | | 0.78 |
| CONA | 52.0 | 314 | Pg | 9:28:09.00 | | | -0.26 |
| | | | Sg | 28:16.30 | | | -0.23 |
| ARSA | 74.4 | 238 | Pg | 9:28:12.30 | | | -0.95 |
| MPLH | 101.2 | 118 | ePgD | 9:28:18.60 | | | 0.57 |
| | | | eSg | 28:32.70 | | | 0.56 |
| MODS | 109.6 | 39 | ePg | 9:28:18.60 | | | -0.93 |
| | | | eSg | 28:34.30 | | | -0.51 |
| KOGS | 128.7 | 184 | Pn | 9:28:22.00 | | | -0.45 |
| | | | eSn | 28:39.90 | | | -0.11 |
| PKST | 131.9 | 107 | ePnD | 9:28:22.70 | | | -0.16 |
| | | | eSn | 28:39.70 | | | -1.03 |
| MOA | 159.5 | 280 | Pn | 9:28:27.90 | | | 1.61 |
| | | | Sn | 28:47.60 | | | 0.75 |
| PTJ | 191.8 | 189 | Sn | 9:28:54.40 | | | 0.37 |

147.

2014-05-07 time: 10:41:02.68 UTC ML= 1.2
 lat: 47.073N lon: 17.758E h= 0.0 km
 erh= 0.9km erz= 252km
 nr= 6 gap=151 rms=0.18
 Locality: Szentgál
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| MPLH | 19.8 | 303 | ePg | 10:41:06.20 | | | -0.01 |
| | | | eSg | 41:09.10 | | | 0.14 |
| TIH | 21.8 | 152 | ePgD | 10:41:06.50 | | | -0.08 |
| | | | eSg | 41:09.90 | | | 0.27 |
| PKST | 29.4 | 45 | ePg | 10:41:08.00 | | | 0.06 |
| | | | eSg | 41:11.60 | | | -0.44 |

148.

2014-05-08 time: 6:37:56.15 UTC ML= 2.8
 lat: 48.047N lon: 20.571E h= 4.5 km
 erh= 2.1km erz= 2.0km
 nr= 44 gap= 37 rms=1.10
 Locality: Bükkszentkereszt
 Comments: felt 5 EMS

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 48.9 | 353 | ePg | 6:38:05.00 | | | 0.08 |
| | | | eSg | 38:11.50 | | | -0.25 |
| PSZ | 52.5 | 254 | ePgD | 6:38:05.50 | | | -0.06 |
| | | | eSg | 38:13.10 | | | 0.19 |
| BSZH | 86.2 | 195 | ePg | 6:38:11.70 | | | 0.13 |
| | | | eSg | 38:23.90 | | | 0.31 |
| PENC | 100.5 | 253 | ePgD | 6:38:13.60 | | | -0.52 |
| | | | eSg | 38:27.60 | | | -0.54 |
| LTVH | 124.0 | 126 | ePn | 6:38:17.70 | | | -0.38 |
| | | | eSn | 38:34.70 | | | -0.48 |
| BUD | 131.8 | 242 | eSn | 6:38:35.20 | | | -1.72 |
| VYHS | 138.0 | 291 | ePn | 6:38:19.40 | | | -0.43 |
| | | | eSn | 38:36.00 | | | -2.29 |
| PKSN | 138.5 | 203 | ePn | 6:38:20.60 | | | 0.72 |
| | | | eSn | 38:38.60 | | | 0.22 |
| TRPA | 146.9 | 86 | ePn | 6:38:20.50 | | | -0.43 |

| | | | | | | | |
|------|-------|-----|------|------------|--|--|--------|
| | | | eSn | 38:38.20 | | | -2.06 |
| LANS | 147.2 | 326 | ePn | 6:38:21.50 | | | 0.53 |
| | | | eSn | 38:39.30 | | | -1.03 |
| PKS7 | 153.7 | 224 | ePnD | 6:38:21.90 | | | 0.12 |
| | | | eSn | 38:42.10 | | | 0.32 |
| KOLS | 159.8 | 52 | ePn | 6:38:21.60 | | | -0.94 |
| | | | eSn | 38:45.10 | | | 1.98 |
| STHS | 160.1 | 18 | e n | 6:38:24.80 | | | 2.22 |
| | | | eSn | 38:43.20 | | | 0.01 |
| PKS6 | 178.0 | 205 | eSn | 6:38:50.00 | | | 2.83 |
| PKSG | 179.1 | 246 | ePn | 6:38:26.40 | | | 1.45 |
| | | | eSn | 38:49.20 | | | 1.79 |
| CSKK | 189.4 | 246 | ePn | 6:38:26.80 | | | 0.57 |
| | | | eSn | 38:52.90 | | | 3.21 |
| PKST | 209.8 | 245 | ePn | 6:38:28.60 | | | -0.17 |
| | | | eSn | 38:53.40 | | | -0.81 |
| PKS9 | 237.5 | 227 | ePn | 6:38:35.80 | | | 3.57 |
| | | | eSn | 39:05.50 | | | 5.14* |
| MODS | 247.5 | 278 | ePn | 6:38:34.00 | | | 0.53 |
| | | | eSn | 39:06.80 | | | 4.22* |
| MPLH | 247.9 | 247 | ePn | 6:38:33.50 | | | -0.03 |
| MORH | 250.7 | 216 | ePnC | 6:38:31.80 | | | -2.07 |
| | | | eSn | 38:59.00 | | | -4.29* |
| PKSM | 251.2 | 216 | ePnD | 6:38:31.90 | | | -2.03 |
| | | | eSn | 38:59.10 | | | -4.30* |
| CJR | 272.5 | 123 | iPn | 6:38:35.70 | | | -0.89 |
| BZS | 281.7 | 164 | iPn | 6:38:36.60 | | | -1.14 |
| MORC | 293.7 | 311 | iPnD | 6:38:39.70 | | | 0.46 |
| GZR | 339.8 | 150 | iPn | 6:38:44.00 | | | -0.99* |
| BURB | 351.1 | 98 | iPn | 6:38:45.20 | | | -1.20* |
| MDVR | 373.5 | 166 | iPnD | 6:38:48.20 | | | -0.99* |
| HERR | 379.4 | 158 | iPnD | 6:38:49.00 | | | -0.93* |
| ARR | 430.4 | 134 | iPn | 6:38:55.30 | | | -0.98* |
| VOIR | 448.7 | 130 | iPn | 6:38:56.80 | | | -1.76* |

149.

2014-05-08 time: 9:00:45.29 UTC ML= 1.6
 lat: 48.087N lon: 20.656E h= 6.3 km
 erh= 5.4km erz= 2.7km
 nr= 6 gap=268 rms=0.33
 Locality: Bükkszentlászló
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 45.8 | 344 | ePg | 9:00:53.70 | | | 0.15 |
| | | | eSg | 00:59.50 | | | -0.50 |
| PSZ | 59.8 | 252 | ePg | 9:00:55.90 | | | -0.14 |
| | | | eSg | 01:04.10 | | | -0.32 |
| PENC | 107.9 | 252 | eSg | 9:01:20.30 | | | 0.66 |
| VYHS | 142.4 | 289 | eSn | 9:01:27.80 | | | -0.18 |

150.

2014-05-08 time: 11:19:56.00 UTC ML= 1.3
 lat: 47.927N lon: 18.000E h= 10.0 km
 erh= 1.8km erz= 2.6km
 nr= 19 gap= 88 rms=0.70
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| SRO | 26.6 | 118 | ePg | 11:20:01.20 | | | 0.12 |
| | | | eSg | 20:04.70 | | | -0.34 |
| RVZH | 50.8 | 206 | Pg | 11:20:05.30 | | | 0.05 |
| MODS | 73.2 | 313 | ePg | 11:20:09.50 | | | 0.30 |
| | | | eSg | 20:19.20 | | | -0.29 |
| ZST | 73.3 | 294 | ePg | 11:20:09.10 | | | -0.11 |
| | | | eSg | 20:18.20 | | | -1.32 |
| PKST | 74.3 | 178 | Pg | 11:20:10.20 | | | 0.81 |
| | | | eSg | 20:17.80 | | | -2.02 |
| SMOL | 77.9 | 327 | ePg | 11:20:11.20 | | | 1.18 |
| | | | eSg | 20:20.90 | | | -0.06 |
| VYHS | 88.6 | 45 | ePg | 11:20:12.10 | | | 0.18 |
| | | | eSg | 20:22.90 | | | -1.43 |

Földrengés paraméterek

MPLH 91.0 202 ePg 11:20:12.00 -0.34
 eSg 20:24.50 -0.59
 PSZ 141.6 90 ePnD 11:20:20.70 1.29
 eSn 20:36.90 -0.77
 MORH 196.4 166 ePn 11:20:25.90 -0.34
 PKSM 196.8 166 ePn 11:20:25.90 -0.39

151.

2014-05-08 time: 19:31:07.42 UTC ML= 3.5
 lat: 45.645N lon: 21.462E h= 8.3 km
 erh= 2.2km erz= 1.8km
 nr= 38 gap= 55 rms=0.92
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| BZS | 12.4 | 105 | iPgD | 19:31:10.70 | | | 0.61 |
| TIM | 21.4 | 299 | iPg | 19:31:11.70 | | | 0.18 |
| BANR | 38.7 | 221 | iPg | 19:31:14.90 | | | 0.40 |
| SIRR | 70.9 | 12 | iPg | 19:31:19.60 | | | -0.57 |
| MDVR | 97.9 | 168 | iPgD | 19:31:24.20 | | | -0.77 |
| GZR | 106.4 | 105 | iPgD | 19:31:25.60 | | | -0.89 |
| HERR | 113.2 | 139 | iPnD | 19:31:27.30 | | | -0.20 |
| DEV | 115.2 | 77 | iPn | 19:31:26.80 | | | -0.96 |
| DRGR | 159.8 | 37 | iPn | 19:31:33.10 | | | -0.22 |
| SRE | 175.3 | 129 | iPn | 19:31:37.20 | | | 1.96 |
| PKS6 | 181.1 | 306 | ePnD | 19:31:35.70 | | | -0.27 |
| | | | eSn | 31:56.20 | | | -2.04 |
| PKSN | 185.7 | 319 | ePnC | 19:31:36.40 | | | -0.15 |
| | | | eSn | 32:00.40 | | | 1.13 |
| PKS2 | 197.9 | 298 | ePn | 19:31:38.10 | | | 0.04 |
| | | | eSn | 32:05.20 | | | 3.24 |
| CJR | 203.3 | 54 | iPnD | 19:31:39.00 | | | 0.26 |
| BSZH | 205.6 | 333 | ePn | 19:31:39.30 | | | 0.27 |
| | | | eSn | 32:09.70 | | | 6.02* |
| MORH | 227.6 | 286 | ePnD | 19:31:40.70 | | | -1.07 |
| | | | eSn | 32:13.00 | | | 4.44 |
| PKSM | 227.7 | 286 | ePnD | 19:31:40.70 | | | -1.08 |
| | | | eSn | 32:13.20 | | | 4.61 |
| MDB | 233.1 | 76 | iPn | 19:31:44.20 | | | 1.74 |
| PKS7 | 236.0 | 311 | ePnC | 19:31:42.70 | | | -0.12 |
| | | | eSn | 32:15.10 | | | 4.67* |
| ARR | 249.8 | 97 | iPn | 19:31:45.80 | | | 1.26 |
| PKSV | 251.2 | 276 | ePn | 19:31:43.80 | | | -0.91 |
| | | | eSn | 32:18.40 | | | 4.60* |
| PKS9 | 267.4 | 293 | ePn | 19:31:46.10 | | | -0.64 |
| | | | eSn | 32:26.30 | | | 8.89* |
| BMR | 274.0 | 35 | iPn | 19:31:48.60 | | | 1.04 |
| ARCR | 274.2 | 54 | iPn | 19:31:48.30 | | | 0.72 |
| BUD | 277.0 | 318 | ePnD | 19:31:47.50 | | | -0.43 |
| | | | eSn | 32:33.70 | | | 14.17* |
| PSZ | 279.7 | 335 | ePnC | 19:31:47.50 | | | -0.76 |
| | | | eSn | 32:17.60 | | | -2.52 |
| VOIR | 281.2 | 95 | iPnD | 19:31:49.20 | | | 0.75 |
| TRPA | 288.3 | 17 | iPn | 19:31:48.60 | | | -0.73 |
| PENC | 291.0 | 325 | ePnD | 19:31:49.30 | | | -0.38 |
| | | | eSn | 32:24.30 | | | 1.66* |
| HUMR | 303.5 | 114 | iPn | 19:31:52.40 | | | 1.16* |
| PKSG | 305.4 | 309 | ePnD | 19:31:51.80 | | | 0.33* |
| | | | eSn | 32:36.50 | | | 10.67* |
| DOPR | 307.3 | 83 | iPn | 19:31:52.90 | | | 1.19* |
| TIH | 308.5 | 297 | ePnD | 19:31:51.60 | | | -0.26* |
| | | | eSn | 32:25.10 | | | -1.42* |
| CSKK | 311.3 | 308 | ePnD | 19:31:51.60 | | | -0.60* |
| | | | eSn | 32:38.10 | | | 10.97* |
| PKST | 318.7 | 304 | ePnD | 19:31:52.80 | | | -0.33* |
| | | | eSn | 32:26.30 | | | -2.48* |
| KECS | 324.2 | 347 | ePn | 19:31:54.00 | | | 0.19* |
| OZUR | 339.5 | 82 | iPn | 19:31:57.00 | | | 1.28* |
| MPLH | 346.0 | 299 | ePn | 19:31:56.40 | | | -0.14* |
| | | | eSn | 32:32.30 | | | -2.55* |
| MLR | 350.4 | 93 | iPn | 19:31:58.70 | | | 1.62* |
| BURB | 361.5 | 53 | iPnD | 19:31:59.80 | | | 1.34* |
| VTS | 366.9 | 158 | iPn | 19:31:59.00 | | | -0.14* |

Hypocenter Parameters

KOLS 370.7 10 ePn 19:31:59.80 0.19*
 eSn 32:52.40 12.07*
 VYHS 374.3 328 ePn 19:31:59.80 -0.27*
 VRI 410.4 87 iPnD 19:32:06.40 1.83*
 LANS 417.8 339 ePn 19:32:06.60 1.11*
 ZST 436.7 311 ePn 19:32:06.20 -1.65*
 eSn 32:50.50 -4.48*
 SOP 438.4 301 ePn 19:32:08.80 0.74*
 eSn 32:50.40 -4.95*
 MODS 439.7 314 ePn 19:32:06.40 -1.81*
 eSn 32:49.90 -5.73*
 SMOL 442.2 316 ePn 19:32:07.90 -0.63*
 eSn 32:51.90 -4.30*
 ARSA 490.0 291 Pn 19:32:14.90 0.41*
 Sn 33:02.90 -3.91*
 CONA 497.3 301 Pn 19:32:16.10 0.70*
 Sn 33:04.70 -3.73*
 SOKA 509.7 283 Pn 19:32:15.90 -1.05*
 Sn 33:07.30 -3.88*
 CFR 525.0 96 iPn 19:32:19.00 0.14*
 OKC 528.3 332 ePn 19:32:19.80 0.53*
 eSn 33:13.90 -1.41*
 OBKA 543.4 280 Pn 19:32:21.50 0.36*
 MORC 545.5 327 iPn 19:32:20.70 -0.71*
 VRAC 548.3 318 iPnD 19:32:20.90 -0.85*
 KRLC 604.4 325 ePn 19:32:28.00 -0.76*
 eSn 33:29.60 -2.60*
 DPC 648.8 324 ePn 19:32:34.20 -0.08*
 PRU 708.4 313 ePn 19:32:39.60 -2.12*
 eSn 33:49.90 -5.38*
 KHC 710.4 303 ePn 19:32:41.10 -0.87*
 eSn 33:50.30 -5.41*

152.

2014-05-09 time: 6:35:33.97 UTC ML= 0.6
 lat: 47.345N lon: 18.351E h= 0.0 km
 erh= 3.3km erz= 477km
 nr= 6 gap=219 rms=0.29
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSG | 6.0 | 30 | ePgC | 6:35:35.00 | | | -0.03 |
| | | | eSg | 35:35.50 | | | -0.37 |
| CSKK | 7.2 | 286 | ePgD | 6:35:35.30 | | | 0.05 |
| | | | eSg | 35:36.30 | | | 0.06 |
| PKST | 25.8 | 248 | ePg | 6:35:39.10 | | | 0.52 |
| | | | eSg | 35:41.70 | | | -0.48 |

153.

2014-05-09 time: 6:35:52.17 UTC ML= 0.6
 lat: 47.330N lon: 18.362E h= 0.0 km
 erh= 2.6km erz= 398km
 nr= 6 gap=235 rms=0.24
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSG | 7.2 | 18 | ePgC | 6:35:53.50 | | | 0.04 |
| | | | eSg | 35:54.20 | | | -0.26 |
| CSKK | 8.5 | 296 | ePgD | 6:35:53.80 | | | 0.11 |
| | | | eSg | 35:54.80 | | | -0.07 |
| PKST | 26.0 | 252 | ePg | 6:35:57.10 | | | 0.28 |
| | | | eSg | 35:59.80 | | | -0.64 |

Hypocenter Parameters

Földrengés paraméterek

154.

2014-05-09 time: 6:38:15.22 UTC ML= 0.5
 lat: 47.323N lon: 18.365E h= 0.0 km
 erh= 2.6km erz= 379km
 nr= 6 gap=240 rms=0.24
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 7.9 | 14 | ePgC | 6:38:16.80 | | | 0.18 |
| | | | eSg | | 38:17.40 | | -0.31 |
| CSKK | 9.0 | 299 | ePgD | 6:38:17.10 | | | 0.27 |
| | | | eSg | | 38:17.70 | | -0.39 |
| PKST | 26.0 | 254 | ePg | 6:38:19.70 | | | -0.16 |
| | | | eSg | | 38:23.50 | | 0.02 |

155.

2014-05-12 time: 11:02:51.58 UTC ML= 1.7
 lat: 48.348N lon: 19.843E h= 5.8 km
 erh= 2.1km erz= 5.0km
 nr= 9 gap=103 rms=0.53
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PSZ | 48.0 | 175 | ePgD | 11:03:00.80 | | | 0.59 |
| | | | eSg | | 03:07.50 | | 0.56 |
| KECS | 49.9 | 73 | ePg | 11:03:00.30 | | | -0.25 |
| | | | eSg | | 03:06.80 | | -0.75 |
| PENC | 74.8 | 214 | eSg | 11:03:14.70 | | | -0.73 |
| | | | ePg | 11:03:05.40 | | | 0.16 |
| VYHS | 76.2 | 282 | eSg | 03:14.90 | | | -0.99 |
| | | | ePg | 11:03:08.70 | | | 0.41 |
| ZST | 204.1 | 265 | eSn | 11:03:47.90 | | | -0.19 |

156.

2014-05-12 time: 14:20:15.71 UTC ML= 0.8
 lat: 47.109N lon: 18.003E h= 0.0 km
 erh= 3.3km erz= 846km
 nr= 7 gap=165 rms=0.56
 Locality: Litér
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| PKST | 16.8 | 8 | ePgC | 14:20:18.10 | | | -0.61 |
| | | | eSg | | 20:20.70 | | -0.35 |
| TIH | 24.7 | 200 | ePg | 14:20:19.80 | | | -0.32 |
| | | | eSg | | 20:23.90 | | 0.33 |
| CSKK | 34.3 | 35 | ePg | 14:20:22.20 | | | 0.36 |
| | | | eSg | | 20:27.90 | | 1.28 |
| MPLH | 35.8 | 281 | eSg | 14:20:27.30 | | | 0.22 |

157.

2014-05-13 time: 12:47:53.74 UTC ML= 0.7
 lat: 46.124N lon: 18.299E h= 0.0 km
 erh= 1.3km erz= 102km
 nr= 6 gap=241 rms=0.06
 Locality: Vasas
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| PKSV | 26.5 | 188 | ePgD | 12:47:58.50 | | | 0.04 |
| | | | eSg | | 48:02.10 | | -0.05 |
| PKSM | 28.2 | 70 | ePgD | 12:47:58.80 | | | 0.03 |
| | | | eSg | | 48:02.80 | | 0.10 |
| MORH | 28.5 | 69 | ePgD | 12:47:58.80 | | | -0.04 |
| | | | eSg | | 48:02.70 | | -0.11 |

158.

2014-05-19 time: 9:41:17.70 UTC ML= 1.4
 lat: 48.619N lon: 20.742E h= 0.0 km
 erh= 3.1km erz= 2.5km
 nr= 8 gap=277 rms=0.29
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KECS | 24.2 | 231 | ePg | 9:41:21.80 | | | -0.22 |
| | | | eSg | | 41:25.70 | | 0.31 |
| PSZ | 100.1 | 219 | ePg | 9:41:35.50 | | | -0.08 |
| | | | eSg | | 41:49.30 | | -0.23 |
| LANS | 110.5 | 302 | ePg | 9:41:37.70 | | | 0.26 |
| | | | eSg | | 41:52.40 | | -0.44 |
| VYHS | 141.3 | 264 | ePn | 9:41:42.70 | | | 0.34 |
| | | | eSn | | 42:00.70 | | -0.89 |

159.

2014-05-20 time: 11:44:58.44 UTC ML= 0.2
 lat: 47.187N lon: 18.297E h= 0.0 km
 erh= 1.6km erz= 205km
 nr= 6 gap=275 rms=0.12
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| CSKK | 19.8 | 352 | ePgD | 11:45:01.80 | | | -0.17 |
| | | | eSg | | 45:04.60 | | -0.13 |
| PKST | 21.5 | 292 | ePg | 11:45:02.30 | | | 0.03 |
| | | | eSg | | 45:05.30 | | 0.04 |
| PKSG | 23.8 | 17 | ePgC | 11:45:02.80 | | | 0.10 |
| | | | eSg | | 45:06.20 | | 0.18 |

160.

2014-05-21 time: 7:03:29.35 UTC ML= 0.8
 lat: 47.439N lon: 18.435E h= 0.0 km
 erh= 6.4km erz= 577km
 nr= 5 gap=335 rms=0.27
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 6.3 | 212 | ePgC | 7:03:30.70 | | | 0.23 |
| | | | eSg | | 03:31.20 | | -0.14 |
| CSKK | 15.7 | 237 | ePgD | 7:03:32.00 | | | -0.15 |
| | | | eSg | | 03:33.90 | | -0.43 |
| PKST | 36.3 | 236 | eSg | 7:03:41.30 | | | 0.40 |

161.

2014-05-21 time: 7:03:46.34 UTC ML= 1.0
 lat: 47.369N lon: 18.482E h= 0.0 km
 erh= 2.8km erz= 489km
 nr= 10 gap=244 rms=0.38
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PKSG | 7.4 | 290 | ePgC | 7:03:47.60 | | | -0.06 |
| | | | eSg | | 03:48.50 | | -0.18 |
| CSKK | 16.8 | 268 | ePgD | 7:03:49.10 | | | -0.24 |
| | | | eSg | | 03:51.10 | | -0.57 |
| PKST | 36.0 | 250 | ePg | 7:03:53.30 | | | 0.53 |
| | | | eSg | | 03:58.40 | | 0.61 |
| MORH | 128.8 | 174 | ePg | 7:04:09.70 | | | 0.36 |
| | | | eSg | | 04:27.10 | | -0.18 |
| PKSM | 129.2 | 175 | ePg | 7:04:09.60 | | | 0.18 |
| | | | eSg | | 04:26.70 | | -0.72 |

Földrengés paraméterek

Hypocenter Parameters

162.

2014-05-21 time: 7:30:03.11 UTC ML= 1.3
 lat: 48.617N lon: 20.719E h= 0.0 km
 erh= 4.0km erz= 2.8km
 nr= 8 gap=275 rms=0.41
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 22.7 | 229 | ePg | 7:30:06.80 | -0.37 |
| | | | eSg | 30:10.80 | 0.47 |
| PSZ | 98.9 | 218 | ePg | 7:30:21.00 | 0.24 |
| | | | eSg | 30:34.00 | -0.54 |
| LANS | 109.3 | 303 | ePg | 7:30:22.60 | -0.02 |
| | | | eSg | 30:37.90 | 0.05 |
| VYHS | 139.7 | 264 | ePn | 7:30:28.20 | 0.64 |
| | | | eSn | 30:46.00 | -0.62 |

163.

2014-05-21 time: 9:06:13.36 UTC ML= 0.4
 lat: 47.463N lon: 18.225E h= 0.0 km
 erh= 1.8km erz= 270km
 nr= 6 gap=270 rms=0.16
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 11.4 | 166 | ePg | 9:06:15.70 | 0.30 |
| | | | eSg | 06:17.00 | 0.01 |
| PKSG | 14.8 | 122 | ePg | 9:06:16.00 | 0.00 |
| | | | eSg | 06:17.90 | -0.16 |
| PKST | 26.9 | 212 | ePg | 9:06:18.00 | -0.16 |
| | | | eSg | 06:21.90 | 0.00 |

164.

2014-05-21 time: 10:00:55.85 UTC ML= 1.4
 lat: 48.035N lon: 19.623E h= 0.0 km
 erh= 0.7km erz= 182km
 nr= 6 gap=171 rms=0.11
 Locality: Nagylóc
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 24.1 | 123 | ePgD | 10:01:00.10 | -0.05 |
| | | | eSg | 01:03.50 | 0.00 |
| PENC | 37.3 | 223 | ePgD | 10:01:02.50 | 0.00 |
| | | | eSg | 01:07.70 | 0.01 |
| VYHS | 77.6 | 311 | ePg | 10:01:09.90 | 0.20 |
| | | | eSg | 01:20.30 | -0.20 |

165.

2014-05-22 time: 8:51:03.03 UTC ML= 0.9
 lat: 47.649N lon: 16.321E h= 10.0 km
 erh= 2.6km erz= 1.6km
 nr= 11 gap=168 rms=0.52
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| SOP | 18.2 | 78 | ePgc | 8:51:06.80 | 0.06 |
| | | | eSg | 51:09.60 | -0.03 |
| ARSA | 74.7 | 234 | Pg | 8:51:17.10 | 0.61 |
| | | | eSg | 51:25.70 | -1.29 |
| MPLH | 106.2 | 120 | eP*D | 8:51:22.00 | 0.00 |
| | | | eS* | 51:36.10 | -0.70 |
| MODS | 107.6 | 42 | ePn | 8:51:22.20 | 0.00 |
| | | | eSn | 51:37.20 | 0.04 |
| KOGS | 133.6 | 182 | eSn | 8:51:43.30 | 0.38 |
| | | | Pn | 8:51:25.70 | -0.07 |
| PKST | 136.3 | 109 | eSn | 51:45.20 | 1.69 |

166.

2014-05-22 time: 13:26:28.37 UTC ML= 2.5
 lat: 45.590N lon: 22.848E h= 8.7 km
 erh= 1.9km erz= 1.9km
 nr= 19 gap= 62 rms=0.56
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| GZR | 22.5 | 194 | iPg | 13:26:33.50 | 0.82 |
| | | | iPg | 13:26:34.90 | 0.46 |
| DEV | 32.9 | 7 | iPg | 13:26:34.90 | 0.46 |
| | | | iPgD | 13:26:40.70 | -0.91 |
| HERR | 85.8 | 203 | iPg | 13:26:43.60 | -0.16 |
| | | | iPgD | 13:26:45.00 | -0.61 |
| BZS | 96.2 | 272 | iPgD | 13:26:45.00 | -0.61 |
| | | | eSg | 26:56.60 | -2.45* |
| SRE | 106.8 | 165 | iPgD | 13:26:47.20 | -0.30 |
| | | | iPnD | 13:26:49.10 | -0.04 |
| SIRR | 119.1 | 309 | iPnD | 13:26:49.10 | -0.04 |
| | | | iPn | 13:26:50.50 | 0.42 |
| MDVR | 126.6 | 225 | iPn | 13:26:50.50 | 0.42 |
| | | | iPnD | 13:26:51.40 | 0.40 |
| DRGR | 134.0 | 355 | iPnD | 13:26:51.40 | 0.40 |
| | | | eSn | 27:06.40 | -2.26 |
| CJR | 137.7 | 25 | iPnD | 13:26:51.80 | 0.34 |
| | | | iPn | 13:26:51.40 | -0.57 |
| ARR | 141.7 | 100 | iPn | 13:26:51.40 | -0.57 |
| | | | iPnD | 13:27:00.20 | 0.72 |
| DOPR | 202.0 | 78 | iPnD | 13:27:00.20 | 0.72 |
| | | | iPnD | 13:27:04.20 | -0.28 |
| MLR | 242.1 | 93 | iPnD | 13:27:04.20 | -0.28 |
| | | | eSn | 27:34.90 | 2.25* |
| DIVS | 280.2 | 234 | Pn | 13:27:09.70 | 0.47 |
| | | | eSn | 27:40.60 | -0.50* |
| BURB | 289.2 | 39 | iPn | 13:27:12.30 | 1.95 |
| | | | Pn | 13:27:16.40 | 0.49* |
| PKSM | 333.7 | 282 | Pn | 13:27:16.40 | 0.49* |
| | | | ePn | 13:27:53.20 | 36.08* |
| PSZ | 343.5 | 319 | ePn | 13:27:53.20 | 36.08* |
| | | | ePn | 13:27:30.50 | 0.83* |
| VYHS | 444.1 | 317 | ePn | 13:27:30.50 | 0.83* |

167.

2014-05-22 time: 18:55:10.39 UTC ML= 2.7
 lat: 45.599N lon: 22.842E h= 0.5 km
 erh= 2.0km erz= 2.6km
 nr= 24 gap= 46 rms=0.68
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| GZR | 23.4 | 193 | iPg | 18:55:15.50 | 0.92 |
| | | | iPg | 18:55:16.80 | 0.70 |
| DEV | 32.0 | 9 | iPg | 18:55:16.80 | 0.70 |
| | | | iPgD | 18:55:22.50 | -1.18 |
| HERR | 86.5 | 203 | iPg | 18:55:25.60 | -0.24 |
| | | | iPgD | 18:55:27.00 | -0.47 |
| BZS | 95.6 | 271 | iPgD | 18:55:27.00 | -0.47 |
| | | | iPg | 18:55:29.90 | 0.23 |
| SRE | 108.0 | 165 | iPg | 18:55:29.90 | 0.23 |
| | | | iPgD | 18:55:31.20 | -0.27 |
| SIRR | 118.0 | 309 | iPgD | 18:55:31.20 | -0.27 |
| | | | iPgD | 18:55:32.50 | -0.57 |
| MDVR | 127.0 | 224 | iPgD | 18:55:32.50 | -0.57 |
| | | | iPnD | 18:55:33.20 | -0.73 |
| DRGR | 132.9 | 356 | iPnD | 18:55:33.20 | -0.73 |
| | | | iPnD | 18:55:34.00 | -0.04 |
| MDB | 133.8 | 63 | iPnD | 18:55:34.00 | -0.04 |
| | | | iPn | 18:55:34.70 | 0.44 |
| BANR | 135.6 | 260 | iPn | 18:55:34.70 | 0.44 |
| | | | iPnD | 18:55:33.80 | -0.63 |
| CJR | 136.9 | 25 | iPnD | 18:55:33.80 | -0.63 |
| | | | iPn | 18:55:39.80 | 0.16 |
| MTUR | 178.7 | 103 | iPn | 18:55:39.80 | 0.16 |
| | | | ePn | 18:55:40.80 | 0.50 |
| AMBH | 184.0 | 297 | ePn | 18:55:40.80 | 0.50 |
| | | | eSn | 56:04.50 | 0.87 |
| ARCR | 202.1 | 35 | iPn | 18:55:44.00 | 1.44 |
| | | | iPnD | 18:55:42.40 | -0.17 |
| DOPR | 202.2 | 78 | iPnD | 18:55:42.40 | -0.17 |
| | | | iPn | 18:55:45.30 | 2.23 |
| HUMR | 206.2 | 125 | iPn | 18:55:45.30 | 2.23 |
| | | | iPnD | 18:55:48.30 | 0.69 |
| MLR | 242.6 | 93 | iPnD | 18:55:48.30 | 0.69 |
| | | | ePn | 18:55:52.20 | 0.33 |
| PKS6 | 276.8 | 294 | ePn | 18:55:52.20 | 0.33 |
| | | | eSn | 56:22.80 | -1.42* |
| TRPA | 282.3 | 355 | ePn | 18:55:52.90 | 0.34 |
| | | | eSn | 56:21.80 | -3.65* |
| BURB | 288.6 | 39 | iPn | 18:55:54.90 | 1.55 |
| | | | iPnD | 18:55:55.50 | 1.02 |
| PLOR | 297.8 | 85 | iPnD | 18:55:55.50 | 1.02 |
| | | | eSn | 18:56:26.40 | -2.51* |
| PKS2 | 297.9 | 289 | eSn | 18:56:26.40 | -2.51* |
| | | | iPnD | 18:55:56.50 | 1.25* |
| VRI | 303.9 | 84 | iPnD | 18:55:56.50 | 1.25* |
| | | | ePnD | 18:55:58.40 | -0.46* |
| MORH | 332.9 | 282 | ePnD | 18:55:58.40 | -0.46* |
| | | | eSn | 56:33.10 | -3.57* |
| PKSM | 333.0 | 282 | ePnC | 18:55:58.50 | -0.38* |
| | | | eSn | 56:33.50 | -3.20* |
| PSZ | 342.3 | 319 | ePn | 18:56:00.80 | 0.76* |

Hypocenter Parameters

| | | | |
|----------------|------|-------------|--------|
| | eSn | 56:35.20 | -3.57* |
| PKSV 358.6 275 | ePnC | 18:56:01.80 | -0.28* |
| | eSn | 56:39.10 | -3.29* |
| PENC 365.4 312 | ePnD | 18:56:05.30 | 2.38* |
| KECS 367.3 331 | ePn | 18:56:04.00 | 0.85* |
| TIH 408.1 291 | ePn | 18:56:08.40 | 0.15* |
| | eSn | 56:50.20 | -3.17* |
| PKST 413.1 297 | ePnC | 18:56:09.40 | 0.54* |
| | eSn | 56:52.90 | -1.56* |
| VYHS 443.0 317 | ePn | 18:56:12.50 | -0.09* |
| MPLH 443.7 293 | ePn | 18:56:15.10 | 2.42* |
| | eSn | 57:00.10 | -1.17* |

168.

2014-05-24 time: 14:54:41.44 UTC ML= 0.9
 lat: 47.269N lon: 18.122E h= 9.3 km
 erh= 2.8km erz= 1.9km
 nr= 11 gap=144 rms=0.33
 Locality: Isztimér
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKST | 6.7 | 261 | ePgC | 14:54:43.30 | -0.19 |
| | | | eSg | 54:44.60 | -0.49 |
| CSKK | 14.8 | 45 | ePgD | 14:54:44.60 | 0.04 |
| | | | eSg | 54:47.30 | 0.30 |
| PKSG | 24.5 | 56 | ePgC | 14:54:46.00 | -0.12 |
| | | | eSg | 54:49.70 | -0.06 |
| MPLH | 45.5 | 256 | eSg | 14:54:56.80 | 0.60 |
| MORH | 123.7 | 161 | ePn | 14:55:03.20 | 0.49 |
| | | | eSn | 55:18.60 | -0.70 |
| PKSM | 124.0 | 161 | ePn | 14:55:03.00 | 0.24 |
| | | | eSn | 55:18.70 | -0.68 |

169.

2014-05-24 time: 21:19:00.60 UTC ML=-0.3
 lat: 47.415N lon: 18.200E h= 2.7 km
 erh= 4.2km erz=10.2km
 nr= 6 gap=244 rms=0.08
 Locality: Pusztavám
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 7.3 | 141 | ePg | 21:19:02.10 | 0.10 |
| | | | eSg | 19:03.00 | -0.09 |
| PKSG | 14.6 | 100 | ePgD | 21:19:03.30 | 0.04 |
| | | | eSg | 19:05.20 | -0.13 |
| PKST | 21.3 | 216 | ePgD | 21:19:04.40 | -0.04 |
| | | | eSg | 19:07.50 | 0.06 |

170.

2014-05-26 time: 7:06:19.66 UTC ML= 0.6
 lat: 47.452N lon: 18.334E h= 0.0 km
 erh= 7.8km erz= ***km
 nr= 6 gap=281 rms=0.60
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 8.0 | 147 | ePg | 7:06:21.00 | -0.09 |
| | | | eSg | 06:21.60 | -0.60 |
| CSKK | 11.4 | 209 | ePg | 7:06:22.40 | 0.71 |
| | | | eSg | 06:24.00 | 0.73 |
| PKST | 31.2 | 226 | ePg | 7:06:25.20 | -0.03 |
| | | | eSg | 06:28.50 | -1.08 |

Földrengés paraméterek

171.

2014-05-26 time: 7:06:48.30 UTC ML= 0.6
 lat: 47.437N lon: 18.347E h= 0.0 km
 erh= 5.9km erz= 743km
 nr= 6 gap=277 rms=0.44
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.0 | 147 | ePgC | 7:06:49.30 | -0.08 |
| | | | eSg | 06:49.90 | -0.32 |
| CSKK | 10.5 | 218 | ePg | 7:06:50.60 | 0.42 |
| | | | eSg | 06:52.10 | 0.45 |
| PKST | 30.9 | 230 | ePg | 7:06:53.90 | 0.09 |
| | | | eSg | 06:57.00 | -1.11 |

172.

2014-05-26 time: 7:07:22.11 UTC ML= 0.7
 lat: 47.433N lon: 18.360E h= 0.0 km
 erh= 3.3km erz= 402km
 nr= 6 gap=281 rms=0.23
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.1 | 153 | ePgC | 7:07:23.00 | -0.02 |
| | | | eSg | 07:23.60 | -0.14 |
| CSKK | 10.8 | 224 | ePg | 7:07:24.30 | 0.26 |
| | | | eSg | 07:25.90 | 0.36 |
| PKST | 31.3 | 232 | ePg | 7:07:27.60 | -0.10 |
| | | | eSg | 07:31.60 | -0.46 |

173.

2014-05-27 time: 11:25:23.87 UTC ML= 0.5
 lat: 47.487N lon: 18.042E h= 0.0 km
 erh= 5.1km erz= 661km
 nr= 6 gap=291 rms=0.38
 Locality: Kisbér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 21.5 | 130 | ePg | 11:25:28.10 | 0.39 |
| | | | eSg | 25:31.30 | 0.59 |
| PKST | 25.4 | 181 | ePgD | 11:25:28.50 | 0.10 |
| | | | eSg | 25:31.40 | -0.53 |
| PKSG | 28.4 | 112 | ePg | 11:25:28.70 | -0.24 |
| | | | eSg | 25:32.40 | -0.49 |

174.

2014-05-28 time: 8:04:37.71 UTC ML= 0.6
 lat: 47.445N lon: 18.363E h= 0.0 km
 erh= 7.1km erz= 800km
 nr= 5 gap=290 rms=0.38
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.3 | 161 | ePgC | 8:04:38.80 | -0.03 |
| | | | eSg | 04:39.40 | -0.30 |
| CSKK | 12.0 | 220 | ePgC | 8:04:40.10 | 0.26 |
| | | | eSg | 04:42.00 | 0.50 |
| PKST | 32.3 | 230 | eSg | 8:04:47.20 | -0.78 |

Földrengés paraméterek

Hypocenter Parameters

175.

2014-05-28 time: 8:51:16.59 UTC ML= 1.6
 lat: 48.615N lon: 20.756E h= 0.0 km
 erh= 0.7km erz= 1.4km
 nr= 7 gap=147 rms=0.09
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 24.8 | 234 | ePg | 8:51:20.90 | -0.11 |
| | | | eSg | 51:24.60 | 0.15 |
| PSZ | 100.5 | 220 | ePg | 8:51:34.60 | 0.07 |
| | | | eSg | 51:48.40 | -0.12 |
| LANS | 111.6 | 302 | ePg | 8:51:36.50 | -0.02 |
| KOLS | 117.0 | 72 | eSg | 8:51:53.80 | 0.02 |
| VYHS | 142.3 | 265 | ePn | 8:51:41.40 | 0.03 |

176.

2014-05-28 time: 12:22:09.79 UTC ML= 0.2
 lat: 47.514N lon: 18.215E h= 0.0 km
 erh= 4.4km erz= 583km
 nr= 6 gap=290 rms=0.34
 Locality: Dad
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 17.1 | 168 | ePg | 12:22:12.70 | -0.15 |
| | | | eSg | 22:15.90 | 0.66 |
| PKSG | 19.0 | 136 | ePg | 12:22:13.30 | 0.12 |
| | | | eSg | 22:15.30 | -0.53 |
| PKST | 31.5 | 206 | ePgC | 12:22:15.60 | 0.19 |
| | | | eSg | 22:19.40 | -0.39 |

177.

2014-05-28 time: 12:39:18.00 UTC ML= 1.1
 lat: 47.502N lon: 18.196E h= 0.0 km
 erh= 3.6km erz= 10.0km
 nr= 7 gap=286 rms=0.54
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| CSKK | 16.2 | 162 | ePgC | 12:39:20.80 | -0.10 |
| | | | eSg | 39:24.00 | 0.85 |
| PKSG | 19.1 | 130 | ePgC | 12:39:21.30 | -0.12 |
| | | | eSg | 39:23.50 | -0.58 |
| PKST | 29.6 | 204 | ePgD | 12:39:23.60 | 0.30 |
| | | | eSg | 39:27.30 | -0.13 |
| PKSM | 147.4 | 167 | eSn | 12:39:58.70 | -4.54* |

178.

2014-05-29 time: 13:02:00.37 UTC ML= 0.4
 lat: 47.479N lon: 18.067E h= 0.0 km
 erh= 4.7km erz= 605km
 nr= 6 gap=286 rms=0.35
 Locality: Vérteskethely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.5 | 132 | ePg | 13:02:04.30 | 0.45 |
| | | | eSg | 02:07.10 | 0.54 |
| PKST | 24.6 | 186 | ePgC | 13:02:04.80 | 0.03 |
| | | | eSg | 02:07.80 | -0.40 |
| PKSG | 26.3 | 112 | ePgC | 13:02:04.90 | -0.16 |
| | | | eSg | 02:08.20 | -0.52 |

179.

2014-06-02 time: 6:53:47.24 UTC ML= 0.1
 lat: 47.291N lon: 18.335E h= 0.0 km
 erh= 2.0km erz= 275km
 nr= 6 gap=241 rms=0.16
 Locality: Magyaralmás
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 9.8 | 325 | ePg | 6:53:49.13 | 0.14 |
| | | | eSg | 53:50.04 | -0.32 |
| PKSG | 12.0 | 21 | ePg | 6:53:49.23 | -0.16 |
| | | | eSg | 53:51.44 | 0.38 |
| PKST | 23.0 | 261 | ePgC | 6:53:51.38 | 0.03 |
| | | | eSg | 53:54.50 | -0.06 |

180.

2014-06-02 time: 12:16:32.23 UTC ML= 0.7
 lat: 47.203N lon: 18.316E h= 0.0 km
 erh= 3.5km erz= 505km
 nr= 8 gap=251 rms=0.40
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 18.3 | 347 | ePg | 12:16:35.24 | -0.26 |
| | | | eSg | 16:37.93 | -0.12 |
| PKSG | 21.8 | 15 | ePg | 12:16:36.21 | 0.09 |
| | | | eSg | 16:39.68 | 0.53 |
| PKST | 22.2 | 286 | ePg | 12:16:35.87 | -0.33 |
| | | | eSg | 16:38.71 | -0.59 |
| MPLH | 59.0 | 266 | ePg | 12:16:43.24 | 0.48 |
| | | | eSg | 16:53.00 | 2.02 |

181.

2014-06-03 time: 6:43:56.63 UTC ML= 1.9
 lat: 46.903N lon: 17.087E h= 0.0 km
 erh= 1.2km erz= 149km
 nr= 8 gap=319 rms=0.11
 Locality: Zalaudvarnok
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| MPLH | 45.4 | 49 | ePg | 6:44:04.89 | 0.15 |
| | | | eSg | 44:11.06 | -0.01 |
| TIH | 61.4 | 90 | ePgC | 6:44:07.59 | -0.01 |
| | | | eSg | 44:16.32 | 0.16 |
| PKST | 82.1 | 61 | ePgC | 6:44:11.31 | 0.02 |
| | | | eSg | 44:22.68 | -0.05 |
| CSKK | 102.7 | 60 | ePg | 6:44:14.74 | -0.22 |
| | | | eSg | 44:29.20 | -0.07 |

182.

2014-06-03 time: 6:58:56.53 UTC ML= 0.7
 lat: 47.323N lon: 18.407E h= 0.0 km
 erh= 5.3km erz= 738km
 nr= 6 gap=265 rms=0.45
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.8 | 351 | ePgC | 6:58:57.82 | -0.09 |
| | | | eSg | 58:58.27 | -0.72 |
| CSKK | 12.0 | 292 | ePg | 6:58:59.26 | 0.59 |
| | | | eSg | 59:00.99 | 0.66 |
| PKST | 29.1 | 256 | ePgC | 6:59:01.66 | -0.07 |
| | | | eSg | 59:05.28 | -0.50 |

Hypocenter Parameters

Földrengés paraméterek

183.

2014-06-03 time: 6:59:16.47 UTC ML= 0.6
 lat: 47.360N lon: 18.415E h= 0.0 km
 erh= 2.2km erz= 263km
 nr= 5 gap=276 rms=0.12
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.0 | 333 | ePgC | 6:59:17.21 | 0.02 |
| | | | eSg | 59:17.62 | -0.13 |
| CSKK | 11.7 | 272 | ePg | 6:59:18.73 | 0.18 |
| | | | eSg | 59:20.27 | 0.10 |
| PKST | 30.9 | 249 | ePgC | 6:59:21.84 | -0.14 |

184.

2014-06-03 time: 8:12:35.39 UTC ML= 1.4
 lat: 47.951N lon: 20.043E h= 0.0 km
 erh= 2.5km erz= 472km
 nr= 7 gap=223 rms=0.31
 Locality: Bodony
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 11.7 | 252 | ePgC | 8:12:37.09 | -0.39 |
| | | | eSg | 12:39.55 | 0.44 |
| KECS | 67.7 | 29 | eSg | 8:12:56.80 | -0.11 |
| IZAB | 73.0 | 340 | ePg | 8:12:48.50 | 0.08 |
| | | | eSg | 12:58.70 | 0.11 |
| VYHS | 108.1 | 304 | ePg | 8:12:55.10 | 0.40 |
| | | | eSg | 13:09.40 | -0.36 |

185.

2014-06-04 time: 7:11:14.92 UTC ML= 0.7
 lat: 47.063N lon: 18.032E h= 0.0 km
 erh= 4.5km erz= 394km
 nr= 5 gap=174 rms=0.18
 Locality: Balatonfűzfő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| TIH | 21.0 | 210 | ePg | 7:11:18.79 | 0.12 |
| | | | eSg | 11:21.51 | -0.08 |
| PKST | 21.8 | 0 | ePgC | 7:11:18.67 | -0.14 |
| CSKK | 37.6 | 27 | ePg | 7:11:21.95 | 0.32 |
| PKSG | 45.5 | 37 | ePg | 7:11:22.88 | -0.17 |

186.

2014-06-04 time: 12:05:16.26 UTC ML= 1.6
 lat: 47.874N lon: 19.085E h= 0.0 km
 erh= 5.6km erz= ***km
 nr= 8 gap=223 rms=0.81
 Locality: Berkenye
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PENC | 17.4 | 122 | ePg | 12:05:18.66 | -0.72 |
| | | | eSg | 05:23.21 | 1.40 |
| PSZ | 60.8 | 85 | ePg | 12:05:26.31 | -0.80 |
| | | | eSg | 05:34.81 | -0.77 |
| VYHS | 71.4 | 345 | ePg | 12:05:29.50 | 0.49 |
| | | | eSg | 05:38.50 | -0.44 |
| IZAB | 90.2 | 31 | ePg | 12:05:33.50 | 1.12 |
| | | | eSg | 05:44.80 | -0.15 |

187.

2014-06-04 time: 12:22:21.45 UTC ML= 0.4
 lat: 47.234N lon: 18.282E h= 0.0 km
 erh= 4.7km erz= 504km
 nr= 7 gap=238 rms=0.37
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 14.4 | 353 | ePgC | 12:22:23.95 | -0.08 |
| | | | ePg | 12:22:24.28 | -0.56 |
| PKST | 19.0 | 278 | ePg | 22:27.17 | -0.31 |
| | | | eSg | 12:22:24.76 | -0.15 |
| PKSG | 19.4 | 25 | ePg | 22:27.69 | 0.09 |
| | | | eSg | 12:22:32.21 | 0.63 |
| MPLH | 56.7 | 263 | ePgC | 22:39.70 | 0.22 |
| | | | eSg | | |

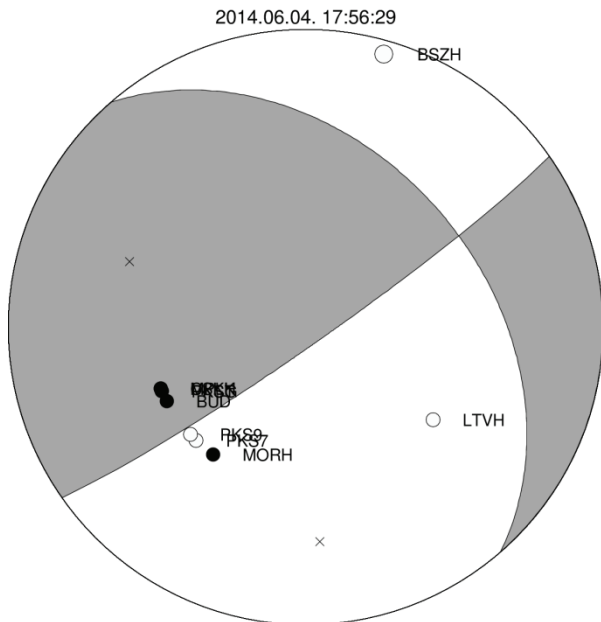
188.

2014-06-04 time: 17:56:29.00 UTC ML= 3.0
 lat: 48.040N lon: 20.573E h= 7.1 km
 erh= 2.5km erz= 2.5km
 nr= 42 gap= 50 rms=1.18
 Locality: Bükkszentkereszt
 Comments: felt 5 EMS

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| KECS | 49.8 | 352 | ePg | 17:56:37.90 | -0.08 |
| | | | eSg | 56:44.30 | -0.68 |
| PSZ | 52.4 | 255 | ePg | 17:56:38.45 | 0.00 |
| | | | eSg | 56:45.19 | -0.63 |
| BSZH | 85.4 | 196 | ePgD | 17:56:44.38 | 0.07 |
| | | | eSg | 56:56.70 | 0.46 |
| IZAB | 86.8 | 313 | ePg | 17:56:43.70 | -0.86 |
| | | | eSg | 56:55.30 | -1.39 |
| PENC | 100.4 | 254 | ePg | 17:56:46.80 | -0.18 |
| CRVS | 116.3 | 34 | ePn | 17:56:49.20 | -0.42 |
| | | | eSn | 57:03.50 | -2.20 |
| LTVH | 123.4 | 126 | ePnD | 17:56:50.38 | -0.13 |
| | | | eSn | 57:07.30 | 0.02 |
| BUD | 131.6 | 242 | ePnC | 17:56:50.57 | -0.96 |
| | | | eSn | 57:08.57 | -0.53 |
| VYHS | 138.5 | 291 | ePn | 17:56:52.20 | -0.19 |
| | | | eSn | 57:08.70 | -1.94 |
| TRPA | 146.8 | 86 | ePn | 17:56:52.80 | -0.63 |
| | | | eSn | 57:11.39 | -1.09 |
| LANS | 148.0 | 327 | ePn | 17:56:54.30 | 0.72 |
| | | | eSn | 57:12.30 | -0.45 |
| PKS7 | 153.2 | 224 | ePnD | 17:56:54.74 | 0.51 |
| KOLS | 160.2 | 52 | e n | 17:56:54.30 | -0.80 |
| | | | eSn | 57:17.80 | 2.34 |
| STHS | 160.9 | 18 | e n | 17:56:57.90 | 2.72 |
| | | | eSn | 57:17.40 | 1.79 |
| PKS6 | 177.3 | 205 | ePn | 17:56:59.23 | 2.00 |
| PKSG | 178.9 | 246 | ePnC | 17:56:57.55 | 0.12 |
| AMBH | 188.2 | 176 | ePn | 17:56:53.22 | -5.36 |
| CSKK | 189.2 | 247 | ePnC | 17:56:59.04 | 0.33 |
| | | | eSn | 57:25.96 | 4.08 |
| PKST | 209.6 | 246 | ePnC | 17:57:01.34 | 0.09 |
| PKS9 | 237.0 | 227 | ePnD | 17:57:08.60 | 3.93 |
| | | | eSn | 57:37.58 | 5.08* |
| TIH | 238.5 | 238 | ePn | 17:57:08.81 | 3.95 |
| MPLH | 247.8 | 247 | ePnC | 17:57:06.27 | 0.26 |
| MODS | 247.8 | 279 | ePn | 17:57:10.70 | 4.68 |
| MORH | 250.1 | 216 | ePnC | 17:57:04.63 | -1.67 |
| PKSM | 250.6 | 216 | ePn | 17:57:04.63 | -1.73 |
| | | | eSn | 57:31.96 | -3.55 |
| OKC | 267.5 | 318 | ePn | 17:57:08.40 | -0.08 |
| PKSV | 297.3 | 216 | ePn | 17:57:12.99 | 0.80 |
| SOP | 303.0 | 262 | ePn | 17:57:26.98 | 14.07* |
| CONA | 351.9 | 268 | Pn | 17:57:18.96 | -0.05* |
| | | | Sn | 57:54.11 | -3.90* |
| KRLC | 357.9 | 309 | ePn | 17:57:20.30 | 0.56* |
| ARSA | 389.5 | 257 | Pn | 17:57:24.37 | 0.69* |

Földrengés paraméterek

GOPC 472.1 296 ePn 17:57:33.60 -0.39*
 KHC 530.2 283 ePn 17:57:41.50 0.27*
 KBA 554.4 259 Pn 17:57:45.32 1.07*



189.

2014-06-04 time: 17:56:53.12 UTC ML= 3.2
 lat: 48.077N lon: 20.599E h= 3.0 km
 erh= 3.0km erz= 2.9km
 nr= 25 gap= 68 rms=1.41
 Locality: Lillafüred
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 45.9 | 349 | ePg | 17:57:02.10 | 0.77 |
| | | | eSg | 57:08.70 | 0.96 |
| PSZ | 55.5 | 251 | ePg | 17:57:02.62 | -0.42 |
| | | | eSg | 57:10.10 | -0.68 |
| IZAB | 85.5 | 310 | ePg | 17:57:08.30 | -0.09 |
| | | | eSg | 57:19.60 | -0.71 |
| BSZH | 90.0 | 196 | ePg | 17:57:09.15 | -0.04 |
| | | | eSg | 57:20.96 | -0.77 |
| PENC | 103.5 | 252 | eSg | 17:57:26.65 | 0.62 |
| CRVS | 111.7 | 35 | eSg | 17:57:27.70 | -0.93 |
| LTVH | 124.3 | 128 | ePn | 17:57:14.80 | -0.47 |
| | | | eSn | 57:31.51 | -1.05 |
| BUD | 135.3 | 241 | eSn | 17:57:34.02 | -0.97 |
| VYHS | 138.8 | 289 | eSn | 17:57:33.10 | -2.67 |
| TRPA | 144.6 | 88 | eSn | 17:57:35.80 | -1.26 |
| LANS | 145.6 | 325 | eSn | 17:57:36.80 | -0.48 |
| KOLS | 156.1 | 52 | eSn | 17:57:42.90 | 3.30 |
| PKS7 | 157.6 | 223 | eSn | 17:57:39.08 | -0.86 |
| PKS6 | 181.9 | 205 | eSn | 17:57:47.27 | 1.93 |
| SMOL | 240.2 | 282 | eSn | 17:58:03.10 | 4.82 |
| PKS9 | 241.3 | 227 | eSn | 17:58:03.09 | 4.57 |
| MODS | 249.0 | 278 | eSn | 17:58:05.80 | 5.56 |
| MORH | 254.6 | 216 | eSn | 17:58:06.29 | 4.82 |
| PKSM | 255.1 | 216 | eSn | 17:58:06.48 | 4.90 |
| ZST | 260.6 | 273 | e n | 17:57:35.10 | 2.83 |

190.

2014-06-04 time: 20:02:03.89 UTC ML=-0.3
 lat: 47.391N lon: 18.215E h= 0.6 km
 erh= 5.7km erz=34.3km
 nr= 6 gap=227 rms=0.09
 Locality: Mór
 Comments:

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 4.7 | 132 | ePg | 20:02:04.91 | 0.18 |
| | | | eSg | 02:05.22 | -0.16 |
| PKSG | 13.3 | 90 | ePgD | 20:02:06.23 | -0.03 |
| | | | eSg | 02:08.15 | 0.03 |
| PKST | 20.0 | 223 | ePgD | 20:02:07.46 | -0.01 |
| | | | eSg | 02:10.22 | -0.04 |

191.

2014-06-05 time: 1:44:20.26 UTC ML= 2.6
 lat: 48.070N lon: 20.573E h= 2.7 km
 erh= 2.0km erz= 1.9km
 nr= 48 gap= 49 rms=1.03
 Locality: Bükkzentkereszt
 Comments: felt 4-5 EMS

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KECS | 46.4 | 352 | ePg | 1:44:29.40 | 0.85 |
| | | | eSg | 44:35.90 | 0.88 |
| PSZ | 53.4 | 252 | ePgC | 1:44:29.81 | 0.01 |
| | | | eSg | 44:36.99 | -0.25 |
| IZAB | 84.5 | 311 | ePg | 1:44:35.30 | -0.06 |
| | | | eSg | 44:46.90 | -0.24 |
| BSZH | 88.7 | 195 | ePgD | 1:44:35.73 | -0.37 |
| | | | eSg | 44:48.39 | -0.07 |
| PENC | 101.4 | 252 | ePg | 1:44:38.02 | -0.34 |
| | | | eSg | 44:50.92 | -1.57 |
| CRVS | 113.5 | 35 | ePg | 1:44:40.70 | 0.18 |
| | | | eSg | 44:55.10 | -1.23 |
| LTVH | 125.4 | 127 | ePnC | 1:44:42.16 | -0.42 |
| | | | eSn | 44:58.83 | -1.17 |
| BUD | 133.2 | 241 | ePnD | 1:44:42.77 | -0.78 |
| | | | eSn | 45:00.23 | -1.48 |
| VYHS | 137.2 | 290 | ePn | 1:44:43.60 | -0.46 |
| | | | eSn | 45:00.30 | -2.32 |
| PKSN | 140.8 | 202 | ePn | 1:44:45.03 | 0.53 |
| | | | eSn | 45:03.15 | -0.27 |
| LANS | 145.2 | 326 | ePn | 1:44:45.90 | 0.86 |
| | | | eSn | 45:03.70 | -0.68 |
| TRPA | 146.6 | 87 | ePn | 1:44:44.47 | -0.76 |
| | | | eSn | 45:03.16 | -1.54 |
| PKS7 | 155.6 | 223 | ePnC | 1:44:46.20 | -0.15 |
| | | | eSn | 45:06.38 | -0.32 |
| KOLS | 158.1 | 53 | ePn | 1:44:47.90 | 1.24 |
| SRO2 | 166.4 | 258 | eSn | 1:45:09.70 | 0.61 |
| SRO | 171.2 | 260 | eSn | 1:45:11.20 | 1.04 |
| PKSG | 180.2 | 245 | ePn | 1:44:50.04 | 0.62 |
| | | | eSn | 45:12.35 | 0.19 |
| PKS6 | 180.4 | 205 | eSn | 1:45:14.93 | 2.74 |
| CSKK | 190.5 | 246 | ePnC | 1:44:50.58 | -0.11 |
| | | | eSn | 45:13.75 | -0.69 |
| AMBH | 191.6 | 177 | eSn | 1:45:16.65 | 1.97 |
| PKS2 | 203.4 | 210 | ePn | 1:44:54.90 | 2.60 |
| | | | eSn | 45:21.23 | 3.93 |
| PKST | 210.9 | 245 | ePn | 1:44:52.39 | -0.85 |
| | | | eSn | 45:17.51 | -1.46 |
| PKS9 | 239.3 | 226 | ePn | 1:44:59.72 | 2.94 |
| | | | eSn | 45:29.79 | 4.52* |
| TIH | 240.2 | 237 | ePn | 1:44:56.73 | -0.17 |
| | | | eSn | 45:27.79 | 2.31 |
| MODS | 247.2 | 278 | eSn | 1:45:32.80 | 5.78* |
| MPLH | 249.0 | 246 | ePnC | 1:44:57.83 | -0.16 |
| | | | eSn | 45:36.76 | 9.33* |
| MORH | 252.8 | 215 | ePnC | 1:44:56.19 | -2.27 |
| | | | eSn | 45:32.69 | 4.43* |
| PKSM | 253.3 | 215 | ePnC | 1:44:56.27 | -2.25 |
| | | | eSn | 45:33.44 | 5.07* |
| OKC | 264.9 | 318 | ePn | 1:45:05.60 | 5.62* |
| PKSV | 300.0 | 216 | ePn | 1:45:02.39 | -1.96* |
| | | | eSn | 45:47.44 | 8.70* |
| CONA | 351.9 | 267 | Pn | 1:45:10.22 | -0.61* |
| KRLC | 355.6 | 309 | ePn | 1:45:11.80 | 0.52* |
| | | | eSn | 45:50.40 | -0.69* |

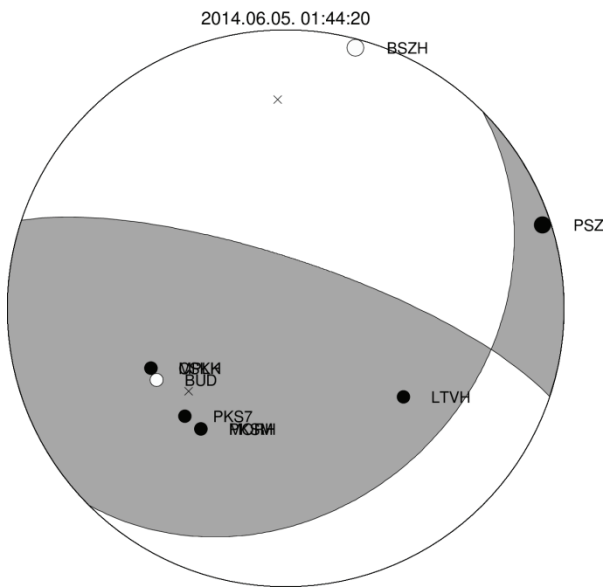
Hypocenter Parameters

ARSA 390.1 256 Pn 1:45:15.83 0.24*
 SOKA 446.1 250 Pn 1:45:23.99 1.42*
 OBKA 487.6 249 Pn 1:45:28.28 0.54*

Földrengés paraméterek

194.

2014-06-08 time: 21:57:46.69 UTC ML= 2.4
 lat: 47.849N lon: 16.215E h= 2.0 km
 erh= 1.9km erz= 1.9km
 nr= 65 gap= 50 rms=1.23
 Locality: Austria
 Comments:



| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| CONA | 27.8 | 288 | Pg | 21:57:51.62 | | | -0.06 |
| | | | Sg | 57:55.76 | | | 0.20 |
| SOP | 31.7 | 126 | ePgC | 21:57:53.05 | | | 0.69 |
| | | | eSg | 57:57.12 | | | 0.34 |
| ZST | 76.6 | 60 | ePg | 21:57:59.50 | | | -0.88 |
| | | | eSg | 58:10.40 | | | -0.66 |
| ARSA | 84.5 | 218 | Pg | 21:58:00.72 | | | -1.07 |
| | | | Sg | 58:11.57 | | | -1.99 |
| MODS | 98.3 | 54 | ePg | 21:58:03.50 | | | -0.75 |
| | | | eSg | 58:17.10 | | | -0.84 |
| SMOL | 116.7 | 51 | ePg | 21:58:07.40 | | | -0.13 |
| MPLH | 125.1 | 127 | ePg | 21:58:08.97 | | | -0.07 |
| | | | eSg | 58:26.16 | | | -0.31 |
| MOA | 145.9 | 270 | Pn | 21:58:10.98 | | | -0.68 |
| | | | Sn | 58:29.76 | | | -1.38 |
| PKST | 151.9 | 116 | ePnD | 21:58:12.33 | | | -0.08 |
| | | | eSn | 58:31.27 | | | -1.20 |
| SRO | 157.2 | 91 | ePn | 21:58:12.60 | | | -0.47 |
| | | | eSn | 58:32.60 | | | -1.05 |
| SOKA | 158.0 | 214 | Pn | 21:58:12.75 | | | -0.43 |
| | | | Sn | 58:31.65 | | | -2.18 |
| BEHE | 159.1 | 165 | ePn | 21:58:16.12 | | | 2.81 |
| | | | eSn | 58:37.62 | | | 3.54 |
| CSKK | 163.0 | 109 | ePn | 21:58:13.99 | | | 0.18 |
| | | | eSn | 58:33.75 | | | -1.20 |
| SRO2 | 163.5 | 93 | ePn | 21:58:14.60 | | | 0.73 |
| | | | eSn | 58:33.40 | | | -1.66 |
| TIH | 164.9 | 130 | ePnD | 21:58:16.26 | | | 2.22 |
| TREC | 169.5 | 342 | ePn | 21:58:14.90 | | | 0.29 |
| | | | eSn | 58:35.50 | | | -0.88 |
| PKSG | 171.3 | 107 | ePn | 21:58:14.55 | | | -0.28 |
| | | | eSn | 58:35.20 | | | -1.58 |
| OBKA | 195.3 | 220 | Pn | 21:58:18.24 | | | 0.41 |
| | | | Sn | 58:43.51 | | | 1.40 |
| VYHS | 207.7 | 70 | ePn | 21:58:18.80 | | | -0.58 |
| | | | eSn | 58:42.60 | | | -2.27 |
| BUD | 214.9 | 101 | ePn | 21:58:24.28 | | | 4.01 |
| PENC | 229.8 | 92 | ePn | 21:58:24.45 | | | 2.33 |
| KBA | 232.8 | 248 | Pn | 21:58:23.61 | | | 1.11 |
| | | | Sn | 58:54.75 | | | 4.32 |
| MYKA | 237.4 | 235 | Pn | 21:58:23.99 | | | 0.92 |
| | | | Sn | 58:50.21 | | | -1.24 |
| PKS7 | 239.4 | 112 | ePn | 21:58:23.77 | | | 0.44 |
| KHC | 241.5 | 306 | ePn | 21:58:25.80 | | | 2.22 |
| | | | eSn | 58:51.70 | | | -0.66 |
| GOPC | 252.4 | 335 | ePn | 21:58:28.90 | | | 3.96 |
| | | | eSn | 58:58.50 | | | 3.72 |
| MORH | 259.0 | 135 | ePn | 21:58:25.13 | | | -0.64 |
| | | | eSn | 58:52.31 | | | -3.94 |
| PKSM | 259.2 | 135 | ePn | 21:58:25.13 | | | -0.66 |
| | | | eSn | 58:52.41 | | | -3.87 |
| OKC | 262.7 | 33 | ePn | 21:58:26.70 | | | 0.47 |
| | | | eSn | 58:56.20 | | | -0.87 |
| PRU | 267.6 | 333 | ePn | 21:58:28.20 | | | 1.35 |
| | | | eSn | 58:58.00 | | | -0.17 |
| PKSV | 267.7 | 145 | ePnD | 21:58:26.60 | | | -0.25 |
| | | | eSn | 58:56.73 | | | -1.44 |
| IZAB | 272.0 | 73 | ePn | 21:58:26.50 | | | -0.89 |
| | | | eSn | 58:57.50 | | | -1.64 |
| PSZ | 275.3 | 88 | ePn | 21:58:28.89 | | | 1.08 |
| | | | eSn | 59:00.10 | | | 0.22 |
| DPC | 278.2 | 2 | ePn | 21:58:32.40 | | | 4.23 |
| | | | eSn | 59:07.30 | | | 6.78* |
| PRA | 279.4 | 332 | ePn | 21:58:29.70 | | | 1.39 |

192.

2014-06-05 time: 8:53:32.64 UTC ML= 1.3
 lat: 47.453N lon: 18.747E h= 0.0 km
 erh= 3.6km erz= 3.5km
 nr= 12 gap=153 rms=0.61
 Locality: Etyek
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 27.7 | 256 | ePgD | 8:53:38.01 | | | 0.42 |
| | | | eSg | 53:40.93 | | | -0.53 |
| CSKK | 38.1 | 255 | ePg | 8:53:38.91 | | | -0.53 |
| | | | eSg | 53:44.55 | | | -0.19 |
| PKST | 58.0 | 248 | ePg | 8:53:42.57 | | | -0.43 |
| | | | eSg | 53:49.86 | | | -1.22 |
| MPLH | 96.6 | 251 | eSg | 8:54:03.11 | | | -0.23 |
| VYHS | 115.9 | 3 | ePg | 8:53:53.80 | | | 0.47 |
| | | | eSg | 54:07.40 | | | -2.07 |
| MORH | 137.8 | 183 | eSn | 8:54:16.65 | | | 0.91 |
| PKSM | 138.3 | 183 | eSn | 8:54:16.93 | | | 1.09 |
| IZAB | 143.4 | 30 | eSn | 8:54:16.80 | | | -0.19 |

193.

2014-06-07 time: 19:41:14.78 UTC ML= 2.5
 lat: 48.408N lon: 22.826E h= 7.2 km
 erh= 4.8km erz= 1.6km
 nr= 11 gap=246 rms=0.35
 Locality: Ukraine
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| TRPA | 37.5 | 215 | ePgC | 19:41:21.55 | | | -0.06 |
| | | | eSg | 41:26.69 | | | -0.24 |
| KOLS | 71.2 | 325 | ePg | 19:41:27.50 | | | -0.06 |
| | | | eSg | 41:37.70 | | | 0.18 |
| CRVS | 114.6 | 299 | ePn | 19:41:34.80 | | | -0.38 |
| LTVH | 133.2 | 211 | ePn | 19:41:37.77 | | | 0.27 |
| | | | eSn | 41:55.32 | | | 0.09 |
| KECS | 173.3 | 273 | ePn | 19:41:43.30 | | | 0.79 |
| PSZ | 224.8 | 256 | ePnD | 19:41:48.45 | | | -0.48 |
| | | | eSn | 42:20.55 | | | 4.99* |
| IZAB | 230.8 | 274 | eSn | 19:42:21.60 | | | 4.70* |
| VYHS | 295.3 | 272 | ePn | 19:41:57.10 | | | -0.62 |
| | | | eSn | 42:32.30 | | | 1.09* |

Földrengés paraméterek

Hypocenter Parameters

| | | | |
|----------------|-----|-------------|--------|
| | eSn | 59:06.60 | 5.83* |
| LANS 280.6 59 | ePn | 21:58:29.20 | 0.74 |
| | eSn | 59:00.70 | -0.34 |
| UPC 296.0 357 | ePn | 21:58:35.60 | 5.22* |
| | eSn | 59:11.10 | 6.64* |
| ABTA 305.7 246 | Pn | 21:58:38.78 | 7.19* |
| | Sn | 59:15.37 | 8.76* |
| PVCC 321.2 338 | ePn | 21:58:34.70 | 1.18* |
| | eSn | 59:18.50 | 8.45* |
| KECS 325.4 77 | ePn | 21:58:34.20 | 0.15* |
| WATA 353.5 261 | Sn | 21:59:17.11 | -0.12* |
| NKC 382.3 314 | ePn | 21:58:42.80 | 1.66* |
| | eSn | 59:35.70 | 12.09* |
| MOTA 388.5 262 | Pn | 21:58:45.95 | 4.04* |
| | Sn | 59:23.66 | -1.32* |
| CRVS 405.9 73 | ePn | 21:58:44.50 | 0.41* |
| RETA 411.5 264 | Pn | 21:58:46.90 | 2.12* |
| | Sn | 59:29.37 | -0.72* |
| DAVA 480.8 263 | Pn | 21:58:54.58 | 1.16* |
| | Sn | 59:44.50 | -0.97* |

195.

2014-06-10 time: 3:41:17.24 UTC ML= 1.1
 lat: 47.935N lon: 19.181E h= 8.4 km
 erh= 2.8km erz=10.0km
 nr= 7 gap=183 rms=0.56
 Locality: Bánk
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PENC | 17.8 | 155 | ePgC | 3:41:20.21 | | | -0.54 |
| | | | eSg | 41:22.88 | | | -0.60 |
| PSZ | 53.4 | 92 | ePgD | 3:41:27.33 | | | 0.45 |
| | | | eSg | 41:34.82 | | | 0.42 |
| VYHS | 67.2 | 338 | ePg | 3:41:30.20 | | | 0.87 |
| | | | eSg | 41:38.40 | | | -0.36 |
| IZAB | 80.7 | 29 | eSg | 3:41:42.50 | | | -0.54 |

196.

2014-06-10 time: 9:08:04.74 UTC ML= 1.5
 lat: 48.635N lon: 20.766E h= 0.0 km
 erh= 1.8km erz= 3.6km
 nr= 12 gap=146 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| KECS | 26.7 | 231 | ePg | 9:08:09.40 | | | -0.10 |
| | | | eSg | 08:13.70 | | | 0.48 |
| CRVS | 59.1 | 60 | ePg | 9:08:15.70 | | | 0.40 |
| | | | eSg | 08:23.20 | | | -0.33 |
| IZAB | 78.0 | 265 | ePg | 9:08:18.30 | | | -0.37 |
| | | | eSg | 08:29.50 | | | -0.05 |
| PSZ | 102.6 | 219 | ePgD | 9:08:23.04 | | | -0.02 |
| | | | eSg | 08:37.22 | | | -0.14 |
| LANS | 111.2 | 301 | ePg | 9:08:24.60 | | | 0.01 |
| KOLS | 115.6 | 73 | eSg | 9:08:41.10 | | | -0.39 |
| VYHS | 143.3 | 264 | ePn | 9:08:30.80 | | | 1.16 |
| | | | eSn | 08:47.80 | | | -1.26 |

197.

2014-06-10 time: 9:35:48.15 UTC ML= 0.4
 lat: 47.236N lon: 18.182E h= 0.0 km
 erh= 5.0km erz= 667km
 nr= 7 gap=219 rms=0.44
 Locality: Bakonykúti
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKST | 11.5 | 283 | ePgC | 9:35:49.64 | | | -0.57 |
| | | | eSg | 35:52.10 | | | 0.29 |

| | | | | | | | |
|------|------|-----|------|------------|--|--|-------|
| CSKK | 15.4 | 23 | ePg | 9:35:50.45 | | | -0.45 |
| | | | eSg | 35:53.09 | | | 0.05 |
| PKSG | 23.5 | 42 | ePgC | 9:35:52.32 | | | -0.02 |
| | | | eSg | 35:56.12 | | | 0.51 |
| MPLH | 49.3 | 262 | ePg | 9:35:57.62 | | | 0.67 |

198.

2014-06-10 time: 9:45:13.19 UTC ML= 0.3
 lat: 47.175N lon: 18.218E h= 0.0 km
 erh= 1.9km erz= 248km
 nr= 6 gap=275 rms=0.15
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKST | 16.7 | 304 | ePgC | 9:45:16.16 | | | -0.02 |
| | | | eSg | 45:18.62 | | | 0.11 |
| CSKK | 21.1 | 9 | ePg | 9:45:16.77 | | | -0.19 |
| | | | eSg | 45:19.66 | | | -0.25 |
| PKSG | 27.4 | 29 | ePgC | 9:45:18.22 | | | 0.14 |
| | | | eSg | 45:22.05 | | | 0.15 |

199.

2014-06-10 time: 12:14:12.55 UTC ML= 1.7
 lat: 48.472N lon: 19.373E h= 0.0 km
 erh= 1.6km erz= 600km
 nr= 12 gap= 92 rms=0.49
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| IZAB | 27.3 | 67 | ePg | 12:14:17.80 | | | 0.37 |
| | | | eSg | 14:21.90 | | | 0.67 |
| VYHS | 39.8 | 274 | ePg | 12:14:19.70 | | | 0.04 |
| | | | eSg | 14:24.70 | | | -0.50 |
| PSZ | 72.7 | 148 | ePg | 12:14:25.73 | | | 0.19 |
| | | | eSg | 14:34.82 | | | -0.86 |
| LANS | 75.8 | 5 | ePg | 12:14:26.50 | | | 0.41 |
| | | | eSg | 14:35.40 | | | -1.24 |
| PENC | 76.1 | 185 | ePg | 12:14:26.45 | | | 0.31 |
| | | | eSg | 14:36.22 | | | -0.51 |
| KECS | 82.3 | 89 | ePg | 12:14:26.80 | | | -0.44 |
| | | | eSg | 14:37.10 | | | -1.60 |

200.

2014-06-10 time: 12:57:24.52 UTC ML= 0.5
 lat: 47.198N lon: 18.205E h= 0.0 km
 erh= 1.6km erz= 543km
 nr= 10 gap=135 rms=0.42
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PKST | 14.6 | 298 | ePgD | 12:57:26.95 | | | -0.17 |
| | | | eSg | 57:29.32 | | | 0.17 |
| CSKK | 18.9 | 13 | ePgD | 12:57:27.64 | | | -0.25 |
| | | | eSg | 57:29.43 | | | -1.09 |
| PKSG | 25.8 | 33 | ePg | 12:57:29.70 | | | 0.58 |
| | | | eSg | 57:32.93 | | | 0.22 |
| MORH | 114.2 | 163 | ePg | 12:57:45.40 | | | 0.49 |
| | | | eSg | 58:00.86 | | | 0.04 |
| PKSM | 114.6 | 163 | ePg | 12:57:45.12 | | | 0.14 |
| | | | eSg | 58:00.23 | | | -0.70 |

Hypocenter Parameters

Földrengés paraméterek

201.

2014-06-10 time: 20:29:18.73 UTC ML= 1.3
 lat: 48.399N lon: 22.698E h= 2.8 km
 erh= 9.0km erz=84.9km
 nr= 5 gap=229 rms=0.45
 Locality: Ukraine
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| TRPA | 32.1 | 202 | ePgC | 20:29:24.02 | -0.47 |
| | | | eSg | 29:29.13 | 0.15 |
| KOLS | 67.2 | 332 | eSg | 20:29:40.10 | 0.00 |
| CRVS | 107.0 | 302 | ePg | 20:29:38.60 | 0.76 |
| | | | eSg | 29:52.50 | -0.24 |

202.

2014-06-11 time: 6:54:05.05 UTC ML= 0.4
 lat: 47.354N lon: 18.396E h= 0.0 km
 erh= 4.7km erz= 614km
 nr= 6 gap=255 rms=0.38
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.2 | 354 | ePgC | 6:54:05.63 | -0.17 |
| | | | eSg | 54:06.07 | -0.31 |
| CSKK | 10.3 | 275 | ePg | 6:54:07.05 | 0.16 |
| | | | eSg | 54:08.52 | 0.19 |
| PKST | 29.4 | 249 | ePgC | 6:54:10.74 | 0.45 |
| | | | eSg | 54:13.50 | -0.88 |

203.

2014-06-11 time: 6:54:36.92 UTC ML= 0.5
 lat: 47.429N lon: 18.395E h= 0.0 km
 erh= 3.0km erz= 374km
 nr= 6 gap=309 rms=0.22
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.1 | 185 | ePgC | 6:54:37.74 | 0.09 |
| | | | eSg | 54:38.18 | -0.04 |
| CSKK | 12.5 | 234 | ePg | 6:54:39.17 | 0.02 |
| | | | eSg | 54:40.43 | -0.45 |
| PKST | 33.1 | 235 | ePgC | 6:54:42.74 | -0.09 |
| | | | eSg | 54:47.93 | 0.48 |

204.

2014-06-11 time: 6:55:05.02 UTC ML= 0.7
 lat: 47.445N lon: 18.436E h= 0.0 km
 erh= 4.4km erz= 410km
 nr= 6 gap=334 rms=0.24
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.8 | 210 | ePgC | 6:55:06.36 | 0.12 |
| | | | eSg | 55:07.00 | -0.18 |
| CSKK | 16.0 | 236 | ePgC | 6:55:07.85 | -0.04 |
| | | | eSg | 55:09.78 | -0.34 |
| PKST | 36.7 | 236 | ePgC | 6:55:11.55 | -0.03 |
| | | | eSg | 55:17.47 | 0.78 |

205.

2014-06-11 time: 6:55:38.16 UTC ML= 0.7
 lat: 47.462N lon: 18.409E h= 0.0 km
 erh= 4.3km erz= 490km
 nr= 6 gap=319 rms=0.29
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.9 | 190 | ePgC | 6:55:39.74 | 0.17 |
| | | | eSg | 55:40.45 | -0.22 |
| CSKK | 15.7 | 226 | ePgD | 6:55:41.10 | 0.14 |
| | | | eSg | 55:42.70 | -0.44 |
| PKST | 36.2 | 231 | ePgC | 6:55:44.38 | -0.24 |
| | | | eSg | 55:50.24 | 0.58 |

206.

2014-06-12 time: 9:19:20.81 UTC ML= 1.5
 lat: 47.902N lon: 19.385E h= 0.0 km
 erh= 2.7km erz= 762km
 nr= 7 gap=125 rms=0.50
 Locality: Becske
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PENC | 14.6 | 212 | ePgD | 9:19:23.40 | -0.01 |
| | | | eSg | 19:25.48 | 0.04 |
| PSZ | 38.1 | 87 | ePg | 9:19:27.29 | -0.32 |
| | | | eSg | 19:33.26 | 0.34 |
| VYHS | 77.5 | 328 | ePg | 9:19:34.50 | -0.15 |
| IZAB | 78.1 | 18 | ePg | 9:19:35.70 | 0.95 |
| | | | eSg | 19:44.60 | -1.03 |

207.

2014-06-12 time: 11:35:28.05 UTC ML= 0.1
 lat: 47.206N lon: 18.298E h= 0.0 km
 erh= 1.7km erz= 214km
 nr= 6 gap=268 rms=0.13
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 17.8 | 351 | ePgC | 11:35:31.19 | -0.03 |
| | | | eSg | 35:33.43 | -0.26 |
| PKST | 20.8 | 287 | ePg | 11:35:31.83 | 0.06 |
| | | | eSg | 35:34.68 | 0.01 |
| PKSG | 21.9 | 19 | ePg | 11:35:31.92 | -0.03 |
| | | | eSg | 35:35.29 | 0.29 |

208.

2014-06-13 time: 6:09:22.88 UTC ML= 0.5
 lat: 47.329N lon: 18.410E h= 0.0 km
 erh= 5.1km erz= 687km
 nr= 6 gap=267 rms=0.41
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.1 | 348 | ePgC | 6:09:24.01 | -0.14 |
| | | | eSg | 09:24.60 | -0.54 |
| CSKK | 11.9 | 288 | ePgC | 6:09:25.34 | 0.33 |
| | | | eSg | 09:27.03 | 0.35 |
| PKST | 29.5 | 255 | ePgC | 6:09:28.39 | 0.24 |
| | | | eSg | 09:31.26 | -1.00 |

Földrengés paraméterek

Hypocenter Parameters

209.

eSg 06:06.50 -0.19

2014-06-13 time: 6:09:55.70 UTC ML= 0.7
 lat: 47.411N lon: 18.341E h= 0.0 km
 erh= 6.8km erz= 616km
 nr= 6 gap=246 rms=0.38
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSG | 4.3 | 120 | ePgC | 6:09:56.26 | | | -0.21 |
| | | | eSg | 09:56.87 | | | -0.21 |
| CSKK | 8.1 | 229 | ePgd | 6:09:57.60 | | | 0.46 |
| | | | eSg | 09:58.70 | | | 0.43 |
| PKST | 28.7 | 234 | ePgC | 6:10:00.80 | | | -0.02 |
| | | | eSg | 10:04.01 | | | -0.81 |

210.

2014-06-13 time: 7:32:59.55 UTC ML= 1.0
 lat: 47.305N lon: 18.697E h= 0.0 km
 erh= 6.3km erz= 542km
 nr= 5 gap=332 rms=0.25
 Locality: Kajászó
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSG | 25.1 | 293 | ePg | 7:33:04.34 | | | 0.31 |
| | | | eSg | 33:07.64 | | | 0.11 |
| CSKK | 33.6 | 281 | ePg | 7:33:05.24 | | | -0.32 |
| | | | eSg | 33:10.02 | | | -0.22 |
| PKST | 50.4 | 264 | eSg | 7:33:15.69 | | | 0.11 |

211.

2014-06-13 time: 17:37:06.52 UTC ML= 1.5
 lat: 48.061N lon: 20.579E h= 7.2 km
 erh= 3.6km erz= 2.7km
 nr= 11 gap=218 rms=0.52
 Locality: Bükkszentkereszt
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| KECS | 47.4 | 352 | ePg | 17:37:15.50 | | | 0.41 |
| | | | eSg | 37:21.80 | | | 0.03 |
| PSZ | 53.5 | 253 | ePg | 17:37:16.18 | | | 0.02 |
| | | | eSg | 37:23.77 | | | 0.10 |
| IZAB | 85.5 | 311 | ePg | 17:37:21.40 | | | -0.45 |
| | | | eSg | 37:31.50 | | | -2.30 |
| PENC | 101.5 | 253 | ePg | 17:37:24.92 | | | 0.23 |
| | | | eSg | 37:37.54 | | | -1.32 |
| CRVS | 114.0 | 35 | ePn | 17:37:26.60 | | | -0.26 |
| VYHS | 138.0 | 290 | ePn | 17:37:30.70 | | | 0.85 |
| | | | eSn | 37:47.30 | | | -0.74 |

212.

2014-06-14 time: 6:05:40.79 UTC ML= 1.2
 lat: 48.057N lon: 19.593E h= 0.0 km
 erh= 2.9km erz= ***km
 nr= 10 gap= 94 rms=0.85
 Locality: Nagylóc
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PSZ | 27.2 | 124 | ePgC | 6:05:45.07 | | | -0.58 |
| | | | eSg | 05:47.99 | | | -1.46 |
| PENC | 37.7 | 218 | ePg | 6:05:47.45 | | | -0.06 |
| | | | eSg | 05:53.94 | | | 1.18 |
| IZAB | 57.6 | 9 | ePg | 6:05:50.80 | | | -0.28 |
| | | | eSg | 05:59.30 | | | 0.19 |
| VYHS | 74.3 | 311 | ePg | 6:05:54.50 | | | 0.44 |
| | | | eSg | 06:03.40 | | | -1.02 |
| KECS | 81.5 | 54 | ePg | 6:05:57.10 | | | 1.76 |

213.

2014-06-15 time: 23:16:10.45 UTC ML= 0.6
 lat: 47.379N lon: 18.423E h= 8.0 km
 erh= 2.5km erz= 1.6km
 nr= 8 gap=231 rms=0.15
 Locality: Gánt
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| PKSG | 2.8 | 301 | ePgC | 23:16:12.06 | | | 0.09 |
| | | | eSg | 16:12.67 | | | -0.48 |
| CSKK | 12.4 | 262 | ePgC | 23:16:13.20 | | | 0.12 |
| | | | eSg | 16:14.88 | | | -0.25 |
| PKST | 32.2 | 246 | ePg | 23:16:16.46 | | | 0.08 |
| | | | eSg | 16:20.98 | | | -0.03 |
| MORH | 130.4 | 173 | eSn | 23:16:50.08 | | | -0.01 |
| PKSM | 130.8 | 173 | eSn | 23:16:50.15 | | | -0.03 |

214.

2014-06-16 time: 10:07:08.84 UTC ML= 1.8
 lat: 48.478N lon: 19.331E h= 0.0 km
 erh= 2.9km erz= 7.1km
 nr= 11 gap= 95 rms=1.12
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| IZAB | 29.9 | 70 | ePg | 10:07:14.50 | | | 0.31 |
| | | | eSg | 07:18.80 | | | 0.44 |
| VYHS | 36.6 | 273 | ePg | 10:07:16.10 | | | 0.72 |
| | | | eSg | 07:21.00 | | | 0.51 |
| PSZ | 75.0 | 146 | ePg | 10:07:23.88 | | | 1.66 |
| | | | eSg | 07:31.20 | | | -1.46 |
| LANS | 75.5 | 8 | eSg | 10:07:32.90 | | | 0.06 |
| PENC | 76.5 | 183 | eSg | 10:07:32.69 | | | -0.46 |
| KECS | 85.4 | 90 | ePg | 10:07:23.50 | | | -0.58 |
| | | | eSg | 07:33.50 | | | -2.47 |
| MODS | 152.5 | 266 | eSn | 10:07:52.40 | | | -2.79 |

215.

2014-06-16 time: 10:30:38.84 UTC ML= 1.4
 lat: 47.583N lon: 16.341E h= 2.5 km
 erh= 1.4km erz= 2.2km
 nr= 11 gap=122 rms=0.39
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|-------|
| SOP | 19.8 | 56 | ePgC | 10:30:42.34 | | | -0.06 |
| | | | eSg | 30:45.23 | | | 0.04 |
| CONA | 52.6 | 317 | Pg | 10:30:48.55 | | | 0.31 |
| | | | Sg | 30:54.97 | | | -0.60 |
| ARSA | 71.9 | 239 | Pg | 10:30:51.89 | | | 0.21 |
| | | | Sg | 31:01.21 | | | -0.50 |
| MPLH | 101.5 | 117 | ePg | 10:30:56.90 | | | -0.07 |
| | | | eSg | 31:11.41 | | | 0.30 |
| PKST | 132.8 | 106 | ePn | 10:31:01.64 | | | -0.46 |
| MOA | 158.5 | 281 | Pn | 10:31:06.70 | | | 1.40 |
| | | | Sn | 31:26.19 | | | 0.24 |

216.

2014-06-16 time: 10:44:33.84 UTC ML= 2.0
 lat: 48.247N lon: 21.249E h= 6.3 km
 erh= 1.6km erz= 1.7km
 nr= 15 gap=152 rms=0.42
 Locality: Tállya
 Comments:

Hypocenter Parameters

Földrengés paraméterek

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 62.4 | 295 | ePg | 10:44:44.90 | -0.14 |
| | | | eSg | 44:53.00 | -0.77 |
| CRVS | 74.5 | 12 | ePg | 10:44:47.30 | 0.11 |
| | | | eSg | 44:57.50 | -0.10 |
| TRPA | 96.8 | 98 | ePg | 10:44:50.91 | -0.25 |
| | | | eSg | 45:04.74 | 0.07 |
| KOLS | 107.3 | 45 | ePg | 10:44:53.50 | 0.46 |
| | | | eSg | 45:07.40 | -0.62 |
| PSZ | 107.4 | 250 | ePgC | 10:44:53.30 | 0.25 |
| | | | eSg | 45:08.19 | 0.16 |
| IZAB | 119.3 | 287 | ePn | 10:44:54.80 | -0.15 |
| | | | eSn | 45:10.20 | -1.20 |
| PENC | 155.3 | 251 | ePn | 10:44:59.05 | -0.39 |
| | | | eSn | 45:24.25 | 4.84* |
| LANS | 165.2 | 307 | eSn | 10:45:22.50 | 0.90 |
| VYHS | 180.9 | 279 | ePn | 10:45:03.10 | 0.47 |

217.

2014-06-17 time: 10:34:50.18 UTC ML= 1.2
 lat: 48.334N lon: 19.848E h= 0.0 km
 erh= 1.9km erz= 624km
 nr= 9 gap=108 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| IZAB | 27.9 | 339 | ePg | 10:34:55.40 | 0.23 |
| | | | eSg | 34:59.30 | 0.24 |
| PSZ | 46.4 | 176 | ePgD | 10:34:58.69 | 0.22 |
| | | | eSg | 35:05.30 | 0.37 |
| KECS | 50.0 | 71 | ePg | 10:34:58.70 | -0.41 |
| | | | eSg | 35:05.80 | -0.28 |
| VYHS | 77.0 | 283 | ePg | 10:35:03.50 | -0.43 |
| | | | eSg | 35:13.10 | -1.55 |
| LANS | 95.0 | 343 | ePg | 10:35:07.70 | 0.56 |

218.

2014-06-17 time: 12:10:04.26 UTC ML= 0.4
 lat: 47.187N lon: 18.297E h= 0.0 km
 erh= 2.2km erz= 270km
 nr= 6 gap=275 rms=0.16
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.7 | 352 | ePg | 12:10:07.86 | 0.08 |
| | | | eSg | 10:10.06 | -0.47 |
| PKST | 21.4 | 292 | ePgC | 12:10:08.08 | -0.01 |
| | | | eSg | 10:11.17 | 0.09 |
| PKSG | 23.8 | 17 | ePg | 12:10:08.43 | -0.08 |
| | | | eSg | 10:12.02 | 0.20 |

219.

2014-06-18 time: 6:54:33.25 UTC ML= 0.8
 lat: 47.435N lon: 18.441E h= 0.0 km
 erh= 6.9km erz= 570km
 nr= 6 gap=339 rms=0.34
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.2 | 218 | ePgC | 6:54:34.54 | 0.19 |
| | | | eSg | 54:35.18 | -0.03 |
| CSKK | 15.8 | 240 | ePgD | 6:54:35.94 | -0.14 |
| | | | eSg | 54:37.36 | -0.92 |
| PKST | 36.5 | 237 | ePg | 6:54:39.76 | 0.00 |
| | | | eSg | 54:45.42 | 0.58 |

220.

2014-06-18 time: 6:55:24.11 UTC ML= 0.5
 lat: 47.422N lon: 18.367E h= 0.0 km
 erh= 1.8km erz= 206km
 nr= 6 gap=277 rms=0.12
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 3.8 | 152 | ePgC | 6:55:24.78 | -0.02 |
| | | | eSg | 55:25.36 | 0.02 |
| CSKK | 10.3 | 231 | ePgD | 6:55:26.16 | 0.20 |
| | | | eSg | 55:27.38 | -0.02 |
| PKST | 31.0 | 234 | ePg | 6:55:29.48 | -0.16 |
| | | | eSg | 55:33.87 | -0.09 |

221.

2014-06-18 time: 7:01:01.61 UTC ML= 0.7
 lat: 47.430N lon: 18.384E h= 0.0 km
 erh= 0.3km erz= 34.2km
 nr= 5 gap=299 rms=0.02
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.3 | 173 | ePgC | 7:01:02.37 | 0.00 |
| | | | eSg | 01:02.97 | 0.00 |
| CSKK | 11.9 | 231 | ePgD | 7:01:03.76 | 0.02 |
| | | | eSg | 01:05.39 | 0.00 |
| PKST | 32.5 | 234 | ePg | 7:01:07.40 | -0.02 |

222.

2014-06-18 time: 11:00:01.09 UTC ML= 0.9
 lat: 47.202N lon: 18.345E h= 0.0 km
 erh= 3.4km erz= 540km
 nr= 8 gap=257 rms=0.39
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.0 | 340 | ePg | 11:00:04.39 | -0.10 |
| | | | eSg | 00:06.89 | -0.26 |
| PKSG | 21.4 | 9 | ePg | 11:00:04.59 | -0.32 |
| | | | eSg | 00:08.73 | 0.84 |
| PKST | 24.4 | 285 | ePg | 11:00:05.68 | 0.23 |
| | | | eSg | 00:08.20 | -0.64 |
| MPLH | 61.2 | 267 | ePg | 11:00:12.03 | 0.01 |
| | | | eSg | 00:21.00 | 0.46 |

223.

2014-06-18 time: 22:39:10.39 UTC ML= 1.1
 lat: 46.298N lon: 19.706E h= 7.1 km
 erh= 3.7km erz= 2.0km
 nr= 16 gap=266 rms=0.56
 Locality: Öttömös
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKS6 | 35.3 | 342 | ePg | 22:39:16.45 | -0.37 |
| | | | eSg | 39:22.07 | 0.24 |
| PKS2 | 43.6 | 300 | ePg | 22:39:19.02 | 0.74 |
| | | | eSg | 39:26.19 | 1.75 |
| MORH | 82.4 | 264 | ePg | 22:39:24.57 | -0.59 |
| | | | eSg | 39:36.92 | 0.24 |
| PKSM | 82.7 | 263 | ePg | 22:39:24.59 | -0.62 |
| | | | eSg | 39:37.58 | 0.82 |
| PKS7 | 93.2 | 333 | ePg | 22:39:26.98 | -0.10 |
| | | | eSg | 39:39.61 | -0.48 |
| PKS9 | 114.3 | 286 | ePn | 22:39:30.57 | -0.20 |
| | | | eSn | 39:46.17 | -0.50 |

Földrengés paraméterek

PKSV 121.3 248 ePn 22:39:31.51 -0.14
 PKSG 157.7 320 ePn 22:39:37.20 1.02
 eSn 39:55.73 -0.57
 PKST 166.5 310 ePn 22:39:37.95 0.67

224.

2014-06-20 time: 21:01:47.70 UTC ML= 1.9
 lat: 46.051N lon: 16.268E h= 14.0 km
 erh= 2.7km erz= 1.8km
 nr= 33 gap=151 rms=0.91
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| KOGS | 44.2 | 358 | iPgD | 21:01:55.64 | | | -0.34 |
| | | | eSg | 02:01.17 | | | -1.27 |
| GOLS | 50.0 | 265 | iPg | 21:01:57.19 | | | 0.21 |
| GCIS | 53.7 | 248 | iPg | 21:01:57.86 | | | 0.25 |
| BEHE | 60.9 | 40 | ePg | 21:02:03.59 | | | 4.74 |
| | | | eSg | 02:09.59 | | | 2.04 |
| DOBS | 62.8 | 280 | iPg | 21:01:59.18 | | | 0.00 |
| CESS | 62.9 | 262 | iPg | 21:01:59.63 | | | 0.42 |
| | | | eSg | 02:06.79 | | | -1.40 |
| CRES | 67.7 | 248 | iPg | 21:02:00.03 | | | -0.01 |
| LEGS | 74.5 | 261 | iPg | 21:02:01.20 | | | -0.03 |
| GROS | 74.6 | 308 | iPg | 21:02:00.77 | | | -0.49 |
| PERS | 110.0 | 306 | iPn | 21:02:06.26 | | | -0.40 |
| | | | eSn | 02:19.84 | | | -1.60 |
| BISS | 110.1 | 307 | iPn | 21:02:06.23 | | | -0.44 |
| | | | eSn | 02:19.46 | | | -2.01 |
| SOKA | 117.9 | 306 | Pn | 21:02:08.39 | | | 0.74 |
| | | | Sn | 02:21.36 | | | -1.85 |
| OBKA | 142.0 | 291 | Pn | 21:02:12.09 | | | 1.44 |
| | | | Sn | 02:29.88 | | | 1.33 |
| ARSA | 145.1 | 337 | Pn | 21:02:11.77 | | | 0.74 |
| | | | Sn | 02:28.90 | | | -0.33 |
| PKSV | 154.8 | 97 | ePn | 21:02:11.59 | | | -0.66 |
| | | | eSn | 02:32.56 | | | 1.16 |
| MPLH | 158.0 | 38 | ePn | 21:02:14.60 | | | 1.95 |
| | | | eSn | 02:34.12 | | | 2.01 |
| PKS9 | 165.9 | 69 | ePn | 21:02:19.13 | | | 5.49* |
| PKSM | 184.3 | 84 | ePnC | 21:02:15.12 | | | -0.80 |
| | | | eSn | 02:35.23 | | | -2.71 |
| MORH | 184.5 | 84 | ePnC | 21:02:15.07 | | | -0.89 |
| | | | eSn | 02:35.34 | | | -2.65 |
| PKST | 190.6 | 45 | ePnC | 21:02:16.87 | | | 0.16 |
| CONA | 211.0 | 352 | Pn | 21:02:19.89 | | | 0.63 |
| | | | Sn | 02:50.56 | | | 6.69* |
| MOA | 251.4 | 323 | Pn | 21:02:26.14 | | | 1.84 |
| VYHS | 334.0 | 36 | ePn | 21:02:34.50 | | | -0.09* |
| | | | eSn | 03:06.80 | | | -4.37* |

225.

2014-06-20 time: 23:42:08.85 UTC ML= 1.0
 lat: 45.739N lon: 18.346E h= 0.9 km
 erh= 1.0km erz=15.3km
 nr= 8 gap=313 rms=0.29
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| PKSV | 18.2 | 336 | ePgD | 23:42:11.70 | | | -0.40 |
| | | | eSg | 42:14.02 | | | -0.61 |
| PKSM | 57.4 | 24 | ePgD | 23:42:19.30 | | | 0.21 |
| | | | eSg | 42:26.96 | | | -0.12 |
| MORH | 57.9 | 24 | ePgD | 23:42:19.34 | | | 0.16 |
| | | | eSg | 42:27.09 | | | -0.15 |
| PKS9 | 94.4 | 357 | ePgD | 23:42:26.00 | | | 0.29 |
| | | | eSg | 42:39.07 | | | 0.20 |

Hypocenter Parameters

226.

2014-06-22 time: 3:43:04.33 UTC ML= 1.9
 lat: 45.805N lon: 20.644E h= 6.2 km
 erh= 3.6km erz= 4.5km
 nr= 20 gap= 90 rms=0.64
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| BZS | 78.6 | 105 | Pg | 3:43:19.30 | | | 0.90 |
| | | | eSg | 43:28.50 | | | -0.88 |
| FRGS | 99.0 | 221 | Pg | 3:43:22.00 | | | -0.03 |
| | | | eSg | 43:35.00 | | | -0.84 |
| PKS6 | 121.4 | 317 | ePnD | 3:43:25.45 | | | -0.25 |
| | | | eSn | 43:42.67 | | | 0.29 |
| PKS2 | 134.3 | 305 | ePn | 3:43:27.01 | | | -0.30 |
| | | | eSn | 43:46.46 | | | 1.21 |
| PKSN | 135.3 | 334 | ePn | 3:43:27.55 | | | 0.11 |
| | | | eSn | 43:45.44 | | | -0.02 |
| MORH | 161.5 | 286 | ePnD | 3:43:30.36 | | | -0.34 |
| | | | eSn | 43:52.52 | | | 1.25 |
| PKSM | 161.6 | 286 | ePnD | 3:43:30.34 | | | -0.37 |
| | | | eSn | 43:51.68 | | | 0.39 |
| PKSV | 186.0 | 273 | ePn | 3:43:35.39 | | | 1.63 |
| | | | eSn | 44:00.66 | | | 3.94* |
| DRGR | 193.4 | 55 | Pn | 3:43:33.80 | | | -0.88 |
| DIVS | 196.6 | 195 | Pn | 3:43:35.00 | | | -0.07 |
| PKS9 | 202.2 | 295 | eSn | 3:43:59.39 | | | -0.92 |
| PKSG | 246.8 | 316 | ePn | 3:43:41.14 | | | -0.20 |
| | | | eSn | 44:15.05 | | | 4.84* |
| PKST | 257.3 | 309 | ePn | 3:43:42.91 | | | 0.26 |

227.

2014-06-22 time: 21:42:11.03 UTC ML= 3.2
 lat: 45.574N lon: 21.503E h= 0.4 km
 erh= 5.2km erz= 3.1km
 nr= 21 gap=269 rms=0.82
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-----|--------|
| AMBH | 105.2 | 325 | ePgD | 21:42:30.05 | | | 0.23 |
| | | | eSg | 42:43.51 | | | -0.96 |
| PKS6 | 188.4 | 307 | ePnD | 21:42:41.16 | | | -0.34 |
| | | | eSn | 43:01.90 | | | -3.36 |
| PKSN | 193.8 | 319 | ePn | 21:42:43.30 | | | 1.13 |
| | | | eSn | 43:07.74 | | | 1.28 |
| LTVH | 203.6 | 9 | ePnD | 21:42:43.63 | | | 0.24 |
| | | | eSn | 43:07.11 | | | -1.52 |
| BSZH | 214.0 | 334 | ePn | 21:42:44.69 | | | -0.01 |
| | | | eSn | 43:14.95 | | | 3.99* |
| MORH | 233.1 | 288 | ePnD | 21:42:46.28 | | | -0.79 |
| | | | eSn | 43:16.55 | | | 1.36 |
| PKSM | 233.2 | 288 | ePn | 21:42:46.36 | | | -0.72 |
| | | | eSn | 43:17.20 | | | 1.99 |
| PKS7 | 243.7 | 312 | ePn | 21:42:48.43 | | | 0.04 |
| | | | eSn | 43:19.07 | | | 1.53 |
| PKSV | 255.5 | 278 | ePn | 21:42:49.11 | | | -0.75 |
| | | | eSn | 43:24.16 | | | 4.00* |
| PKS9 | 273.7 | 294 | ePnD | 21:42:51.59 | | | -0.54 |
| PSZ | 288.1 | 335 | ePnD | 21:42:53.08 | | | -0.85 |
| | | | eSn | 43:30.16 | | | 2.76* |
| PENC | 299.3 | 325 | ePn | 21:42:54.67 | | | -0.66* |
| | | | eSn | 43:31.49 | | | 1.60* |
| PKSG | 313.0 | 310 | ePnD | 21:42:56.24 | | | -0.79* |
| | | | eSn | 43:39.95 | | | 7.03* |
| TIH | 315.1 | 298 | ePn | 21:42:56.81 | | | -0.48* |
| | | | eSn | 43:31.60 | | | -1.78* |
| CSKK | 318.7 | 309 | ePnD | 21:42:57.20 | | | -0.55* |
| | | | eSn | 43:42.10 | | | 7.91* |
| PKST | 325.9 | 305 | ePn | 21:42:58.16 | | | -0.48* |
| | | | eSn | 43:31.63 | | | -4.16* |
| KECS | 332.5 | 347 | ePn | 21:43:00.00 | | | 0.53* |

Hypocenter Parameters

SRO 348.6 316 ePn 21:43:01.40 -0.07*
MPLH 352.8 300 ePn 21:43:02.08 0.08*
eSn 43:36.51 -5.26*
CRVS 370.0 360 ePn 21:43:03.80 -0.34*
KOLS 378.0 9 ePn 21:43:05.10 -0.03*
eSn 43:58.10 10.76*
VYHS 382.7 328 ePn 21:43:05.10 -0.63*
LANS 426.3 339 ePn 21:43:11.80 0.64*
MODS 447.5 314 ePn 21:43:12.50 -1.31*
eSn 43:55.50 -7.28*
ARSA 496.1 292 Pn 21:43:18.12 -1.75*
Sn 44:08.04 -5.53*
CONA 504.3 301 Pn 21:43:20.98 0.09*
Sn 44:08.13 -7.25*
SOKA 515.0 284 Pn 21:43:20.97 -1.25*
Sn 44:11.16 -6.59*
OKC 536.8 332 ePn 21:43:24.70 -0.24*
MOA 608.5 295 Pn 21:43:34.31 0.43*
KHC 717.6 303 ePn 21:43:45.90 -1.58*
eSn 44:54.80 -7.92*

228.

2014-06-24 time: 9:04:44.42 UTC ML= 0.7
lat: 47.104N lon: 17.980E h= 10.0 km
erh= 1.8km erz= 1.8km
nr= 13 gap=109 rms=0.40
Locality: Litér
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 17.7 | 13 | ePgD | 9:04:47.10 | -0.94 |
| | | | eSg | 04:51.48 | 0.61 |
| TIH | 23.7 | 196 | ePg | 9:04:48.83 | -0.18 |
| | | | eSg | 04:52.94 | 0.35 |
| MPLH | 34.2 | 282 | ePg | 9:04:50.81 | 0.02 |
| | | | eSg | 04:56.31 | 0.55 |
| CSKK | 35.7 | 36 | ePg | 9:04:51.24 | 0.19 |
| | | | eSg | 04:56.64 | 0.42 |
| PKSG | 44.6 | 44 | eSg | 9:04:59.11 | 0.18 |
| MORH | 111.1 | 153 | ePn | 9:05:04.13 | 0.11 |
| | | | eSn | 05:18.91 | -0.40 |
| PKSM | 111.4 | 153 | ePn | 9:05:04.13 | 0.07 |
| | | | eSn | 05:19.71 | 0.33 |

229.

2014-06-24 time: 10:28:12.60 UTC ML= 0.8
lat: 47.104N lon: 17.993E h= 10.0 km
erh= 2.4km erz= 2.5km
nr= 12 gap=110 rms=0.53
Locality: Litér
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKST | 17.5 | 10 | ePgC | 10:28:15.25 | -0.94 |
| | | | eSg | 28:18.72 | -0.28 |
| TIH | 23.9 | 198 | ePg | 10:28:17.23 | 0.00 |
| | | | eSg | 28:22.09 | 1.24 |
| MPLH | 35.2 | 282 | ePg | 10:28:19.15 | 0.02 |
| | | | eSg | 28:24.64 | 0.42 |
| CSKK | 35.2 | 35 | eSg | 10:28:24.88 | 0.65 |
| PKSG | 43.9 | 43 | eSg | 10:28:27.57 | 0.65 |
| MORH | 110.6 | 153 | ePn | 10:28:32.21 | 0.06 |
| | | | eSn | 28:47.36 | -0.04 |
| PKSM | 110.9 | 153 | ePn | 10:28:32.28 | 0.09 |
| | | | eSn | 28:46.56 | -0.91 |

Földrengés paraméterek

230.

2014-06-24 time: 11:09:32.23 UTC ML= 1.5
lat: 48.050N lon: 19.612E h= 0.0 km
erh= 1.1km erz= 375km
nr= 9 gap= 96 rms=0.28
Locality: Nagylóc
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 25.7 | 125 | ePgC | 11:09:36.68 | -0.14 |
| | | | eSg | 09:40.43 | 0.04 |
| PENC | 37.9 | 221 | ePgC | 11:09:39.01 | 0.00 |
| | | | eSg | 09:44.58 | 0.29 |
| IZAB | 58.2 | 7 | ePg | 11:09:42.90 | 0.28 |
| | | | eSg | 09:51.50 | 0.77 |
| VYHS | 75.9 | 311 | ePg | 11:09:45.80 | 0.02 |
| | | | eSg | 09:55.90 | -0.44 |
| KECS | 80.8 | 53 | ePg | 11:09:46.30 | -0.36 |

231.

2014-06-24 time: 11:18:49.32 UTC ML= 1.1
lat: 48.056N lon: 19.655E h= 0.0 km
erh= 1.9km erz= 537km
nr= 7 gap= 93 rms=0.37
Locality: Sósartyán
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 23.6 | 131 | ePgC | 11:18:53.61 | 0.08 |
| | | | eSg | 18:56.63 | -0.18 |
| PENC | 40.6 | 223 | ePg | 11:18:55.82 | -0.76 |
| | | | eSg | 19:02.72 | 0.49 |
| IZAB | 57.2 | 4 | ePg | 11:18:59.90 | 0.37 |
| KECS | 77.8 | 52 | ePg | 11:19:03.40 | 0.18 |
| VYHS | 77.9 | 309 | ePg | 11:19:03.00 | -0.22 |

232.

2014-06-25 time: 11:05:35.73 UTC ML= 0.2
lat: 47.195N lon: 18.315E h= 0.0 km
erh= 2.4km erz= 321km
nr= 6 gap=274 rms=0.19
Locality: Székesfehérvár
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.2 | 348 | ePg | 11:05:39.37 | 0.22 |
| | | | eSg | 05:41.76 | -0.06 |
| PKST | 22.4 | 289 | ePg | 11:05:39.91 | 0.18 |
| | | | eSg | 05:42.58 | -0.27 |
| PKSG | 22.6 | 15 | ePg | 11:05:39.55 | -0.22 |
| | | | eSg | 05:42.98 | 0.05 |

233.

2014-06-26 time: 11:11:47.07 UTC ML= 0.6
lat: 47.229N lon: 18.314E h= 0.0 km
erh= 4.5km erz= 733km
nr= 8 gap=246 rms=0.54
Locality: Moha
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 15.4 | 345 | ePg | 11:11:49.37 | -0.45 |
| | | | eSg | 11:51.88 | -0.10 |
| PKSG | 19.0 | 18 | ePgC | 11:11:50.78 | 0.32 |
| | | | eSg | 11:53.55 | 0.44 |
| PKST | 21.4 | 279 | ePg | 11:11:50.42 | -0.47 |
| | | | eSg | 11:53.22 | -0.65 |
| MPLH | 59.0 | 264 | ePg | 11:11:57.73 | 0.12 |
| | | | eSg | 12:07.52 | 1.69 |

Földrengés paraméterek

Hypocenter Parameters

234.

2014-06-26 time: 23:09:23.65 UTC ML= 1.6
 lat: 46.055N lon: 17.070E h= 12.7 km
 erh= 3.5km erz= 4.4km
 nr= 19 gap=157 rms=0.71
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| BEHE | 51.4 | 334 | ePg | 23:09:30.80 | -2.31 |
| | | | eSg | 09:40.77 | 0.28 |
| KOGS | 76.9 | 305 | Pg | 23:09:37.90 | 0.34 |
| | | | eSg | 09:48.40 | -0.02 |
| PTJ | 87.9 | 259 | Pg | 23:09:39.90 | 0.39 |
| | | | eSg | 09:51.20 | -0.69 |
| PKSV | 93.4 | 101 | eP* | 23:09:40.91 | 0.48 |
| PKS9 | 110.3 | 58 | ePnD | 23:09:42.28 | -0.53 |
| | | | eSn | 09:58.08 | 0.32 |
| TIH | 113.2 | 34 | ePn | 23:09:42.49 | -0.69 |
| | | | eSn | 09:56.64 | -1.77 |
| PKSM | 122.6 | 82 | ePnC | 23:09:43.97 | -0.39 |
| | | | eSn | 10:01.63 | 1.12 |
| MORH | 122.9 | 82 | ePnC | 23:09:43.98 | -0.41 |
| | | | eSn | 10:01.24 | 0.67 |
| MPLH | 129.1 | 16 | ePn | 23:09:45.22 | 0.06 |
| | | | eSn | 10:01.59 | -0.34 |
| PKST | 152.8 | 29 | ePnC | 23:09:49.59 | 1.47 |
| | | | eSn | 10:08.10 | 0.89 |
| PKS2 | 172.2 | 74 | eSn | 23:10:15.81 | 4.31* |

235.

2014-06-27 time: 7:20:40.42 UTC ML= 0.5
 lat: 47.412N lon: 18.370E h= 0.0 km
 erh= 3.8km erz= 394km
 nr= 5 gap=268 rms=0.18
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 2.7 | 144 | ePg | 7:20:40.83 | -0.08 |
| | | | eSg | 20:41.31 | 0.03 |
| CSKK | 9.9 | 237 | ePg | 7:20:42.26 | 0.08 |
| | | | eSg | 20:43.22 | -0.33 |
| PKST | 30.5 | 236 | eSg | 7:20:50.39 | 0.27 |

236.

2014-06-27 time: 7:21:32.57 UTC ML= 0.7
 lat: 47.432N lon: 18.429E h= 0.0 km
 erh= 6.3km erz= 613km
 nr= 6 gap=334 rms=0.37
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.4 | 213 | ePg | 7:21:33.50 | -0.03 |
| | | | eSg | 21:34.00 | -0.27 |
| CSKK | 14.9 | 239 | ePg | 7:21:34.95 | -0.28 |
| | | | eSg | 21:36.88 | -0.42 |
| PKST | 35.5 | 237 | ePg | 7:21:39.29 | 0.38 |
| | | | eSg | 21:44.55 | 0.69 |

237.

2014-06-27 time: 7:31:19.35 UTC ML= 0.6
 lat: 47.450N lon: 18.388E h= 0.0 km
 erh= 5.8km erz= 730km
 nr= 6 gap=307 rms=0.42
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|-----------|-----|
|-----|------|-----|-------|-----------|-----|

| | | | | | |
|------|------|-----|------|------------|-------|
| PKSG | 6.4 | 178 | ePgC | 7:31:20.69 | 0.19 |
| | | | eSg | 31:21.24 | -0.15 |
| CSKK | 13.6 | 225 | ePg | 7:31:22.05 | 0.27 |
| | | | eSg | 31:23.32 | -0.35 |
| PKST | 34.1 | 232 | ePg | 7:31:24.76 | -0.68 |
| | | | eSg | 31:30.88 | 0.69 |

238.

2014-06-27 time: 7:31:58.05 UTC ML= 0.7
 lat: 47.430N lon: 18.361E h= 0.0 km
 erh= 4.0km erz= 489km
 nr= 6 gap=279 rms=0.28
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.8 | 152 | ePgC | 7:31:58.90 | -0.01 |
| | | | eSg | 31:59.54 | -0.03 |
| CSKK | 10.6 | 226 | ePg | 7:31:59.63 | -0.31 |
| | | | eSg | 32:01.79 | 0.38 |
| PKST | 31.1 | 232 | ePg | 7:32:03.97 | 0.36 |
| | | | eSg | 32:07.53 | -0.41 |

239.

2014-06-27 time: 9:08:53.82 UTC ML= 0.8
 lat: 45.962N lon: 18.249E h= 0.0 km
 erh= 3.1km erz= 209km
 nr= 6 gap=229 rms=0.13
 Locality: Szalánta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 8.2 | 178 | ePg | 9:08:55.43 | 0.15 |
| | | | eSg | 08:56.13 | -0.29 |
| PKSM | 41.1 | 48 | ePg | 9:09:01.13 | -0.03 |
| | | | eSg | 09:06.93 | 0.04 |
| MORH | 41.6 | 47 | ePg | 9:09:01.18 | -0.07 |
| | | | eSg | 09:07.15 | 0.11 |

240.

2014-06-27 time: 10:37:47.92 UTC ML= 1.1
 lat: 48.132N lon: 20.105E h= 10.0 km
 erh= 4.3km erz=21.9km
 nr= 6 gap=178 rms=0.55
 Locality: Zabar
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 28.5 | 214 | ePg | 10:37:53.05 | -0.25 |
| | | | eSg | 37:57.46 | -0.04 |
| KECS | 48.2 | 36 | eSg | 10:38:03.20 | -0.36 |
| IZAB | 56.7 | 329 | ePg | 10:37:59.10 | 0.91 |
| | | | eSg | 38:06.50 | 0.30 |
| VYHS | 102.4 | 293 | eSg | 10:38:19.80 | -0.82 |

241.

2014-06-28 time: 0:12:04.15 UTC ML= 0.8
 lat: 48.102N lon: 20.455E h= 1.1 km
 erh= 6.0km erz= 6.0km
 nr= 8 gap=241 rms=0.75
 Locality: Nagyvisnyó
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 42.5 | 3 | ePg | 0:12:11.30 | -0.45 |
| | | | eSg | 12:17.70 | 0.03 |
| PSZ | 46.5 | 244 | ePg | 0:12:12.07 | -0.39 |
| | | | eSg | 12:19.68 | 0.74 |
| IZAB | 75.7 | 313 | ePg | 0:12:17.40 | -0.27 |
| | | | eSg | 12:28.20 | -0.01 |

Hypocenter Parameters

VYHS 127.8 290 ePn 0:12:28.40 1.43
 eSn 12:42.20 -2.57

242.

2014-06-28 time: 10:59:19.54 UTC ML= 1.3
 lat: 48.443N lon: 19.538E h= 10.0 km
 erh= 2.1km erz= 7.6km
 nr= 9 gap=121 rms=0.55
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| IZAB | 19.0 | 43 | ePg | 10:59:23.10 | -0.28 |
| | | | eSg | 59:27.00 | 0.63 |
| VYHS | 52.2 | 276 | ePg | 10:59:28.90 | -0.13 |
| | | | eSg | 59:36.20 | -0.24 |
| PSZ | 64.1 | 156 | ePgC | 10:59:32.18 | 1.05 |
| | | | eSg | 59:40.09 | -0.07 |
| KECS | 70.2 | 86 | ePg | 10:59:31.60 | -0.61 |
| | | | eSg | 59:41.50 | -0.59 |
| LANS | 78.8 | 356 | eSg | 10:59:44.80 | 0.00 |

243.

2014-07-01 time: 7:25:27.86 UTC ML= 1.0
 lat: 47.469N lon: 18.400E h= 0.0 km
 erh= 3.9km erz= 395km
 nr= 6 gap=315 rms=0.24
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 8.6 | 185 | ePgC | 7:25:29.53 | 0.13 |
| | | | eSg | 25:30.18 | -0.43 |
| CSKK | 15.8 | 222 | ePgC | 7:25:30.80 | 0.11 |
| | | | eSg | 25:32.54 | -0.35 |
| PKST | 36.2 | 230 | ePg | 7:25:34.11 | -0.22 |
| | | | eSg | 25:39.97 | 0.60 |

244.

2014-07-01 time: 7:33:10.63 UTC ML= 0.7
 lat: 47.284N lon: 18.396E h= 0.0 km
 erh= 7.2km erz= ***km
 nr= 6 gap=266 rms=0.60
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 12.0 | 358 | ePgC | 7:33:12.68 | -0.11 |
| | | | eSg | 33:13.41 | -1.05 |
| CSKK | 13.5 | 311 | ePgD | 7:33:14.04 | 0.99 |
| | | | eSg | 33:14.97 | 0.03 |
| PKST | 27.5 | 264 | ePgC | 7:33:15.50 | -0.05 |
| | | | eSg | 33:18.79 | -0.59 |

245.

2014-07-01 time: 7:33:41.82 UTC ML= 0.6
 lat: 47.412N lon: 18.359E h= 0.0 km
 erh= 9.9km erz= 913km
 nr= 5 gap=257 rms=0.42
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 3.3 | 133 | ePgC | 7:33:42.35 | -0.06 |
| | | | eSg | 33:42.90 | 0.04 |
| CSKK | 9.2 | 234 | ePgD | 7:33:43.68 | 0.22 |
| | | | eSg | 33:45.14 | 0.40 |
| PKST | 29.8 | 235 | eSg | 7:33:50.11 | -1.20 |

Földrengés paraméterek

246.

2014-07-01 time: 8:47:19.03 UTC ML= 1.7
 lat: 48.127N lon: 20.572E h= 5.4 km
 erh= 3.2km erz= 2.5km
 nr= 8 gap=255 rms=0.36
 Locality: Lillafüred
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 40.1 | 351 | ePg | 8:47:26.10 | -0.16 |
| | | | eSg | 47:32.10 | 0.20 |
| PSZ | 55.6 | 245 | ePg | 8:47:28.69 | -0.32 |
| | | | eSg | 47:36.76 | -0.03 |
| IZAB | 80.5 | 308 | ePg | 8:47:34.00 | 0.57 |
| | | | eSg | 47:44.00 | -0.67 |
| PENC | 103.4 | 249 | eSg | 8:47:52.30 | 0.36 |
| VYHS | 135.1 | 288 | eSn | 8:48:00.30 | -0.01 |

247.

2014-07-01 time: 11:19:12.30 UTC ML= 0.3
 lat: 47.217N lon: 18.286E h= 0.0 km
 erh= 1.0km erz= 139km
 nr= 6 gap=261 rms=0.08
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 16.3 | 353 | ePg | 11:19:15.21 | 0.00 |
| | | | eSg | 19:17.43 | -0.06 |
| PKST | 19.6 | 284 | ePg | 11:19:15.68 | -0.11 |
| | | | eSg | 19:18.68 | 0.16 |
| PKSG | 21.0 | 22 | ePgD | 11:19:16.09 | 0.05 |
| | | | eSg | 19:18.94 | -0.02 |

248.

2014-07-03 time: 6:25:18.21 UTC ML= 0.8
 lat: 47.452N lon: 18.398E h= 0.0 km
 erh= 4.6km erz= 554km
 nr= 6 gap=313 rms=0.32
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.7 | 185 | ePgC | 6:25:19.60 | 0.18 |
| | | | eSg | 25:20.18 | -0.17 |
| CSKK | 14.3 | 226 | ePg | 6:25:20.92 | 0.15 |
| | | | eSg | 25:22.25 | -0.52 |
| PKST | 34.9 | 232 | ePgC | 6:25:24.20 | -0.24 |
| | | | eSg | 25:29.98 | 0.68 |

249.

2014-07-03 time: 6:26:56.32 UTC ML= 0.8
 lat: 47.431N lon: 18.381E h= 0.0 km
 erh= 4.4km erz= 544km
 nr= 6 gap=297 rms=0.32
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.4 | 171 | ePgC | 6:26:57.17 | 0.07 |
| | | | eSg | 26:57.76 | 0.04 |
| CSKK | 11.8 | 230 | ePgD | 6:26:58.55 | 0.12 |
| | | | eSg | 26:59.43 | -0.65 |
| PKST | 32.5 | 234 | ePg | 6:27:01.84 | -0.27 |
| | | | eSg | 27:07.26 | 0.63 |

Földrengés paraméterek

Hypocenter Parameters

250.

2014-07-03 time: 10:09:34.17 UTC ML= 1.2
 lat: 47.859N lon: 19.118E h= 0.0 km
 erh= 5.0km erz= 991km
 nr= 8 gap=221 rms=0.73
 Locality: Szendehely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PENC | 14.4 | 122 | ePgC | 10:09:36.12 | -0.63 |
| | | | eSg | 09:39.20 | 0.44 |
| PSZ | 58.4 | 84 | ePgC | 10:09:44.64 | 0.04 |
| | | | eSg | 09:52.51 | -0.23 |
| VYHS | 73.6 | 343 | ePg | 10:09:48.30 | 0.98 |
| | | | eSg | 09:56.70 | -0.87 |
| IZAB | 90.4 | 29 | ePg | 10:09:51.30 | 0.98 |
| | | | eSg | 10:01.80 | -1.11 |

251.

2014-07-03 time: 10:45:22.06 UTC ML= 0.4
 lat: 47.188N lon: 18.305E h= 0.0 km
 erh= 3.4km erz= 391km
 nr= 5 gap=275 rms=0.19
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.8 | 350 | ePg | 10:45:25.42 | -0.17 |
| | | | eSg | 45:28.07 | -0.27 |
| PKST | 21.9 | 291 | ePg | 10:45:26.14 | 0.16 |
| | | | eSg | 45:29.04 | 0.01 |
| PKSG | 23.6 | 16 | eSg | 10:45:29.82 | 0.27 |

252.

2014-07-03 time: 12:47:55.83 UTC ML= 1.4
 lat: 48.513N lon: 19.368E h= 0.0 km
 erh= 5.3km erz= ***km
 nr= 7 gap=169 rms=0.89
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| IZAB | 26.2 | 76 | ePg | 12:48:00.80 | 0.30 |
| | | | eSg | 48:04.30 | 0.16 |
| VYHS | 39.4 | 267 | ePg | 12:48:02.80 | -0.06 |
| | | | eSg | 48:08.00 | -0.35 |
| PSZ | 76.8 | 149 | ePg | 12:48:11.05 | 1.50 |
| | | | eSg | 48:19.52 | -0.73 |
| KECS | 82.6 | 92 | eSg | 12:48:20.30 | -1.80 |

253.

2014-07-04 time: 6:11:52.18 UTC ML= 1.6
 lat: 47.894N lon: 19.889E h= 10.0 km
 erh= 2.3km erz= 1.8km
 nr= 7 gap=276 rms=0.23
 Locality: Mátraszentimre
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 2.8 | 9 | ePgD | 6:11:53.82 | -0.21 |
| | | | eSg | 11:55.62 | 0.15 |
| IZAB | 76.2 | 350 | ePg | 6:12:05.90 | 0.00 |
| | | | eSg | 12:16.90 | 0.29 |
| KECS | 79.1 | 34 | eSg | 6:12:17.50 | -0.04 |
| VYHS | 102.9 | 310 | ePg | 6:12:10.90 | 0.27 |
| | | | eSg | 12:24.60 | -0.43 |

254.

2014-07-04 time: 8:14:44.10 UTC ML= 0.6
 lat: 45.949N lon: 18.683E h= 0.0 km
 erh= 1.0km erz=98.8km
 nr= 5 gap=264 rms=0.05
 Locality: Kölked
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSM | 29.4 | 354 | ePgD | 8:14:49.38 | 0.04 |
| | | | eSg | 14:53.40 | -0.03 |
| MORH | 29.8 | 354 | ePgD | 8:14:49.36 | -0.06 |
| | | | eSg | 14:53.63 | 0.07 |
| PKSV | 34.1 | 259 | eSg | 8:14:54.94 | 0.00 |

255.

2014-07-04 time: 8:28:28.18 UTC ML= 1.6
 lat: 48.563N lon: 20.802E h= 0.0 km
 erh= 2.7km erz= 2.5km
 nr= 12 gap=142 rms=0.71
 Locality: Tornanádaska
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 25.0 | 249 | ePg | 8:28:32.80 | 0.17 |
| | | | eSg | 28:36.60 | 0.49 |
| CRVS | 61.5 | 52 | ePg | 8:28:39.80 | 0.65 |
| | | | eSg | 28:47.90 | 0.18 |
| IZAB | 80.4 | 270 | ePg | 8:28:42.10 | -0.43 |
| | | | eSg | 28:51.90 | -1.82 |
| PSZ | 98.4 | 223 | ePg | 8:28:46.79 | 1.05 |
| | | | eSg | 28:59.54 | 0.10 |
| KOLS | 115.8 | 69 | eSg | 8:29:04.60 | -0.38 |
| TRPA | 137.5 | 110 | eSn | 8:29:10.20 | -1.01 |
| VYHS | 145.4 | 267 | ePn | 8:28:53.20 | -0.14 |
| | | | eSn | 29:11.20 | -1.76 |

256.

2014-07-06 time: 3:46:05.37 UTC ML= 2.5
 lat: 46.095N lon: 17.068E h= 14.3 km
 erh= 1.9km erz= 1.9km
 nr= 41 gap= 74 rms=0.74
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BEHE | 47.4 | 332 | ePgD | 3:46:16.77 | 2.55 |
| | | | eSg | 46:23.39 | 2.27 |
| KOGS | 74.3 | 302 | iPg | 3:46:18.40 | -0.48 |
| | | | eSg | 46:28.20 | -1.22 |
| ZAG | 88.4 | 250 | iP* | 3:46:21.80 | 0.58 |
| PTJ | 88.7 | 256 | iP* | 3:46:21.10 | -0.17 |
| PKSV | 94.6 | 104 | eP* | 3:46:22.17 | 0.01 |
| | | | eS* | 46:35.17 | -0.09 |
| PKS9 | 108.1 | 60 | ePnC | 3:46:23.76 | -0.29 |
| | | | eSn | 46:37.47 | -1.15 |
| TIH | 109.6 | 35 | ePnC | 3:46:24.07 | -0.18 |
| | | | eSn | 46:37.25 | -1.72 |
| PKSM | 122.2 | 84 | ePnC | 3:46:25.49 | -0.33 |
| | | | eSn | 46:42.78 | 1.02 |
| MORH | 122.5 | 84 | ePnC | 3:46:25.55 | -0.30 |
| MPLH | 124.9 | 17 | ePn | 3:46:26.71 | 0.56 |
| | | | eSn | 46:42.93 | 0.58 |
| CRES | 128.5 | 257 | Pn | 3:46:26.70 | 0.11 |
| PKST | 149.0 | 30 | ePnD | 3:46:29.24 | 0.08 |
| | | | eSn | 46:46.81 | -0.90 |
| BLY | 149.9 | 177 | Pn | 3:46:30.00 | 0.73 |
| CSKK | 167.9 | 33 | ePn | 3:46:31.46 | -0.05 |
| | | | eSn | 46:54.54 | 2.64 |
| SOKA | 169.5 | 292 | Pn | 3:46:31.77 | 0.06 |
| | | | Sn | 46:51.55 | -0.70 |

Hypocenter Parameters

Földrengés paraméterek

PKS2 171.1 75 ePnC 3:46:31.70 -0.21
 eSn 46:57.14 4.54*
 ARSA 174.6 317 Pn 3:46:32.86 0.51
 Sn 46:51.64 -1.75
 PKSG 176.1 35 ePnD 3:46:32.58 0.05
 eSn 46:55.85 2.14
 PKS7 192.2 57 eSn 3:46:59.76 2.46
 OBKA 199.5 283 Pn 3:46:36.02 0.57
 Sn 46:59.82 0.91
 PKS6 200.2 74 ePn 3:46:35.08 -0.46
 eSn 47:04.91 5.84*
 CONA 223.5 336 Pn 3:46:38.75 0.30
 Sn 47:03.45 -0.80
 FRGS 239.0 117 Pn 3:46:39.00 -1.38
 PENC 252.8 42 ePn 3:46:42.30 0.20
 MYKA 270.3 283 Sn 3:47:14.81 0.17
 MOA 289.0 312 Pn 3:46:46.86 0.25
 Sn 47:18.28 -0.50
 BBLS 308.8 143 Pn 3:46:50.40 1.32*
 KHC 427.6 322 ePn 3:47:05.20 1.31*
 eSn 47:47.40 -2.13*
 KRLC 443.1 357 ePn 3:47:06.70 0.87*
 eSn 47:50.20 -2.78*
 PRU 472.1 336 ePn 3:47:09.20 -0.25*

257.

2014-07-07 time: 7:06:33.44 UTC ML= 0.8
 lat: 47.095N lon: 18.147E h= 0.0 km
 erh= 2.3km erz= 926km
 nr= 13 gap=129 rms=0.79
 Locality: Berhida
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 20.2 | 335 | ePg | 7:06:35.86 | -1.18 |
| | | | eSg | 06:38.63 | -1.22 |
| TIH | 29.0 | 222 | ePg | 7:06:38.13 | -0.48 |
| | | | eSg | 06:43.61 | 0.96 |
| CSKK | 31.1 | 16 | ePg | 7:06:39.14 | 0.15 |
| | | | eSg | 06:42.99 | -0.33 |
| PKSG | 37.9 | 29 | ePg | 7:06:40.93 | 0.73 |
| | | | eSg | 06:45.69 | 0.21 |
| MPLH | 46.8 | 280 | eSg | 7:06:49.10 | 0.78 |
| MORH | 104.8 | 159 | ePg | 7:06:52.88 | 0.72 |
| | | | eSg | 07:04.82 | -1.94 |
| PKSM | 105.2 | 159 | ePg | 7:06:52.56 | 0.34 |
| | | | eSg | 07:07.17 | 0.30 |

258.

2014-07-07 time: 9:21:25.09 UTC ML= 1.8
 lat: 45.563N lon: 17.509E h= 17.3 km
 erh= 1.6km erz= 2.4km
 nr= 12 gap=138 rms=0.23
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| PKSV | 68.3 | 58 | eP*C | 9:21:37.70 | 0.10 |
| | | | eS* | 21:48.08 | 0.72 |
| BLY | 94.0 | 196 | P* | 9:21:41.60 | 0.08 |
| | | | eS* | 21:52.20 | -2.13* |
| PKSM | 113.7 | 51 | ePnD | 9:21:44.01 | -0.08 |
| | | | eSn | 21:58.80 | -0.12 |
| MORH | 114.2 | 51 | ePnD | 9:21:44.07 | -0.08 |
| | | | eSn | 21:59.02 | 0.01 |
| TIH | 151.6 | 11 | Pn | 9:21:48.80 | -0.01 |
| CRES | 162.5 | 280 | Pn | 9:21:50.30 | 0.12 |
| | | | eSn | 22:09.90 | 0.16 |
| PKST | 192.8 | 12 | Pn | 9:21:53.40 | -0.56 |
| AMBH | 264.3 | 71 | eSn | 9:22:29.80 | -2.54* |

259.

2014-07-08 time: 6:46:22.38 UTC ML= 0.3
 lat: 47.168N lon: 18.192E h= 0.0 km
 erh= 3.0km erz= 817km
 nr= 7 gap=148 rms=0.54
 Locality: Ösi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 15.6 | 310 | ePgC | 6:46:25.15 | -0.02 |
| | | | eSg | 46:27.83 | 0.48 |
| CSKK | 22.3 | 14 | ePgD | 6:46:25.85 | -0.51 |
| | | | eSg | 46:29.05 | -0.42 |
| PKSG | 29.1 | 31 | eSg | 6:46:32.14 | 0.52 |
| PKSM | 111.7 | 162 | ePg | 6:46:43.23 | 0.89 |
| | | | eSg | 46:57.15 | -0.75 |

260.

2014-07-08 time: 9:14:50.60 UTC ML= 2.1
 lat: 48.879N lon: 20.501E h= 5.2 km
 erh= 2.4km erz= 4.6km
 nr= 12 gap=156 rms=0.61
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KECS | 44.0 | 182 | ePg | 9:14:58.00 | -0.51 |
| | | | eSg | 15:03.90 | -0.78 |
| IZAB | 67.5 | 239 | ePg | 9:15:02.60 | -0.09 |
| | | | eSg | 15:12.20 | 0.08 |
| CRVS | 70.4 | 88 | ePg | 9:15:03.10 | -0.11 |
| | | | eSg | 15:13.00 | -0.05 |
| LANS | 81.4 | 292 | ePg | 9:15:05.20 | 0.03 |
| | | | eSg | 15:15.90 | -0.64 |
| PSZ | 115.9 | 203 | ePgD | 9:15:12.58 | 1.27 |
| | | | eSg | 15:26.49 | -0.98 |
| VYHS | 129.9 | 251 | ePn | 9:15:13.30 | 0.14 |
| | | | eSn | 15:28.00 | -2.76* |

261.

2014-07-08 time: 11:12:59.09 UTC ML= 0.1
 lat: 47.198N lon: 18.244E h= 0.0 km
 erh= 5.7km erz= 708km
 nr= 6 gap=266 rms=0.44
 Locality: Csőr
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKST | 17.2 | 293 | ePgD | 11:13:02.58 | 0.41 |
| | | | eSg | 13:04.32 | -0.25 |
| CSKK | 18.4 | 4 | ePgD | 11:13:02.37 | -0.01 |
| | | | eSg | 13:04.15 | -0.79 |
| PKSG | 24.2 | 27 | ePg | 11:13:03.07 | -0.35 |
| | | | eSg | 13:07.54 | 0.75 |

262.

2014-07-09 time: 21:03:20.25 UTC ML= 2.2
 lat: 46.028N lon: 21.034E h= 12.5 km
 erh= 1.8km erz= 1.6km
 nr= 36 gap= 92 rms=0.86
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| TIM | 35.5 | 156 | PgC | 21:03:27.05 | 0.09 |
| | | | Sg | 03:32.60 | 0.40 |
| SIRR | 55.2 | 61 | PgD | 21:03:30.34 | -0.02 |
| | | | Sg | 03:38.10 | -0.14 |
| BZS | 64.3 | 135 | PgD | 21:03:31.97 | 0.02 |
| | | | Sg | 03:41.10 | 0.02 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|-----|-------------|-------|
| BANR | 72.1 | 174 | PgD | 21:03:32.88 | -0.44 |
| | | | Sg | 03:43.20 | -0.32 |
| PKS6 | 129.8 | 299 | ePn | 21:03:40.37 | -1.50 |
| | | | eSn | 03:57.14 | -1.60 |
| PKSN | 131.8 | 317 | eSn | 21:03:58.93 | -0.25 |
| DEV | 145.8 | 96 | PnC | 21:03:44.43 | 0.56 |
| | | | Sn | 04:03.10 | 0.81 |
| MDVR | 148.3 | 159 | PnD | 21:03:43.75 | -0.43 |
| | | | Sn | 04:01.30 | -1.55 |
| LTVH | 164.8 | 24 | eSn | 21:04:06.78 | 0.28 |
| HERR | 167.1 | 140 | PnD | 21:03:46.85 | 0.33 |
| | | | Sn | 04:07.20 | 0.18 |
| PKS7 | 183.0 | 308 | eSn | 21:04:11.09 | 0.54 |
| PKSM | 186.1 | 276 | ePn | 21:03:49.69 | 0.80 |
| | | | eSn | 04:10.88 | -0.34 |
| CJR | 211.5 | 69 | PnD | 21:03:52.31 | 0.25 |
| | | | Sn | 04:16.00 | -0.88 |
| PKSV | 216.2 | 266 | ePn | 21:03:55.13 | 2.49 |
| | | | eSn | 04:20.39 | 2.48 |
| PKS9 | 221.2 | 286 | ePn | 21:03:57.89 | 4.63 |
| | | | eSn | 04:22.70 | 3.69 |
| LOT | 222.5 | 107 | PnD | 21:03:54.13 | 0.70 |
| | | | Sn | 04:18.80 | -0.50 |
| PSZ | 227.4 | 338 | ePn | 21:03:52.76 | -1.28 |
| | | | eSn | 04:16.46 | -3.93 |
| PENC | 237.1 | 326 | ePn | 21:03:55.34 | 0.09 |
| | | | eSn | 04:29.87 | 7.31* |
| PKSG | 252.7 | 307 | eSn | 21:04:31.78 | 5.77* |
| TRPA | 260.2 | 26 | PnD | 21:03:58.20 | 0.07 |
| PKST | 267.4 | 301 | ePn | 21:04:00.08 | 1.06 |
| | | | eSn | 04:35.69 | 6.43* |
| ARR | 289.8 | 105 | PnD | 21:04:01.98 | 0.16 |
| MPLH | 296.4 | 295 | ePn | 21:04:01.45 | -1.19 |
| IZAB | 299.7 | 341 | ePn | 21:04:04.80 | 1.75* |
| VOIR | 319.4 | 102 | PnC | 21:04:05.51 | 0.00* |
| | | | Sn | 04:41.00 | 0.18* |
| VYHS | 320.7 | 329 | ePn | 21:04:06.80 | 1.13* |

263.

2014-07-10 time: 6:19:41.56 UTC ML= 0.6
 lat: 47.431N lon: 18.396E h= 0.0 km
 erh= 3.1km erz= 388km
 nr= 6 gap=310 rms=0.24
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.4 | 185 | ePg | 6:19:42.27 | -0.07 |
| | | | eSg | 19:42.82 | -0.12 |
| CSKK | 12.7 | 234 | ePgD | 6:19:43.61 | -0.22 |
| | | | eSg | 19:45.99 | 0.39 |
| PKST | 33.3 | 235 | ePg | 6:19:47.84 | 0.32 |
| | | | eSg | 19:52.00 | -0.16 |

264.

2014-07-10 time: 6:19:57.02 UTC ML= 0.7
 lat: 47.436N lon: 18.351E h= 0.0 km
 erh= 9.8km erz= ***km
 nr= 5 gap=278 rms=0.50
 Locality: Oroszlány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.7 | 148 | ePg | 6:19:57.96 | -0.08 |
| | | | eSg | 19:58.54 | -0.29 |
| CSKK | 10.6 | 220 | ePgD | 6:19:59.29 | 0.39 |
| | | | eSg | 20:00.87 | 0.50 |
| PKST | 30.9 | 231 | eSg | 6:20:05.75 | -1.10 |

Hypocenter Parameters

265.

2014-07-10 time: 6:20:33.77 UTC ML= 0.7
 lat: 47.393N lon: 18.418E h= 0.0 km
 erh= 9.7km erz= 811km
 nr= 6 gap=336 rms=0.47
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 2.1 | 266 | ePg | 6:20:34.17 | 0.03 |
| | | | eSg | 20:34.89 | 0.46 |
| CSKK | 12.3 | 254 | ePgD | 6:20:35.55 | -0.42 |
| | | | eSg | 20:36.85 | -0.84 |
| PKST | 32.6 | 243 | ePg | 6:20:40.16 | 0.57 |
| | | | eSg | 20:44.39 | 0.26 |

266.

2014-07-10 time: 9:04:59.77 UTC ML= 1.2
 lat: 47.372N lon: 17.560E h= 0.0 km
 erh= 6.5km erz= 968km
 nr= 7 gap=264 rms=0.66
 Locality: Vaszar
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| MPLH | 22.5 | 184 | ePg | 9:05:03.34 | -0.45 |
| | | | eSg | 05:07.37 | 0.44 |
| PKST | 38.0 | 109 | ePg | 9:05:06.15 | -0.41 |
| | | | eSg | 05:10.64 | -1.21 |
| CSKK | 52.9 | 91 | eSg | 9:05:17.57 | 0.98 |
| TIH | 58.3 | 154 | eSg | 9:05:18.84 | 0.55 |
| PKSG | 62.8 | 88 | eSg | 9:05:20.13 | 0.41 |

267.

2014-07-11 time: 7:22:39.63 UTC ML= 0.7
 lat: 47.124N lon: 17.980E h= 0.0 km
 erh= 2.2km erz= 678km
 nr= 10 gap=149 rms=0.54
 Locality: Kádárta
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 15.6 | 15 | ePg | 7:22:42.42 | 0.01 |
| | | | eSg | 22:44.55 | -0.04 |
| TIH | 25.7 | 195 | ePg | 7:22:44.20 | -0.02 |
| | | | eSg | 22:48.09 | 0.29 |
| MPLH | 33.8 | 279 | ePg | 7:22:45.95 | 0.29 |
| | | | eSg | 22:49.43 | -0.93 |
| CSKK | 34.1 | 39 | ePg | 7:22:45.76 | 0.05 |
| | | | eSg | 22:51.73 | 1.27 |
| PKSG | 43.1 | 46 | ePg | 7:22:47.40 | 0.08 |
| | | | eSg | 22:51.95 | -1.38 |

268.

2014-07-14 time: 9:53:13.46 UTC ML= 0.0
 lat: 47.294N lon: 18.172E h= 10.0 km
 erh= 8.2km erz= 3.6km
 nr= 6 gap=193 rms=0.11
 Locality: Balinka
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 10.2 | 41 | ePgD | 9:53:16.02 | 0.01 |
| | | | eSg | 53:17.96 | -0.04 |
| PKST | 11.1 | 250 | ePgD | 9:53:16.22 | 0.09 |
| | | | eSg | 53:17.94 | -0.27 |
| PKSG | 19.8 | 57 | ePg | 9:53:17.30 | -0.12 |
| | | | eSg | 53:20.74 | 0.23 |

Hypocenter Parameters

Földrengés paraméterek

269.

2014-07-15 time: 6:48:43.71 UTC ML= 0.9
 lat: 47.435N lon: 18.428E h= 0.0 km
 erh= 4.1km erz= 411km
 nr= 6 gap=333 rms=0.26
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.5 | 211 | ePgC | 6:48:44.75 | 0.06 |
| | | | eSg | 48:45.63 | 0.17 |
| CSKK | 14.9 | 238 | ePgD | 6:48:46.14 | -0.24 |
| | | | eSg | 48:47.93 | -0.52 |
| PKST | 35.6 | 237 | ePg | 6:48:50.39 | 0.33 |
| | | | eSg | 48:55.16 | 0.14 |

270.

2014-07-15 time: 6:49:03.09 UTC ML= 0.8
 lat: 47.433N lon: 18.404E h= 0.0 km
 erh= 2.8km erz= 293km
 nr= 5 gap=317 rms=0.13
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.7 | 192 | ePgC | 6:49:03.91 | -0.02 |
| | | | eSg | 49:04.57 | -0.02 |
| CSKK | 13.3 | 234 | ePgD | 6:49:05.33 | -0.14 |
| | | | eSg | 49:07.35 | 0.02 |
| PKST | 34.0 | 235 | ePg | 6:49:09.42 | 0.26 |

271.

2014-07-15 time: 6:57:23.29 UTC ML= 0.7
 lat: 47.331N lon: 18.480E h= 0.0 km
 erh= 5.8km erz= ***km
 nr= 7 gap=219 rms=0.73
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 9.6 | 315 | ePgC | 6:57:24.97 | -0.03 |
| | | | eSg | 57:25.61 | -0.72 |
| CSKK | 16.9 | 282 | ePgD | 6:57:26.32 | 0.00 |
| | | | eSg | 57:27.37 | -1.31 |
| PKST | 34.6 | 257 | ePg | 6:57:30.22 | 0.74 |
| | | | eSg | 57:35.78 | 1.48 |
| PKSM | 125.0 | 174 | eSg | 6:58:02.60 | -0.43 |

272.

2014-07-15 time: 8:10:33.45 UTC ML= 1.2
 lat: 47.377N lon: 18.650E h= 0.0 km
 erh= 6.3km erz= 556km
 nr= 7 gap=339 rms=0.37
 Locality: Vál
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 19.7 | 275 | ePg | 8:10:36.75 | -0.21 |
| | | | eSg | 10:39.97 | 0.27 |
| CSKK | 29.5 | 267 | ePg | 8:10:38.29 | -0.42 |
| | | | eSg | 10:42.73 | -0.08 |
| PKST | 48.4 | 254 | ePg | 8:10:42.78 | 0.70 |
| | | | eSg | 10:48.53 | -0.29 |
| MPLH | 87.1 | 255 | eSg | 8:11:01.27 | 0.13 |

273.

2014-07-17 time: 7:35:36.70 UTC ML= 0.8
 lat: 47.450N lon: 18.438E h= 0.0 km
 erh= 8.0km erz= 772km
 nr= 6 gap=334 rms=0.45
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.4 | 209 | ePgC | 7:35:38.27 | 0.26 |
| | | | eSg | 35:38.91 | -0.13 |
| CSKK | 16.5 | 234 | ePg | 7:35:39.64 | -0.01 |
| | | | eSg | 35:41.08 | -0.86 |
| PKST | 37.2 | 235 | ePgC | 7:35:43.12 | -0.21 |
| | | | eSg | 35:49.51 | 1.00 |

274.

2014-07-17 time: 7:50:41.45 UTC ML= 1.0
 lat: 47.185N lon: 18.560E h= 0.0 km
 erh= 2.8km erz= 331km
 nr= 6 gap=311 rms=1.56
 Locality: Dinnyés
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 26.4 | 331 | ePgD | 7:50:46.13 | -0.03 |
| | | | eSg | 50:46.51 | -3.33 |
| CSKK | 30.1 | 311 | ePgD | 7:50:47.47 | 0.64 |
| | | | eSg | 50:49.11 | -1.92 |
| PKST | 40.7 | 282 | ePg | 7:50:50.95 | 2.23 |
| | | | eSg | 50:54.49 | 0.11 |

275.

2014-07-18 time: 4:11:47.20 UTC ML= 0.9
 lat: 47.129N lon: 17.646E h= 14.2 km
 erh= 4.7km erz= 7.8km
 nr= 10 gap=156 rms=0.82
 Locality: Városlőd
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| MPLH | 9.3 | 300 | ePgC | 4:11:50.68 | 0.45 |
| | | | eSg | 11:52.84 | 0.25 |
| TIH | 31.6 | 144 | ePgD | 4:11:53.84 | 0.46 |
| | | | eSg | 11:57.15 | -1.06 |
| PKST | 32.8 | 64 | ePgC | 4:11:53.91 | 0.33 |
| | | | eSg | 11:59.08 | 0.53 |
| CSKK | 53.3 | 61 | ePgD | 4:11:55.13 | -1.92 |
| | | | eSg | 12:03.89 | -0.85 |
| PKSG | 63.5 | 63 | ePg | 4:11:59.30 | 0.48 |
| | | | eSg | 12:08.60 | 0.72 |

276.

2014-07-18 time: 6:54:43.67 UTC ML= 0.2
 lat: 47.314N lon: 18.149E h= 7.3 km
 erh= 6.6km erz= 2.0km
 nr= 6 gap=182 rms=0.11
 Locality: Balinka
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 10.0 | 57 | ePgD | 6:54:45.77 | -0.12 |
| | | | eSg | 54:47.76 | 0.15 |
| PKST | 10.6 | 235 | ePgD | 6:54:45.99 | 0.02 |
| | | | eSg | 54:47.69 | -0.08 |
| PKSG | 20.2 | 65 | ePg | 6:54:47.67 | 0.16 |
| | | | eSg | 54:50.39 | -0.11 |

Földrengés paraméterek

Hypocenter Parameters

277.

2014-07-18 time: 10:18:32.03 UTC ML= 1.3
 lat: 48.634N lon: 20.745E h= 0.0 km
 erh= 1.3km erz= 2.5km
 nr= 11 gap=145 rms=0.27
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 25.4 | 229 | ePg | 10:18:36.30 | -0.27 |
| | | | eSg | 18:40.30 | 0.18 |
| CRVS | 60.5 | 60 | ePg | 10:18:43.10 | 0.26 |
| | | | eSg | 18:50.80 | -0.47 |
| IZAB | 76.5 | 265 | ePg | 10:18:45.50 | -0.19 |
| | | | eSg | 18:55.50 | -0.84 |
| PSZ | 101.6 | 218 | ePg | 10:18:50.32 | 0.15 |
| | | | eSg | 19:04.37 | 0.05 |
| LANS | 109.9 | 302 | ePg | 10:18:51.90 | 0.25 |
| KOLS | 117.1 | 73 | eSg | 10:19:08.90 | -0.36 |
| VYHS | 141.7 | 264 | ePn | 10:18:57.00 | 0.26 |

278.

2014-07-19 time: 0:49:55.90 UTC ML= 0.1
 lat: 47.398N lon: 18.501E h= 4.5 km
 erh= 1.3km erz= 1.0km
 nr= 6 gap=341 rms=0.03
 Locality: Csákvár
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 8.4 | 265 | ePgD | 0:49:57.55 | -0.04 |
| | | | eSg | 49:58.92 | 0.01 |
| CSKK | 18.6 | 258 | ePg | 0:49:59.34 | 0.03 |
| | | | eSg | 50:02.02 | 0.05 |
| PKST | 38.5 | 246 | ePg | 0:50:02.83 | 0.01 |
| | | | eSg | 50:08.19 | -0.03 |

279.

2014-07-22 time: 9:18:44.32 UTC ML= 0.4
 lat: 47.181N lon: 18.323E h= 0.0 km
 erh= 1.8km erz= 237km
 nr= 6 gap=279 rms=0.14
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 20.8 | 347 | ePg | 9:18:48.12 | 0.08 |
| | | | eSg | 18:50.61 | -0.33 |
| PKST | 23.6 | 292 | ePg | 9:18:48.42 | -0.11 |
| | | | eSg | 18:51.98 | 0.17 |
| PKSG | 24.0 | 12 | ePg | 9:18:48.63 | 0.03 |
| | | | eSg | 18:52.02 | 0.07 |

280.

2014-07-23 time: 10:56:25.41 UTC ML= 0.7
 lat: 47.160N lon: 18.348E h= 0.0 km
 erh= 6.6km erz= 948km
 nr= 7 gap=264 rms=0.63
 Locality: Sárszentmihály
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 23.6 | 344 | ePg | 10:56:29.13 | -0.49 |
| | | | eSg | 56:32.83 | -0.07 |
| PKSG | 26.0 | 7 | ePg | 10:56:30.54 | 0.48 |
| | | | eSg | 56:34.16 | 0.48 |
| PKST | 26.2 | 295 | ePg | 10:56:29.58 | -0.51 |
| | | | eSg | 56:33.02 | -0.71 |
| MPLH | 61.3 | 271 | eSg | 10:56:46.26 | 1.37 |

281.

2014-07-25 time: 6:47:08.07 UTC ML= 0.9
 lat: 47.338N lon: 18.719E h= 0.0 km
 erh= 5.6km erz= 480km
 nr= 6 gap=337 rms=0.28
 Locality: Tordas
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 25.5 | 284 | ePg | 6:47:12.75 | 0.13 |
| | | | eSg | 47:15.82 | -0.35 |
| CSKK | 34.7 | 275 | ePg | 6:47:14.15 | -0.12 |
| | | | eSg | 47:19.75 | 0.64 |
| PKST | 52.5 | 260 | ePg | 6:47:17.54 | 0.10 |
| | | | eSg | 47:24.46 | -0.30 |

282.

2014-07-25 time: 20:34:06.46 UTC ML= 0.8
 lat: 48.081N lon: 20.519E h= 10.0 km
 erh= 4.4km erz= 2.1km
 nr= 5 gap=252 rms=0.18
 Locality: Répáshuta
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 44.8 | 357 | ePg | 20:34:14.90 | 0.23 |
| | | | eSg | 34:20.80 | -0.26 |
| PSZ | 50.0 | 249 | ePgC | 20:34:15.42 | -0.15 |
| VYHS | 133.1 | 290 | eSg | 34:22.74 | 0.07 |
| | | | eSn | 20:34:46.40 | 0.15 |

283.

2014-07-27 time: 7:16:07.07 UTC ML= 0.6
 lat: 47.315N lon: 18.477E h= 0.1 km
 erh= 4.6km erz= 765km
 nr= 6 gap=297 rms=0.27
 Locality: Pátka
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 10.8 | 323 | ePg | 7:16:09.23 | 0.24 |
| | | | eSg | 16:10.71 | 0.22 |
| CSKK | 17.2 | 288 | ePgD | 7:16:09.90 | -0.24 |
| | | | eSg | 16:12.01 | -0.53 |
| PKST | 34.1 | 259 | ePg | 7:16:13.19 | 0.04 |
| | | | eSg | 16:18.18 | 0.29 |

284.

2014-07-28 time: 7:35:14.95 UTC ML= 0.8
 lat: 47.363N lon: 18.446E h= 0.0 km
 erh= 2.1km erz= 258km
 nr= 6 gap=302 rms=0.15
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.2 | 307 | ePgC | 7:35:16.05 | 0.17 |
| | | | eSg | 35:16.59 | -0.01 |
| CSKK | 14.0 | 270 | ePgD | 7:35:17.45 | 0.00 |
| | | | eSg | 35:19.18 | -0.21 |
| PKST | 33.2 | 250 | ePgC | 7:35:20.70 | -0.18 |
| | | | eSg | 35:25.73 | 0.23 |

Hypocenter Parameters

Földrengés paraméterek

285.

2014-07-28 time: 7:35:48.26 UTC ML= 0.8
 lat: 47.440N lon: 18.413E h= 0.0 km
 erh= 5.8km erz= 646km
 nr= 6 gap=322 rms=0.37
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| PKSG | 5.7 | 197 | ePgC | 7:35:49.36 | | 0.08 | |
| | | | eSg | | 35:49.89 | -0.17 | |
| CSKK | 14.4 | 233 | ePgD | 7:35:50.69 | | -0.14 | |
| | | | eSg | | 35:52.32 | -0.51 | |
| PKST | 35.0 | 235 | ePgC | 7:35:54.60 | | 0.09 | |
| | | | eSg | | 36:00.78 | 1.39 | |

286.

2014-07-28 time: 7:36:00.32 UTC ML= 0.7
 lat: 47.348N lon: 18.468E h= 0.0 km
 erh= 2.0km erz= 240km
 nr= 6 gap=303 rms=0.14
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| PKSG | 7.6 | 310 | ePgC | 7:36:01.74 | | 0.07 | |
| | | | eSg | | 36:02.31 | -0.41 | |
| CSKK | 15.7 | 276 | ePgD | 7:36:03.07 | | -0.06 | |
| | | | eSg | | 36:05.58 | 0.25 | |
| PKST | 34.2 | 253 | ePgC | 7:36:06.46 | | 0.02 | |
| | | | eSg | | 36:11.17 | -0.04 | |

287.

2014-07-28 time: 7:42:10.26 UTC ML= 0.7
 lat: 47.450N lon: 18.444E h= 0.0 km
 erh= 7.0km erz= 641km
 nr= 6 gap=337 rms=0.38
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| PKSG | 7.6 | 212 | ePg | 7:42:12.01 | | 0.40 | |
| | | | eSg | | 42:12.49 | -0.18 | |
| CSKK | 16.9 | 235 | ePgC | 7:42:13.24 | | -0.03 | |
| | | | eSg | | 42:15.03 | -0.59 | |
| PKST | 37.5 | 236 | ePg | 7:42:16.68 | | -0.28 | |
| | | | eSg | | 42:22.86 | 0.68 | |

288.

2014-07-29 time: 12:37:00.90 UTC ML= 0.5
 lat: 47.201N lon: 18.305E h= 0.0 km
 erh= 3.5km erz= 545km
 nr= 7 gap=250 rms=0.38
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-------|-----|
| CSKK | 18.3 | 349 | ePg | 12:37:03.72 | | -0.45 | |
| | | | eSg | | 37:06.67 | -0.05 | |
| PKST | 21.5 | 287 | ePg | 12:37:04.53 | | -0.21 | |
| | | | eSg | | 37:07.51 | -0.22 | |
| PKSG | 22.1 | 17 | ePg | 12:37:04.84 | | -0.02 | |
| | | | eSg | | 37:08.21 | 0.27 | |
| MPLH | 58.1 | 267 | ePg | 12:37:12.09 | | 0.81 | |

289.

2014-07-30 time: 1:52:00.62 UTC ML= 1.4
 lat: 48.030N lon: 19.443E h= 7.0 km
 erh= 1.8km erz= 2.4km
 nr= 15 gap= 98 rms=0.64
 Locality: Iliny
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|------------|-------|-----|
| PENC | 29.2 | 204 | ePgD | 1:52:06.11 | | 0.13 | |
| | | | eSg | | 52:10.09 | -0.08 | |
| PSZ | 35.9 | 110 | ePgC | 1:52:07.74 | | 0.59 | |
| | | | eSg | | 52:12.76 | 0.52 | |
| BUD | 68.4 | 207 | eSg | 1:52:21.31 | | -1.16 | |
| | | | ePg | | 1:52:13.10 | 0.18 | |
| VYHS | 68.5 | 319 | ePg | 1:52:21.20 | | -1.31 | |
| | | | eSg | | 52:21.20 | -1.31 | |
| SRO | 87.8 | 254 | ePg | 1:52:17.00 | | 0.65 | |
| | | | eSg | | 52:26.70 | -1.92 | |
| KECS | 92.4 | 57 | eSg | 1:52:28.90 | | -1.16 | |
| | | | eSg | | 1:52:32.77 | -0.37 | |
| BSZH | 102.1 | 143 | eSg | 1:52:32.77 | | -0.37 | |
| | | | eSg | | 1:52:34.67 | 0.23 | |
| PKSG | 106.2 | 228 | eSg | 1:52:34.67 | | 0.23 | |
| | | | eSg | | 1:52:34.67 | 0.23 | |
| CSKK | 115.7 | 230 | eSn | 1:52:36.91 | | -0.31 | |
| | | | eSn | | 1:52:23.87 | 0.13 | |
| PKST | 136.2 | 231 | ePn | 1:52:23.87 | | 0.13 | |
| | | | eSn | | 52:42.85 | 1.07 | |

290.

2014-07-30 time: 7:31:04.90 UTC ML= 0.5
 lat: 46.208N lon: 18.199E h= 0.0 km
 erh= 4.2km erz= 475km
 nr= 6 gap=275 rms=0.28
 Locality: Magyarország
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| PKSM | 34.1 | 89 | ePgD | 7:31:10.92 | | -0.07 | |
| | | | eSg | | 31:15.25 | -0.49 | |
| MORH | 34.3 | 89 | ePg | 7:31:11.00 | | -0.03 | |
| | | | eSg | | 31:16.41 | 0.60 | |
| PKSV | 35.8 | 173 | ePg | 7:31:11.50 | | 0.21 | |
| | | | eSg | | 31:16.12 | -0.16 | |

291.

2014-07-31 time: 6:40:01.43 UTC ML= 1.0
 lat: 45.890N lon: 18.158E h= 10.0 km
 erh= 2.2km erz= 2.2km
 nr= 8 gap=275 rms=1.69
 Locality: Diószvizsló
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-------|-----|
| PKSV | 7.3 | 91 | ePgD | 6:40:03.66 | | 0.02 | |
| | | | eSg | | 40:08.18 | 2.81 | |
| PKSM | 51.8 | 46 | ePgD | 6:40:09.23 | | -1.61 | |
| | | | eSg | | 40:17.58 | -0.61 | |
| MORH | 52.2 | 46 | ePg | 6:40:09.28 | | -1.64 | |
| | | | eSg | | 40:17.72 | -0.61 | |
| PKS9 | 78.0 | 7 | ePgD | 6:40:16.26 | | 0.79 | |
| | | | eSg | | 40:31.47 | 5.04 | |

292.

2014-08-01 time: 11:06:30.23 UTC ML= 0.4
 lat: 47.460N lon: 18.066E h= 0.0 km
 erh= 2.9km erz= 375km
 nr= 6 gap=281 rms=0.22
 Locality: Vérteskethely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|------|-----|
| CSKK | 18.2 | 126 | ePg | 11:06:33.83 | | 0.34 | |
| | | | eSg | | 06:36.25 | 0.23 | |

Földrengés paraméterek

PKST 22.4 186 ePgD 11:06:34.21 -0.03
 eSg 06:37.25 -0.12
 PKSG 25.7 107 ePg 11:06:34.69 -0.13
 eSg 06:38.04 -0.35

293.

2014-08-02 time: 7:48:48.74 UTC ML= 0.2
 lat: 47.346N lon: 18.124E h= 0.0 km
 erh= 2.0km erz= 126km
 nr= 6 gap=221 rms=0.08
 Locality: Nagyveleg
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 10.5 | 80 | ePg | 7:48:50.77 | 0.16 |
| | | | eSg | 48:52.00 | -0.08 |
| PKST | 11.8 | 215 | ePgD | 7:48:50.80 | -0.05 |
| | | | eSg | 48:52.47 | -0.02 |
| PKSG | 20.8 | 76 | ePg | 7:48:52.42 | -0.03 |
| | | | eSg | 48:55.36 | 0.01 |

294.

2014-08-03 time: 1:10:23.86 UTC ML= 2.1
 lat: 48.039N lon: 19.397E h= 0.9 km
 erh= 1.5km erz= 1.8km
 nr= 51 gap= 51 rms=0.94
 Locality: Iliny
 Comments:

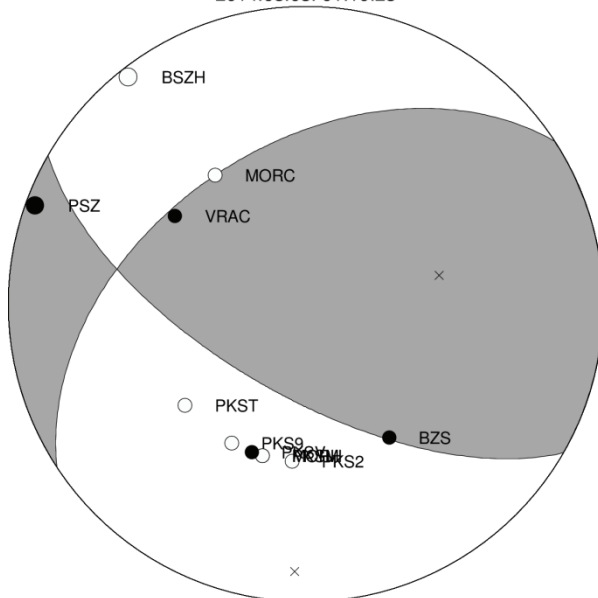
| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 28.9 | 197 | ePg | 1:10:29.10 | 0.07 |
| | | | eSg | 10:33.55 | 0.49 |
| PSZ | 39.5 | 110 | ePgC | 1:10:31.00 | 0.08 |
| | | | eSg | 10:35.76 | -0.66 |
| IZAB | 63.4 | 22 | ePg | 1:10:35.80 | 0.62 |
| | | | eSg | 10:43.20 | -0.81 |
| VYHS | 65.5 | 321 | ePg | 1:10:36.50 | 0.94 |
| | | | eSg | 10:44.40 | -0.28 |
| BUD | 67.8 | 204 | ePg | 1:10:35.82 | -0.15 |
| | | | eSg | 10:45.46 | 0.05 |
| SRO2 | 81.0 | 248 | ePg | 1:10:37.20 | -1.13 |
| | | | eSg | 10:47.90 | -1.72 |
| SRO | 84.8 | 253 | ePg | 1:10:39.70 | 0.70 |
| | | | eSg | 10:50.20 | -0.60 |
| KECS | 94.7 | 59 | ePg | 1:10:40.00 | -0.78 |
| | | | eSg | 10:52.60 | -1.37 |
| PKSG | 104.3 | 226 | ePg | 1:10:41.90 | -0.58 |
| | | | eSg | 10:58.00 | 0.99 |
| BSZH | 105.0 | 142 | ePgD | 1:10:42.62 | 0.00 |
| | | | eSg | 10:56.02 | -1.23 |
| PKS7 | 111.7 | 189 | ePg | 1:10:44.16 | 0.36 |
| | | | eSg | 10:58.35 | -1.01 |
| CSKK | 113.7 | 229 | ePg | 1:10:43.30 | -0.86 |
| | | | eSg | 11:00.50 | 0.51 |
| LANS | 123.7 | 2 | ePg | 1:10:46.50 | 0.55 |
| | | | eSg | 11:01.20 | -1.98 |
| PKST | 134.2 | 230 | ePnD | 1:10:46.60 | -0.91 |
| | | | eSn | 11:05.27 | -0.69 |
| SMOL | 155.3 | 290 | ePn | 1:10:51.90 | 1.75 |
| | | | eSn | 11:10.10 | -0.56 |
| PKS6 | 160.5 | 175 | eSn | 1:11:11.44 | -0.37 |
| | | | ePn | 1:10:50.80 | -0.16 |
| MODS | 161.9 | 283 | eSn | 11:11.40 | -0.71 |
| | | | ePn | 1:10:52.82 | 0.86 |
| MPLH | 169.8 | 235 | eSn | 11:17.76 | 3.89* |
| | | | ePn | 1:10:52.82 | 0.84 |
| TIH | 170.0 | 222 | eSn | 11:16.71 | 2.80 |
| | | | ePnD | 1:10:54.75 | 2.45 |
| PKS2 | 172.6 | 185 | eSn | 11:14.56 | 0.08 |
| | | | ePn | 1:10:54.90 | 1.63 |
| CRVS | 180.3 | 58 | eSn | 11:17.00 | 0.79 |
| | | | ePnD | 1:10:54.73 | 1.23 |
| PKS9 | 182.2 | 208 | ePnD | 1:10:54.73 | 1.23 |
| | | | ePnD | 1:10:55.84 | -1.20 |

82

Hypocenter Parameters

eSn 11:24.21 1.29
 PKSM 211.1 196 ePnD 1:10:55.87 -1.23
 eSn 11:25.13 2.10
 MORC 236.3 325 PnD 1:10:59.87 -0.37
 Sn 11:26.90 -1.72
 VRAC 250.1 304 PnC 1:11:02.13 0.16
 Sn 11:28.90 -2.79
 PKSV 254.5 200 ePnC 1:11:01.69 -0.82
 BZS 318.1 148 PnC 1:11:09.15 -1.30*

2014.08.03. 01:10:23



295.

2014-08-03 time: 1:12:56.06 UTC ML= 1.4
 lat: 48.034N lon: 19.404E h= 7.7 km
 erh= 1.3km erz= 2.8km
 nr= 20 gap= 67 rms=0.54
 Locality: Iliny
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PENC | 28.5 | 199 | ePg | 1:13:01.59 | 0.26 |
| | | | eSg | 13:05.79 | 0.34 |
| PSZ | 38.8 | 109 | ePgC | 1:13:03.24 | 0.13 |
| | | | eSg | 13:07.95 | -0.67 |
| IZAB | 63.8 | 21 | ePg | 1:13:08.10 | 0.57 |
| | | | eSg | 13:16.20 | -0.28 |
| VYHS | 66.4 | 321 | ePg | 1:13:08.60 | 0.61 |
| | | | eSg | 13:16.60 | -0.69 |
| SRO2 | 81.3 | 248 | eSg | 1:13:21.50 | -0.52 |
| | | | eSg | 1:13:22.60 | -0.63 |
| SRO | 85.1 | 253 | eSg | 1:13:22.60 | -0.63 |
| | | | ePg | 1:13:12.20 | -0.80 |
| KECS | 94.6 | 58 | ePg | 1:13:12.20 | -0.80 |
| | | | eSg | 13:24.40 | -1.82 |
| BSZH | 104.2 | 142 | ePg | 1:13:14.98 | 0.27 |
| | | | eSg | 13:29.50 | 0.24 |
| PKSG | 104.3 | 227 | ePg | 1:13:14.20 | -0.53 |
| | | | eSg | 13:30.27 | 0.97 |
| PKS7 | 111.2 | 189 | ePg | 1:13:16.43 | 0.48 |
| | | | eSg | 13:30.55 | -0.92 |
| PKST | 134.2 | 230 | ePnD | 1:13:18.93 | 0.09 |
| | | | eSn | 13:38.42 | 1.80 |

Hypocenter Parameters

Földrengés paraméterek

296.

2014-08-03 time: 1:48:06.45 UTC ML= 3.0
 lat: 48.033N lon: 19.397E h= 1.7 km
 erh= 1.1km erz= 1.2km
 nr= 63 gap= 44 rms=0.73
 Locality: Iliny
 Comments: felt 5 EMS

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|--------|-----|
| PENC | 28.3 | 198 | ePg | 1:48:11.90 | | 0.39 | |
| | | | eSg | 48:16.30 | | 0.84 | |
| PSZ | 39.3 | 109 | iPgC | 1:48:13.78 | | 0.31 | |
| | | | eSg | 48:18.57 | | -0.37 | |
| IZAB | 64.0 | 21 | ePg | 1:48:18.50 | | 0.62 | |
| | | | eSg | 48:26.00 | | -0.80 | |
| VYHS | 66.0 | 321 | ePg | 1:48:19.10 | | 0.86 | |
| | | | eSg | 48:27.20 | | -0.24 | |
| BUD | 67.2 | 205 | ePgD | 1:48:18.41 | | -0.04 | |
| | | | eSg | 48:28.50 | | 0.69 | |
| SRO2 | 80.8 | 248 | ePg | 1:48:19.80 | | -1.08 | |
| | | | eSg | 48:30.70 | | -1.43 | |
| SRO | 84.6 | 253 | ePg | 1:48:21.80 | | 0.25 | |
| | | | eSg | 48:32.90 | | -0.44 | |
| KECS | 95.1 | 58 | ePg | 1:48:22.60 | | -0.83 | |
| | | | eSg | 48:35.00 | | -1.67 | |
| PKSG | 103.8 | 227 | ePgD | 1:48:24.48 | | -0.51 | |
| | | | eSg | 48:40.55 | | 1.09 | |
| BSZH | 104.5 | 141 | ePgD | 1:48:25.40 | | 0.29 | |
| | | | eSg | 48:39.15 | | -0.51 | |
| PKS7 | 111.0 | 189 | ePg | 1:48:26.83 | | 0.56 | |
| | | | eSg | 48:41.05 | | -0.69 | |
| CSKK | 113.2 | 229 | ePg | 1:48:25.85 | | -0.82 | |
| | | | eSg | 48:42.40 | | -0.04 | |
| LANS | 124.4 | 2 | ePg | 1:48:29.10 | | 0.44 | |
| | | | eSg | 48:43.90 | | -2.08 | |
| PKSN | 131.2 | 164 | ePnD | 1:48:29.87 | | 0.26 | |
| | | | eSn | 48:46.50 | | -1.18 | |
| PKST | 133.7 | 230 | ePnD | 1:48:29.35 | | -0.58 | |
| | | | eSn | 48:48.00 | | -0.26 | |
| SMOL | 155.6 | 290 | e n | 1:48:32.40 | | -0.26 | |
| | | | eSn | 48:53.80 | | 0.70 | |
| PKS6 | 159.8 | 175 | ePn | 1:48:34.50 | | 1.31 | |
| | | | eSn | 48:54.14 | | 0.09 | |
| MODS | 162.1 | 284 | e n | 1:48:32.20 | | -1.26 | |
| | | | eSn | 48:54.20 | | -0.34 | |
| EGYH | 169.4 | 246 | ePn | 1:48:35.89 | | 1.51 | |
| | | | eSn | 48:58.56 | | 2.39 | |
| MPLH | 169.5 | 236 | ePnD | 1:48:35.19 | | 0.80 | |
| | | | eSn | 49:00.28 | | 4.10* | |
| TIH | 169.5 | 222 | ePn | 1:48:35.07 | | 0.68 | |
| | | | eSn | 48:58.73 | | 2.54 | |
| PKS2 | 171.9 | 185 | ePn | 1:48:34.77 | | 0.08 | |
| | | | eSn | 48:57.52 | | 0.80 | |
| CRVS | 180.7 | 58 | e n | 1:48:36.00 | | 0.21 | |
| | | | eSn | 48:58.10 | | -0.58 | |
| PKS9 | 181.6 | 208 | ePnC | 1:48:35.70 | | -0.21 | |
| | | | eSn | 49:00.19 | | 1.30 | |
| LTVH | 201.2 | 111 | ePn | 1:48:38.37 | | 0.02 | |
| | | | eSn | 49:06.67 | | 3.43* | |
| STHS | 205.3 | 41 | e n | 1:48:39.50 | | 0.65 | |
| MORH | 209.9 | 196 | ePnD | 1:48:38.44 | | -1.00 | |
| PKSM | 210.4 | 196 | ePnC | 1:48:38.57 | | -0.93 | |
| | | | eSn | 49:02.45 | | -2.83* | |
| SOP | 216.0 | 260 | ePnD | 1:48:40.00 | | -0.18 | |
| | | | eSn | 49:04.64 | | -1.86 | |
| OKC | 220.6 | 335 | ePn | 1:48:41.80 | | 1.04 | |
| KOLS | 235.0 | 65 | e n | 1:48:42.50 | | -0.06 | |
| MORC | 236.8 | 325 | PnD | 1:48:43.14 | | 0.35 | |
| VRAC | 250.5 | 304 | PnD | 1:48:44.72 | | 0.23 | |
| PKSV | 253.8 | 200 | ePnC | 1:48:44.48 | | -0.43 | |
| SIRR | 260.7 | 139 | PnD | 1:48:44.71 | | -1.06 | |
| CONA | 264.2 | 267 | Pn | 1:48:46.03 | | -0.17 | |
| | | | Sn | 49:14.43 | | -2.78* | |
| KRLC | 296.9 | 320 | ePn | 1:48:50.70 | | 0.43 | |

| | | | | | | | |
|------|-------|-----|-----|------------|--|--------|--|
| | | | eSn | 49:23.30 | | -1.16* | |
| ARSA | 303.8 | 253 | Pn | 1:48:51.36 | | 0.22* | |
| BZS | 317.6 | 148 | PnC | 1:48:52.10 | | -0.75* | |
| TREC | 320.4 | 296 | ePn | 1:48:53.40 | | 0.19* | |
| | | | eSn | 49:27.50 | | -2.18* | |
| DPC | 341.5 | 319 | ePn | 1:48:56.40 | | 0.56* | |
| | | | eSn | 49:33.00 | | -1.37* | |
| CJR | 349.6 | 115 | PnC | 1:48:56.83 | | -0.02* | |
| DEV | 358.3 | 132 | PnC | 1:48:57.55 | | -0.38* | |
| SOKA | 362.5 | 245 | Pn | 1:48:58.50 | | 0.04* | |
| UPC | 369.3 | 318 | ePn | 1:49:00.10 | | 0.79* | |
| | | | eSn | 49:53.10 | | 12.55* | |
| MOA | 383.9 | 267 | Pn | 1:49:01.37 | | 0.24* | |
| GOPC | 397.1 | 302 | ePn | 1:49:03.10 | | 0.33* | |
| | | | eSn | 49:44.10 | | -2.60* | |
| MDVR | 402.9 | 154 | PnC | 1:49:03.25 | | -0.25* | |
| OBKA | 404.1 | 245 | Pn | 1:49:04.12 | | 0.47* | |
| PRU | 416.5 | 301 | ePn | 1:49:05.00 | | -0.19* | |
| | | | eSn | 49:48.10 | | -2.91* | |
| HERR | 420.2 | 146 | PnC | 1:49:05.44 | | -0.21* | |
| PRA | 427.8 | 302 | ePn | 1:49:07.00 | | 0.40* | |
| | | | eSn | 49:51.00 | | -2.52* | |
| BURA | 438.3 | 96 | PnC | 1:49:08.42 | | 0.51* | |
| KHC | 446.4 | 286 | ePn | 1:49:09.10 | | 0.19* | |
| | | | eSn | 49:55.50 | | -2.14* | |
| PVCC | 447.7 | 308 | ePn | 1:49:09.20 | | 0.12* | |
| DOPR | 510.3 | 117 | PnC | 1:49:16.96 | | 0.07* | |
| VOIR | 519.6 | 124 | PnC | 1:49:18.48 | | 0.44* | |
| NKC | 563.1 | 296 | ePn | 1:49:23.80 | | 0.33* | |
| WTTA | 589.3 | 262 | Pn | 1:49:26.87 | | 0.13* | |

297.

2014-08-03 time: 11:22:55.55 UTC ML= 0.3
 lat: 47.403N lon: 17.988E h= 0.0 km
 erh= 2.4km erz= 300km
 nr= 6 gap=285 rms=0.18
 Locality: Ácsteszer
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-------|-----|
| PKST | 16.4 | 168 | ePg | 11:22:58.34 | | -0.15 | |
| | | | eSg | 23:01.00 | | 0.22 | |
| CSKK | 21.1 | 102 | ePg | 11:22:59.20 | | -0.11 | |
| | | | eSg | 23:02.46 | | 0.21 | |
| PKSG | 30.4 | 92 | ePg | 11:23:01.14 | | 0.15 | |
| | | | eSg | 23:04.95 | | -0.28 | |

298.

2014-08-05 time: 5:15:36.69 UTC ML= 0.0
 lat: 47.291N lon: 18.174E h= 3.8 km
 erh= 6.1km erz= 6.9km
 nr= 6 gap=196 rms=0.11
 Locality: Balinka
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-------|-----|
| CSKK | 10.4 | 39 | ePgC | 5:15:38.87 | | 0.20 | |
| | | | eSg | 15:40.10 | | -0.11 | |
| PKST | 11.1 | 251 | ePgD | 5:15:38.73 | | -0.06 | |
| | | | eSg | 15:40.42 | | -0.01 | |
| PKSG | 19.9 | 56 | ePg | 5:15:40.21 | | -0.10 | |
| | | | eSg | 15:43.15 | | 0.02 | |

299.

2014-08-05 time: 6:59:59.83 UTC ML= 1.1
 lat: 47.495N lon: 18.399E h= 0.0 km
 erh= 5.6km erz= 645km
 nr= 6 gap=317 rms=0.37
 Locality: Várgesztes
 Comments: probably explosion

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 11.5 | 183 | ePgC | 7:00:02.12 | 0.24 |
| | | | eSg | 00:03.09 | -0.39 |
| CSKK | 18.0 | 216 | ePgD | 7:00:03.36 | 0.31 |
| | | | eSg | 00:05.31 | -0.25 |
| PKST | 38.1 | 226 | ePgC | 7:00:06.13 | -0.50 |
| | | | eSg | 00:12.44 | 0.51 |

300.

2014-08-05 time: 7:00:17.46 UTC ML= 1.0
 lat: 47.448N lon: 18.378E h= 0.0 km
 erh= 1.5km erz= 186km
 nr= 6 gap=300 rms=0.11
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.3 | 171 | ePgC | 7:00:18.58 | 0.00 |
| | | | eSg | 00:19.43 | -0.03 |
| CSKK | 12.9 | 223 | ePgD | 7:00:19.89 | 0.12 |
| | | | eSg | 00:21.29 | -0.28 |
| PKST | 33.4 | 231 | ePgC | 7:00:23.35 | -0.07 |
| | | | eSg | 00:28.19 | 0.12 |

301.

2014-08-05 time: 12:15:08.75 UTC ML= 0.6
 lat: 47.480N lon: 18.021E h= 0.0 km
 erh= 6.4km erz= 805km
 nr= 6 gap=292 rms=0.48
 Locality: Kisbér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 22.3 | 126 | ePgD | 12:15:13.25 | 0.52 |
| | | | eSg | 15:16.30 | 0.47 |
| PKST | 24.6 | 178 | ePgD | 12:15:13.29 | 0.14 |
| | | | eSg | 15:16.22 | -0.36 |
| PKSG | 29.6 | 109 | ePgD | 12:15:13.72 | -0.31 |
| | | | eSg | 15:17.07 | -1.08 |

302.

2014-08-06 time: 22:54:48.99 UTC ML= 0.2
 lat: 47.435N lon: 18.228E h= 10.0 km
 erh= 7.0km erz= 5.5km
 nr= 6 gap=255 rms=0.12
 Locality: Pusztavám
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 8.4 | 163 | ePgC | 22:54:51.34 | 0.03 |
| | | | eSg | 54:53.09 | -0.04 |
| PKSG | 13.2 | 111 | ePg | 22:54:52.08 | 0.14 |
| | | | eSg | 54:54.14 | -0.10 |
| PKST | 24.4 | 217 | ePg | 22:54:53.52 | -0.18 |
| | | | eSg | 54:57.52 | 0.14 |

303.

2014-08-07 time: 11:34:16.25 UTC ML= 0.4
 lat: 47.451N lon: 18.079E h= 0.0 km
 erh= 2.3km erz= 290km
 nr= 6 gap=277 rms=0.17
 Locality: Bakonysárkány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 16.9 | 125 | ePgC | 11:34:19.54 | 0.28 |
| | | | eSg | 34:21.43 | -0.17 |
| PKST | 21.6 | 189 | ePg | 11:34:19.96 | -0.14 |
| | | | eSg | 34:23.18 | 0.07 |
| PKSG | 24.5 | 106 | ePgC | 11:34:20.51 | -0.10 |

eSg 34:24.03 0.01

304.

2014-08-08 time: 9:16:25.32 UTC ML= 1.9
 lat: 48.909N lon: 20.487E h= 0.0 km
 erh= 3.7km erz= ***km
 nr= 10 gap=161 rms=0.85
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 47.4 | 180 | ePg | 9:16:34.00 | 0.22 |
| | | | eSg | 16:39.90 | -0.47 |
| IZAB | 68.4 | 236 | ePg | 9:16:38.90 | 1.36 |
| | | | eSg | 16:46.70 | -0.36 |
| CRVS | 71.4 | 91 | ePg | 9:16:38.70 | 0.63 |
| | | | eSg | 16:46.70 | -1.31 |
| LANS | 79.3 | 290 | eSg | 9:16:50.10 | -0.41 |
| PSZ | 118.6 | 202 | ePg | 9:16:46.52 | 0.02 |
| VYHS | 130.0 | 249 | ePg | 9:16:48.80 | 0.26 |
| | | | eSg | 17:03.90 | -2.75 |

305.

2014-08-08 time: 11:42:51.82 UTC ML= 0.6
 lat: 47.471N lon: 18.072E h= 0.0 km
 erh= 3.7km erz= 349km
 nr= 5 gap=283 rms=0.17
 Locality: Vérteskethely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 18.6 | 130 | ePgC | 11:42:54.88 | -0.26 |
| PKST | 23.7 | 187 | ePgD | 11:42:56.12 | 0.07 |
| | | | eSg | 42:59.25 | -0.10 |
| PKSG | 25.6 | 110 | ePgD | 11:42:56.59 | 0.20 |
| | | | eSg | 43:00.00 | 0.05 |

306.

2014-08-08 time: 20:17:35.29 UTC ML= 1.8
 lat: 45.750N lon: 18.985E h= 2.0 km
 erh= 3.7km erz= 6.1km
 nr= 17 gap=168 rms=0.66
 Locality: Serbia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| PKSM | 57.9 | 333 | ePgD | 20:17:45.60 | -0.03 |
| | | | eSg | 17:53.79 | 0.10 |
| MORH | 58.2 | 333 | ePgD | 20:17:45.69 | 0.01 |
| | | | eSg | 17:53.74 | -0.05 |
| PKSV | 59.0 | 285 | ePg | 20:17:45.28 | -0.55 |
| | | | eSg | 17:53.09 | -0.97 |
| PKS2 | 84.4 | 12 | ePg | 20:17:50.94 | 0.58 |
| | | | eSg | 18:01.48 | -0.64 |
| PKS6 | 104.6 | 25 | ePg | 20:17:53.71 | -0.25 |
| | | | eSg | 18:07.52 | -1.01 |
| PKS9 | 107.9 | 330 | ePg | 20:17:54.82 | 0.26 |
| | | | eSg | 18:11.22 | 1.64 |
| BZS | 205.6 | 94 | PnC | 20:18:08.83 | 1.14 |
| | | | Sn | 18:31.20 | -1.76 |
| MDVR | 239.6 | 117 | PnC | 20:18:13.28 | 1.34 |
| | | | Sn | 18:40.10 | -0.42 |
| PSZ | 250.9 | 16 | Sn | 20:18:47.30 | 4.28* |
| HERR | 285.8 | 110 | Sn | 20:18:47.80 | -2.98* |

Hypocenter Parameters

Földrengés paraméterek

307.
 2014-08-11 time: 8:11:45.52 UTC ML= 0.7
 lat: 45.929N lon: 18.694E h= 0.0 km
 erh= 2.2km erz= 223km
 nr= 6 gap=270 rms=0.14
 Locality: Kőlked
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSM | 31.7 | 353 | ePg | 8:11:51.16 | -0.03 |
| | | | eSg | 11:55.67 | 0.06 |
| MORH | 32.2 | 353 | ePgD | 8:11:51.20 | -0.06 |
| | | | eSg | 11:55.77 | 0.03 |
| PKSV | 34.6 | 263 | ePgD | 8:11:51.85 | 0.15 |
| | | | eSg | 11:56.12 | -0.40 |

308.
 2014-08-12 time: 6:53:19.24 UTC ML= 0.7
 lat: 47.398N lon: 18.464E h= 0.0 km
 erh= 6.3km erz= 431km
 nr= 6 gap=342 rms=0.25
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.6 | 263 | ePgC | 6:53:20.54 | 0.31 |
| | | | eSg | 53:21.11 | 0.10 |
| CSKK | 15.8 | 256 | ePgD | 6:53:21.90 | -0.17 |
| | | | eSg | 53:23.74 | -0.53 |
| PKST | 36.0 | 245 | ePgC | 6:53:25.56 | -0.10 |
| | | | eSg | 53:30.92 | 0.25 |

309.
 2014-08-12 time: 7:12:52.16 UTC ML= 1.3
 lat: 45.882N lon: 18.382E h= 0.0 km
 erh= 6.4km erz= 590km
 nr= 7 gap=245 rms=0.40
 Locality: Kisharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 10.1 | 274 | ePgC | 7:12:54.00 | 0.03 |
| | | | eSg | 12:55.06 | -0.32 |
| PKSM | 41.8 | 29 | ePgC | 7:12:59.70 | 0.09 |
| | | | eSg | 13:04.79 | -0.64 |
| MORH | 42.3 | 29 | ePgC | 7:12:59.75 | 0.05 |
| | | | eSg | 13:05.65 | 0.06 |
| PKS9 | 78.7 | 354 | ePg | 7:13:08.00 | 1.78 |

310.
 2014-08-13 time: 10:36:09.41 UTC ML= 2.2
 lat: 46.491N lon: 16.247E h= 6.7 km
 erh= 1.5km erz= 1.0km
 nr= 51 gap= 64 rms=0.62
 Locality: Slovenia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| KOGS | 4.7 | 177 | iPgD | 10:36:11.21 | 0.34 |
| | | | iSg | 36:12.52 | 0.51 |
| GROS | 57.4 | 267 | iPg | 10:36:19.71 | -0.01 |
| DOBS | 70.9 | 238 | iPg | 10:36:22.11 | -0.02 |
| | | | eSg | 36:32.12 | 0.07 |
| GOLS | 71.8 | 222 | iPg | 10:36:22.70 | 0.42 |
| | | | eSg | 36:32.16 | -0.16 |
| CESS | 83.5 | 226 | iPg | 10:36:24.79 | 0.43 |
| GCIS | 84.2 | 215 | ePg | 10:36:24.62 | 0.13 |
| | | | eSg | 36:35.68 | -0.58 |
| BISS | 87.7 | 282 | ePg | 10:36:24.41 | -0.69 |
| PERS | 88.2 | 281 | iPg | 10:36:24.59 | -0.61 |

| | | | | | |
|------|-------|-----|------|-------------|--------|
| LEGS | 93.7 | 230 | iPgC | 10:36:26.24 | 0.07 |
| | | | iSg | 36:38.29 | -0.96 |
| SOKA | 95.4 | 283 | Pg | 10:36:25.34 | -1.15 |
| CRES | 95.8 | 220 | ePg | 10:36:26.58 | 0.02 |
| | | | eSg | 36:39.40 | -0.55 |
| ARSA | 100.9 | 327 | Pg | 10:36:26.57 | -0.90 |
| PDKS | 107.5 | 244 | iPg | 10:36:28.30 | -0.34 |
| MPLH | 124.2 | 53 | ePn | 10:36:30.41 | -0.66 |
| | | | eSn | 36:46.68 | -1.29 |
| VNDS | 126.7 | 250 | iPn | 10:36:31.38 | -0.01 |
| OBKA | 130.4 | 271 | Pn | 10:36:32.39 | 0.54 |
| EGYH | 132.0 | 39 | ePn | 10:36:33.04 | 1.00 |
| | | | eSn | 36:50.16 | 0.46 |
| VISS | 132.9 | 235 | iPn | 10:36:32.21 | 0.05 |
| BOJS | 134.0 | 215 | iPn | 10:36:32.20 | -0.10 |
| SOP | 134.7 | 10 | ePn | 10:36:33.40 | 1.02 |
| | | | eSn | 36:47.94 | -2.36 |
| MOZS | 140.5 | 261 | ePn | 10:36:33.62 | 0.52 |
| LJU | 141.6 | 249 | ePn | 10:36:33.34 | 0.10 |
| GBAS | 152.4 | 246 | iPn | 10:36:34.77 | 0.18 |
| GBRS | 154.2 | 226 | iPn | 10:36:35.03 | 0.22 |
| PKST | 160.8 | 58 | ePn | 10:36:37.82 | 2.19 |
| CONA | 162.5 | 350 | Pn | 10:36:36.01 | 0.16 |
| CEY | 163.7 | 239 | ePn | 10:36:36.40 | 0.41 |
| | | | eSn | 36:59.41 | 2.68* |
| PKSV | 168.6 | 113 | ePn | 10:36:35.47 | -1.14 |
| | | | eSn | 36:58.33 | 0.50 |
| KNDS | 179.9 | 234 | iPn | 10:36:38.18 | 0.17 |
| JAVS | 181.1 | 249 | iPn | 10:36:38.43 | 0.26 |
| PKSM | 186.9 | 100 | ePn | 10:36:37.22 | -1.66 |
| MORH | 187.0 | 99 | ePn | 10:36:37.20 | -1.70 |
| | | | eSn | 36:58.26 | -3.64* |
| VOJS | 188.9 | 254 | iPn | 10:36:39.44 | 0.30 |
| CADS | 195.4 | 261 | iPn | 10:36:40.50 | 0.55 |
| MYKA | 200.4 | 274 | Pn | 10:36:40.56 | -0.01 |
| MOA | 213.1 | 315 | Pn | 10:36:43.35 | 1.20 |
| | | | Sn | 37:08.09 | 0.40 |
| KBA | 231.1 | 286 | Pn | 10:36:45.50 | 1.10 |
| ABTA | 287.5 | 276 | Pn | 10:36:53.34 | 1.90 |
| VYHS | 296.1 | 41 | ePn | 10:36:54.60 | 2.10 |
| KHC | 355.2 | 326 | ePn | 10:37:01.90 | 2.03* |
| | | | eSn | 37:38.70 | -0.54* |
| WTTA | 361.9 | 284 | Pn | 10:37:02.68 | 1.97* |
| WATA | 368.1 | 285 | Pn | 10:37:03.36 | 1.88* |
| MOTA | 403.2 | 284 | Pn | 10:37:07.28 | 1.42* |

311.
 2014-08-13 time: 13:07:06.24 UTC ML= 0.9
 lat: 47.425N lon: 18.808E h= 0.3 km
 erh= 5.3km erz= 191km
 nr= 5 gap=349 rms=0.11
 Locality: Sós-kút
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSG | 31.7 | 263 | ePg | 13:07:11.84 | -0.06 |
| | | | eSg | 07:16.20 | -0.12 |
| CSKK | 41.9 | 260 | ePg | 13:07:13.88 | 0.16 |
| | | | eSg | 07:19.65 | 0.09 |
| PKST | 61.3 | 252 | eSg | 13:07:25.62 | -0.11 |

312.
 2014-08-14 time: 6:12:34.56 UTC ML= 1.6
 lat: 47.952N lon: 19.883E h= 0.0 km
 erh= 2.3km erz= 710km
 nr= 6 gap=130 rms=0.44
 Locality: Dorogháza
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 3.8 | 167 | ePgD | 6:12:34.77 | -0.47 |
| | | | eSg | 12:36.53 | 0.76 |
| PENC | 48.4 | 248 | eSg | 6:12:49.50 | -0.46 |

Földrengés paraméterek

IZAB 69.8 350 ePg 6:12:47.00 -0.02
 KECS 74.1 37 eSg 6:12:58.50 0.37
 VYHS 98.4 308 eSg 6:13:06.20 0.35

313.

2014-08-15 time: 7:29:25.35 UTC ML= 0.6
 lat: 47.417N lon: 18.378E h= 0.0 km
 erh= 3.5km erz= 371km
 nr= 5 gap=285 rms=0.17
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 3.0 | 161 | ePgC | 7:29:25.90 | | | 0.01 |
| | | | eSg | | 29:26.23 | | -0.08 |
| CSKK | 10.7 | 236 | ePg | 7:29:27.04 | | | -0.22 |
| | | | eSg | | 29:28.72 | | -0.03 |
| PKST | 31.4 | 236 | ePg | 7:29:31.25 | | | 0.30 |

314.

2014-08-15 time: 7:36:20.46 UTC ML= 0.9
 lat: 47.349N lon: 18.372E h= 0.0 km
 erh= 5.6km erz= 664km
 nr= 6 gap=232 rms=0.35
 Locality: Zámoly
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 5.0 | 16 | ePgC | 7:36:20.94 | | | -0.41 |
| | | | eSg | | 36:21.49 | | -0.55 |
| CSKK | 8.6 | 281 | ePgD | 7:36:22.27 | | | 0.28 |
| | | | eSg | | 36:23.21 | | 0.02 |
| PKST | 27.4 | 249 | ePgC | 7:36:25.75 | | | 0.39 |
| | | | eSg | | 36:29.14 | | -0.04 |

315.

2014-08-15 time: 9:18:39.16 UTC ML= 2.3
 lat: 48.896N lon: 20.509E h= 0.0 km
 erh= 1.9km erz= 5.2km
 nr= 14 gap=112 rms=0.64
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KECS | 45.9 | 182 | ePg | 9:18:47.50 | | | 0.14 |
| | | | eSg | | 18:53.40 | | -0.36 |
| IZAB | 69.0 | 238 | ePg | 9:18:51.90 | | | 0.42 |
| | | | eSg | | 19:00.30 | | -0.79 |
| CRVS | 69.8 | 89 | ePg | 9:18:52.30 | | | 0.67 |
| | | | eSg | | 19:01.00 | | -0.36 |
| STHS | 78.9 | 43 | ePg | 9:18:52.80 | | | -0.46 |
| | | | eSg | | 19:03.60 | | -0.65 |
| LANS | 81.3 | 290 | ePg | 9:18:54.30 | | | 0.62 |
| | | | eSg | | 19:04.90 | | -0.11 |
| PSZ | 117.8 | 203 | ePgD | 9:19:01.14 | | | 0.94 |
| | | | eSg | | 19:15.41 | | -1.21 |
| VYHS | 131.0 | 250 | ePn | 9:19:02.20 | | | -0.11 |
| | | | eSn | | 19:17.30 | | -3.07 |

316.

2014-08-16 time: 2:47:10.37 UTC ML= 1.4
 lat: 45.684N lon: 19.285E h= 13.0 km
 erh= 3.5km erz= 3.1km
 nr= 10 gap=274 rms=0.29
 Locality: Serbia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSM | 77.0 | 320 | ePgC | 2:47:24.10 | | | -0.21 |
| | | | eSg | | 47:35.65 | | 0.46 |

Hypocenter Parameters

MORH 77.2 320 ePgC 2:47:24.14 -0.21
 eSg 47:35.51 0.26
 PKSV 83.4 286 ePg 2:47:25.68 0.23
 eSg 47:37.16 -0.05
 PKS2 89.9 356 eP* 2:47:26.44 -0.14
 eS* 47:40.17 0.94
 PKS6 104.0 12 ePn 2:47:29.03 0.32
 eSn 47:42.30 -0.72

317.

2014-08-18 time: 12:09:32.53 UTC ML= 0.2
 lat: 47.470N lon: 18.073E h= 0.0 km
 erh= 4.4km erz= 581km
 nr= 6 gap=283 rms=0.34
 Locality: Vérteskethely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| CSKK | 18.5 | 130 | ePg | 12:09:36.30 | | | 0.47 |
| | | | eSg | | 09:38.73 | | 0.32 |
| PKST | 23.7 | 187 | ePgC | 12:09:36.80 | | | 0.04 |
| | | | eSg | | 09:39.74 | | -0.31 |
| PKSG | 25.5 | 110 | ePg | 12:09:36.95 | | | -0.13 |
| | | | eSg | | 09:39.99 | | -0.65 |

318.

2014-08-19 time: 9:55:39.54 UTC ML= 1.1
 lat: 47.456N lon: 18.244E h= 0.0 km
 erh= 1.6km erz= 229km
 nr= 6 gap=267 rms=0.13
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| CSKK | 10.4 | 173 | ePg | 9:55:41.30 | | | -0.09 |
| | | | eSg | | 55:42.66 | | -0.17 |
| PKSG | 13.2 | 123 | ePgC | 9:55:41.90 | | | 0.01 |
| | | | eSg | | 55:43.91 | | 0.18 |
| PKST | 27.0 | 216 | ePg | 9:55:44.29 | | | -0.07 |
| | | | eSg | | 55:48.38 | | 0.26 |

319.

2014-08-22 time: 6:21:20.47 UTC ML= 0.8
 lat: 47.458N lon: 18.402E h= 0.0 km
 erh= 2.2km erz= 258km
 nr= 6 gap=315 rms=0.15
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 7.5 | 187 | ePgC | 6:21:21.91 | | | 0.10 |
| | | | eSg | | 21:22.55 | | -0.30 |
| CSKK | 15.1 | 225 | ePgD | 6:21:23.27 | | | 0.11 |
| | | | eSg | | 21:25.26 | | 0.00 |
| PKST | 35.6 | 231 | ePgC | 6:21:26.65 | | | -0.17 |
| | | | eSg | | 21:31.96 | | 0.18 |

320.

2014-08-22 time: 10:52:44.38 UTC ML= 0.3
 lat: 47.466N lon: 18.070E h= 0.0 km
 erh= 1.4km erz= 183km
 nr= 6 gap=282 rms=0.11
 Locality: Vérteskethely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| CSKK | 18.4 | 129 | ePgC | 10:52:47.82 | | | 0.15 |
| | | | eSg | | 52:50.32 | | 0.09 |
| PKST | 23.2 | 187 | ePg | 10:52:48.49 | | | -0.04 |
| | | | eSg | | 52:51.69 | | -0.07 |

Hypocenter Parameters

PKSG 25.6 109 ePg 10:52:48.86 -0.09
eSg 52:52.38 -0.13

321.

2014-08-25 time: 7:36:07.38 UTC ML= 0.5
lat: 47.430N lon: 18.369E h= 0.0 km
erh= 7.7km erz= 925km
nr= 6 gap=286 rms=0.54
Locality: Gánt
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.5 | 159 | ePgC | 7:36:07.98 | -0.21 |
| | | | eSg | 36:08.78 | -0.03 |
| CSKK | 11.1 | 228 | ePgD | 7:36:09.35 | -0.01 |
| | | | eSg | 36:11.70 | 0.80 |
| PKST | 31.6 | 233 | ePg | 7:36:13.43 | 0.40 |
| | | | eSg | 36:15.86 | -1.58 |

322.

2014-08-25 time: 7:36:40.69 UTC ML= 0.6
lat: 47.411N lon: 18.341E h= 0.0 km
erh= 6.9km erz= 627km
nr= 6 gap=246 rms=0.37
Locality: Gánt
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.4 | 120 | ePgC | 7:36:41.27 | -0.19 |
| | | | eSg | 36:42.01 | -0.06 |
| CSKK | 8.1 | 228 | ePgD | 7:36:42.57 | 0.43 |
| | | | eSg | 36:43.47 | 0.20 |
| PKST | 28.7 | 234 | ePg | 7:36:45.84 | 0.02 |
| | | | eSg | 36:48.80 | -1.01 |

323.

2014-08-25 time: 11:22:31.52 UTC ML= 0.3
lat: 47.462N lon: 18.054E h= 0.0 km
erh= 2.2km erz= 295km
nr= 6 gap=283 rms=0.17
Locality: Vérteskethely
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.1 | 125 | ePg | 11:22:35.25 | 0.32 |
| | | | eSg | 22:37.61 | 0.02 |
| PKST | 22.6 | 184 | ePg | 11:22:35.56 | 0.00 |
| | | | eSg | 22:38.61 | -0.10 |
| PKSG | 26.6 | 107 | ePg | 11:22:36.05 | -0.22 |
| | | | eSg | 22:39.96 | -0.02 |

324.

2014-08-25 time: 22:07:10.54 UTC ML= 1.1
lat: 47.748N lon: 18.374E h= 11.1 km
erh= 2.6km erz= 1.7km
nr= 18 gap=130 rms=0.68
Locality: Neszmély
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| SRO2 | 2.2 | 43 | ePg | 22:07:11.70 | -0.87 |
| | | | eSg | 07:13.00 | -1.15 |
| PKSG | 39.6 | 178 | ePg | 22:07:18.33 | 0.44 |
| | | | eSg | 07:23.50 | -0.13 |
| CSKK | 43.6 | 191 | ePgD | 22:07:19.16 | 0.58 |
| | | | eSg | 07:24.93 | 0.07 |
| PKST | 60.1 | 205 | ePgD | 22:07:21.13 | -0.32 |
| | | | eSg | 07:29.57 | -0.40 |
| EGYH | 86.6 | 245 | ePg | 22:07:27.07 | 0.94 |
| | | | eSg | 07:37.65 | -0.65 |

Földrengés paraméterek

VYHS 89.8 23 ePg 22:07:27.70 1.00
eSg 07:38.60 -0.70

MPLH 89.9 224 ePg 22:07:27.13 0.41
eSg 07:39.37 0.02

MODS 107.3 310 ePn 22:07:29.10 -0.43
eSn 07:42.00 -2.35

MORH 171.6 173 eSn 22:07:57.48 -1.12
PKSM 172.0 173 eSn 22:07:58.21 -0.49

325.

2014-08-27 time: 6:04:51.84 UTC ML= 0.7
lat: 47.454N lon: 18.205E h= 0.0 km
erh= 2.3km erz= 326km
nr= 6 gap=266 rms=0.20
Locality: Bokod
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 10.9 | 157 | ePg | 6:04:53.98 | 0.19 |
| | | | eSg | 04:55.47 | 0.16 |
| PKSG | 15.6 | 116 | ePg | 6:04:54.56 | -0.07 |
| | | | eSg | 04:56.36 | -0.44 |
| PKST | 25.2 | 211 | ePgD | 6:04:56.44 | 0.10 |
| | | | eSg | 04:59.64 | -0.21 |

326.

2014-08-27 time: 10:03:31.27 UTC ML= 1.8
lat: 48.454N lon: 19.422E h= 0.0 km
erh= 8.8km erz=15.2km
nr= 13 gap=143 rms=2.56
Locality: Slovakia
Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| IZAB | 25.0 | 59 | ePg | 10:03:35.90 | 0.17 |
| | | | eSg | 03:39.60 | 0.39 |
| VYHS | 43.6 | 276 | ePg | 10:03:37.80 | -1.25 |
| | | | eSg | 03:42.50 | -2.62 |
| PSZ | 69.1 | 149 | ePg | 10:03:43.63 | 0.02 |
| | | | eSg | 03:52.61 | -0.63 |
| PENC | 74.5 | 188 | ePg | 10:03:47.80 | 3.23 |
| | | | eSg | 03:53.73 | -1.22 |
| KECS | 78.7 | 88 | ePg | 10:03:44.30 | -1.02 |
| | | | eSg | 03:55.30 | -0.99 |
| PKSG | 141.0 | 213 | eSn | 10:04:11.32 | -3.77 |
| CSKK | 149.2 | 216 | eSn | 10:04:15.32 | -1.58 |
| MODS | 159.1 | 267 | e n | 10:04:12.40 | 14.26 |

327.

2014-08-27 time: 14:19:39.10 UTC ML= 1.9
lat: 48.100N lon: 19.882E h= 0.3 km
erh= 2.7km erz= 379km
nr= 8 gap=131 rms=0.47
Locality: Rónafalu
Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 20.3 | 177 | ePgD | 14:19:42.54 | -0.17 |
| | | | eSg | 19:45.22 | -0.31 |
| IZAB | 53.6 | 346 | ePg | 14:19:49.30 | 0.63 |
| | | | eSg | 19:55.80 | -0.33 |
| KECS | 61.8 | 46 | ePg | 14:19:50.10 | -0.03 |
| | | | eSg | 19:57.70 | -1.04 |
| VYHS | 89.1 | 299 | ePg | 14:19:55.40 | 0.39 |
| | | | eSg | 20:06.30 | -1.11 |

Földrengés paraméterek

Hypocenter Parameters

328.

2014-08-28 time: 8:01:32.65 UTC ML= 1.1
 lat: 45.848N lon: 18.415E h= 0.0 km
 erh= 7.9km erz= 854km
 nr= 7 gap=266 rms=0.58
 Locality: Nagyharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSV | 13.4 | 289 | ePg | 8:01:34.84 | | | -0.20 |
| | | | eSg | | 01:36.70 | | -0.21 |
| PKSM | 44.0 | 23 | ePgc | 8:01:40.60 | | | 0.09 |
| | | | eSg | | 01:45.47 | | -1.18 |
| MORH | 44.5 | 23 | ePgc | 8:01:40.61 | | | 0.01 |
| | | | eSg | | 01:46.61 | | -0.20 |
| PKS9 | 82.8 | 353 | ePg | 8:01:48.71 | | | 1.28 |

329.

2014-08-28 time: 9:02:28.19 UTC ML= 0.4
 lat: 45.969N lon: 18.647E h= 0.0 km
 erh= 0.7km erz=59.3km
 nr= 5 gap=254 rms=0.03
 Locality: Mohács
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSM | 27.0 | 359 | ePg | 9:02:33.03 | | | 0.02 |
| | | | eSg | | 02:36.75 | | -0.03 |
| MORH | 27.5 | 360 | ePg | 9:02:33.06 | | | -0.03 |
| | | | eSg | | 02:36.96 | | 0.04 |
| PKSV | 31.9 | 254 | eSg | 9:02:38.34 | | | 0.01 |

330.

2014-08-29 time: 7:14:04.27 UTC ML= 0.7
 lat: 47.456N lon: 18.408E h= 0.0 km
 erh= 5.5km erz= 556km
 nr= 5 gap=318 rms=0.25
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 7.3 | 190 | ePgc | 7:14:05.74 | | | 0.17 |
| | | | eSg | | 14:06.21 | | -0.38 |
| CSKK | 15.2 | 227 | ePgD | 7:14:07.16 | | | 0.18 |
| | | | eSg | | 14:09.27 | | 0.17 |
| PKST | 35.7 | 232 | ePg | 7:14:10.28 | | | -0.37 |

331.

2014-08-29 time: 10:24:17.92 UTC ML= 0.4
 lat: 47.441N lon: 18.057E h= 0.0 km
 erh= 2.6km erz= 340km
 nr= 6 gap=277 rms=0.22
 Locality: Aka
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| CSKK | 17.6 | 119 | ePg | 10:24:21.32 | | | 0.26 |
| | | | eSg | | 24:23.57 | | 0.06 |
| PKST | 20.3 | 185 | ePg | 10:24:21.73 | | | 0.19 |
| | | | eSg | | 24:24.07 | | -0.29 |
| PKSG | 25.7 | 102 | ePgc | 10:24:22.46 | | | -0.05 |
| | | | eSg | | 24:25.71 | | -0.39 |

332.

2014-09-01 time: 7:10:26.94 UTC ML= 0.0
 lat: 47.181N lon: 18.221E h= 0.0 km
 erh= 2.7km erz= 315km
 nr= 6 gap=273 rms=0.18
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKST | 16.6 | 301 | ePgD | 7:10:29.88 | | | -0.02 |
| | | | eSg | | 10:32.30 | | 0.09 |
| CSKK | 20.5 | 8 | ePgD | 7:10:30.56 | | | -0.03 |
| | | | eSg | | 10:32.90 | | -0.54 |
| PKSG | 26.7 | 29 | ePgD | 7:10:31.71 | | | 0.00 |
| | | | eSg | | 10:35.79 | | 0.36 |

333.

2014-09-02 time: 0:28:02.60 UTC ML= 1.0
 lat: 47.358N lon: 18.829E h= 2.9 km
 erh= 2.1km erz= 2.2km
 nr= 14 gap=134 rms=0.35
 Locality: Tárnok
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| BUD | 20.3 | 46 | ePg | 0:28:06.53 | | | 0.26 |
| | | | eSg | | 28:09.09 | | -0.04 |
| PKSG | 33.3 | 277 | ePgc | 0:28:08.75 | | | 0.17 |
| | | | eSg | | 28:13.05 | | -0.18 |
| CSKK | 42.9 | 271 | ePg | 0:28:10.54 | | | 0.25 |
| | | | eSg | | 28:16.36 | | 0.07 |
| PENC | 59.0 | 35 | ePg | 0:28:12.45 | | | -0.70 |
| | | | eSg | | 28:21.00 | | -0.37 |
| PKST | 61.1 | 260 | ePg | 0:28:13.50 | | | -0.02 |
| | | | eSg | | 28:21.50 | | -0.54 |
| PSZ | 101.5 | 52 | ePg | 0:28:21.59 | | | 0.86 |
| | | | eSg | | 28:34.95 | | 0.07 |
| VYHS | 126.3 | 0 | ePn | 0:28:25.00 | | | -0.02 |
| MORH | 127.7 | 186 | eSn | 0:28:42.66 | | | -0.14 |

334.

2014-09-02 time: 8:35:59.85 UTC ML= 1.0
 lat: 47.440N lon: 18.402E h= 0.0 km
 erh= 0.9km erz= 103km
 nr= 6 gap=315 rms=0.06
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 5.4 | 189 | ePgc | 8:36:00.85 | | | 0.03 |
| | | | eSg | | 36:01.62 | | 0.04 |
| CSKK | 13.7 | 231 | ePgD | 8:36:02.24 | | | -0.05 |
| | | | eSg | | 36:04.06 | | -0.14 |
| PKST | 34.3 | 234 | ePgc | 8:36:06.01 | | | 0.03 |
| | | | eSg | | 36:10.83 | | 0.08 |

335.

2014-09-02 time: 8:36:18.42 UTC ML= 0.9
 lat: 47.436N lon: 18.448E h= 0.0 km
 erh= 8.2km erz= 597km
 nr= 5 gap=341 rms=0.29
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 6.5 | 221 | ePgc | 8:36:19.82 | | | 0.23 |
| | | | eSg | | 36:20.42 | | -0.08 |
| CSKK | 16.3 | 240 | ePgD | 8:36:21.20 | | | -0.13 |
| | | | eSg | | 36:23.00 | | -0.60 |
| PKST | 36.9 | 238 | eSg | 8:36:30.54 | | | 0.38 |

Hypocenter Parameters

Földrengés paraméterek

336.

2014-09-02 time: 9:04:21.21 UTC ML= 0.8
 lat: 47.064N lon: 18.021E h= 0.0 km
 erh= 3.0km erz= 730km
 nr= 8 gap=170 rms=0.52
 Locality: Balatonfűzfő
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| TIH | 20.7 | 208 | ePg | 9:04:24.82 | -0.08 |
| | | | eSg | 04:28.12 | 0.34 |
| PKST | 21.7 | 3 | ePg | 9:04:24.76 | -0.32 |
| | | | eSg | 04:28.60 | 0.51 |
| CSKK | 37.9 | 29 | ePg | 9:04:27.98 | 0.01 |
| MPLH | 38.3 | 288 | ePg | 9:04:28.83 | 0.77 |
| | | | eSg | 04:32.01 | -1.39 |
| PKSG | 45.9 | 38 | ePg | 9:04:29.11 | -0.30 |

337.

2014-09-03 time: 3:13:53.49 UTC ML= 0.5
 lat: 47.291N lon: 18.340E h= 10.0 km
 erh= 5.8km erz= 6.1km
 nr= 6 gap=242 rms=0.28
 Locality: Magyaralmás
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 10.0 | 323 | ePg | 3:13:55.71 | -0.31 |
| | | | eSg | 13:57.66 | -0.33 |
| PKSG | 11.9 | 19 | ePg | 3:13:56.43 | 0.17 |
| | | | eSg | 13:58.67 | 0.25 |
| PKST | 23.4 | 261 | ePg | 3:13:57.94 | -0.09 |
| | | | eSg | 14:02.05 | 0.48 |

338.

2014-09-03 time: 11:58:14.36 UTC ML= 0.5
 lat: 47.158N lon: 18.320E h= 0.0 km
 erh= 3.2km erz= 433km
 nr= 6 gap=286 rms=0.26
 Locality: Sárszentmihály
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 23.2 | 349 | ePg | 11:58:18.30 | -0.21 |
| | | | eSg | 58:22.07 | 0.32 |
| PKST | 24.4 | 297 | ePg | 11:58:18.72 | 0.00 |
| | | | eSg | 58:21.87 | -0.25 |
| PKSG | 26.5 | 12 | ePg | 11:58:19.47 | 0.37 |
| | | | eSg | 58:22.50 | -0.29 |

339.

2014-09-05 time: 6:38:57.09 UTC ML= 0.8
 lat: 47.456N lon: 18.409E h= 0.0 km
 erh= 3.4km erz= 390km
 nr= 6 gap=319 rms=0.23
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.3 | 191 | ePgC | 6:38:58.58 | 0.18 |
| | | | eSg | 38:59.18 | -0.23 |
| CSKK | 15.3 | 227 | ePgD | 6:38:59.91 | 0.09 |
| | | | eSg | 39:01.78 | -0.16 |
| PKST | 35.8 | 232 | ePgD | 6:39:03.22 | -0.27 |
| | | | eSg | 39:08.88 | 0.40 |

340.

2014-09-05 time: 6:41:32.39 UTC ML= 1.0
 lat: 47.237N lon: 18.538E h= 0.0 km
 erh= 5.8km erz= 705km
 nr= 6 gap=307 rms=1.16
 Locality: Pákozd
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 20.5 | 327 | ePgC | 6:41:35.87 | -0.18 |
| | | | eSg | 41:36.40 | -2.51 |
| CSKK | 25.2 | 304 | ePgD | 6:41:37.24 | 0.35 |
| | | | eSg | 41:39.62 | -0.79 |
| PKST | 38.2 | 274 | ePg | 6:41:41.14 | 1.93 |
| | | | eSg | 41:44.30 | -0.22 |

341.

2014-09-05 time: 6:54:00.17 UTC ML= 0.7
 lat: 47.397N lon: 18.439E h= 5.1 km
 erh= 9.9km erz= 3.0km
 nr= 6 gap=342 rms=0.19
 Locality: Csákvár
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 3.7 | 262 | ePgC | 6:54:01.46 | 0.17 |
| | | | eSg | 54:02.00 | -0.17 |
| CSKK | 14.0 | 255 | ePgC | 6:54:02.80 | -0.03 |
| | | | eSg | 54:04.79 | -0.11 |
| PKST | 34.2 | 243 | ePg | 6:54:06.13 | -0.21 |
| | | | eSg | 54:11.60 | 0.44 |

342.

2014-09-05 time: 11:48:55.43 UTC ML= 0.5
 lat: 47.190N lon: 18.312E h= 0.0 km
 erh= 1.8km erz= 217km
 nr= 6 gap=275 rms=0.13
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.6 | 349 | ePgD | 11:48:58.85 | -0.08 |
| | | | eSg | 49:01.30 | -0.36 |
| PKST | 22.3 | 290 | ePgD | 11:48:59.48 | 0.06 |
| | | | eSg | 49:02.60 | 0.07 |
| PKSG | 23.2 | 15 | ePg | 11:48:59.57 | 0.00 |
| | | | eSg | 49:03.00 | 0.20 |

343.

2014-09-08 time: 9:38:01.84 UTC ML= 1.2
 lat: 48.095N lon: 20.630E h= 0.5 km
 erh= 1.5km erz= 113km
 nr= 6 gap=264 rms=0.25
 Locality: Bükkszentlászló
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KECS | 44.5 | 346 | ePg | 9:38:10.00 | 0.21 |
| | | | eSg | 38:15.50 | -0.48 |
| PSZ | 58.3 | 250 | ePg | 9:38:12.22 | -0.02 |
| | | | eSg | 38:20.23 | -0.13 |
| IZAB | 86.0 | 308 | ePg | 9:38:17.50 | 0.30 |
| | | | eSg | 38:29.00 | -0.19 |

Földrengés paraméterek

Hypocenter Parameters

344.

2014-09-08 time: 9:57:08.38 UTC ML= 0.8
 lat: 48.054N lon: 20.305E h= 0.0 km
 erh= 4.7km erz= 826km
 nr= 6 gap=228 rms=0.48
 Locality: Mikófalva
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 34.2 | 244 | ePg | 9:57:14.28 | -0.20 |
| | | | eSg | 57:20.03 | 0.79 |
| KECS | 49.6 | 16 | ePg | 9:57:17.20 | -0.04 |
| | | | eSg | 57:24.80 | 0.66 |
| IZAB | 72.2 | 322 | ePg | 9:57:20.60 | -0.67 |
| | | | eSg | 57:31.30 | -0.03 |

345.

2014-09-08 time: 11:51:44.04 UTC ML= 1.8
 lat: 48.365N lon: 19.840E h= 0.0 km
 erh= 1.4km erz= 406km
 nr= 8 gap=106 rms=0.30
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| IZAB | 24.6 | 337 | ePg | 11:51:48.60 | 0.17 |
| | | | eSg | 51:52.30 | 0.45 |
| KECS | 49.6 | 75 | ePg | 11:51:52.70 | -0.19 |
| | | | eSg | 51:58.90 | -0.90 |
| PSZ | 49.8 | 175 | ePgc | 11:51:53.10 | 0.17 |
| | | | eSg | 51:59.98 | 0.11 |
| VYHS | 75.7 | 281 | ePg | 11:51:57.50 | -0.05 |
| | | | eSg | 52:07.10 | -0.99 |

346.

2014-09-09 time: 6:34:09.51 UTC ML= 0.8
 lat: 47.356N lon: 18.425E h= 0.0 km
 erh= 2.0km erz= 259km
 nr= 6 gap=283 rms=0.15
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.7 | 326 | ePgc | 6:34:10.34 | -0.01 |
| | | | eSg | 34:10.90 | -0.11 |
| CSKK | 12.5 | 273 | ePgc | 6:34:11.68 | -0.05 |
| | | | eSg | 34:13.73 | 0.26 |
| PKST | 31.5 | 250 | ePg | 6:34:15.29 | 0.16 |
| | | | eSg | 34:19.22 | -0.29 |

347.

2014-09-09 time: 6:34:38.99 UTC ML= 0.6
 lat: 47.363N lon: 18.450E h= 0.0 km
 erh= 1.3km erz= 135km
 nr= 5 gap=304 rms=0.06
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.5 | 306 | ePgc | 6:34:40.05 | 0.08 |
| | | | eSg | 34:40.66 | -0.08 |
| CSKK | 14.3 | 270 | ePgc | 6:34:41.47 | -0.07 |
| | | | eSg | 34:43.55 | 0.01 |
| PKST | 33.5 | 250 | ePg | 6:34:45.00 | 0.03 |

348.

2014-09-09 time: 6:41:50.93 UTC ML= 0.6
 lat: 47.399N lon: 18.455E h= 5.4 km
 erh= 0.1km erz= --km
 nr= 5 gap=344 rms=0.39
 Locality: Csákvár
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.9 | 260 | ePgd | 6:41:52.40 | 0.17 |
| | | | eSg | 41:53.08 | -0.16 |
| CSKK | 15.2 | 255 | ePgd | 6:41:53.69 | -0.12 |
| | | | eSg | 41:55.38 | -0.67 |
| PKST | 35.4 | 244 | eSg | 6:42:03.10 | 0.79 |

349.

2014-09-09 time: 15:40:34.12 UTC ML= 1.3
 lat: 48.426N lon: 19.531E h= 0.0 km
 erh= 2.1km erz= 771km
 nr= 10 gap=122 rms=0.61
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| IZAB | 20.8 | 40 | ePg | 15:40:37.90 | 0.07 |
| | | | eSg | 40:40.80 | 0.08 |
| VYHS | 52.0 | 278 | ePg | 15:40:43.40 | 0.00 |
| | | | eSg | 40:49.80 | -0.84 |
| PSZ | 62.6 | 154 | ePgc | 15:40:45.59 | 0.30 |
| | | | eSg | 40:54.02 | 0.01 |
| KECS | 70.9 | 85 | ePg | 15:40:46.40 | -0.37 |
| | | | eSg | 40:56.10 | -0.54 |
| PENC | 73.1 | 195 | ePgc | 15:40:48.40 | 1.23 |
| | | | eSg | 40:56.33 | -1.02 |

350.

2014-09-10 time: 11:37:39.64 UTC ML= 0.4
 lat: 47.216N lon: 18.288E h= 0.0 km
 erh= 2.3km erz= 308km
 nr= 6 gap=262 rms=0.19
 Locality: Iszkszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 16.5 | 353 | ePg | 11:37:42.36 | -0.23 |
| | | | eSg | 37:44.65 | -0.24 |
| PKST | 19.8 | 284 | ePg | 11:37:43.12 | -0.05 |
| | | | eSg | 37:46.04 | 0.12 |
| PKSG | 21.1 | 22 | ePg | 11:37:43.58 | 0.18 |
| | | | eSg | 37:46.61 | 0.27 |

351.

2014-09-11 time: 6:49:54.70 UTC ML= 1.1
 lat: 48.041N lon: 19.635E h= 0.0 km
 erh= 0.8km erz= 280km
 nr= 9 gap=98 rms=0.22
 Locality: Sóshartyán
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 23.7 | 125 | ePgc | 6:49:59.09 | 0.16 |
| | | | eSg | 50:02.09 | -0.14 |
| PENC | 38.4 | 223 | ePg | 6:50:01.41 | -0.15 |
| | | | eSg | 50:06.79 | -0.12 |
| IZAB | 58.9 | 6 | ePg | 6:50:05.40 | 0.18 |
| | | | eSg | 50:13.60 | 0.17 |
| VYHS | 77.8 | 310 | ePg | 6:50:08.90 | 0.31 |
| | | | eSg | 50:19.10 | -0.33 |
| KECS | 80.0 | 52 | ePg | 6:50:08.70 | -0.28 |

Hypocenter Parameters

Földrengés paraméterek

352.

2014-09-15 time: 7:28:05.45 UTC ML= 0.7
 lat: 47.411N lon: 18.362E h= 0.0 km
 erh= 2.1km erz= 204km
 nr= 6 gap=260 rms=0.12
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 3.1 | 135 | ePgC | 7:28:05.90 | -0.09 |
| | | | eSg | 28:06.51 | 0.09 |
| CSKK | 9.4 | 235 | ePgC | 7:28:07.23 | 0.11 |
| | | | eSg | 28:08.11 | -0.31 |
| PKST | 30.0 | 236 | ePg | 7:28:10.82 | 0.01 |
| | | | eSg | 28:15.04 | 0.05 |

353.

2014-09-15 time: 7:28:23.76 UTC ML= 0.7
 lat: 47.451N lon: 18.408E h= 0.0 km
 erh= 2.9km erz= 342km
 nr= 6 gap=318 rms=0.20
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.6 | 191 | ePgC | 7:28:25.09 | 0.14 |
| | | | eSg | 28:25.66 | -0.21 |
| CSKK | 14.8 | 229 | ePgC | 7:28:26.46 | 0.06 |
| | | | eSg | 28:28.38 | -0.07 |
| PKST | 35.4 | 233 | ePg | 7:28:29.77 | -0.30 |
| | | | eSg | 28:35.33 | 0.33 |

354.

2014-09-15 time: 10:14:57.17 UTC ML= 0.7
 lat: 47.209N lon: 18.300E h= 0.0 km
 erh= 7.6km erz= 895km
 nr= 5 gap=276 rms=0.41
 Locality: Moha
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 17.4 | 350 | ePg | 10:14:59.92 | -0.37 |
| | | | eSg | 15:03.39 | 0.67 |
| PKST | 20.9 | 286 | ePgD | 10:15:00.59 | -0.31 |
| | | | eSg | 15:03.69 | -0.12 |
| MPLH | 57.8 | 266 | ePg | 10:15:07.96 | 0.47 |

355.

2014-09-15 time: 13:37:13.50 UTC ML= 0.8
 lat: 47.218N lon: 18.291E h= 0.0 km
 erh= 5.2km erz= 717km
 nr= 7 gap=243 rms=0.47
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 16.3 | 352 | ePgD | 13:37:16.68 | 0.28 |
| | | | eSg | 37:18.45 | -0.21 |
| PKST | 19.9 | 283 | ePgD | 13:37:16.57 | -0.48 |
| | | | eSg | 37:19.27 | -0.56 |
| PKSG | 20.7 | 21 | ePg | 13:37:17.04 | -0.16 |
| | | | eSg | 37:20.52 | 0.44 |
| TIH | 46.5 | 220 | eSg | 13:37:33.45 | 5.16* |
| MPLH | 57.2 | 265 | eSg | 13:37:32.63 | 0.96 |

356.

2014-09-16 time: 9:21:07.25 UTC ML= 1.8
 lat: 48.633N lon: 20.728E h= 0.0 km
 erh= 1.5km erz= 2.2km
 nr= 10 gap=157 rms=0.36
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KECS | 24.5 | 227 | ePg | 9:21:11.40 | -0.21 |
| | | | eSg | 21:15.40 | 0.38 |
| CRVS | 61.6 | 61 | ePg | 9:21:18.30 | 0.04 |
| | | | eSg | 21:26.60 | -0.24 |
| PSZ | 100.7 | 218 | ePgD | 9:21:25.69 | 0.46 |
| | | | eSg | 21:38.56 | -0.70 |
| LANS | 108.9 | 302 | ePg | 9:21:27.10 | 0.41 |
| | | | eSg | 21:41.70 | -0.16 |
| KOLS | 118.3 | 74 | eSg | 9:21:42.30 | -2.56* |
| VYHS | 140.5 | 264 | ePn | 9:21:31.60 | -0.20 |
| | | | eSn | 21:50.60 | -0.35 |

357.

2014-09-16 time: 14:47:28.49 UTC ML= 0.3
 lat: 47.409N lon: 18.189E h= 5.4 km
 erh= 5.6km erz= 6.5km
 nr= 6 gap=242 rms=0.10
 Locality: Pusztavám
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 7.4 | 133 | ePgC | 14:47:30.23 | 0.10 |
| | | | eSg | 47:31.28 | -0.13 |
| PKSG | 15.4 | 97 | ePgD | 14:47:31.47 | 0.07 |
| | | | eSg | 47:33.55 | -0.12 |
| PKST | 20.3 | 215 | ePg | 14:47:32.14 | -0.11 |
| | | | eSg | 47:35.26 | 0.08 |

358.

2014-09-17 time: 8:05:58.75 UTC ML= 1.4
 lat: 45.804N lon: 18.409E h= 0.0 km
 erh= 9.5km erz= ***km
 nr= 6 gap=286 rms=0.74
 Locality: Kásád
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 15.4 | 308 | ePg | 8:06:01.29 | -0.20 |
| | | | eSg | 06:03.25 | -0.38 |
| PKSM | 48.8 | 22 | ePg | 8:06:06.97 | -0.49 |
| | | | eSg | 06:12.98 | -1.27 |
| PKS9 | 87.6 | 353 | ePgD | 8:06:15.19 | 0.80 |
| | | | eSg | 06:27.66 | 1.06 |

359.

2014-09-17 time: 9:55:12.57 UTC ML= 0.5
 lat: 47.199N lon: 18.311E h= 0.0 km
 erh= 1.9km erz= 223km
 nr= 5 gap=272 rms=0.10
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 18.7 | 348 | ePgD | 9:55:15.77 | -0.14 |
| | | | eSg | 55:18.66 | 0.15 |
| PKST | 22.0 | 288 | ePgD | 9:55:16.57 | 0.07 |
| | | | eSg | 55:19.49 | -0.07 |
| PKSG | 22.3 | 16 | ePg | 9:55:16.59 | 0.04 |

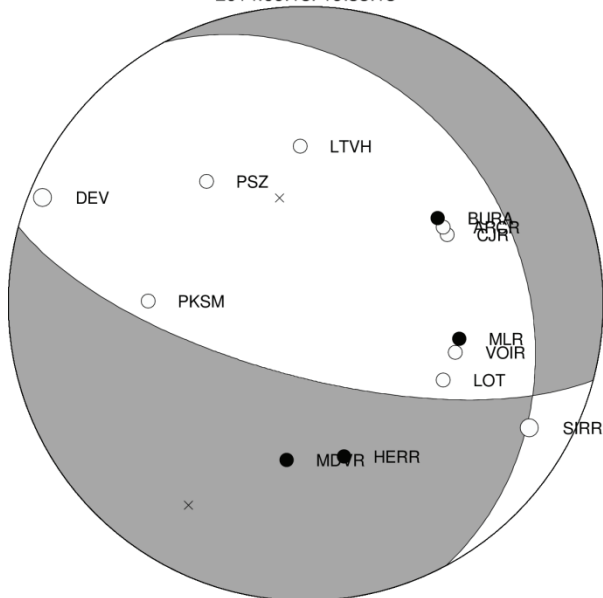
Földrengés paraméterek

360.

2014-09-18 time: 19:38:13.40 UTC ML= 2.1
 lat: 46.153N lon: 21.958E h= 7.0 km
 erh= 2.2km erz= 2.3km
 nr= 23 gap= 59 rms=0.95
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| SIRR | 26.3 | 299 | PgD | 19:38:18.83 | 0.56 |
| | | | Sg | 38:22.10 | 0.03 |
| BZS | 65.2 | 204 | Sg | 19:38:32.90 | -1.34 |
| DEV | 79.1 | 112 | PgD | 19:38:27.54 | -0.04 |
| | | | Sg | 38:37.00 | -1.64 |
| BANR | 106.8 | 217 | Sg | 19:38:47.20 | -0.24 |
| LTVH | 137.1 | 358 | ePnD | 19:38:36.35 | -0.28 |
| | | | eSn | 38:52.99 | -1.76 |
| CJR | 140.6 | 64 | PnD | 19:38:36.96 | -0.12 |
| | | | Sn | 38:54.70 | -0.84 |
| HERR | 145.8 | 166 | PnC | 19:38:39.16 | 1.44 |
| | | | Sn | 38:57.40 | 0.72 |
| MDVR | 153.6 | 187 | PnC | 19:38:39.65 | 0.96 |
| | | | Sn | 38:58.10 | -0.31 |
| LOT | 161.1 | 119 | PnD | 19:38:41.38 | 1.75 |
| ARCR | 210.8 | 61 | PnD | 19:38:46.74 | 0.92 |
| | | | Sn | 39:11.70 | 0.59 |
| PSZ | 251.3 | 321 | ePnD | 19:38:50.27 | -0.60 |
| | | | eSn | 39:15.89 | -4.21* |
| VOIR | 253.2 | 108 | PnD | 19:38:51.12 | 0.01 |
| | | | Sn | 39:19.70 | -0.82 |
| PKSM | 256.2 | 271 | ePnD | 19:38:49.07 | -2.41 |
| | | | eSn | 39:17.60 | -3.58* |
| DOPR | 266.3 | 94 | Sn | 19:39:27.70 | 4.28* |
| BURA | 296.9 | 57 | PnC | 19:38:56.36 | -0.20 |
| MLR | 318.5 | 103 | PnC | 19:38:57.26 | -1.99* |

2014.09.18. 19:38:13



361.

2014-09-19 time: 8:16:14.95 UTC ML= 1.0
 lat: 47.090N lon: 18.001E h= 0.0 km
 erh= 5.6km erz= 736km
 nr= 6 gap=251 rms=0.44
 Locality: Litér
 Comments: probably explosion

sta dist azm phase hr mn sec res

92

Hypocenter Parameters

| | | | | | |
|------|------|-----|-----|------------|-------|
| PKST | 19.0 | 8 | ePg | 8:16:17.55 | -0.79 |
| | | | eSg | 16:20.73 | -0.25 |
| MPLH | 36.2 | 284 | ePg | 8:16:21.39 | -0.02 |
| | | | eSg | 16:26.76 | 0.32 |
| CSKK | 36.2 | 33 | ePg | 8:16:21.87 | 0.46 |
| | | | eSg | 16:26.78 | 0.33 |

362.

2014-09-19 time: 10:12:46.27 UTC ML= 1.1
 lat: 47.076N lon: 18.047E h= 0.0 km
 erh= 2.1km erz= 708km
 nr= 11 gap=118 rms=0.57
 Locality: Papkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKST | 20.3 | 357 | ePgD | 10:12:48.82 | -1.08 |
| | | | eSg | 12:52.88 | 0.15 |
| TIH | 22.8 | 211 | ePgD | 10:12:50.37 | 0.02 |
| | | | eSg | 12:54.30 | 0.77 |
| CSKK | 35.8 | 27 | ePg | 10:12:53.20 | 0.54 |
| | | | eSg | 12:58.13 | 0.49 |
| MPLH | 39.9 | 285 | eSg | 10:12:58.64 | -0.31 |
| PKSG | 43.7 | 37 | ePg | 10:12:53.92 | -0.15 |
| | | | eSg | 13:01.23 | 1.07 |
| PKSM | 106.3 | 155 | ePg | 10:13:05.34 | 0.08 |
| | | | eSg | 13:19.13 | -0.94 |

363.

2014-09-19 time: 10:48:47.94 UTC ML= 0.6
 lat: 47.182N lon: 18.294E h= 0.0 km
 erh= 2.1km erz= 608km
 nr= 8 gap=149 rms=0.43
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 20.3 | 353 | ePg | 10:48:51.15 | -0.41 |
| | | | eSg | 48:54.80 | 0.42 |
| PKST | 21.4 | 293 | ePg | 10:48:51.61 | -0.16 |
| | | | eSg | 48:54.87 | 0.11 |
| PKSG | 24.4 | 17 | ePg | 10:48:52.02 | -0.28 |
| | | | eSg | 48:55.88 | 0.18 |
| PKSM | 111.1 | 166 | ePg | 10:49:08.67 | 0.88 |
| | | | eSg | 49:22.75 | -0.51 |

364.

2014-09-19 time: 13:45:53.25 UTC ML= 1.2
 lat: 48.498N lon: 19.435E h= 5.5 km
 erh= 0.6km erz= 7.4km
 nr= 6 gap=182 rms=0.38
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| VYHS | 44.3 | 270 | ePg | 13:46:01.30 | 0.08 |
| | | | eSg | 46:06.80 | -0.63 |
| PSZ | 72.9 | 152 | ePgC | 13:46:06.75 | 0.45 |
| | | | eSg | 46:16.09 | -0.40 |
| KECS | 77.7 | 91 | ePg | 13:46:07.40 | 0.24 |
| | | | eSg | 46:17.60 | -0.41 |

365.

2014-09-19 time: 22:58:58.97 UTC ML= 1.8
 lat: 48.373N lon: 19.442E h= 1.2 km
 erh= 1.9km erz= 4.1km
 nr= 15 gap= 75 rms=0.63
 Locality: Slovakia
 Comments:

Hypocenter Parameters

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| VYHS | 46.8 | 287 | ePg | 22:59:07.90 | 0.56 |
| | | | eSg | 59:13.40 | -0.47 |
| PSZ | 60.7 | 146 | ePgD | 22:59:10.33 | 0.52 |
| | | | eSg | 59:17.72 | -0.55 |
| PENC | 65.8 | 190 | ePg | 22:59:10.95 | 0.22 |
| | | | eSg | 59:19.32 | -0.58 |
| KECS | 78.2 | 81 | ePg | 22:59:12.70 | -0.24 |
| | | | eSg | 59:21.70 | -2.13 |
| LANS | 86.5 | 1 | ePg | 22:59:14.90 | 0.48 |
| | | | eSg | 59:25.20 | -1.28 |
| SRO2 | 103.5 | 229 | ePg | 22:59:17.70 | 0.25 |
| | | | eSg | 59:28.40 | -3.46* |
| SRO | 104.6 | 234 | ePg | 22:59:17.60 | -0.05 |
| | | | eSg | 59:30.50 | -1.72 |
| CRVS | 160.0 | 68 | eSn | 22:59:46.80 | 0.05 |

366.

2014-09-20 time: 7:03:43.89 UTC ML= 1.1
 lat: 48.059N lon: 19.652E h= 0.0 km
 erh= 1.6km erz= 476km
 nr= 7 gap=104 rms=0.32
 Locality: Sóshartyán
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 24.0 | 131 | ePgD | 7:03:48.14 | -0.03 |
| | | | eSg | 03:52.00 | 0.49 |
| PENC | 40.7 | 223 | ePg | 7:03:50.45 | -0.71 |
| | | | eSg | 03:56.96 | 0.13 |
| VYHS | 77.5 | 309 | ePg | 7:03:57.90 | 0.17 |
| | | | eSg | 04:08.70 | 0.18 |
| KECS | 77.8 | 53 | ePg | 7:03:57.70 | -0.09 |

367.

2014-09-24 time: 11:09:13.96 UTC ML= 0.4
 lat: 47.191N lon: 18.295E h= 0.0 km
 erh= 1.4km erz= 163km
 nr= 6 gap=273 rms=0.10
 Locality: Sárkeszi
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.3 | 352 | ePgC | 11:09:17.46 | 0.06 |
| | | | eSg | 09:19.79 | -0.30 |
| PKST | 21.1 | 291 | ePgC | 11:09:17.78 | 0.05 |
| | | | eSg | 09:20.66 | -0.01 |
| PKSG | 23.4 | 18 | ePg | 11:09:18.05 | -0.09 |
| | | | eSg | 09:21.50 | 0.09 |

368.

2014-09-24 time: 16:38:16.31 UTC ML= 1.7
 lat: 48.032N lon: 19.438E h= 8.5 km
 erh= 0.9km erz= 1.0km
 nr= 10 gap= 92 rms=0.23
 Locality: Iliny
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| PENC | 29.3 | 204 | ePg | 16:38:21.39 | -0.37 |
| | | | eSg | 38:26.00 | -0.01 |
| PSZ | 36.4 | 110 | ePgC | 16:38:23.19 | 0.21 |
| | | | eSg | 38:28.01 | -0.17 |
| IZAB | 63.1 | 19 | ePg | 16:38:27.60 | -0.07 |
| VYHS | 68.1 | 319 | ePg | 16:38:28.60 | 0.04 |
| | | | eSg | 38:36.70 | -1.41* |
| PKSG | 106.1 | 228 | eSg | 16:38:50.49 | 0.36 |
| PKST | 136.1 | 231 | eSn | 16:38:57.20 | 0.10 |
| PKS6 | 159.5 | 177 | eSn | 16:39:02.10 | -0.21 |

Földrengés paraméterek

369.

2014-09-25 time: 7:17:43.20 UTC ML= 1.2
 lat: 48.037N lon: 19.607E h= 0.0 km
 erh= 2.1km erz= 556km
 nr= 7 gap=114 rms=0.40
 Locality: Nagylóc
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 25.2 | 122 | ePgD | 7:17:47.62 | -0.08 |
| | | | eSg | 17:51.17 | -0.05 |
| PENC | 36.7 | 222 | ePgD | 7:17:49.88 | 0.14 |
| | | | eSg | 17:53.49 | -1.36 |
| IZAB | 59.6 | 8 | ePg | 7:17:54.10 | 0.26 |
| VYHS | 76.5 | 312 | ePg | 7:17:57.30 | 0.45 |
| | | | eSg | 18:07.00 | -0.51 |

370.

2014-09-25 time: 10:36:17.65 UTC ML= 0.6
 lat: 47.205N lon: 18.305E h= 0.0 km
 erh= 5.1km erz= 717km
 nr= 7 gap=249 rms=0.51
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 17.9 | 349 | ePg | 10:36:20.64 | -0.21 |
| | | | eSg | 36:23.01 | -0.34 |
| PKST | 21.4 | 286 | ePg | 10:36:20.90 | -0.56 |
| | | | eSg | 36:23.95 | -0.49 |
| PKSG | 21.8 | 17 | eSg | 10:36:25.11 | 0.53 |
| MPLH | 58.1 | 266 | ePg | 10:36:28.49 | 0.46 |
| | | | eSg | 36:36.98 | 0.85 |

371.

2014-09-26 time: 7:28:10.69 UTC ML= 1.4
 lat: 47.457N lon: 18.440E h= 0.0 km
 erh= 4.0km erz= 381km
 nr= 6 gap=333 rms=0.22
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 8.1 | 207 | ePgC | 7:28:12.41 | 0.28 |
| | | | eSg | 28:12.88 | -0.38 |
| CSKK | 17.0 | 232 | ePgC | 7:28:13.68 | -0.05 |
| | | | eSg | 28:16.16 | 0.06 |
| PKST | 37.7 | 234 | ePgC | 7:28:17.21 | -0.20 |
| | | | eSg | 28:22.91 | 0.25 |

372.

2014-09-26 time: 7:28:52.14 UTC ML= 1.2
 lat: 47.334N lon: 18.530E h= 0.0 km
 erh= 8.1km erz= 793km
 nr= 6 gap=316 rms=0.48
 Locality: Lovasberény
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 12.3 | 301 | ePgC | 7:28:54.77 | 0.43 |
| | | | eSg | 28:55.51 | -0.55 |
| CSKK | 20.6 | 279 | ePgC | 7:28:55.97 | 0.15 |
| | | | eSg | 28:57.87 | -0.83 |
| PKST | 38.4 | 257 | ePgC | 7:28:58.55 | -0.45 |
| | | | eSg | 29:05.36 | 1.00 |

Földrengés paraméterek

Hypocenter Parameters

373.

2014-09-26 time: 9:38:53.27 UTC ML= 0.9
 lat: 47.560N lon: 18.535E h= 0.0 km
 erh= 9.5km erz= 880km
 nr= 8 gap=198 rms=0.64
 Locality: Nagyegyháza
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSG | 21.6 | 210 | ePgD | 9:38:57.12 | 0.00 |
| | | | eSg | 39:00.31 | 0.18 |
| CSKK | 30.1 | 223 | ePg | 9:38:58.30 | -0.34 |
| | | | eSg | 39:03.83 | 0.99 |
| PKST | 50.5 | 229 | ePg | 9:39:01.80 | -0.48 |
| | | | eSg | 39:08.76 | -0.55 |
| VYHS | 106.3 | 12 | ePg | 9:39:13.40 | 1.15 |
| | | | eSg | 39:26.20 | -0.85 |

374.

2014-09-26 time: 11:24:03.34 UTC ML= 0.2
 lat: 47.254N lon: 18.263E h= 0.0 km
 erh= 7.3km erz= 999km
 nr= 6 gap=240 rms=0.62
 Locality: Kincsesbánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 12.1 | 359 | ePgc | 11:24:04.80 | -0.70 |
| | | | eSg | 24:06.51 | -0.68 |
| PKST | 17.3 | 272 | ePg | 11:24:06.48 | 0.05 |
| | | | eSg | 24:09.36 | 0.53 |
| PKSG | 18.1 | 32 | ePgc | 11:24:06.76 | 0.19 |
| | | | eSg | 24:10.45 | 1.36 |

375.

2014-09-28 time: 0:35:40.15 UTC ML= 2.2
 lat: 45.689N lon: 17.398E h= 17.8 km
 erh= 4.1km erz= 5.4km
 nr= 24 gap= 87 rms=0.85
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| PKSV | 70.0 | 72 | eP* | 0:35:52.49 | -0.39 |
| | | | eS* | 36:03.67 | 0.87 |
| BEHE | 99.3 | 331 | ePnD | 0:35:58.85 | 1.56 |
| | | | eSn | 36:10.57 | -0.08 |
| BLY | 105.9 | 189 | ePnD | 0:35:59.50 | 1.39 |
| | | | ePn | 0:35:58.59 | -0.35 |
| PKSM | 112.5 | 59 | eSn | 36:12.01 | -1.58 |
| | | | ePn | 0:36:00.42 | 0.45 |
| PKS9 | 120.8 | 34 | ePn | 0:36:00.42 | 0.45 |
| | | | eSn | 36:16.45 | 1.02 |
| KOGS | 122.5 | 314 | eSn | 0:36:12.40 | -3.41 |
| | | | ePnC | 0:36:02.66 | 0.31 |
| TIH | 139.9 | 16 | ePnC | 0:36:02.66 | 0.31 |
| | | | eSn | 36:19.08 | -0.59 |
| CRES | 151.8 | 276 | PnD | 0:36:02.70 | -1.14 |
| | | | ePnD | 0:36:06.75 | 1.27 |
| MPLH | 165.0 | 4 | ePnD | 0:36:06.75 | 1.27 |
| | | | eSn | 36:24.33 | -1.20 |
| PKS2 | 166.3 | 58 | ePnC | 0:36:05.15 | -0.50 |
| | | | eSn | 36:24.33 | -1.20 |
| PKST | 181.2 | 16 | ePnC | 0:36:06.35 | -1.15 |
| | | | eSn | 36:30.68 | 1.84 |
| CSKK | 197.5 | 20 | ePn | 0:36:09.53 | 0.00 |
| | | | ePn | 0:36:10.50 | 0.83 |
| FRGS | 198.6 | 108 | ePn | 0:36:10.50 | 0.83 |
| | | | eSn | 36:33.10 | 0.41 |
| ARSA | 225.5 | 320 | Pn | 0:36:12.29 | -0.74 |
| | | | Pn | 0:36:14.15 | -0.49 |
| OBKA | 238.5 | 292 | Pn | 0:36:14.15 | -0.49 |
| | | | Pn | 0:36:18.80 | -0.42 |
| CONA | 275.2 | 335 | Pn | 0:36:18.80 | -0.42 |
| | | | ePn | 0:36:26.30 | 0.20* |
| VYHS | 330.4 | 19 | ePn | 0:36:26.30 | 0.20* |
| | | | Pn | 0:36:26.77 | -0.41* |
| MOA | 339.0 | 315 | Pn | 0:36:26.77 | -0.41* |
| | | | Sn | 36:59.75 | -4.11* |

376.

2014-09-28 time: 1:41:53.33 UTC ML= 1.9
 lat: 45.823N lon: 17.487E h= 7.6 km
 erh= 5.4km erz= 3.7km
 nr= 12 gap=240 rms=0.79
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKSV | 59.8 | 83 | ePg | 1:42:03.96 | -0.14 |
| | | | eSg | 42:15.07 | 2.57 |
| BEHE | 90.6 | 323 | ePg | 1:42:10.52 | 0.96 |
| | | | eSg | 42:22.37 | 0.16 |
| PKSM | 99.3 | 64 | ePg | 1:42:10.09 | -1.02 |
| | | | eSg | 42:24.11 | -0.87 |
| PKS9 | 104.6 | 36 | ePg | 1:42:12.45 | 0.39 |
| | | | eSg | 42:27.47 | 0.80 |
| TIH | 123.7 | 15 | ePn | 1:42:14.59 | -0.24 |
| | | | eSn | 42:30.93 | -0.66 |
| MPLH | 149.8 | 2 | ePn | 1:42:18.42 | 0.34 |
| | | | eSn | 42:37.69 | 0.31 |

377.

2014-09-30 time: 7:36:12.53 UTC ML= 0.8
 lat: 47.445N lon: 18.424E h= 0.0 km
 erh= 6.0km erz= 563km
 nr= 5 gap=328 rms=0.27
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.4 | 203 | ePgc | 7:36:13.66 | -0.01 |
| | | | eSg | 36:14.80 | 0.24 |
| CSKK | 15.3 | 234 | ePgD | 7:36:15.01 | -0.25 |
| | | | eSg | 36:17.09 | -0.30 |
| PKST | 35.9 | 235 | ePg | 7:36:19.38 | 0.43 |

378.

2014-09-30 time: 7:38:34.97 UTC ML= 0.9
 lat: 47.364N lon: 18.439E h= 0.0 km
 erh= 1.1km erz= 142km
 nr= 6 gap=299 rms=0.08
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.8 | 311 | ePgc | 7:38:35.90 | 0.07 |
| | | | eSg | 38:36.49 | -0.01 |
| CSKK | 13.5 | 270 | ePgc | 7:38:37.26 | -0.12 |
| | | | eSg | 38:39.19 | -0.07 |
| PKST | 32.7 | 249 | ePg | 7:38:40.85 | 0.03 |
| | | | eSg | 38:45.49 | 0.11 |

379.

2014-09-30 time: 11:31:54.76 UTC ML= 0.7
 lat: 47.214N lon: 18.296E h= 0.0 km
 erh= 6.5km erz= 714km
 nr= 5 gap=274 rms=0.33
 Locality: Moha
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 16.8 | 351 | ePgD | 11:31:57.76 | 0.00 |
| | | | eSg | 32:00.44 | 0.34 |
| PKST | 20.5 | 284 | ePg | 11:31:58.02 | -0.39 |
| | | | eSg | 32:00.98 | -0.28 |
| MPLH | 57.6 | 265 | eSg | 11:32:13.63 | 0.58 |

Hypocenter Parameters

Földrengés paraméterek

380.

2014-10-01 time: 20:35:09.57 UTC ML= 0.8
 lat: 47.224N lon: 17.346E h= 3.5 km
 erh= 4.2km erz=10.8km
 nr= 6 gap=245 rms=0.24
 Locality: Nagyalásony
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| MPLH | 15.9 | 112 | ePg | 20:35:12.24 | | | -0.23 |
| | | | eSg | | 35:14.95 | | 0.22 |
| EGYH | 21.5 | 357 | ePgD | 20:35:13.43 | | | -0.03 |
| | | | eSg | | 35:16.58 | | 0.08 |
| PKST | 52.3 | 86 | ePg | 20:35:19.23 | | | 0.30 |
| | | | eSg | | 35:25.51 | | -0.72 |

381.

2014-10-02 time: 6:53:57.13 UTC ML= 0.7
 lat: 47.382N lon: 18.424E h= 0.0 km
 erh= 8.6km erz= 764km
 nr= 5 gap=311 rms=0.34
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 2.8 | 294 | ePgC | 6:53:57.59 | | | -0.04 |
| | | | eSg | | 53:58.33 | | 0.31 |
| CSKK | 12.5 | 261 | ePgD | 6:53:58.98 | | | -0.39 |
| | | | eSg | | 54:01.05 | | -0.07 |
| PKST | 32.5 | 245 | ePg | 6:54:03.47 | | | 0.54 |

382.

2014-10-02 time: 6:54:17.51 UTC ML= 0.8
 lat: 47.475N lon: 18.414E h= 0.0 km
 erh= 2.7km erz= 228km
 nr= 6 gap=321 rms=0.14
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKSG | 9.4 | 191 | ePgC | 6:54:19.20 | | | 0.01 |
| | | | eSg | | 54:19.77 | | -0.72 |
| CSKK | 17.0 | 223 | ePgD | 6:54:20.62 | | | 0.08 |
| | | | eSg | | 54:22.64 | | -0.27 |
| PKST | 37.4 | 230 | ePg | 6:54:24.11 | | | -0.08 |
| | | | eSg | | 54:29.65 | | 0.26 |

383.

2014-10-02 time: 11:42:53.85 UTC ML= 0.8
 lat: 48.060N lon: 20.270E h= 0.0 km
 erh= 6.7km erz= 674km
 nr= 5 gap=222 rms=0.40
 Locality: Egercsehi
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| PSZ | 32.1 | 241 | ePgD | 11:42:59.35 | | | -0.24 |
| | | | eSg | | 43:04.73 | | 0.66 |
| KECS | 49.7 | 19 | ePg | 11:43:02.40 | | | -0.34 |
| | | | eSg | | 43:10.70 | | 1.04 |
| IZAB | 70.1 | 324 | ePg | 11:43:06.60 | | | 0.23 |

384.

2014-10-02 time: 11:45:27.18 UTC ML= 0.5
 lat: 47.471N lon: 18.067E h= 0.0 km
 erh= 2.0km erz= 265km
 nr= 6 gap=284 rms=0.15
 Locality: Vérteskethely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| CSKK | 18.9 | 129 | ePg | 11:45:30.76 | | | 0.21 |
| | | | eSg | | 45:33.36 | | 0.19 |
| PKST | 23.7 | 186 | ePg | 11:45:31.41 | | | 0.01 |
| | | | eSg | | 45:34.57 | | -0.13 |
| PKSG | 25.9 | 110 | ePg | 11:45:31.70 | | | -0.11 |
| | | | eSg | | 45:35.22 | | -0.20 |

385.

2014-10-03 time: 5:32:42.46 UTC ML= 1.1
 lat: 47.946N lon: 20.006E h= 0.0 km
 erh= 4.9km erz= 6.0km
 nr= 7 gap=212 rms=0.88
 Locality: Bodony
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| PSZ | 8.9 | 249 | ePgD | 5:32:44.20 | | | 0.15 |
| | | | eSg | | 32:46.89 | | 1.61 |
| PENC | 56.9 | 252 | eSg | 5:33:01.32 | | | 0.78 |
| KECS | 69.5 | 31 | eSg | 5:33:04.40 | | | -0.16 |
| IZAB | 72.5 | 343 | eSg | 5:33:06.20 | | | 0.68 |
| VYHS | 106.1 | 305 | eSg | 5:33:14.70 | | | -1.49 |
| PKSG | 136.1 | 243 | eSn | 5:33:23.90 | | | -1.28 |

386.

2014-10-03 time: 5:48:42.62 UTC ML= 0.5
 lat: 47.458N lon: 18.215E h= 0.0 km
 erh= 1.5km erz= 215km
 nr= 6 gap=267 rms=0.12
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| CSKK | 11.0 | 162 | ePgD | 5:48:44.85 | | | 0.26 |
| | | | eSg | | 48:46.08 | | -0.05 |
| PKSG | 15.1 | 119 | ePgD | 5:48:45.26 | | | -0.06 |
| | | | eSg | | 48:47.36 | | -0.07 |
| PKST | 26.0 | 212 | ePgD | 5:48:47.20 | | | -0.06 |
| | | | eSg | | 48:50.82 | | -0.05 |

387.

2014-10-03 time: 12:07:20.75 UTC ML= 0.7
 lat: 47.209N lon: 18.277E h= 0.0 km
 erh= 1.4km erz= 354km
 nr= 8 gap=143 rms=0.26
 Locality: Iszkaszentgyörgy
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|--------|
| CSKK | 17.2 | 356 | ePgC | 12:07:23.48 | | | -0.34 |
| | | | eSg | | 07:26.82 | | 0.61 |
| PKST | 19.2 | 287 | ePgD | 12:07:24.17 | | | -0.01 |
| | | | eSg | | 07:27.14 | | 0.29 |
| PKSG | 22.1 | 23 | ePg | 12:07:24.70 | | | 0.01 |
| | | | eSg | | 07:27.76 | | -0.01 |
| PKSM | 114.3 | 166 | ePg | 12:07:41.38 | | | 0.21 |
| | | | eSg | | 07:55.49 | | -1.60* |

388.

2014-10-03 time: 13:55:37.87 UTC ML= 1.6
 lat: 48.360N lon: 19.461E h= 0.8 km
 erh= 2.2km erz= 197km
 nr= 9 gap=111 rms=0.50
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|------|
| IZAB | 29.7 | 39 | ePg | 13:55:43.40 | | | 0.21 |

Földrengés paraméterek

Hypocenter Parameters

VYHS 48.6 288 ePg 13:55:46.50 -0.05
 eSg 55:51.80 -1.51
 PSZ 58.8 147 ePgD 13:55:48.99 0.62
 eSg 55:56.37 -0.20
 PENC 64.8 192 ePg 13:55:49.54 0.10
 eSg 55:57.95 -0.51
 KECS 77.1 80 ePg 13:55:51.30 -0.34
 eSg 56:00.50 -1.87

PKSG 4.4 172 ePg 6:11:11.93 -0.14
 eSg 11:12.68 0.01
 CSKK 11.9 231 ePg 6:11:13.40 -0.01
 eSg 11:15.50 0.44
 PKST 32.5 234 ePg 6:11:17.28 0.19
 eSg 11:20.96 -0.66

389.

2014-10-06 time: 6:35:15.18 UTC ML= 1.0
 lat: 47.382N lon: 18.565E h= 0.0 km
 erh= 5.5km erz= 847km
 nr= 9 gap=263 rms=0.66
 Locality: Vértesacsá
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-----|-------|
| PKSG | 13.2 | 275 | ePgC | 6:35:17.91 | | | 0.37 |
| | | | eSg | 35:18.49 | | | -0.89 |
| CSKK | 23.1 | 265 | ePgD | 6:35:19.24 | | | -0.07 |
| | | | eSg | 35:21.58 | | | -0.94 |
| PKST | 42.4 | 251 | eSg | 6:35:29.69 | | | 1.03 |
| MORH | 129.8 | 177 | ePg | 6:35:38.65 | | | 0.28 |
| | | | eSg | 35:55.34 | | | -1.11 |
| PKSM | 130.3 | 177 | ePg | 6:35:38.99 | | | 0.54 |
| | | | eSg | 35:55.26 | | | -1.33 |

390.

2014-10-08 time: 6:02:50.61 UTC ML= 0.5
 lat: 47.472N lon: 18.217E h= 0.0 km
 erh= 3.1km erz= 435km
 nr= 6 gap=274 rms=0.26
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| CSKK | 12.6 | 165 | ePg | 6:02:53.28 | | | 0.42 |
| | | | eSg | 02:54.52 | | | -0.09 |
| PKSG | 15.9 | 124 | ePgD | 6:02:53.47 | | | 0.02 |
| | | | eSg | 02:55.25 | | | -0.40 |
| PKST | 27.4 | 210 | ePg | 6:02:55.27 | | | -0.24 |
| | | | eSg | 02:59.53 | | | 0.20 |

391.

2014-10-08 time: 11:40:32.12 UTC ML= 0.7
 lat: 47.450N lon: 18.140E h= 0.0 km
 erh= 8.3km erz= ***km
 nr= 7 gap=233 rms=0.83
 Locality: Felsődobos
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| CSKK | 13.3 | 137 | ePgC | 11:40:35.04 | | | 0.55 |
| | | | eSg | 40:36.83 | | | 0.50 |
| PKSG | 20.0 | 109 | ePgC | 11:40:35.42 | | | -0.27 |
| | | | eSg | 40:38.77 | | | 0.30 |
| PKST | 22.7 | 201 | ePg | 11:40:34.98 | | | -1.20 |
| | | | eSg | 40:38.29 | | | -1.05 |
| MPLH | 55.1 | 236 | eSg | 11:40:51.25 | | | 1.62 |

392.

2014-10-09 time: 6:11:11.29 UTC ML= 0.7
 lat: 47.431N lon: 18.382E h= 0.0 km
 erh= 3.8km erz= 487km
 nr= 6 gap=298 rms=0.28
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|-----|------|-----|-------|----|----|-----|-----|
| | | | | | | | |

393.

2014-10-09 time: 10:04:55.30 UTC ML= 1.7
 lat: 48.366N lon: 19.854E h= 0.0 km
 erh= 1.9km erz= 637km
 nr= 8 gap=104 rms=0.46
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| IZAB | 24.8 | 335 | ePg | 10:05:00.30 | | | 0.56 |
| | | | eSg | 05:03.80 | | | 0.61 |
| KECS | 48.5 | 74 | ePg | 10:05:03.80 | | | -0.16 |
| | | | eSg | 05:10.30 | | | -0.42 |
| PSZ | 49.9 | 177 | ePgD | 10:05:04.28 | | | 0.06 |
| | | | eSg | 05:11.17 | | | 0.00 |
| VYHS | 76.7 | 281 | ePg | 10:05:08.90 | | | -0.09 |
| | | | eSg | 05:18.20 | | | -1.47 |

394.

2014-10-09 time: 12:11:01.88 UTC ML= 1.5
 lat: 48.475N lon: 19.423E h= 0.0 km
 erh= 1.7km erz= 572km
 nr= 9 gap=151 rms=0.44
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-----|-------|
| IZAB | 23.8 | 64 | ePg | 12:11:06.50 | | | 0.37 |
| | | | eSg | 11:09.90 | | | 0.46 |
| VYHS | 43.4 | 273 | ePg | 12:11:09.60 | | | -0.04 |
| | | | eSg | 11:15.00 | | | -0.69 |
| PSZ | 71.2 | 151 | ePgD | 12:11:15.05 | | | 0.46 |
| | | | eSg | 11:24.43 | | | -0.07 |
| PENC | 76.9 | 188 | eSg | 12:11:26.38 | | | 0.06 |
| KECS | 78.6 | 89 | ePg | 12:11:15.60 | | | -0.31 |
| | | | eSg | 11:25.90 | | | -0.95 |

395.

2014-10-10 time: 6:16:37.65 UTC ML= 0.8
 lat: 47.380N lon: 18.450E h= 0.0 km
 erh= 3.3km erz= 335km
 nr= 5 gap=320 rms=0.15
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-----|-------|
| PKSG | 4.7 | 287 | ePgC | 6:16:38.65 | | | 0.16 |
| | | | eSg | 16:39.11 | | | -0.03 |
| CSKK | 14.4 | 263 | ePgD | 6:16:40.03 | | | -0.20 |
| | | | eSg | 16:42.20 | | | -0.05 |
| PKST | 34.2 | 247 | eSg | 6:16:48.68 | | | 0.16 |

396.

2014-10-11 time: 10:47:04.54 UTC ML= 0.9
 lat: 47.001N lon: 17.993E h= 0.0 km
 erh= 2.6km erz= 658km
 nr= 9 gap=179 rms=0.49
 Locality: Alsóörs
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|-----|------|-----|-------|-------------|----|-----|-------|
| TIH | 13.6 | 214 | ePgC | 10:47:06.88 | | | -0.08 |
| | | | eSg | 47:09.52 | | | 0.67 |

Hypocenter Parameters

PKST 28.8 6 ePgC 10:47:09.55 -0.13
 eSg 47:13.89 0.19
 MPLH 39.2 299 ePgC 10:47:10.81 -0.73
 eSg 47:17.70 0.70
 CSKK 45.1 27 ePg 10:47:12.04 -0.54
 PKSG 52.9 35 ePgC 10:47:14.13 0.15
 eSg 47:22.29 0.95

397.

2014-10-12 time: 21:17:34.99 UTC ML= 1.3
 lat: 46.382N lon: 16.729E h= 10.0 km
 erh= 3.2km erz= 2.4km
 nr= 25 gap=121 rms=0.83
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 37.5 | 281 | iPgD | 21:17:42.49 | 0.57 |
| | | | eSg | 17:47.90 | 0.57 |
| GROS | 94.7 | 275 | iPg | 21:17:51.93 | -0.07 |
| | | | eSg | 18:04.51 | -0.76 |
| GOLS | 94.7 | 244 | ePg | 21:17:51.90 | -0.10 |
| DOBS | 100.5 | 255 | iPg | 21:17:52.63 | -0.40 |
| | | | eSg | 18:05.27 | -1.83 |
| GCIS | 102.6 | 236 | iPg | 21:17:53.15 | -0.25 |
| TIH | 106.1 | 57 | eP* | 21:17:55.60 | 1.66 |
| | | | eS* | 18:06.90 | -1.81 |
| CRES | 116.2 | 238 | ePn | 21:17:55.06 | -0.17 |
| LEGS | 119.2 | 246 | iPn | 21:17:55.81 | 0.20 |
| EGYH | 123.9 | 22 | eSn | 21:18:12.24 | -0.48 |
| PERS | 126.9 | 283 | iPn | 21:17:56.76 | 0.19 |
| PKSV | 129.9 | 115 | ePnD | 21:17:55.88 | -1.06 |
| ARSA | 133.3 | 316 | Pn | 21:17:56.50 | -0.87 |
| | | | Sn | 18:13.70 | -1.13 |
| SOKA | 134.2 | 284 | Pn | 21:17:57.15 | -0.33 |
| | | | Sn | 18:13.46 | -1.56 |
| PKDS | 138.3 | 255 | ePn | 21:17:58.58 | 0.60 |
| PKSM | 148.6 | 97 | eSn | 21:18:19.36 | 1.15 |
| MORH | 148.7 | 97 | eSn | 21:18:18.93 | 0.69 |
| VNDS | 159.5 | 259 | iPn | 21:18:02.36 | 1.73 |
| OBKA | 168.1 | 275 | Pn | 21:18:01.82 | 0.11 |
| | | | Sn | 18:24.52 | 1.97 |

398.

2014-10-12 time: 21:18:12.31 UTC ML= 1.8
 lat: 46.377N lon: 16.757E h= 10.0 km
 erh= 2.6km erz= 2.4km
 nr= 33 gap=122 rms=0.87
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KOGS | 39.8 | 281 | iPg | 21:18:20.02 | 0.38 |
| | | | iSg | 18:25.37 | 0.02 |
| GOLS | 96.5 | 245 | iPg | 21:18:29.44 | -0.19 |
| | | | iSg | 18:42.73 | -0.40 |
| DOBS | 102.5 | 256 | iPg | 21:18:30.20 | -0.50 |
| GCIS | 104.1 | 237 | iP* | 21:18:30.45 | -0.51 |
| TIH | 104.6 | 56 | eP* | 21:18:29.90 | -1.14 |
| | | | eS* | 18:44.66 | -0.98 |
| PKS9 | 119.1 | 79 | eSn | 21:18:48.80 | -0.20 |
| LEGS | 121.0 | 247 | iPn | 21:18:33.20 | 0.05 |
| EGYH | 123.7 | 21 | ePn | 21:18:34.11 | 0.62 |
| | | | eSn | 18:49.73 | -0.27 |
| PKSV | 127.6 | 115 | ePn | 21:18:33.29 | -0.69 |
| | | | eSn | 18:51.07 | 0.18 |
| PERS | 129.2 | 283 | iPn | 21:18:33.97 | -0.21 |
| ARSA | 135.3 | 316 | ePn | 21:18:35.05 | 0.11 |
| | | | eSn | 18:51.12 | -1.47 |
| SOKA | 136.5 | 284 | Pn | 21:18:34.85 | -0.24 |
| | | | Sn | 18:50.87 | -1.98 |
| PKST | 138.3 | 45 | ePn | 21:18:35.59 | 0.28 |
| | | | eSn | 18:53.34 | 0.10 |

Földrengés paraméterek

PKDS 140.2 256 iPn 21:18:36.47 0.92
 SOP 146.0 354 eSn 21:18:52.63 -2.34
 PKSM 146.3 97 ePn 21:18:34.99 -1.32
 eSn 18:56.66 1.63
 MORH 146.5 97 eSn 21:18:57.02 1.95
 CSKK 158.6 46 ePn 21:18:38.83 0.99
 eSn 18:59.74 1.98
 VNDS 161.5 259 iPn 21:18:39.80 1.59
 PKSG 168.0 48 ePn 21:18:39.00 -0.02
 eSn 19:01.61 1.76
 OBKA 170.4 275 Pn 21:18:41.00 1.69
 Sn 19:01.63 1.26

399.

2014-10-13 time: 6:46:09.55 UTC ML= 0.5
 lat: 47.431N lon: 17.954E h= 0.0 km
 erh= 3.7km erz= 410km
 nr= 5 gap=295 rms=0.20
 Locality: Réde
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 20.1 | 162 | ePgC | 6:46:13.30 | 0.17 |
| | | | eSg | 46:15.82 | -0.11 |
| CSKK | 24.3 | 108 | ePgD | 6:46:14.05 | 0.16 |
| | | | eSg | 46:17.21 | -0.07 |
| PKSG | 33.2 | 98 | ePg | 6:46:15.13 | -0.35 |

400.

2014-10-13 time: 8:21:21.91 UTC ML= 1.1
 lat: 47.107N lon: 17.965E h= 10.0 km
 erh= 3.7km erz= 1.8km
 nr= 12 gap=184 rms=0.40
 Locality: Kádárta
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKST | 17.7 | 17 | ePg | 8:21:24.82 | -0.72 |
| | | | eSg | 21:28.37 | 0.01 |
| TIH | 23.7 | 193 | ePg | 8:21:26.77 | 0.27 |
| | | | eSg | 21:30.46 | 0.38 |
| CSKK | 36.2 | 38 | ePg | 8:21:28.36 | -0.25 |
| | | | eSg | 21:34.09 | 0.25 |
| PKSG | 45.1 | 45 | ePg | 8:21:30.71 | 0.54 |
| | | | eSg | 21:36.99 | 0.38 |
| MORH | 111.9 | 152 | ePn | 8:21:41.47 | -0.15 |
| | | | eSn | 21:56.75 | -0.24 |
| PKSM | 112.2 | 153 | ePn | 8:21:41.76 | 0.11 |
| | | | eSn | 21:55.57 | -1.48 |

401.

2014-10-13 time: 11:22:16.34 UTC ML= 2.0
 lat: 48.356N lon: 19.875E h= 0.0 km
 erh= 2.0km erz= 4.9km
 nr= 9 gap=106 rms=0.47
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| IZAB | 26.6 | 333 | ePg | 11:22:21.60 | 0.51 |
| | | | eSg | 22:25.70 | 0.91 |
| KECS | 47.3 | 73 | ePg | 11:22:24.90 | 0.11 |
| | | | eSg | 22:32.00 | 0.61 |
| PSZ | 48.7 | 178 | ePg | 11:22:24.99 | -0.04 |
| | | | eSg | 22:31.84 | 0.03 |
| VYHS | 78.4 | 281 | ePg | 11:22:30.10 | -0.25 |
| | | | eSg | 22:37.70 | -3.57* |
| LANS | 93.3 | 341 | eSg | 11:22:45.00 | -1.00 |
| CRVS | 131.7 | 63 | ePn | 11:22:39.60 | -0.20 |

Földrengés paraméterek

Hypocenter Parameters

402.

2014-10-13 time: 12:18:37.88 UTC ML= 0.5
 lat: 47.187N lon: 18.341E h= 0.0 km
 erh= 6.0km erz= 750km
 nr= 5 gap=280 rms=0.34
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 20.5 | 343 | ePg | 12:18:42.02 | 0.48 |
| | | | eSg | 18:44.62 | 0.21 |
| PKSG | 23.1 | 9 | ePg | 12:18:41.55 | -0.46 |
| PKST | 24.6 | 289 | ePg | 12:18:42.31 | 0.05 |
| | | | eSg | 18:45.38 | -0.30 |

403.

2014-10-14 time: 8:39:33.50 UTC ML= 0.9
 lat: 46.000N lon: 18.129E h= 0.0 km
 erh= 2.5km erz= 287km
 nr= 6 gap=276 rms=0.17
 Locality: Aranyosgyádány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 15.7 | 142 | ePg | 8:39:36.10 | -0.19 |
| | | | eSg | 39:38.58 | 0.11 |
| PKSM | 46.1 | 59 | ePgC | 8:39:41.83 | 0.11 |
| | | | eSg | 39:48.22 | 0.08 |
| MORH | 46.5 | 59 | ePg | 8:39:41.90 | 0.10 |
| | | | eSg | 39:47.90 | -0.37 |

404.

2014-10-14 time: 20:01:00.84 UTC ML= 0.5
 lat: 46.038N lon: 18.304E h= 6.7 km
 erh= 5.0km erz= 4.7km
 nr= 8 gap=219 rms=0.16
 Locality: Kozármisleny
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSV | 17.1 | 194 | ePgD | 20:01:04.21 | 0.08 |
| | | | eSg | 01:06.57 | -0.12 |
| PKSM | 32.4 | 53 | ePgD | 20:01:06.91 | 0.16 |
| | | | eSg | 01:11.21 | -0.15 |
| MORH | 32.8 | 53 | ePgD | 20:01:06.95 | 0.12 |
| | | | eSg | 01:11.40 | -0.10 |
| PKS2 | 86.3 | 54 | ePg | 20:01:16.02 | -0.29 |
| | | | eSg | 01:29.31 | 0.94* |

405.

2014-10-14 time: 21:52:59.92 UTC ML= 1.4
 lat: 46.902N lon: 17.390E h= 12.8 km
 erh= 2.0km erz= 2.0km
 nr= 22 gap= 90 rms=0.62
 Locality: Tapolca
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| MPLH | 31.9 | 21 | ePgD | 21:53:05.25 | -0.81 |
| | | | eSg | 53:10.10 | -0.74 |
| TIH | 38.3 | 90 | ePg | 21:53:07.05 | -0.08 |
| | | | eSg | 53:12.47 | -0.28 |
| EGYH | 57.5 | 356 | ePg | 21:53:11.55 | 1.12 |
| | | | eSg | 53:18.99 | 0.36 |
| PKST | 63.0 | 51 | ePgD | 21:53:11.43 | 0.03 |
| | | | eSg | 53:21.07 | 0.72 |
| CSKK | 83.6 | 52 | ePg | 21:53:14.52 | -0.50 |
| | | | eSg | 53:27.37 | 0.57 |
| PKSG | 93.4 | 54 | eP* | 21:53:16.30 | -0.38 |
| | | | eS* | 53:30.54 | 0.79 |

| | | | | | |
|------|-------|-----|------|-------------|-------|
| KOGS | 100.8 | 240 | eP*C | 21:53:18.40 | 0.60 |
| | | | eS* | 53:31.34 | -0.41 |
| SOP | 107.3 | 324 | ePn | 21:53:18.66 | -0.04 |
| | | | eSn | 53:32.33 | -1.01 |
| MORH | 122.7 | 128 | ePn | 21:53:20.70 | 0.08 |
| | | | eSn | 53:35.29 | -1.48 |
| PKSM | 122.8 | 129 | ePn | 21:53:20.70 | 0.06 |
| | | | eSn | 53:34.48 | -2.32 |
| PKSV | 130.7 | 150 | ePn | 21:53:22.17 | 0.55 |
| PKS2 | 146.7 | 108 | eSn | 21:53:45.05 | 2.96* |

406.

2014-10-15 time: 11:58:13.31 UTC ML= 0.5
 lat: 47.205N lon: 18.282E h= 0.0 km
 erh= 1.8km erz= 474km
 nr= 6 gap=145 rms=0.28
 Locality: Csór
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 17.6 | 355 | ePgC | 11:58:16.07 | -0.38 |
| PKST | 19.7 | 288 | ePgC | 11:58:16.97 | 0.14 |
| | | | eSg | 58:19.59 | 0.02 |
| PKSG | 22.3 | 22 | eSg | 11:58:20.97 | 0.58 |
| PKSM | 113.8 | 166 | ePg | 11:58:33.71 | 0.08 |
| | | | eSg | 58:49.32 | -0.16 |

407.

2014-10-16 time: 7:26:07.56 UTC ML= 0.8
 lat: 47.434N lon: 18.387E h= 0.0 km
 erh= 1.3km erz= 146km
 nr= 5 gap=303 rms=0.08
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.7 | 176 | ePgC | 7:26:08.40 | 0.00 |
| | | | eSg | 26:09.08 | 0.02 |
| CSKK | 12.4 | 230 | ePg | 7:26:09.73 | -0.04 |
| | | | eSg | 26:11.35 | -0.14 |
| PKST | 33.0 | 234 | ePg | 7:26:13.57 | 0.12 |

408.

2014-10-16 time: 7:26:33.65 UTC ML= 0.8
 lat: 47.443N lon: 18.390E h= 0.0 km
 erh= 1.4km erz= 153km
 nr= 5 gap=307 rms=0.07
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.7 | 180 | ePgC | 7:26:34.72 | 0.05 |
| | | | eSg | 26:35.36 | -0.10 |
| CSKK | 13.2 | 228 | ePg | 7:26:36.08 | 0.06 |
| | | | eSg | 26:37.90 | 0.04 |
| PKST | 33.8 | 233 | ePg | 7:26:39.60 | -0.09 |

409.

2014-10-16 time: 7:32:33.09 UTC ML= 1.5
 lat: 47.959N lon: 20.041E h= 3.1 km
 erh= 6.2km erz=15.6km
 nr= 7 gap=218 rms=0.36
 Locality: Máttraballa
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PSZ | 11.8 | 248 | ePgC | 7:32:34.86 | -0.41 |
| | | | eSg | 32:37.44 | 0.47 |
| PENC | 59.8 | 252 | eSg | 7:32:52.28 | 0.16 |
| KECS | 67.0 | 30 | eSg | 7:32:54.60 | 0.19 |

Hypocenter Parameters

IZAB 72.1 340 ePg 7:32:45.80 -0.17
 VYHS 107.5 304 ePg 7:32:52.70 0.41
 eSg 33:05.50 -1.76

410.

2014-10-16 time: 11:40:17.26 UTC ML= 1.2
 lat: 48.651N lon: 20.211E h= 0.0 km
 erh= 1.4km erz= 430km
 nr= 10 gap=118 rms=0.34
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| KECS | 27.5 | 133 | ePg | 11:40:21.80 | -0.38 |
| | | | eSg | 40:25.10 | -0.91 |
| IZAB | 37.9 | 256 | ePg | 11:40:24.10 | 0.07 |
| | | | ePg | 11:40:31.30 | 0.14 |
| LANS | 77.8 | 316 | ePg | 11:40:31.30 | 0.14 |
| | | | eSg | 40:41.30 | -0.71 |
| PSZ | 84.8 | 196 | ePg | 11:40:32.66 | 0.26 |
| | | | eSg | 40:44.52 | 0.31 |
| CRVS | 96.1 | 73 | ePg | 11:40:34.70 | 0.28 |
| VYHS | 103.0 | 260 | ePg | 11:40:35.70 | 0.05 |
| | | | eSg | 40:48.00 | -1.99* |

411.

2014-10-16 time: 14:53:07.41 UTC ML= 1.3
 lat: 48.726N lon: 19.870E h= 14.9 km
 erh= 3.2km erz= 2.9km
 nr= 10 gap=153 rms=0.69
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| IZAB | 21.0 | 214 | ePg | 14:53:11.90 | -0.11 |
| | | | eSg | 53:14.80 | -0.79 |
| KECS | 52.8 | 121 | ePg | 14:53:17.50 | 0.29 |
| | | | eSg | 53:23.60 | -1.25 |
| LANS | 55.7 | 328 | ePg | 14:53:18.00 | 0.30 |
| | | | eSg | 53:25.00 | -0.73 |
| VYHS | 80.5 | 251 | eP* | 14:53:21.70 | -0.30 |
| | | | eS* | 53:30.90 | -2.48 |
| PSZ | 89.8 | 179 | eP* | 14:53:24.59 | 1.17 |
| | | | eS* | 53:35.41 | -0.50 |

412.

2014-10-19 time: 13:43:12.25 UTC ML= 1.3
 lat: 45.569N lon: 18.300E h= 7.3 km
 erh= 1.4km erz= 0.5km
 nr= 6 gap=334 rms=0.07
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 35.7 | 354 | ePg | 13:43:18.71 | -0.04 |
| | | | eSg | 43:23.95 | 0.12 |
| PKSM | 76.2 | 20 | ePgD | 13:43:25.96 | 0.04 |
| | | | eSg | 43:36.39 | -0.19 |
| MORH | 76.7 | 20 | ePgD | 13:43:26.01 | 0.01 |
| | | | eSg | 43:38.47 | 1.73* |
| PKS9 | 113.2 | 359 | eSn | 13:43:48.23 | 0.00 |

413.

2014-10-20 time: 9:55:47.27 UTC ML= 0.7
 lat: 47.187N lon: 17.955E h= 22.8 km
 erh= 5.0km erz= 4.7km
 nr= 11 gap=130 rms=0.71
 Locality: Eplény
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|-----------|-----|
| | | | | | |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|------|------------|-------|
| PKST | 10.0 | 37 | ePgC | 9:55:50.28 | -1.35 |
| | | | eSg | 55:53.90 | -1.13 |
| CSKK | 30.3 | 50 | ePg | 9:55:54.21 | 0.32 |
| | | | eSg | 55:59.88 | 0.82 |
| MPLH | 31.6 | 267 | ePgC | 9:55:54.06 | -0.01 |
| | | | eSg | 55:59.77 | 0.39 |
| PKSG | 40.0 | 55 | ePg | 9:55:55.61 | 0.32 |
| MORH | 120.2 | 154 | ePn | 9:56:07.35 | 0.86 |
| | | | eSn | 56:20.92 | -0.56 |
| PKSM | 120.5 | 154 | ePn | 9:56:07.05 | 0.53 |
| | | | eSn | 56:20.82 | -0.72 |

414.

2014-10-21 time: 7:55:02.40 UTC ML= 0.8
 lat: 45.977N lon: 18.202E h= 0.0 km
 erh= 0.8km erz=74.2km
 nr= 6 gap=254 rms=0.04
 Locality: Szőke
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 10.5 | 158 | ePg | 7:55:04.28 | 0.00 |
| | | | eSg | 55:05.75 | 0.00 |
| PKSM | 42.9 | 52 | ePg | 7:55:10.08 | 0.02 |
| MORH | 43.3 | 52 | eSg | 55:16.11 | 0.07 |
| | | | ePg | 7:55:10.13 | -0.01 |
| | | | eSg | 55:16.09 | -0.09 |

415.

2014-10-21 time: 8:40:26.40 UTC ML= 1.5
 lat: 48.392N lon: 20.894E h= 0.0 km
 erh= 8.9km erz= 5.7km
 nr= 9 gap=238 rms=0.94
 Locality: Felsővadász
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| KECS | 31.9 | 289 | ePg | 8:40:33.00 | 0.91 |
| | | | eSg | 40:36.80 | 0.27 |
| CRVS | 70.5 | 36 | ePg | 8:40:40.00 | 1.00 |
| IZAB | 89.5 | 283 | eSg | 40:48.20 | -0.62 |
| | | | ePg | 8:40:42.20 | -0.19 |
| LANS | 134.6 | 309 | eSg | 40:52.10 | -2.75 |
| | | | ePn | 8:40:48.70 | -1.51 |
| VYHS | 152.7 | 274 | ePn | 8:40:53.00 | 0.53 |
| | | | eSn | 41:11.70 | -1.10 |

416.

2014-10-23 time: 20:14:38.92 UTC ML= 1.6
 lat: 47.032N lon: 17.112E h= 5.4 km
 erh= 1.9km erz= 2.0km
 nr= 27 gap= 80 rms=0.76
 Locality: Zalaerdőd
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 35.9 | 65 | ePgC | 20:14:44.68 | -0.72 |
| | | | eSg | 14:50.59 | 0.13 |
| EGYH | 46.0 | 21 | ePg | 20:14:47.42 | 0.24 |
| | | | eSg | 14:53.98 | 0.35 |
| TIH | 61.2 | 104 | eSg | 20:14:58.48 | 0.03 |
| | | | ePgD | 20:14:52.08 | -0.15 |
| PKST | 74.4 | 70 | ePgD | 20:14:52.08 | -0.15 |
| | | | eSg | 15:03.03 | 0.41 |
| SOP | 83.6 | 330 | ePg | 20:14:54.41 | 0.52 |
| KOGS | 92.5 | 225 | eSg | 15:04.79 | -0.77 |
| | | | ePg | 20:14:55.70 | 0.24 |
| PKS9 | 101.9 | 119 | eSg | 20:15:12.24 | 0.90 |
| PKSG | 104.8 | 68 | ePgC | 20:14:56.71 | -0.95 |
| | | | eSg | 15:11.49 | -0.78 |
| ARSA | 123.0 | 281 | Pn | 20:15:00.35 | -0.24 |
| | | | Sn | 15:14.57 | -2.93 |

Földrengés paraméterek

Hypocenter Parameters

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----|-------|-----|
| SRO | 125.6 | 46 | ePn | 20:15:00.60 | | -0.31 | |
| | | | eSn | 15:18.80 | | 0.73 | |
| CONA | 137.2 | 317 | Pn | 20:15:03.38 | | 1.02 | |
| | | | Sn | 15:19.72 | | -0.93 | |
| MORH | 148.3 | 128 | ePnD | 20:15:03.04 | | -0.71 | |
| | | | eSn | 15:23.08 | | -0.04 | |
| PKSM | 148.4 | 128 | ePn | 20:15:03.07 | | -0.69 | |
| | | | eSn | 15:23.34 | | 0.20 | |
| PKSV | 154.3 | 145 | ePn | 20:15:05.58 | | 1.08 | |
| | | | eSn | 15:25.31 | | 0.85 | |
| SMOL | 166.5 | 8 | ePn | 20:15:07.40 | | 1.38 | |
| VYHS | 207.7 | 38 | ePn | 20:15:13.10 | | 1.95 | |
| | | | eSn | 15:39.80 | | 3.50* | |

417.

2014-10-27 time: 6:13:14.55 UTC ML= 0.6
 lat: 47.480N lon: 18.219E h= 0.0 km
 erh= 1.6km erz= 222km
 nr= 6 gap=278 rms=0.13
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-------|-----|
| CSKK | 13.4 | 167 | ePg | 6:13:17.02 | | 0.08 | |
| | | | eSg | 13:18.57 | | -0.24 | |
| PKSG | 16.3 | 127 | ePgC | 6:13:17.50 | | 0.05 | |
| | | | eSg | 13:19.70 | | -0.01 | |
| PKST | 28.3 | 210 | ePgD | 6:13:19.49 | | -0.11 | |
| | | | eSg | 13:23.79 | | 0.25 | |

418.

2014-10-27 time: 12:49:48.11 UTC ML= 0.4
 lat: 47.464N lon: 18.067E h= 0.0 km
 erh= 2.5km erz= 328km
 nr= 6 gap=282 rms=0.19
 Locality: Vérteskethely
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-------|-----|
| CSKK | 18.5 | 128 | ePg | 12:49:51.71 | | 0.31 | |
| | | | eSg | 49:54.15 | | 0.18 | |
| PKST | 23.0 | 186 | ePg | 12:49:52.14 | | -0.07 | |
| | | | eSg | 49:55.33 | | -0.08 | |
| PKSG | 25.7 | 108 | ePg | 12:49:52.61 | | -0.09 | |
| | | | eSg | 49:56.00 | | -0.29 | |

419.

2014-10-27 time: 14:23:57.26 UTC ML= 1.1
 lat: 47.440N lon: 18.236E h= 0.9 km
 erh= 4.1km erz=35.6km
 nr= 6 gap=257 rms=0.07
 Locality: Pusztavám
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-------|-----|
| CSKK | 8.7 | 168 | ePgC | 14:23:58.89 | | 0.06 | |
| | | | eSg | 23:59.94 | | -0.11 | |
| PKSG | 12.8 | 115 | ePgC | 14:23:59.50 | | -0.06 | |
| | | | eSg | 24:01.40 | | 0.05 | |
| PKST | 25.2 | 217 | ePgD | 14:24:01.73 | | -0.04 | |
| | | | eSg | 24:05.42 | | 0.13 | |

420.

2014-10-27 time: 14:39:13.05 UTC ML= 0.8
 lat: 47.456N lon: 18.235E h= 0.0 km
 erh= 0.8km erz= 113km
 nr= 6 gap=266 rms=0.07
 Locality: Pusztavám
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----|-------|-----|
| CSKK | 10.5 | 169 | ePg | 14:39:14.98 | | 0.06 | |
| | | | eSg | 39:16.43 | | 0.05 | |
| PKSG | 13.7 | 121 | ePgC | 14:39:15.54 | | 0.04 | |
| | | | eSg | 39:17.27 | | -0.14 | |
| PKST | 26.6 | 215 | ePg | 14:39:17.77 | | -0.03 | |
| | | | eSg | 39:21.47 | | -0.04 | |

421.

2014-10-28 time: 0:10:49.96 UTC ML= 1.4
 lat: 47.897N lon: 18.014E h= 19.3 km
 erh= 2.6km erz= 2.9km
 nr= 15 gap= 90 rms=0.71
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----|-------|-----|
| SRO | 24.3 | 113 | ePg | 0:10:55.10 | | -0.39 | |
| CSKK | 62.2 | 163 | eP* | 0:11:01.65 | | 0.29 | |
| | | | eS* | 11:08.89 | | -1.36 | |
| PKSG | 62.9 | 153 | eP* | 0:11:02.01 | | 0.54 | |
| | | | eS* | 11:09.63 | | -0.81 | |
| PKST | 71.0 | 179 | eS* | 0:11:11.92 | | -0.71 | |
| EGYH | 74.0 | 224 | eP*C | 0:11:03.14 | | -0.01 | |
| | | | eS* | 11:14.00 | | 0.56 | |
| MODS | 76.2 | 314 | eP* | 0:11:03.30 | | -0.20 | |
| | | | eS* | 11:12.60 | | -1.46 | |
| SMOL | 81.2 | 328 | eP* | 0:11:05.20 | | 0.95 | |
| | | | eS* | 11:14.70 | | -0.70 | |
| VYHS | 90.2 | 43 | eP* | 0:11:05.70 | | 0.07 | |
| | | | eS* | 11:16.70 | | -1.15 | |
| TIH | 111.2 | 185 | eSn | 0:11:24.70 | | 1.92 | |

422.

2014-10-28 time: 7:39:43.95 UTC ML= 0.7
 lat: 47.429N lon: 18.390E h= 0.0 km
 erh= 1.6km erz= 167km
 nr= 5 gap=304 rms=0.08
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-------|-----|
| PKSG | 4.1 | 179 | ePgC | 7:39:44.65 | | -0.04 | |
| | | | eSg | 39:45.34 | | 0.07 | |
| CSKK | 12.2 | 233 | ePg | 7:39:46.02 | | -0.11 | |
| | | | eSg | 39:47.82 | | -0.01 | |
| PKST | 32.8 | 235 | ePgC | 7:39:49.91 | | 0.09 | |

423.

2014-10-28 time: 7:40:07.19 UTC ML= 0.9
 lat: 47.458N lon: 18.411E h= 0.0 km
 erh= 1.7km erz= 199km
 nr= 6 gap=320 rms=0.17
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----|-------|-----|
| PKSG | 7.5 | 192 | ePgC | 7:40:08.66 | | 0.13 | |
| | | | eSg | 40:09.27 | | -0.30 | |
| CSKK | 15.5 | 227 | ePg | 7:40:10.03 | | 0.07 | |
| | | | eSg | 40:11.77 | | -0.35 | |
| PKST | 36.1 | 232 | ePgC | 7:40:13.67 | | 0.04 | |
| | | | eSg | 40:18.75 | | 0.10 | |

Hypocenter Parameters

Földrengés paraméterek

424.

2014-10-30 time: 7:35:18.95 UTC ML= 1.1
 lat: 47.991N lon: 19.954E h= 0.0 km
 erh= 3.4km erz= 812km
 nr= 6 gap=173 rms=0.48
 Locality: Mátramindszent
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PSZ | 9.2 | 209 | ePgC | 7:35:20.00 | -0.59 |
| | | | eSg | 35:22.58 | 0.71 |
| IZAB | 66.7 | 344 | ePg | 7:35:31.40 | 0.54 |
| KECS | 67.5 | 36 | eSg | 7:35:40.10 | -0.30 |
| VYHS | 100.1 | 304 | ePg | 7:35:37.00 | 0.17 |
| | | | eSg | 35:50.50 | -0.27 |

425.

2014-10-30 time: 10:44:28.66 UTC ML= 1.7
 lat: 48.657N lon: 20.674E h= 0.0 km
 erh= 3.9km erz= 3.8km
 nr= 8 gap=162 rms=0.40
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 23.8 | 216 | ePg | 10:44:32.80 | -0.11 |
| | | | eSg | 44:36.70 | 0.48 |
| CRVS | 64.0 | 65 | ePg | 10:44:40.00 | -0.08 |
| IZAB | 71.6 | 262 | ePg | 10:44:41.20 | -0.24 |
| PSZ | 100.5 | 215 | ePg | 10:44:46.85 | 0.25 |
| | | | eSg | 44:59.99 | -0.60 |
| VYHS | 136.8 | 262 | ePn | 10:44:53.50 | 0.75 |
| | | | eSn | 45:11.00 | -0.55 |

426.

2014-10-31 time: 12:40:03.35 UTC ML= 1.0
 lat: 47.607N lon: 18.503E h= 0.0 km
 erh= 4.6km erz= 383km
 nr= 6 gap=337 rms=0.22
 Locality: Tarján
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSG | 25.4 | 200 | ePg | 12:40:08.18 | 0.30 |
| | | | eSg | 40:11.09 | -0.32 |
| CSKK | 32.7 | 214 | ePg | 12:40:08.91 | -0.27 |
| | | | eSg | 40:13.90 | 0.16 |
| PKST | 52.4 | 222 | ePg | 12:40:12.74 | 0.03 |
| | | | eSg | 40:20.06 | 0.05 |

427.

2014-11-03 time: 10:56:36.97 UTC ML= 1.7
 lat: 48.565N lon: 19.328E h= 0.0 km
 erh= 5.8km erz= ***km
 nr= 8 gap=191 rms=0.84
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| IZAB | 28.4 | 89 | ePg | 10:56:43.00 | 0.96 |
| | | | eSg | 56:47.20 | 1.21 |
| VYHS | 37.2 | 258 | ePg | 10:56:43.60 | -0.02 |
| | | | eSg | 56:48.50 | -0.30 |
| PSZ | 83.3 | 150 | ePg | 10:56:52.33 | 0.49 |
| | | | eSg | 57:02.70 | -0.74 |
| KECS | 86.0 | 96 | ePg | 10:56:51.30 | -1.03 |
| | | | eSg | 57:02.50 | -1.80 |

428.

2014-11-03 time: 11:39:08.66 UTC ML= 1.1
 lat: 47.085N lon: 17.958E h= 0.0 km
 erh= 1.5km erz= 508km
 nr= 11 gap=114 rms=0.41
 Locality: Veszprém
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKST | 20.1 | 17 | ePg | 11:39:11.60 | -0.66 |
| | | | eSg | 39:14.84 | -0.22 |
| TIH | 21.2 | 194 | ePg | 11:39:13.14 | 0.69 |
| CSKK | 38.4 | 37 | ePg | 11:39:15.45 | -0.08 |
| | | | eSg | 39:21.58 | 0.70 |
| PKSG | 47.2 | 44 | ePg | 11:39:16.95 | -0.15 |
| | | | eSg | 39:24.15 | 0.47 |
| EGYH | 60.1 | 308 | ePg | 11:39:19.12 | -0.27 |
| | | | eSg | 39:27.88 | 0.12 |
| PKSM | 110.3 | 152 | ePgD | 11:39:28.46 | 0.10 |
| | | | eSg | 39:43.25 | -0.48 |

429.

2014-11-03 time: 12:41:52.00 UTC ML= 1.6
 lat: 48.267N lon: 21.237E h= 0.0 km
 erh= 1.7km erz= 359km
 nr= 7 gap=203 rms=0.24
 Locality: Tállya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 60.6 | 293 | ePg | 12:42:02.60 | -0.22 |
| | | | eSg | 42:11.10 | -0.17 |
| CRVS | 72.5 | 13 | eSg | 12:42:15.40 | 0.36 |
| KOLS | 106.4 | 46 | ePg | 12:42:10.90 | -0.09 |
| | | | eSg | 42:25.50 | -0.31 |
| PSZ | 107.3 | 249 | ePg | 12:42:11.46 | 0.30 |
| | | | eSg | 42:26.28 | 0.18 |

430.

2014-11-04 time: 11:10:46.84 UTC ML= 1.0
 lat: 48.047N lon: 20.301E h= 0.0 km
 erh= 3.8km erz= 650km
 nr= 7 gap=229 rms=0.49
 Locality: Mikófalva
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 33.6 | 245 | ePgD | 11:10:52.37 | -0.47 |
| | | | eSg | 10:58.31 | 0.80 |
| KECS | 50.4 | 16 | ePg | 11:10:55.20 | -0.63 |
| | | | eSg | 11:03.60 | 0.76 |
| IZAB | 72.6 | 323 | ePg | 11:10:59.90 | 0.10 |
| VYHS | 119.6 | 295 | ePg | 11:11:08.20 | 0.01 |
| | | | eSg | 11:25.10 | 0.26 |

431.

2014-11-05 time: 7:04:58.29 UTC ML= 0.6
 lat: 47.478N lon: 18.219E h= 0.0 km
 erh= 2.3km erz= 319km
 nr= 6 gap=276 rms=0.19
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| CSKK | 13.1 | 166 | ePg | 7:05:00.87 | 0.24 |
| | | | eSg | 05:02.63 | 0.17 |
| PKSG | 16.1 | 126 | ePgC | 7:05:01.19 | 0.02 |
| | | | eSg | 05:03.00 | -0.41 |
| PKST | 28.0 | 210 | ePg | 7:05:03.21 | -0.08 |
| | | | eSg | 05:07.08 | -0.11 |

Földrengés paraméterek

Hypocenter Parameters

432.

2014-11-05 time: 10:07:43.68 UTC ML= 1.8
 lat: 48.857N lon: 20.496E h= 0.0 km
 erh= 5.2km erz= ***km
 nr= 8 gap=194 rms=0.81
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 41.5 | 181 | ePg | 10:07:51.20 | 0.10 |
| | | | eSg | 07:56.90 | 0.01 |
| IZAB | 65.9 | 241 | ePg | 10:07:56.50 | 1.04 |
| | | | ePg | 10:07:55.80 | -0.56 |
| CRVS | 71.0 | 86 | ePg | 10:08:04.52 | 0.58 |
| | | | eSg | 08:18.91 | -0.84 |
| PSZ | 113.5 | 203 | ePg | 10:08:06.60 | -0.07 |
| | | | eSg | 08:20.90 | -3.70 |

433.

2014-11-05 time: 12:37:22.21 UTC ML= 0.7
 lat: 47.493N lon: 18.025E h= 0.0 km
 erh= 5.9km erz= 774km
 nr= 6 gap=294 rms=0.46
 Locality: Kisbér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 22.9 | 129 | ePg | 12:37:26.60 | 0.31 |
| | | | eSg | 37:30.07 | 0.60 |
| PKST | 26.0 | 179 | ePg | 12:37:27.04 | 0.19 |
| | | | eSg | 37:30.14 | -0.33 |
| PKSG | 29.7 | 112 | ePg | 12:37:27.37 | -0.15 |
| | | | eSg | 37:30.61 | -1.05 |

434.

2014-11-05 time: 13:44:12.29 UTC ML= 1.7
 lat: 48.629N lon: 20.757E h= 0.0 km
 erh= 3.1km erz= 4.5km
 nr= 10 gap=160 rms=0.57
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 25.8 | 231 | ePg | 13:44:16.80 | -0.09 |
| | | | eSg | 44:20.60 | 0.12 |
| CRVS | 60.0 | 60 | ePg | 13:44:23.70 | 0.69 |
| | | | eSg | 44:30.00 | -1.37 |
| IZAB | 77.3 | 265 | ePg | 13:44:26.30 | 0.20 |
| | | | ePg | 13:44:30.34 | -0.11 |
| PSZ | 101.7 | 219 | eSg | 44:44.40 | -0.21 |
| | | | ePg | 13:44:32.50 | 0.39 |
| LANS | 111.0 | 302 | ePg | 13:44:37.30 | 0.20 |
| | | | eSn | 44:54.30 | -2.16 |

435.

2014-11-06 time: 14:27:19.08 UTC ML= 0.5
 lat: 47.476N lon: 18.057E h= 0.0 km
 erh= 4.7km erz= 609km
 nr= 6 gap=286 rms=0.35
 Locality: Vérteskethely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 19.8 | 129 | ePgC | 14:27:23.27 | 0.65 |
| | | | eSg | 27:25.32 | -0.05 |
| PKST | 24.2 | 184 | ePgC | 14:27:23.30 | -0.09 |
| | | | eSg | 27:26.58 | -0.18 |
| PKSG | 26.8 | 110 | ePg | 14:27:23.51 | -0.36 |
| | | | eSg | 27:27.41 | -0.20 |

436.

2014-11-07 time: 9:43:00.24 UTC ML= 0.7
 lat: 45.925N lon: 18.710E h= 0.0 km
 erh= 2.7km erz= 304km
 nr= 6 gap=272 rms=0.18
 Locality: Kölked
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSM | 32.3 | 351 | ePg | 9:43:05.97 | -0.04 |
| | | | eSg | 43:10.55 | 0.04 |
| MORH | 32.7 | 351 | ePg | 9:43:05.98 | -0.10 |
| | | | eSg | 43:10.71 | 0.07 |
| PKSV | 35.8 | 263 | ePg | 9:43:06.91 | 0.29 |
| | | | eSg | 43:11.24 | -0.37 |

437.

2014-11-10 time: 8:08:29.25 UTC ML= 0.7
 lat: 47.426N lon: 18.402E h= 0.0 km
 erh= 7.7km erz= 832km
 nr= 5 gap=316 rms=0.38
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 3.9 | 192 | ePgC | 8:08:29.87 | -0.09 |
| | | | eSg | 08:30.44 | -0.07 |
| CSKK | 12.8 | 237 | ePg | 8:08:31.18 | -0.35 |
| | | | eSg | 08:33.10 | -0.21 |
| PKST | 33.4 | 236 | ePg | 8:08:35.99 | 0.77 |

438.

2014-11-11 time: 9:31:16.86 UTC ML= 1.0
 lat: 45.854N lon: 18.427E h= 0.0 km
 erh= 1.2km erz= 124km
 nr= 6 gap=263 rms=0.07
 Locality: Nagyharsány
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSV | 14.1 | 286 | ePg | 9:31:19.48 | 0.10 |
| | | | eSg | 31:21.19 | -0.15 |
| PKSM | 43.1 | 23 | ePgC | 9:31:24.55 | -0.01 |
| | | | eSg | 31:30.58 | 0.02 |
| MORH | 43.6 | 23 | ePgC | 9:31:24.61 | -0.04 |
| | | | eSg | 31:30.80 | 0.08 |

439.

2014-11-11 time: 13:17:14.18 UTC ML= 0.7
 lat: 47.475N lon: 18.053E h= 0.0 km
 erh= 5.1km erz= 637km
 nr= 6 gap=287 rms=0.37
 Locality: Vérteskethely
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 20.0 | 128 | ePgC | 13:17:17.86 | 0.11 |
| | | | eSg | 17:21.06 | 0.53 |
| PKST | 24.0 | 183 | ePgC | 13:17:18.50 | 0.03 |
| | | | eSg | 17:21.59 | -0.22 |
| PKSG | 27.1 | 110 | ePgD | 13:17:19.03 | 0.01 |
| | | | eSg | 17:21.44 | -1.35 |

Hypocenter Parameters

440.
 2014-11-14 time: 9:39:58.50 UTC ML= 0.7
 lat: 45.921N lon: 18.706E h= 0.0 km
 erh= 3.3km erz= 365km
 nr= 6 gap=272 rms=0.21
 Locality: K lked
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSM | 32.7 | 351 | ePgD | 9:40:04.41 | 0.08 |
| | | | eSg | 40:08.30 | -0.59 |
| MORH | 33.1 | 352 | ePgC | 9:40:04.37 | -0.04 |
| | | | eSg | 40:09.40 | 0.38 |
| PKSV | 35.4 | 264 | ePg | 9:40:04.80 | -0.02 |
| | | | eSg | 40:09.72 | -0.03 |

441.
 2014-11-14 time: 11:19:09.11 UTC ML= 1.7
 lat: 45.599N lon: 17.330E h= 13.9 km
 erh= 1.7km erz= 1.5km
 nr= 14 gap=121 rms=0.33
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKSV | 78.6 | 66 | ePg | 11:19:23.09 | -0.27 |
| | | | eSg | 19:34.61 | 0.13 |
| BLY | 95.2 | 187 | eP* | 11:19:26.10 | 0.06 |
| PTJ | 111.9 | 287 | ePn | 11:19:28.02 | -0.29 |
| | | | eSn | 19:41.68 | -1.61 |
| PKSM | 122.4 | 56 | ePnD | 11:19:29.61 | -0.01 |
| | | | eSn | 19:45.86 | 0.24 |
| MORH | 122.8 | 56 | ePnD | 11:19:29.65 | -0.02 |
| | | | eSn | 19:45.57 | -0.14 |
| KOGS | 126.1 | 318 | ePn | 11:19:30.85 | 0.77 |
| | | | eSn | 19:45.93 | -0.50 |
| CRES | 148.0 | 280 | ePn | 11:19:33.00 | 0.18 |
| | | | eSn | 19:51.70 | 0.39 |
| PKST | 192.2 | 16 | ePn | 11:19:38.10 | -0.23 |

442.
 2014-11-14 time: 11:22:14.76 UTC ML= 1.7
 lat: 48.475N lon: 19.387E h= 0.0 km
 erh= 2.4km erz= 6.9km
 nr= 11 gap= 92 rms=0.79
 Locality: Slovakia
 Comments: probably explosion

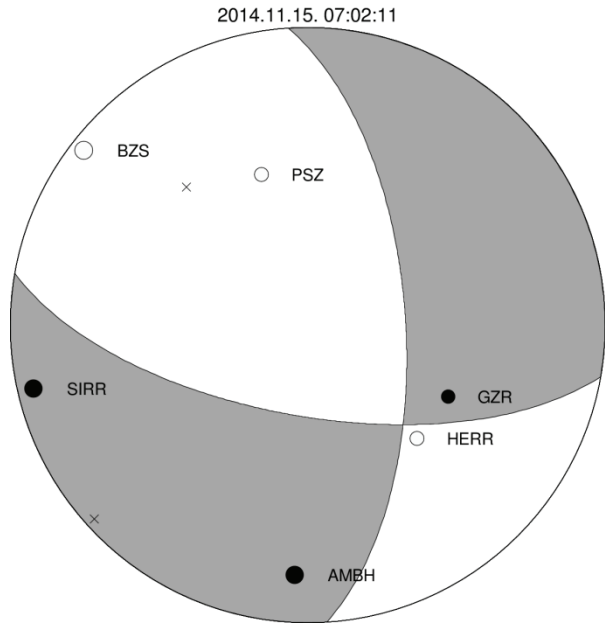
| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| VYHS | 40.8 | 273 | ePg | 11:22:22.00 | -0.10 |
| | | | eSg | 22:27.00 | -0.83 |
| PSZ | 72.5 | 149 | ePg | 11:22:28.00 | 0.26 |
| | | | eSg | 22:37.20 | -0.67 |
| LANS | 75.3 | 5 | ePg | 11:22:28.70 | 0.46 |
| | | | eSg | 22:38.40 | -0.35 |
| PENC | 76.6 | 186 | ePg | 11:22:29.84 | 1.38 |
| | | | eSg | 22:38.73 | -0.42 |
| KECS | 81.2 | 89 | ePg | 11:22:29.30 | 0.01 |
| | | | eSg | 22:39.40 | -1.22 |
| MODS | 156.6 | 266 | eSn | 11:22:58.20 | -2.63 |

443.
 2014-11-15 time: 7:02:11.92 UTC ML= 2.3
 lat: 46.120N lon: 20.707E h= 7.8 km
 erh= 4.0km erz= 3.5km
 nr= 23 gap=138 rms=1.18
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|-----|------|-----|-------|-----------|-----|
|-----|------|-----|-------|-----------|-----|

F ldreng s param terek

| | | | | | |
|------|-------|-----|------|------------|-------|
| AMBH | 25.6 | 3 | ePgC | 7:02:17.40 | 0.69 |
| | | | eSg | 02:21.73 | 1.29 |
| SIRR | 75.3 | 77 | PgC | 7:02:25.15 | -0.30 |
| | | | Sg | 02:33.90 | -2.10 |
| BZS | 90.1 | 128 | PgD | 7:02:28.53 | 0.46 |
| | | | Sg | 02:39.80 | -0.87 |
| PKS6 | 102.9 | 301 | ePg | 7:02:30.28 | -0.06 |
| | | | eSg | 02:43.05 | -1.66 |
| PKSN | 107.8 | 323 | ePg | 7:02:31.12 | -0.10 |
| | | | eSg | 02:44.67 | -1.61 |
| PKS2 | 122.3 | 290 | ePn | 7:02:32.94 | -0.27 |
| | | | eSn | 02:47.65 | -2.16 |
| MORH | 159.7 | 274 | ePn | 7:02:37.40 | -0.47 |
| | | | eSn | 02:57.47 | -0.64 |
| PKSM | 159.9 | 274 | ePn | 7:02:37.24 | -0.65 |
| | | | eSn | 02:57.47 | -0.68 |
| GZR | 180.1 | 117 | PnC | 7:02:40.93 | 0.51 |
| | | | Sn | 03:02.20 | -0.45 |
| HERR | 191.8 | 136 | PnD | 7:02:44.59 | 2.71 |
| | | | Sn | 03:05.70 | 0.46 |
| PKS9 | 194.0 | 286 | eSn | 7:03:08.28 | 2.56 |
| PSZ | 209.3 | 343 | ePnD | 7:02:48.14 | 4.09 |
| | | | eSn | 03:12.32 | 3.21 |



444.
 2014-11-18 time: 10:07:20.26 UTC ML= 0.5
 lat: 47.471N lon: 18.235E h= 0.0 km
 erh= 4.9km erz= 694km
 nr= 6 gap=274 rms=0.41
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 12.1 | 171 | ePg | 10:07:23.10 | 0.67 |
| | | | eSg | 07:24.39 | 0.27 |
| PKSG | 14.7 | 127 | ePgC | 10:07:23.02 | 0.14 |
| | | | eSg | 07:24.34 | -0.58 |
| PKST | 28.0 | 213 | ePgD | 10:07:25.01 | -0.25 |
| | | | eSg | 07:28.73 | -0.44 |

Földrengés paraméterek

Hypocenter Parameters

445.

2014-11-19 time: 7:49:06.33 UTC ML= 0.9
 lat: 47.466N lon: 18.416E h= 0.0 km
 erh= 5.8km erz= 666km
 nr= 6 gap=322 rms=0.40
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 8.4 | 193 | ePgc | 7:49:08.02 | 0.18 |
| | | | eSg | 49:08.67 | -0.34 |
| CSKK | 16.4 | 226 | ePg | 7:49:09.34 | 0.09 |
| | | | eSg | 49:10.78 | -0.76 |
| PKST | 36.9 | 231 | ePg | 7:49:12.80 | -0.12 |
| | | | eSg | 49:18.87 | 0.81 |

446.

2014-11-19 time: 7:49:33.13 UTC ML= 0.8
 lat: 47.307N lon: 18.403E h= 0.0 km
 erh= 7.1km erz= 958km
 nr= 5 gap=265 rms=0.43
 Locality: Zámoly
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 9.4 | 355 | ePgc | 7:49:34.85 | 0.03 |
| | | | eSg | 49:35.65 | -0.48 |
| CSKK | 12.4 | 300 | ePg | 7:49:36.14 | 0.79 |
| | | | eSg | 49:36.98 | -0.09 |
| PKST | 28.4 | 259 | ePg | 7:49:37.83 | -0.37 |

447.

2014-11-19 time: 12:09:57.73 UTC ML= 1.9
 lat: 48.234N lon: 21.250E h= 10.0 km
 erh= 7.5km erz= 4.7km
 nr= 9 gap=207 rms=0.78
 Locality: Tállya
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 63.1 | 296 | ePg | 12:10:08.20 | -0.94 |
| | | | eSg | 10:15.00 | -3.03 |
| CRVS | 75.9 | 12 | ePg | 12:10:12.30 | 0.89 |
| PSZ | 106.9 | 251 | eP*C | 12:10:16.83 | 0.02 |
| | | | eS* | 10:31.69 | -0.01 |
| KOLS | 108.4 | 44 | ePn | 12:10:16.70 | -0.30 |
| | | | eSn | 10:30.80 | -1.23 |
| LANS | 166.1 | 308 | ePn | 12:10:25.30 | 1.09 |
| | | | eSn | 10:45.80 | 0.95 |

448.

2014-11-20 time: 12:19:09.49 UTC ML= 1.0
 lat: 47.108N lon: 17.972E h= 10.0 km
 erh= 2.9km erz= 3.3km
 nr= 11 gap=107 rms=0.64
 Locality: Kádárta
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PKST | 17.4 | 16 | ePg | 12:19:12.26 | -0.81 |
| | | | eSg | 19:15.45 | -0.42 |
| TIH | 23.9 | 195 | ePg | 12:19:14.14 | 0.02 |
| | | | eSg | 19:18.77 | 1.04 |
| MPLH | 33.6 | 282 | ePgD | 12:19:15.68 | -0.06 |
| | | | eSg | 19:21.57 | 0.95 |
| CSKK | 35.8 | 38 | ePg | 12:19:15.72 | -0.40 |
| | | | eSg | 19:21.82 | 0.53 |
| PKSG | 44.7 | 45 | eSg | 12:19:25.57 | 1.53 |
| MORH | 111.7 | 153 | ePn | 12:19:29.36 | 0.19 |
| | | | eSn | 19:43.51 | -1.02 |

449.

2014-11-21 time: 7:28:40.59 UTC ML= 0.8
 lat: 47.385N lon: 18.466E h= 0.0 km
 erh= 6.7km erz= 520km
 nr= 5 gap=329 rms=0.23
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 5.7 | 278 | ePgc | 7:28:41.67 | 0.05 |
| | | | eSg | 28:42.62 | 0.20 |
| CSKK | 15.7 | 261 | ePg | 7:28:43.04 | -0.36 |
| | | | eSg | 28:45.38 | -0.21 |
| PKST | 35.5 | 247 | ePg | 7:28:47.21 | 0.28 |

450.

2014-11-21 time: 7:33:34.33 UTC ML= 0.4
 lat: 47.430N lon: 17.969E h= 0.0 km
 erh= 5.6km erz= 633km
 nr= 5 gap=292 rms=0.30
 Locality: Ácsteszer
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKST | 19.7 | 165 | ePgc | 7:33:38.03 | 0.19 |
| | | | eSg | 33:40.46 | -0.12 |
| CSKK | 23.2 | 109 | ePgD | 7:33:38.77 | 0.28 |
| | | | eSg | 33:41.64 | -0.08 |
| PKSG | 32.1 | 98 | ePg | 7:33:39.53 | -0.54 |

451.

2014-11-21 time: 9:39:42.96 UTC ML= 0.7
 lat: 47.061N lon: 18.052E h= 10.0 km
 erh= 2.6km erz= 7.3km
 nr= 8 gap=189 rms=0.42
 Locality: Balatonfűzfő
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| TIH | 21.6 | 214 | ePg | 9:39:47.67 | 0.46 |
| | | | eSg | 39:50.04 | -0.48 |
| PKST | 22.1 | 356 | ePg | 9:39:46.58 | -0.71 |
| | | | eSg | 39:50.91 | 0.25 |
| CSKK | 37.1 | 25 | ePg | 9:39:49.83 | 0.01 |
| | | | eSg | 39:55.54 | 0.36 |
| MPLH | 40.8 | 287 | ePg | 9:39:50.73 | 0.27 |
| | | | eSg | 39:55.90 | -0.41 |

452.

2014-11-24 time: 11:26:49.04 UTC ML= 1.5
 lat: 47.292N lon: 17.630E h= 0.0 km
 erh= 1.8km erz= 3.4km
 nr= 11 gap=129 rms=0.54
 Locality: Homokbödöge
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| MPLH | 15.2 | 207 | ePg | 11:26:51.26 | -0.49 |
| | | | eSg | 26:54.45 | 0.59 |
| PKST | 30.8 | 97 | ePg | 11:26:55.18 | 0.64 |
| | | | eSg | 26:58.95 | 0.11 |
| TIH | 47.9 | 155 | eSg | 11:27:04.35 | 0.08 |
| CSKK | 48.3 | 81 | eSg | 11:27:03.44 | -0.96 |
| PKSG | 58.6 | 79 | ePg | 11:26:59.86 | 0.36 |
| | | | eSg | 27:07.71 | 0.06 |
| SOP | 91.7 | 298 | eSg | 11:27:18.01 | -0.19 |
| MORH | 142.5 | 147 | eSn | 11:27:32.33 | -0.86 |
| PSZ | 184.0 | 68 | eSn | 11:27:45.09 | 2.69* |

Hypocenter Parameters

Földrengés paraméterek

453.
 2014-11-25 time: 7:36:13.79 UTC ML= 1.0
 lat: 47.457N lon: 18.453E h= 0.0 km
 erh= 5.7km erz= 482km
 nr= 6 gap=338 rms=0.31
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 8.6 | 213 | ePgC | 7:36:15.59 | 0.26 |
| | | | eSg | 36:16.09 | -0.43 |
| CSKK | 17.8 | 234 | ePgC | 7:36:16.93 | -0.05 |
| | | | eSg | 36:18.85 | -0.61 |
| PKST | 38.5 | 235 | ePgC | 7:36:20.71 | 0.04 |
| | | | eSg | 36:26.47 | 0.44 |

454.
 2014-11-25 time: 7:38:38.72 UTC ML= 0.7
 lat: 47.429N lon: 18.377E h= 0.0 km
 erh= 1.6km erz= 196km
 nr= 6 gap=292 rms=0.11
 Locality: Gánt
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 4.3 | 166 | ePgC | 7:38:39.48 | -0.01 |
| | | | eSg | 38:40.06 | -0.02 |
| CSKK | 11.5 | 230 | ePgD | 7:38:40.88 | 0.11 |
| | | | eSg | 38:42.49 | 0.13 |
| PKST | 32.1 | 234 | ePgC | 7:38:44.39 | -0.06 |
| | | | eSg | 38:48.58 | -0.34 |

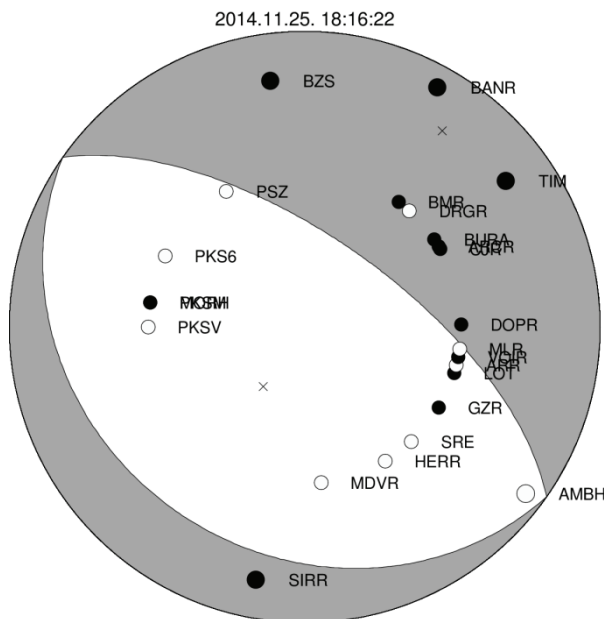
455.
 2014-11-25 time: 9:47:13.65 UTC ML= 0.9
 lat: 47.568N lon: 18.486E h= 0.0 km
 erh= 3.0km erz= 259km
 nr= 6 gap=335 rms=0.15
 Locality: Tatabánya
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 20.8 | 200 | ePgD | 9:47:17.48 | 0.11 |
| | | | eSg | 47:20.01 | -0.26 |
| CSKK | 28.4 | 217 | ePg | 9:47:18.59 | -0.13 |
| | | | eSg | 47:22.94 | 0.27 |
| PKST | 48.4 | 225 | ePg | 9:47:22.32 | 0.03 |
| | | | eSg | 47:28.94 | -0.08 |

456.
 2014-11-25 time: 18:16:22.59 UTC ML= 2.5
 lat: 45.908N lon: 21.555E h= 10.0 km
 erh= 2.4km erz= 2.3km
 nr= 45 gap= 39 rms=1.32
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| TIM | 32.2 | 234 | PgC | 18:16:28.84 | 0.22 |
| | | | Sg | 16:33.70 | 0.38 |
| BZS | 32.8 | 172 | PgC | 18:16:28.72 | 0.01 |
| | | | Sg | 16:32.60 | -0.88 |
| SIRR | 40.7 | 11 | PgC | 18:16:29.71 | -0.37 |
| | | | Sg | 16:34.60 | -1.33 |
| BANR | 67.0 | 209 | PgC | 18:16:34.80 | 0.12 |
| | | | Sg | 16:43.80 | -0.32 |
| AMBH | 80.8 | 307 | ePgD | 18:16:36.98 | -0.14 |
| | | | eSg | 16:47.47 | -0.99 |
| DEV | 104.7 | 92 | S* | 18:16:53.70 | -2.23 |
| GZR | 111.1 | 121 | PnC | 18:16:41.53 | -0.67 |
| | | | Sn | 16:55.00 | -2.49 |

| | | | | | |
|------|-------|-----|------|-------------|--------|
| MDVR | 125.8 | 174 | PnD | 18:16:43.94 | -0.10 |
| | | | Sn | 17:00.20 | -0.56 |
| DRGR | 132.5 | 42 | PnD | 18:16:44.69 | -0.18 |
| | | | Sn | 17:00.00 | -2.25 |
| HERR | 132.6 | 149 | PnD | 18:16:45.41 | 0.53 |
| | | | Sn | 17:00.00 | -2.26 |
| LTVH | 166.3 | 9 | eSn | 18:17:10.49 | 0.75 |
| PKS6 | 171.7 | 297 | ePnD | 18:16:49.63 | -0.12 |
| | | | eSn | 17:09.74 | -1.20 |
| LOT | 179.9 | 107 | PnC | 18:16:52.35 | 1.57 |
| | | | Sn | 17:15.50 | 2.73 |
| CJR | 181.0 | 60 | PnC | 18:16:53.27 | 2.35 |
| | | | Sn | 17:15.00 | 1.98 |
| SRE | 189.6 | 137 | PnD | 18:16:53.83 | 1.85 |
| | | | Sn | 17:18.00 | 3.09 |
| MORH | 227.8 | 279 | ePnC | 18:16:55.68 | -1.08 |
| | | | eSn | 17:28.11 | 4.70* |
| PKSM | 228.0 | 279 | ePnC | 18:16:55.85 | -0.93 |
| | | | eSn | 17:28.05 | 4.61 |
| BMR | 245.9 | 37 | PnC | 18:17:00.55 | 1.54 |
| | | | Sn | 17:29.00 | 1.59 |
| ARR | 247.4 | 104 | PnD | 18:17:01.16 | 1.96 |
| | | | Sn | 17:30.80 | 3.05 |
| ARCR | 251.6 | 59 | PnC | 18:17:01.54 | 1.83 |
| | | | Sn | 17:30.70 | 2.03 |
| PKSV | 256.4 | 270 | ePnD | 18:17:05.55 | 5.24 |
| PSZ | 256.8 | 330 | ePnD | 18:16:59.94 | -0.43 |
| | | | eSn | 17:26.57 | -3.26 |
| VOIR | 277.3 | 101 | PnC | 18:17:05.49 | 2.57 |
| | | | Sn | 17:37.20 | 2.82 |
| DOPR | 297.4 | 89 | PnC | 18:17:07.02 | 1.60 |
| | | | Sn | 17:40.90 | 2.07* |
| PKST | 308.8 | 299 | ePn | 18:17:06.54 | -0.32* |
| | | | eSn | 17:50.02 | 8.64* |
| HUMR | 309.7 | 120 | Sn | 18:17:44.40 | 2.83* |
| | | | PnC | 18:17:12.92 | 2.43* |
| BURA | 338.0 | 56 | Sn | 17:50.00 | 2.15* |
| | | | ePn | 18:17:22.40 | 11.58* |
| KOLS | 340.7 | 9 | PnD | 18:17:13.39 | 2.02* |
| | | | Sn | 17:51.50 | 2.09* |
| MLR | 345.0 | 98 | ePn | 18:17:12.60 | 0.15* |
| | | | eSn | 17:49.80 | -1.54* |
| LANS | 393.3 | 336 | ePn | 18:17:17.40 | 0.02* |
| MODS | 424.8 | 310 | eSn | 18:18:02.00 | -5.12* |
| | | | ePn | 18:17:40.60 | -0.63* |
| KRLC | 584.5 | 322 | eSn | 18:41.70 | -0.86* |



Földrengés paraméterek

Hypocenter Parameters

457.

2014-11-26 time: 12:29:00.58 UTC ML= 0.6
 lat: 47.210N lon: 18.312E h= 0.0 km
 erh= 2.5km erz= 699km
 nr= 9 gap=151 rms=0.52
 Locality: Székesfehérvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| CSKK | 17.5 | 347 | ePg | 12:29:03.48 | -0.22 |
| | | | eSg | 29:05.68 | -0.46 |
| PKSG | 21.1 | 16 | ePg | 12:29:04.64 | 0.30 |
| | | | eSg | 29:07.80 | 0.52 |
| PKST | 21.8 | 285 | ePg | 12:29:03.89 | -0.57 |
| | | | eSg | 29:07.00 | -0.49 |
| MPLH | 58.8 | 266 | ePg | 12:29:11.48 | 0.41 |
| | | | eSg | 29:20.73 | 1.48 |
| PKSM | 113.8 | 167 | ePg | 12:29:20.66 | -0.23 |

458.

2014-11-28 time: 13:42:10.04 UTC ML= 0.6
 lat: 47.487N lon: 18.038E h= 0.0 km
 erh= 4.6km erz= 607km
 nr= 6 gap=291 rms=0.35
 Locality: Kisbér
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 21.7 | 130 | ePg | 13:42:14.39 | 0.47 |
| | | | eSg | 42:17.31 | 0.36 |
| PKST | 25.4 | 181 | ePg | 13:42:14.52 | -0.06 |
| | | | eSg | 42:17.92 | -0.20 |
| PKSG | 28.6 | 112 | ePg | 13:42:15.05 | -0.10 |
| | | | eSg | 42:18.44 | -0.70 |

459.

2014-11-30 time: 2:41:30.04 UTC ML= 0.9
 lat: 47.525N lon: 18.883E h= 10.0 km
 erh= 1.0km erz= 0.7km
 nr= 11 gap=156 rms=0.19
 Locality: Budakeszi
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| BUD | 11.6 | 113 | ePgD | 2:41:32.77 | 0.00 |
| | | | eSg | 41:34.58 | -0.32 |
| PKSG | 39.9 | 248 | ePg | 2:41:37.29 | -0.10 |
| | | | eSg | 41:42.82 | -0.30 |
| PENC | 42.1 | 45 | ePg | 2:41:37.65 | -0.12 |
| | | | eSg | 41:45.58 | 1.78* |
| CSKK | 50.2 | 249 | eSg | 2:41:46.25 | -0.07 |
| PKST | 70.5 | 245 | ePg | 2:41:42.88 | 0.12 |
| | | | eSg | 41:53.34 | 0.66 |
| PSZ | 87.6 | 60 | eSg | 2:41:58.26 | 0.18 |
| MORH | 146.6 | 187 | eSn | 2:42:12.79 | -0.03 |
| PKSM | 147.1 | 187 | eSn | 2:42:13.01 | 0.08 |

460.

2014-11-30 time: 9:56:47.16 UTC ML= 1.4
 lat: 45.961N lon: 17.009E h= 12.7 km
 erh= 2.8km erz= 2.5km
 nr= 13 gap=116 rms=0.52
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| KOGS | 79.8 | 313 | ePg | 9:57:01.83 | 0.25 |
| | | | eSg | 57:13.54 | 0.71 |
| PTJ | 81.8 | 265 | ePg | 9:57:01.88 | -0.07 |
| | | | eSg | 57:12.04 | -1.44 |

| | | | | | |
|------|-------|-----|-----|------------|-------|
| PKSV | 96.8 | 95 | eP* | 9:57:04.20 | -0.24 |
| CRES | 121.4 | 263 | ePn | 9:57:07.60 | -0.12 |
| | | | eSn | 57:23.10 | -0.65 |
| PKSM | 129.3 | 78 | ePn | 9:57:09.00 | 0.30 |
| | | | eSn | 57:23.76 | -1.74 |
| MORH | 129.6 | 77 | ePn | 9:57:09.10 | 0.36 |
| | | | eSn | 57:25.49 | -0.07 |
| BLY | 135.4 | 174 | eSn | 9:57:27.90 | 1.04 |
| ARSA | 183.1 | 322 | eSn | 9:57:35.50 | -1.93 |

461.

2014-12-02 time: 10:26:53.28 UTC ML= 1.4
 lat: 47.974N lon: 19.978E h= 6.9 km
 erh= 2.2km erz= 1.3km
 nr= 9 gap=191 rms=0.34
 Locality: Mátramindszent
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PSZ | 8.8 | 225 | ePgC | 10:26:54.99 | -0.28 |
| | | | eSg | 26:57.40 | 0.57 |
| PENC | 55.9 | 249 | ePg | 10:27:03.08 | -0.26 |
| | | | eSg | 27:12.07 | 0.88 |
| KECS | 68.0 | 34 | eSg | 10:27:15.10 | 0.09 |
| VYHS | 102.7 | 304 | ePg | 10:27:12.00 | 0.35 |
| | | | eSg | 27:25.40 | -0.58 |
| PKSG | 135.6 | 241 | eSn | 10:27:34.31 | -0.02 |
| PKST | 166.3 | 241 | eSn | 10:27:41.32 | 0.18 |

462.

2014-12-02 time: 11:12:00.11 UTC ML= 2.2
 lat: 48.903N lon: 20.506E h= 0.0 km
 erh= 2.3km erz= 3.6km
 nr= 13 gap=159 rms=0.72
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|--------|
| KECS | 46.7 | 182 | ePg | 11:12:07.60 | -0.85 |
| | | | eSg | 12:14.40 | -0.56 |
| CRVS | 70.1 | 90 | ePg | 11:12:12.80 | 0.18 |
| | | | eSg | 12:21.40 | -0.98 |
| LANS | 80.7 | 290 | eSg | 11:12:25.70 | -0.07 |
| PSZ | 118.5 | 202 | ePg | 11:12:21.69 | 0.42 |
| | | | eSg | 12:37.13 | -0.64 |
| KOLS | 129.6 | 89 | ePg | 11:12:23.60 | 0.35 |
| | | | eSg | 12:40.40 | -0.90 |
| VYHS | 131.1 | 250 | ePn | 11:12:23.20 | -0.28 |
| | | | eSn | 12:38.20 | -3.51* |
| PENC | 153.4 | 216 | ePn | 11:12:27.72 | 1.45 |
| | | | eSn | 12:48.08 | 1.40 |

463.

2014-12-02 time: 21:28:25.61 UTC ML= 0.1
 lat: 47.477N lon: 18.300E h= 0.2 km
 erh= 3.5km erz= 203km
 nr= 6 gap=284 rms=0.31
 Locality: Oroszlány
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PKSG | 11.6 | 144 | ePgD | 21:28:27.80 | 0.11 |
| | | | eSg | 28:28.86 | -0.45 |
| CSKK | 13.0 | 193 | ePgC | 21:28:28.30 | 0.37 |
| | | | eSg | 28:29.99 | 0.26 |
| PKST | 31.4 | 220 | ePgD | 21:28:31.07 | -0.16 |
| | | | eSg | 28:35.09 | -0.52 |

Hypocenter Parameters

Földrengés paraméterek

464.

2014-12-03 time: 9:56:22.56 UTC ML= 1.7
 lat: 48.613N lon: 20.742E h= 0.0 km
 erh= 1.9km erz= 3.0km
 nr= 8 gap=160 rms=0.26
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|--------|
| KECS | 23.8 | 233 | ePg | 9:56:26.60 | -0.22 |
| | | | eSg | 56:30.40 | 0.27 |
| CRVS | 61.9 | 59 | ePg | 9:56:33.80 | 0.18 |
| | | | eSg | 56:41.70 | -0.54 |
| PSZ | 99.6 | 219 | ePg | 9:56:40.65 | 0.29 |
| | | | eSg | 56:53.70 | -0.53 |
| LANS | 111.0 | 303 | ePg | 9:56:42.40 | 0.02 |
| VYHS | 141.3 | 265 | ePn | 9:56:47.20 | -0.02 |
| | | | eSn | 57:04.40 | -2.05* |

465.

2014-12-03 time: 12:51:41.65 UTC ML= 0.8
 lat: 47.462N lon: 18.118E h= 0.0 km
 erh= 6.5km erz= ***km
 nr= 8 gap=237 rms=0.84
 Locality: Bakonyvárkony
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| CSKK | 15.3 | 136 | ePg | 12:51:44.35 | -0.03 |
| | | | eSg | 51:47.12 | 0.60 |
| PKSG | 22.0 | 111 | ePg | 12:51:45.41 | -0.16 |
| | | | eSg | 51:48.70 | 0.07 |
| PKST | 23.4 | 196 | ePgD | 12:51:44.96 | -0.87 |
| | | | eSg | 51:47.93 | -1.16 |
| MPLH | 54.5 | 233 | ePg | 12:51:52.10 | 0.73 |
| | | | eSg | 52:01.32 | 2.36 |

466.

2014-12-04 time: 8:23:35.47 UTC ML= 1.0
 lat: 47.457N lon: 18.396E h= 0.0 km
 erh= 2.3km erz= 269km
 nr= 6 gap=312 rms=0.16
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.3 | 183 | ePgC | 8:23:36.93 | 0.16 |
| | | | eSg | 23:37.44 | -0.34 |
| CSKK | 14.6 | 224 | ePgC | 8:23:37.96 | -0.12 |
| | | | eSg | 23:40.31 | 0.19 |
| PKST | 35.1 | 231 | ePg | 8:23:41.73 | -0.01 |
| | | | eSg | 23:46.64 | 0.01 |

467.

2014-12-04 time: 8:23:57.23 UTC ML= 0.9
 lat: 47.471N lon: 18.403E h= 0.0 km
 erh= 1.5km erz= 148km
 nr= 5 gap=316 rms=0.07
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 8.9 | 186 | ePgC | 8:23:58.77 | -0.04 |
| | | | eSg | 24:00.06 | 0.01 |
| CSKK | 16.1 | 222 | ePgC | 8:24:00.21 | 0.10 |
| | | | eSg | 24:02.31 | -0.04 |
| PKST | 36.5 | 230 | ePg | 8:24:03.68 | -0.06 |

468.

2014-12-05 time: 11:28:26.27 UTC ML= 1.6
 lat: 48.296N lon: 21.207E h= 13.0 km
 erh= 1.9km erz= 1.3km
 nr= 8 gap=199 rms=0.15
 Locality: Abaújkér
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| KECS | 57.4 | 291 | ePg | 11:28:36.70 | -0.07 |
| | | | eSg | 28:44.90 | -0.06 |
| CRVS | 70.0 | 16 | ePg | 11:28:39.00 | 0.02 |
| | | | eSg | 28:49.00 | 0.11 |
| KOLS | 105.8 | 48 | ePn | 11:28:44.60 | -0.24 |
| | | | eSn | 28:59.40 | 0.08 |
| PSZ | 106.4 | 247 | ePn | 11:28:45.19 | 0.28 |
| | | | eSn | 28:59.36 | -0.09 |

469.

2014-12-10 time: 7:05:52.45 UTC ML= 0.8
 lat: 47.456N lon: 18.423E h= 0.0 km
 erh= 5.3km erz= 542km
 nr= 5 gap=326 rms=0.25
 Locality: Várgesztes
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 7.5 | 199 | ePgC | 7:05:53.85 | 0.06 |
| | | | eSg | 05:54.72 | -0.12 |
| CSKK | 16.0 | 230 | ePgD | 7:05:55.18 | -0.13 |
| | | | eSg | 05:57.34 | -0.20 |
| PKST | 36.6 | 233 | eSg | 7:06:04.80 | 0.72 |

470.

2014-12-10 time: 13:14:21.25 UTC ML= 2.3
 lat: 45.529N lon: 16.052E h= 8.1 km
 erh= 4.3km erz= 2.6km
 nr= 28 gap=226 rms=1.02
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|-------------|-------|
| PTJ | 41.9 | 350 | ePg | 13:14:28.91 | 0.04 |
| | | | eSg | 14:34.84 | 0.02 |
| KOGS | 103.3 | 9 | ePg | 13:14:40.11 | 0.35 |
| | | | eSg | 14:54.80 | 0.60 |
| SOKA | 150.1 | 328 | Pn | 13:14:45.59 | -0.38 |
| | | | Sn | 15:04.90 | -0.35 |
| OBKA | 159.5 | 313 | Pn | 13:14:48.74 | 1.60 |
| | | | Sn | 15:07.96 | 0.63 |
| PKSV | 175.9 | 77 | ePn | 13:14:50.73 | 1.54 |
| | | | eSn | 15:11.40 | 0.42 |
| ARSA | 195.7 | 348 | Pn | 13:14:51.67 | 0.02 |
| | | | Sn | 15:15.82 | 0.46 |
| PKSM | 214.9 | 69 | ePn | 13:14:52.35 | -1.70 |
| | | | eSn | 15:23.11 | 3.48 |
| MORH | 215.2 | 69 | ePn | 13:14:51.74 | -2.36 |
| | | | eSn | 15:22.90 | 3.19 |
| MPLH | 215.4 | 32 | ePn | 13:14:52.44 | -1.67 |
| MYKA | 223.0 | 303 | Pn | 13:14:54.94 | -0.13 |
| | | | Sn | 15:19.54 | -1.90 |
| SOP | 242.6 | 9 | ePn | 13:14:57.93 | 0.42 |
| PKST | 245.4 | 38 | ePn | 13:14:56.81 | -1.05 |
| | | | eSn | 15:24.72 | -1.69 |
| CONA | 267.1 | 357 | Pn | 13:15:00.84 | 0.27 |
| | | | Sn | 15:31.08 | -0.15 |
| KBA | 270.5 | 310 | Pn | 13:15:00.58 | -0.41 |
| | | | Sn | 15:31.58 | -0.40 |
| MOA | 291.9 | 332 | Pn | 13:15:04.43 | 0.77 |
| | | | Sn | 15:36.16 | -0.57 |

Földrengés paraméterek

Hypocenter Parameters

471.

2014-12-11 time: 4:53:15.72 UTC ML= 1.3
 lat: 47.322N lon: 19.637E h= 13.0 km
 erh= 2.7km erz= 2.7km
 nr= 11 gap=119 rms=0.70
 Locality: Tápiószentmárton
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| PKS7 | 47.3 | 230 | ePg | 4:53:25.81 | 1.33 |
| | | | eSg | 53:30.72 | -0.60 |
| BSZH | 47.7 | 93 | ePg | 4:53:24.09 | -0.45 |
| | | | eSg | 53:28.70 | -2.73 |
| PENC | 58.5 | 333 | eSg | 4:53:34.64 | -0.14 |
| PSZ | 69.0 | 16 | ePg | 4:53:28.55 | 0.29 |
| | | | eSg | 53:37.81 | -0.24 |
| PKSG | 94.5 | 275 | eP*D | 4:53:32.65 | 0.02 |
| | | | eS* | 53:44.72 | -1.10 |
| PKST | 121.5 | 267 | eSn | 4:53:51.42 | -0.82 |
| PKSM | 145.0 | 212 | eSn | 4:53:58.10 | 0.63 |

472.

2014-12-11 time: 8:20:42.28 UTC ML= 0.9
 lat: 47.581N lon: 18.486E h= 0.0 km
 erh= 3.1km erz= 276km
 nr= 6 gap=335 rms=0.17
 Locality: Vértestolna
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 22.2 | 199 | ePg | 8:20:46.34 | 0.09 |
| | | | eSg | 20:49.37 | 0.03 |
| CSKK | 29.6 | 215 | ePg | 8:20:47.36 | -0.20 |
| | | | eSg | 20:51.43 | -0.25 |
| PKST | 49.4 | 224 | ePg | 8:20:51.32 | 0.21 |
| | | | eSg | 20:58.05 | 0.06 |

473.

2014-12-11 time: 10:00:04.75 UTC ML= 1.6
 lat: 47.889N lon: 19.088E h= 0.0 km
 erh= 7.1km erz= ***km
 nr= 6 gap=218 rms=0.67
 Locality: Berkenye
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PENC | 18.1 | 127 | ePg | 10:00:07.57 | -0.42 |
| | | | eSg | 00:10.62 | 0.10 |
| PSZ | 60.4 | 87 | ePg | 10:00:14.90 | -0.64 |
| | | | eSg | 00:24.24 | 0.29 |
| VYHS | 69.9 | 344 | ePg | 10:00:18.50 | 1.27 |
| | | | eSg | 00:26.50 | -0.46 |

474.

2014-12-12 time: 13:41:30.21 UTC ML= 1.5
 lat: 48.304N lon: 19.744E h= 0.0 km
 erh= 5.0km erz= ***km
 nr= 6 gap=143 rms=0.82
 Locality: Slovakia
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 44.3 | 165 | ePg | 13:41:38.23 | 0.11 |
| | | | eSg | 41:44.46 | 0.17 |
| KECS | 58.5 | 70 | ePg | 13:41:39.20 | -1.45 |
| | | | eSg | 41:50.00 | 1.21 |
| VYHS | 70.5 | 287 | ePg | 13:41:42.80 | 0.01 |
| | | | eSg | 41:53.50 | 0.89 |

475.

2014-12-13 time: 10:16:37.80 UTC ML= 1.5
 lat: 48.044N lon: 19.573E h= 0.0 km
 erh= 4.3km erz= ***km
 nr= 8 gap=102 rms=1.01
 Locality: Nagylóc
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|-------------|-------|
| PSZ | 27.8 | 120 | ePgD | 10:16:41.84 | -0.92 |
| | | | eSg | 16:45.90 | -0.73 |
| PENC | 35.7 | 218 | ePgC | 10:16:44.05 | -0.11 |
| | | | eSg | 16:49.91 | 0.78 |
| VYHS | 74.1 | 312 | ePg | 10:16:52.20 | 1.17 |
| | | | eSg | 16:59.80 | -1.55 |
| KECS | 83.5 | 54 | ePg | 10:16:54.20 | 1.50 |
| | | | eSg | 17:03.60 | -0.73 |

476.

2014-12-15 time: 8:44:23.43 UTC ML= 1.0
 lat: 47.373N lon: 18.478E h= 0.0 km
 erh= 7.6km erz= 829km
 nr= 6 gap=322 rms=0.48
 Locality: Csákvár
 Comments: probably explosion

| sta | dist | azm | phase | hr mn sec | res |
|------|------|-----|-------|------------|-------|
| PKSG | 6.9 | 288 | ePgC | 8:44:24.74 | 0.08 |
| | | | eSg | 44:25.96 | 0.33 |
| CSKK | 16.4 | 266 | ePgD | 8:44:26.01 | -0.36 |
| | | | eSg | 44:27.36 | -1.30 |
| PKST | 35.8 | 249 | ePg | 8:44:30.21 | 0.38 |
| | | | eSg | 44:35.32 | 0.49 |

477.

2014-12-16 time: 1:52:36.72 UTC ML= 1.5
 lat: 48.387N lon: 19.122E h= 8.5 km
 erh= 1.9km erz= 2.0km
 nr= 22 gap= 77 rms=0.72
 Locality: Slovakia
 Comments:

| sta | dist | azm | phase | hr mn sec | res |
|------|-------|-----|-------|------------|-------|
| VYHS | 24.3 | 300 | ePg | 1:52:41.50 | 0.19 |
| | | | eSg | 52:44.60 | -0.29 |
| PENC | 67.3 | 170 | ePg | 1:52:49.67 | 0.83 |
| | | | eSg | 52:57.50 | -0.79 |
| PSZ | 77.6 | 132 | ePg | 1:52:50.90 | 0.25 |
| | | | eSg | 53:00.18 | -1.34 |
| SRO | 87.7 | 223 | ePg | 1:52:52.10 | -0.35 |
| | | | eSg | 53:02.60 | -2.11 |
| LANS | 88.7 | 17 | ePg | 1:52:52.80 | 0.17 |
| | | | eSg | 53:05.60 | 0.56 |
| KECS | 101.5 | 84 | ePg | 1:52:54.40 | -0.51 |
| | | | eSg | 53:08.00 | -1.10 |
| PKSG | 123.4 | 206 | ePn | 1:52:58.29 | 0.24 |
| | | | eSn | 53:12.57 | -2.11 |
| SMOL | 126.0 | 276 | ePn | 1:52:58.90 | 0.52 |
| | | | eSn | 53:14.20 | -1.08 |
| CSKK | 130.8 | 210 | ePn | 1:52:59.60 | 0.63 |
| | | | eSn | 53:16.36 | 0.04 |
| MODS | 136.6 | 269 | eSn | 1:53:15.10 | -2.53 |
| PKST | 149.5 | 213 | ePn | 1:53:01.86 | 0.56 |
| | | | eSn | 53:20.66 | 0.18 |
| MPLH | 179.9 | 221 | eSn | 1:53:27.83 | 0.61 |

Hypocenter Parameters

Földrengés paraméterek

478.

2014-12-16 time: 11:41:56.78 UTC ML= 0.8
 lat: 47.147N lon: 18.400E h= 0.0 km
 erh= 7.9km erz= ***km
 nr= 8 gap=274 rms=0.90
 Locality: Sárszentmihály
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| CSKK | 26.2 | 336 | ePgD | 11:42:01.40 | | | -0.06 |
| | | | eSg | | 42:05.03 | | -0.09 |
| PKSG | 27.2 | 358 | ePg | 11:42:02.13 | | | 0.50 |
| | | | eSg | | 42:05.68 | | 0.26 |
| PKST | 30.4 | 294 | ePg | 11:42:00.80 | | | -1.41 |
| | | | eSg | | 42:05.05 | | -1.39 |
| MPLH | 65.3 | 272 | ePg | 11:42:09.11 | | | 0.66 |
| | | | eSg | | 42:19.31 | | 1.76 |

479.

2014-12-17 time: 11:15:21.54 UTC ML= 0.9
 lat: 47.578N lon: 18.514E h= 0.0 km
 erh= 3.4km erz= 269km
 nr= 6 gap=339 rms=0.16
 Locality: Tarján
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| PKSG | 22.7 | 204 | ePgC | 11:15:25.52 | | | -0.07 |
| | | | eSg | | 15:28.82 | | 0.07 |
| CSKK | 30.6 | 219 | ePg | 11:15:26.88 | | | -0.13 |
| | | | eSg | | 15:31.34 | | 0.07 |
| PKST | 50.7 | 226 | ePg | 11:15:30.89 | | | 0.30 |
| | | | eSg | | 15:37.47 | | -0.18 |

480.

2014-12-18 time: 7:40:12.46 UTC ML= 0.5
 lat: 47.460N lon: 18.221E h= 0.0 km
 erh= 1.4km erz= 199km
 nr= 6 gap=268 rms=0.11
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| CSKK | 11.2 | 164 | ePgD | 7:40:14.68 | | | 0.22 |
| | | | eSg | | 40:15.99 | | -0.02 |
| PKSG | 14.9 | 121 | ePgD | 7:40:15.10 | | | -0.02 |
| | | | eSg | | 40:17.07 | | -0.13 |
| PKST | 26.4 | 212 | ePgD | 7:40:17.10 | | | -0.08 |
| | | | eSg | | 40:20.82 | | -0.03 |

481.

2014-12-18 time: 7:49:30.97 UTC ML= 0.2
 lat: 47.468N lon: 18.226E h= 0.0 km
 erh= 2.4km erz= 342km
 nr= 6 gap=272 rms=0.20
 Locality: Bokod
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| CSKK | 11.9 | 167 | ePg | 7:49:33.50 | | | 0.40 |
| | | | eSg | | 49:34.80 | | 0.04 |
| PKSG | 15.1 | 124 | ePgD | 7:49:33.65 | | | -0.01 |
| | | | eSg | | 49:35.53 | | -0.22 |
| PKST | 27.3 | 212 | ePg | 7:49:35.66 | | | -0.19 |
| | | | eSg | | 49:39.63 | | -0.03 |

482.

2014-12-20 time: 23:04:22.63 UTC ML= 1.6
 lat: 45.878N lon: 18.497E h= 10.0 km
 erh= 3.2km erz= 2.4km
 nr= 10 gap=228 rms=0.39
 Locality: Márok
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|-------------|----------|-----|-------|
| PKSV | 19.1 | 273 | ePgD | 23:04:26.62 | | | 0.15 |
| | | | eSg | | 04:28.95 | | -0.52 |
| PKSM | 38.7 | 17 | ePgD | 23:04:29.30 | | | -0.47 |
| | | | eSg | | 04:33.62 | | -1.72 |
| PKS9 | 80.6 | 348 | ePg | 23:04:37.51 | | | 0.38 |
| | | | eSg | | 04:48.86 | | 0.42 |
| PKS2 | 87.8 | 39 | ePg | 23:04:38.34 | | | -0.07 |
| | | | eSg | | 04:51.55 | | 0.83 |
| PKS6 | 114.9 | 46 | ePnD | 23:04:42.55 | | | -0.17 |
| | | | eSn | | 04:59.07 | | 0.68 |

483.

2014-12-21 time: 15:01:27.65 UTC ML=-0.1
 lat: 47.384N lon: 18.207E h= 9.7 km
 erh= 0.6km erz= 0.2km
 nr= 6 gap=223 rms=0.01
 Locality: Mór
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| CSKK | 4.7 | 119 | ePgC | 15:01:29.58 | | | 0.02 |
| | | | eSg | | 01:31.05 | | -0.01 |
| PKSG | 13.9 | 86 | ePg | 15:01:30.67 | | | 0.00 |
| | | | eSg | | 01:33.03 | | 0.00 |
| PKST | 19.0 | 223 | ePgC | 15:01:31.45 | | | -0.01 |
| | | | eSg | | 01:34.44 | | 0.01 |

484.

2014-12-22 time: 6:49:38.27 UTC ML= 0.5
 lat: 47.428N lon: 17.986E h= 0.0 km
 erh= 4.8km erz= 609km
 nr= 6 gap=288 rms=0.35
 Locality: Ácsteszer
 Comments: probably explosion

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|------------|----------|-----|-------|
| PKST | 19.1 | 169 | ePg | 6:49:41.59 | | | -0.09 |
| | | | eSg | | 49:44.56 | | 0.22 |
| CSKK | 21.9 | 109 | ePg | 6:49:42.44 | | | 0.26 |
| | | | eSg | | 49:44.48 | | -0.75 |
| PKSG | 30.8 | 97 | ePgD | 6:49:43.56 | | | -0.20 |
| | | | eSg | | 49:48.60 | | 0.55 |

485.

2014-12-23 time: 13:12:02.68 UTC ML= 3.3
 lat: 45.510N lon: 20.973E h= 5.3 km
 erh= 2.1km erz= 1.6km
 nr= 42 gap=137 rms=0.93
 Locality: Romania
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|------|-----|-------|-------------|----------|-----|-------|
| BANR | 19.0 | 138 | PgC | 13:12:07.04 | | | 0.83 |
| | | | Sg | | 12:10.60 | | 1.63 |
| BZS | 51.6 | 77 | PgD | 13:12:11.99 | | | 0.04 |
| | | | Sg | | 12:18.00 | | -1.18 |
| AMBH | 95.3 | 348 | ePgD | 13:12:20.01 | | | 0.28 |
| | | | eSg | | 12:33.02 | | -0.01 |
| SIRR | 99.6 | 32 | PgC | 13:12:20.05 | | | -0.45 |
| | | | PgD | 13:12:20.08 | | | -0.43 |
| MDVR | 99.7 | 144 | PgD | 13:12:20.08 | | | -0.43 |
| | | | Sg | | 12:32.60 | | -1.82 |

Földrengés paraméterek

| | | | | | |
|------|-------|-----|------|-------------|--------|
| HERR | 133.2 | 122 | PnC | 13:12:25.38 | -0.26 |
| | | | Sn | 12:42.30 | -1.25 |
| GZR | 141.7 | 95 | PnD | 13:12:25.89 | -0.81 |
| | | | Sn | 12:44.20 | -1.23 |
| DEV | 156.0 | 75 | Sn | 13:12:48.10 | -0.50 |
| PKS6 | 163.0 | 318 | ePnC | 13:12:28.98 | -0.37 |
| RMGR | 164.9 | 125 | PnD | 13:12:30.40 | 0.81 |
| | | | Sn | 12:52.80 | 2.22 |
| PKS2 | 174.6 | 309 | ePnC | 13:12:30.68 | -0.12 |
| PKSN | 176.2 | 331 | eSn | 13:12:55.39 | 2.30 |
| PKSM | 197.2 | 293 | ePnD | 13:12:33.04 | -0.57 |
| | | | eSn | 13:01.53 | 3.79 |
| SRE | 199.4 | 118 | PnC | 13:12:35.32 | 1.43 |
| PKSV | 216.0 | 281 | ePnC | 13:12:35.30 | -0.67 |
| | | | eSn | 13:08.51 | 6.58* |
| LOT | 218.8 | 92 | PnC | 13:12:37.22 | 0.91 |
| | | | Sn | 13:04.20 | 1.66 |
| LTVH | 220.3 | 19 | ePnD | 13:12:37.13 | 0.64 |
| PKS7 | 220.7 | 321 | ePnC | 13:12:36.89 | 0.34 |
| | | | eSn | 13:07.78 | 4.81* |
| PKS9 | 240.4 | 300 | ePnD | 13:12:38.65 | -0.36 |
| | | | eSn | 13:05.63 | -1.72 |
| CJR | 243.1 | 57 | PnD | 13:12:38.90 | -0.44 |
| | | | Sn | 13:08.70 | 0.77 |
| BUD | 265.6 | 326 | ePnD | 13:12:41.60 | -0.54 |
| MDB | 273.9 | 75 | PnD | 13:12:44.22 | 1.03 |
| | | | Sn | 13:15.40 | 0.62 |
| PSZ | 280.1 | 343 | ePnD | 13:12:43.14 | -0.82 |
| TIH | 283.5 | 303 | ePnD | 13:12:44.12 | -0.26 |
| PENC | 284.7 | 333 | ePn | 13:12:44.00 | -0.52 |
| ARR | 286.9 | 93 | PnC | 13:12:45.94 | 1.14 |
| | | | Sn | 13:19.30 | 1.65 |
| PKSG | 288.3 | 317 | ePnD | 13:12:44.34 | -0.64 |
| | | | eSn | 13:26.38 | 8.41* |
| CSKK | 293.1 | 315 | ePn | 13:12:45.45 | -0.12 |
| | | | eSn | 13:26.56 | 7.53* |
| PKST | 298.2 | 311 | ePnD | 13:12:46.05 | -0.16 |
| BMR | 308.6 | 39 | PnD | 13:12:47.40 | -0.11* |
| | | | Sn | 13:23.30 | 0.83* |
| VOIR | 318.9 | 91 | PnC | 13:12:50.00 | 1.21* |
| | | | Sn | 13:26.10 | 1.34* |
| MPLH | 322.4 | 305 | ePnD | 13:12:49.37 | 0.14* |
| KECS | 332.6 | 354 | ePn | 13:12:49.10 | -1.40* |
| | | | eSn | 13:27.20 | -0.60* |
| BEHE | 342.3 | 288 | ePn | 13:12:54.32 | 2.61* |
| DOPR | 347.4 | 82 | PnC | 13:12:53.51 | 1.16* |
| EGYH | 351.0 | 307 | ePnD | 13:12:49.23 | -3.56* |
| PDG | 368.9 | 202 | PnC | 13:12:56.10 | 1.07* |
| VYHS | 369.4 | 334 | ePn | 13:12:54.60 | -0.49* |
| CRVS | 378.9 | 6 | ePn | 13:12:56.00 | -0.28* |
| OZUR | 379.8 | 80 | PnD | 13:12:57.17 | 0.78* |
| MLR | 388.6 | 90 | PnD | 13:12:59.18 | 1.69* |
| KOLS | 393.1 | 15 | ePn | 13:12:58.70 | 0.66* |
| SOP | 415.7 | 306 | ePnD | 13:13:00.46 | -0.40* |
| ZST | 419.9 | 315 | e n | 13:13:00.70 | -0.69* |
| MODS | 424.9 | 319 | ePn | 13:13:00.10 | -1.91* |
| | | | eSn | 13:44.50 | -3.78* |
| BIZ | 426.6 | 68 | PnC | 13:13:03.43 | 1.21* |
| VRI | 450.0 | 85 | PnD | 13:13:05.53 | 0.39* |
| ARSA | 461.8 | 295 | Pn | 13:13:06.13 | -0.48* |
| | | | Sn | 13:53.41 | -3.06* |
| CONA | 474.3 | 305 | Pn | 13:13:07.16 | -1.01* |
| | | | Sn | 13:56.12 | -3.14* |
| SOKA | 477.4 | 286 | Pn | 13:13:07.45 | -1.10* |
| | | | Sn | 13:56.24 | -3.70* |
| OBKA | 509.8 | 283 | Pn | 13:13:12.27 | -0.33* |
| | | | Sn | 14:05.21 | -1.92* |
| VRAC | 536.3 | 322 | PnC | 13:13:14.94 | -0.96* |
| MOA | 575.3 | 297 | Pn | 13:13:20.59 | -0.17* |
| | | | Sn | 14:20.35 | -1.32* |
| MYKA | 580.7 | 282 | Pn | 13:13:22.89 | 1.45* |
| KHC | 688.9 | 306 | ePn | 13:13:33.90 | -1.03* |
| | | | eSn | 14:41.60 | -5.29* |

Hypocenter Parameters

486.

2014-12-27 time: 0:57:04.17 UTC ML= 1.5
 lat: 46.188N lon: 16.547E h= 10.0 km
 erh= 1.9km erz= 1.6km
 nr= 31 gap=138 rms=0.64
 Locality: Croatia
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| KOGS | 36.9 | 322 | iPg | 0:57:11.29 | | | 0.30 |
| | | | iSg | | 57:16.75 | | 0.44 |
| PTJ | 55.7 | 235 | ePg | 0:57:14.26 | | | -0.01 |
| | | | eSg | | 57:21.91 | | -0.25 |
| ZAG | 58.5 | 227 | ePg | 0:57:15.20 | | | 0.43 |
| | | | eSg | | 57:23.91 | | 0.87 |
| GOLS | 74.0 | 255 | iPg | 0:57:17.56 | | | 0.06 |
| | | | eSg | | 57:26.84 | | -1.06 |
| GCIS | 79.6 | 243 | iPg | 0:57:18.52 | | | 0.02 |
| DOBS | 83.4 | 267 | iPg | 0:57:19.07 | | | -0.09 |
| GROS | 86.0 | 291 | iPg | 0:57:19.32 | | | -0.31 |
| LEGS | 98.8 | 254 | ePg | 0:57:21.51 | | | -0.38 |
| SOKA | 128.5 | 295 | Pn | 0:57:26.21 | | | 0.26 |
| | | | Sn | | 57:42.51 | | -0.43 |
| TIH | 130.1 | 53 | ePn | 0:57:25.54 | | | -0.60 |
| | | | eSn | | 57:42.47 | | -0.82 |
| MPLH | 133.0 | 35 | ePn | 0:57:25.27 | | | -1.24 |
| | | | eSn | | 57:44.26 | | 0.33 |
| PKS9 | 140.4 | 72 | eSn | 0:57:46.02 | | | 0.44 |
| ARSA | 141.7 | 326 | Pn | 0:57:27.21 | | | -0.38 |
| | | | Sn | | 57:44.47 | | -1.39 |
| OBKA | 157.9 | 283 | Pn | 0:57:30.21 | | | 0.60 |
| | | | Sn | | 57:50.12 | | 0.66 |
| PKSM | 161.7 | 89 | eSn | 0:57:50.91 | | | 0.61 |
| PKST | 164.6 | 44 | ePn | 0:57:29.01 | | | -1.44 |
| | | | eSn | | 57:52.99 | | 2.04 |
| SOP | 166.3 | 0 | ePn | 0:57:31.00 | | | 0.35 |
| | | | eSn | | 57:52.89 | | 1.58 |
| PKSG | 194.2 | 46 | ePn | 0:57:36.75 | | | 2.61 |
| CONA | 200.4 | 345 | Pn | 0:57:36.55 | | | 1.64 |
| | | | Sn | | 57:59.49 | | 0.61 |

487.

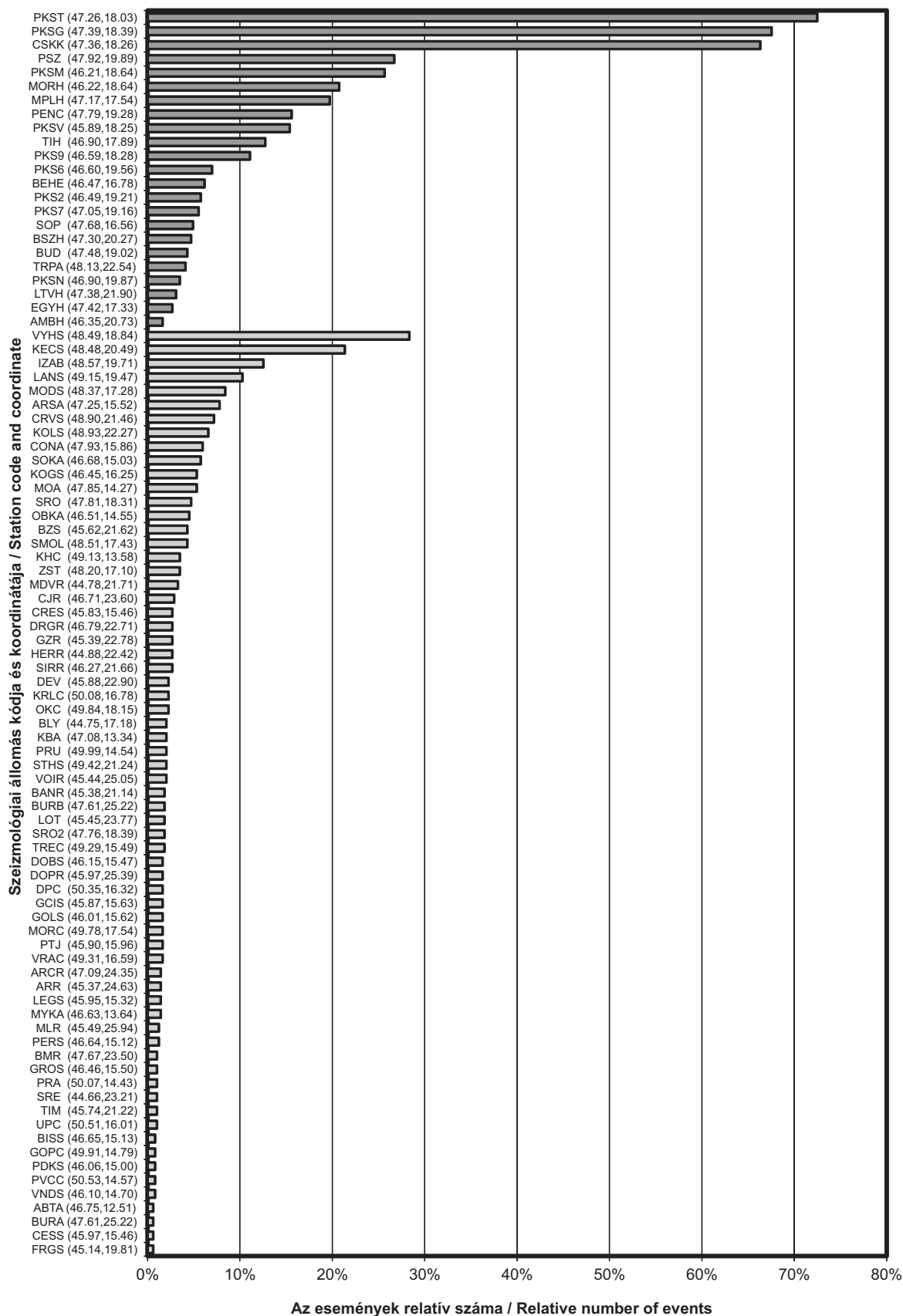
2014-12-27 time: 9:38:15.86 UTC ML= 1.6
 lat: 47.837N lon: 16.597E h= 2.6 km
 erh= 1.6km erz= 1.7km
 nr= 32 gap= 66 rms=0.79
 Locality: Austria
 Comments:

| sta | dist | azm | phase | hr | mn | sec | res |
|------|-------|-----|-------|------------|----------|-----|-------|
| SOP | 17.3 | 190 | ePgD | 9:38:19.39 | | | 0.40 |
| | | | eSg | | 38:21.34 | | -0.09 |
| ZST | 54.9 | 43 | ePg | 9:38:26.30 | | | 0.62 |
| | | | eSg | | 38:33.10 | | -0.24 |
| CONA | 55.9 | 280 | Pg | 9:38:25.63 | | | -0.23 |
| | | | Sg | | 38:33.10 | | -0.56 |
| MODS | 78.3 | 40 | ePg | 9:38:29.10 | | | -0.75 |
| | | | eSg | | 38:39.20 | | -1.55 |
| SMOL | 97.4 | 39 | ePg | 9:38:33.60 | | | 0.34 |
| | | | eSg | | 38:45.70 | | -1.13 |
| MPLH | 102.7 | 136 | ePg | 9:38:34.82 | | | 0.62 |
| | | | eSg | | 38:48.00 | | -0.51 |
| ARSA | 103.9 | 231 | Pg | 9:38:33.61 | | | -0.80 |
| | | | Sg | | 38:45.91 | | -2.98 |
| PKST | 125.9 | 121 | ePnD | 9:38:37.92 | | | -0.33 |
| | | | eSn | | 38:56.06 | | 0.34 |
| SRO | 128.6 | 91 | ePn | 9:38:39.70 | | | 1.11 |
| | | | eSn | | 38:54.60 | | -1.71 |
| PKSG | 143.7 | 110 | ePn | 9:38:40.27 | | | -0.20 |
| | | | eSn | | 38:57.72 | | -1.95 |
| KOGS | 156.6 | 190 | ePn | 9:38:43.35 | | | 1.26 |
| | | | eSn | | 39:02.08 | | -0.47 |
| MOA | 174.5 | 270 | Pn | 9:38:45.01 | | | 0.70 |

Hypocenter Parameters

| | | | | | |
|------|-------|-----|----------|------------|------|
| | | Sn | 39:06.30 | -0.21 | |
| SOKA | 175.0 | 223 | Pn | 9:38:45.30 | 0.92 |
| | | Sn | 39:05.64 | -0.98 | |
| TREC | 181.6 | 333 | ePn | 9:38:45.60 | 0.40 |
| | | eSn | 39:06.70 | -1.39 | |
| VYHS | 181.9 | 66 | ePn | 9:38:45.80 | 0.56 |
| | | eSn | 39:09.00 | 0.85 | |
| KHC | 265.5 | 303 | ePn | 9:38:58.50 | 2.83 |
| | | eSn | 39:28.60 | 1.88 | |

Földrengés paraméterek



3.4. ábra Az egyes állomások részvétele a hipocentrum meghatározásban
 Figure 3.4. Contribution of individual stations to the hypocenter determination

4.

JELENTŐS FÖLDRENGÉSEK 2014-BEN (Magyarországon érezhető földrengések)

| | | |
|--------------------|---|------------------|
| 2014. január 19. | – | Iliny |
| 2014. január 19. | – | Iliny |
| 2014. január 22. | – | Iliny |
| 2014. február 3. | – | Iliny |
| 2014. február 11. | – | Nagykőrös |
| 2014. február 19. | – | Érsekvadkert |
| 2014. május 8. | – | Bükkszentkereszt |
| 2014. június 4. | – | Bükkszentkereszt |
| 2014. június 5. | – | Bükkszentkereszt |
| 2014. augusztus 3. | – | Iliny |

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 2014 (Earthquakes felt in Hungary)

| | | |
|------------------|---|------------------|
| 19 January 2014 | – | Iliny |
| 19 January 2014 | – | Iliny |
| 22 January 2014 | – | Iliny |
| 3 February 2014 | – | Iliny |
| 11 February 2014 | – | Nagykőrös |
| 19 February 2014 | – | Érsekvadkert |
| 8 May 2014 | – | Bükkszentkereszt |
| 4 June 2014 | – | Bükkszentkereszt |
| 5 June 2014 | – | Bükkszentkereszt |
| 3 August 2014 | – | Iliny |

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*)

2014. január 19. - Iliny / 19 January 2014 - Iliny**FÉSZEKPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/01/19 |
| Kipattanási idő / Origin Time: | 01:34:34.54 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.025 N 19.435 E (S.D. 1.7 km) |
| Mélység / Depth: | 2.4 km (S.D. 1.8 km) |
| Magnitúdó / Magnitude: | 4.2 ML |
| Maximális intenzitás / Maximum Intensity: | 5 EMS |

LEÍRÁS

Január 19-én hajnalban 4.2 M_L magnitúdójú földrengés pattant ki Iliny – Nógrádmarcfal térségében. A rengés intenzitása az epicentrum térségében meghaladta az 5 EMS fokot, néhány településen enyhébb épületkárok is történtek. Elsősorban gyengébb, régebbi épületekben vakolatrepedések keletkeztek, kémények sérültek. A földrengés nagy területen volt érezhető. A rengést számos utórengés követte, melyek közül több érezhető is volt (január 19-én, január 22-én, február 3-án, augusztus 3-án).

A rengés számított intenzitás eloszlását a 4.1. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 21739 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 5259 km²

$I \geq 5$ (mérsékelt érzhetőség) becsült területe 1154 km²

DISCUSSION

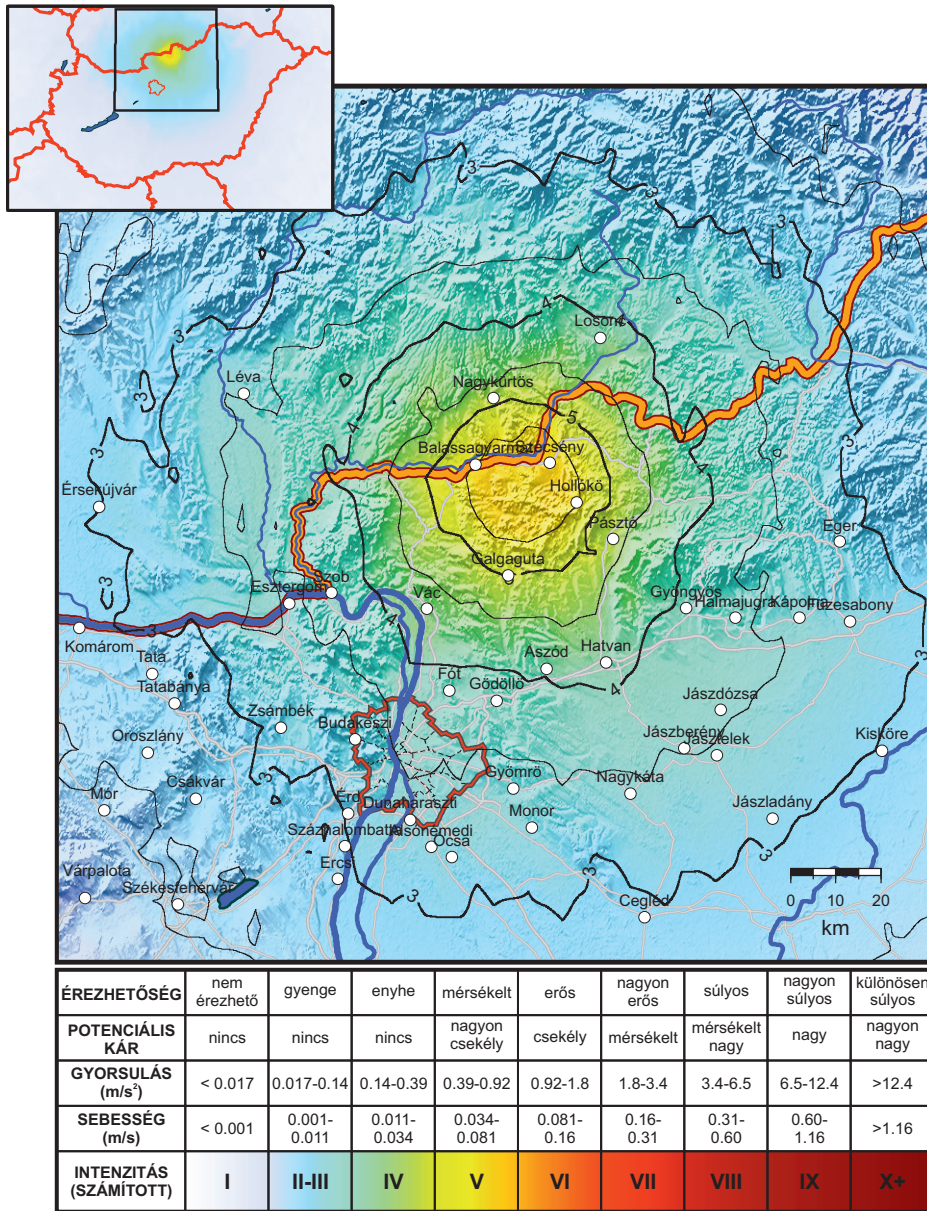
In early morning of January 19th, a 4.2 M_L magnitude earthquake occurred in the surroundings of Iliny – Nógrádmarcfal. Slight building damages (cracks in walls, and damage of chimneys) were reported from the epicentral area mostly at poorer quality older buildings. The maximum intensity was estimated higher than 5 EMS at the epicentral area. The earthquake was felt in a large area. In the next seven months, four of the several aftershocks were reported as felt (19 January, 22 January, 3 February, 3 August).

Calculated intensity distribution of the event is shown in Figure 4.1.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 21739 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 5259 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate) is about 1154 km²



4.1. ábra A 2014. január 19-i, illyi földrengés (01:34 UTC) számított intenzitás eloszlása

Figure 4.1. Instrumental intensity distribution of the Ilyi earthquake 19th January 2014 (01:34 UTC)

2014. január 19. - Iliny / 19 January 2014 - Iliny**FÉSZÉKPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/01/19 |
| Kipattanási idő / Origin Time: | 01:48:43.39 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.017 N 19.418 E (S.D. 1.4 km) |
| Mélység / Depth: | 4.2 km (S.D. 1.4 km) |
| Magnitúdó / Magnitude: | 3.2 ML |
| Maximális intenzitás / Maximum Intensity: | 4-5 EMS |

LEÍRÁS

Január 19-én hajnalban, mintegy tizenöt perccel a nagyobb rengés után újabb, 3.2 ML magnitúdójú földrengést éreztek Iliny – Nógrádmarcfal térségében. A rengés intenzitása 4-5 EMS fokra becsülhető az epicentrum környezetében. A rengés a január 19-én hajnalban keletkezett 4.2 ML földrengés utórengése volt.

A rengés számított intenzitás eloszlását a 4.2. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 5829 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 1535 km²

$I \geq 5$ (mérsékelt érzhetőség) becsült területe 278 km²

DISCUSSION

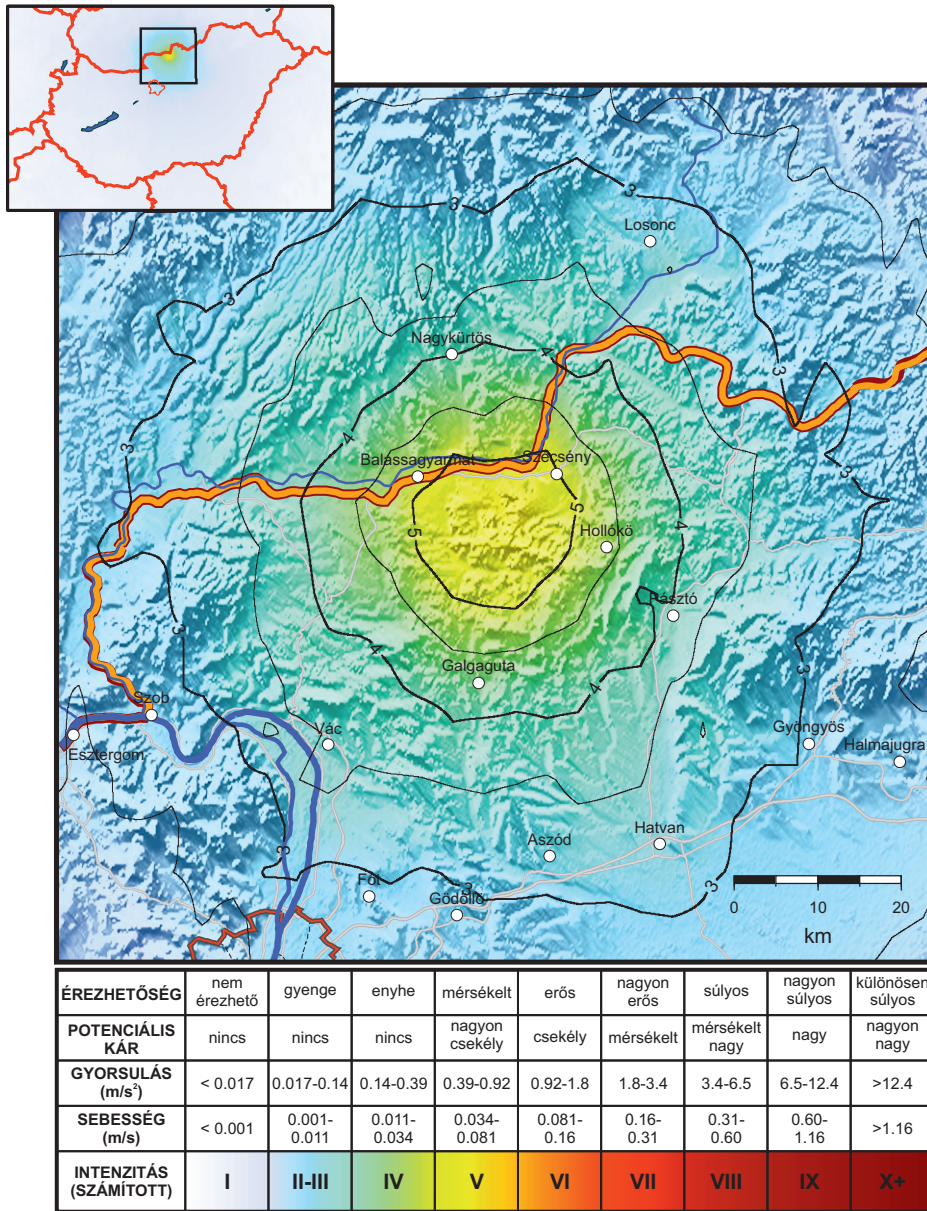
In early morning of January 19th, some fifteen minutes after the larger earthquake, a 3.2 ML magnitude earthquake was felt again at Iliny – Nógrádmarcfal area. The maximum intensity was estimated approximating 4-5 EMS. The earthquake was an aftershock of the larger, 4.2 ML event in the same night.

Calculated intensity distribution of the event is shown in Figure 4.2.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 5829 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 1535 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate) is about 278 km²



4.2. ábra A 2014. január 19-i, illyi földrengés (01:48 UTC) számított intenzitás eloszlása

Figure 4.2. Instrumental intensity distribution of the Ilyi earthquake 19th January 2014 (01:48 UTC)

2014. január 22. - Iliny / 22 January 2014 - Iliny**FÉSZEKPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/01/22 |
| Kipattanási idő / Origin Time: | 12:13:43.15 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.011 N 19.399 E (S.D. 2.0 km) |
| Mélység / Depth: | 2.5 km (S.D. 2.2 km) |
| Magnitúdó / Magnitude: | 2.9 ML |
| Maximális intenzitás / Maximum Intensity: | 4-5 EMS |

LEÍRÁS

Január 22-én délben Iliny környékén ismét földrengést éreztek. A rengés a január 19-i földrengés egyik nagyobb utórengése volt. A 2.9 M_L magnitúdójú rengés maximális intenzitása 4-5 EMS volt.

A rengés számított intenzitás eloszlását a 4.3. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 4020 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 1057 km²

$I \geq 5$ (mérsékelt érzhetőség) becsült területe 179 km²

DISCUSSION

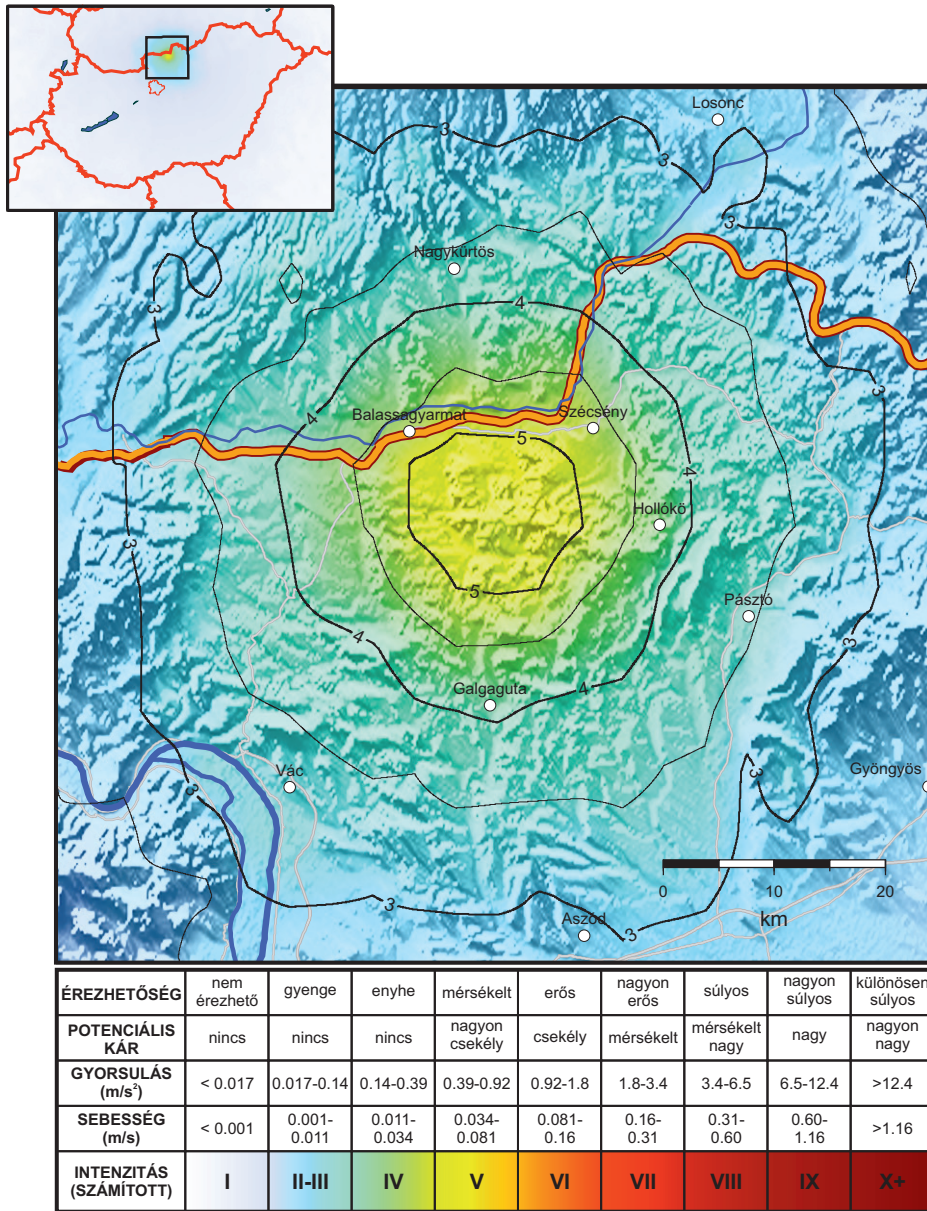
At noon of January 22nd, a 2.9 M_L magnitude event was felt again 4-5 EMS at Iliny and surroundings. The earthquake was one of the larger and felt aftershocks of the January 19th earthquake.

Calculated intensity distribution of the event is shown in Figure 4.3.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 4747 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 1200 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate) is about 56 km²



4.3. ábra A 2014. január 22-i, ilynyi földrengés (12:13 UTC) számított intenzitás eloszlása

Figure 4.3. Instrumental intensity distribution of the Ilyi earthquake 22nd January 2014 (12:13 UTC)

2014. február 3. - Iliny / 3 February 2014 - Iliny**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/02/03 |
| Kipattanási idő / Origin Time: | 23:57:07.47 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.037 N 19.417 E (S.D. 1.5 km) |
| Mélység / Depth: | 0.1 km (S.D. 1.7 km) |
| Magnitúdó / Magnitude: | 2.0 ML |
| Maximális intenzitás / Maximum Intensity: | 4 EMS |

LEÍRÁS

Február 3-án késő este Iliny környékén ismét földrengést éreztek. A rengés a január 19-i földrengés egyik érezhető utórengése volt. A 2.0 ML magnitúdójú rengés maximális intenzitása 4 EMS volt.

A rengés számított intenzitás eloszlását a 4.4. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 1446 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 374 km²

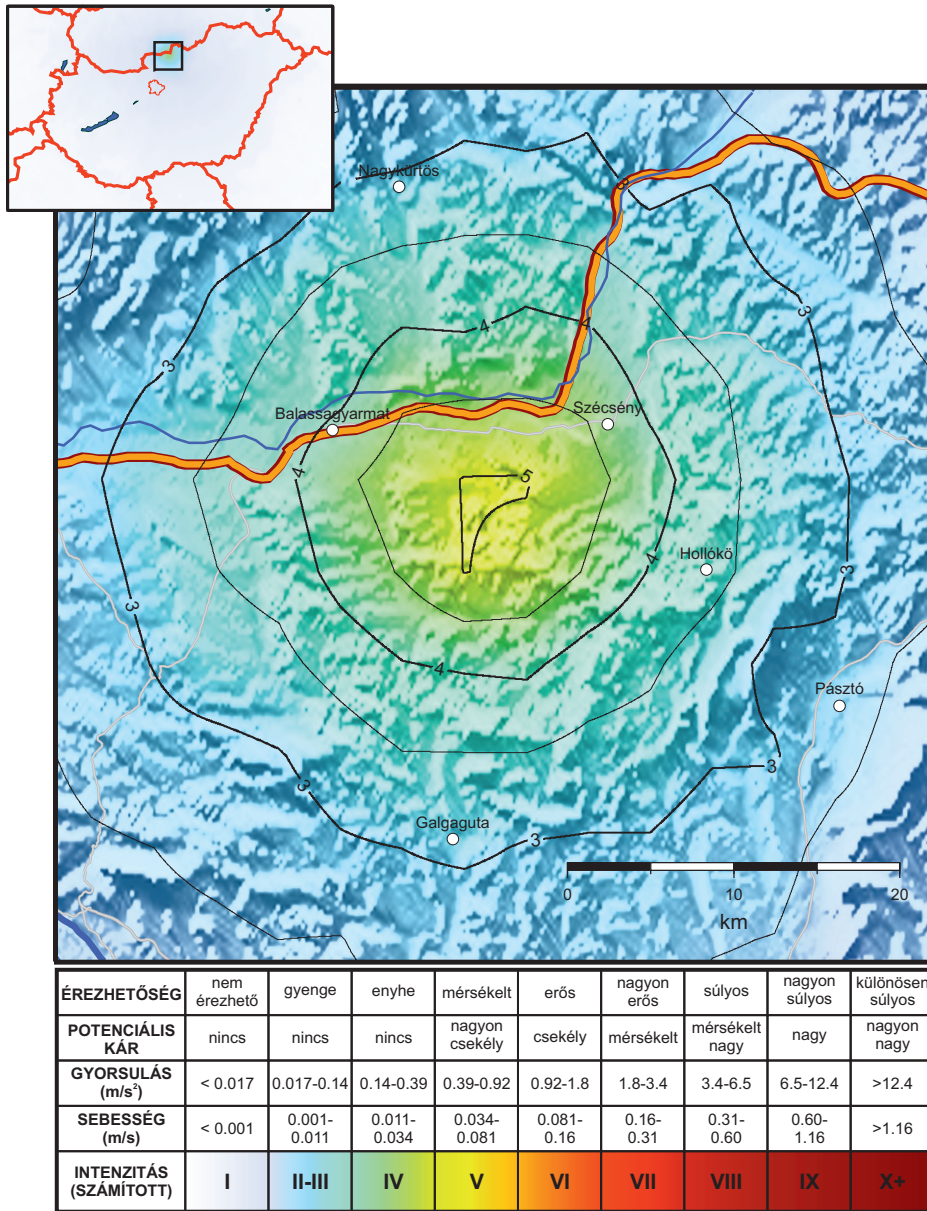
DISCUSSION

In the late evening of February 3rd, a 2.0 ML magnitude event was felt again 4 EMS at Iliny and surroundings. The earthquake was one of the felt aftershocks of the January 19th earthquake.

Calculated intensity distribution of the event is shown in Figure 4.4.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 1446 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 374 km²



4.4. ábra A 2014. február 3-i, ilynyi földrengés (23:57 UTC) számított intenzitás eloszlása

Figure 4.4. Instrumental intensity distribution of the Ilyi earthquake 3rd February 2014 (23:57 UTC)

2014. február 11. - Nagykőrös / 11 February 2014 - Nagykőrös**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/02/11 |
| Kipattanási idő / Origin Time: | 09:15:27.04 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 47.048 N 19.704 E (S.D. 1.6 km) |
| Mélység / Depth: | 10.0 km (S.D. 1.4 km) |
| Magnitúdó / Magnitude: | 2.6 ML |
| Maximális intenzitás / Maximum Intensity: | 4 EMS |

LEÍRÁS

Február 11-én délelőtt Nagykőrös környékén volt érezhető (4 EMS) egy 2.6 M_L magnitúdójú földrengés. Több földrengés is volt már ezen a területen, legutóbb 2000-ben volt érezhető egy hasonló, 2.6 M_L magnitúdójú rengés, melyet két kisebb utórengés is követett.

A rengés számított intenzitás eloszlását a 4.5. ábra mutatja.

$I \geq 3$ (gyenge érezhetőség) becsült területe 3631 km²

$I \geq 4$ (enyhe érezhetőség) becsült területe 809 km²

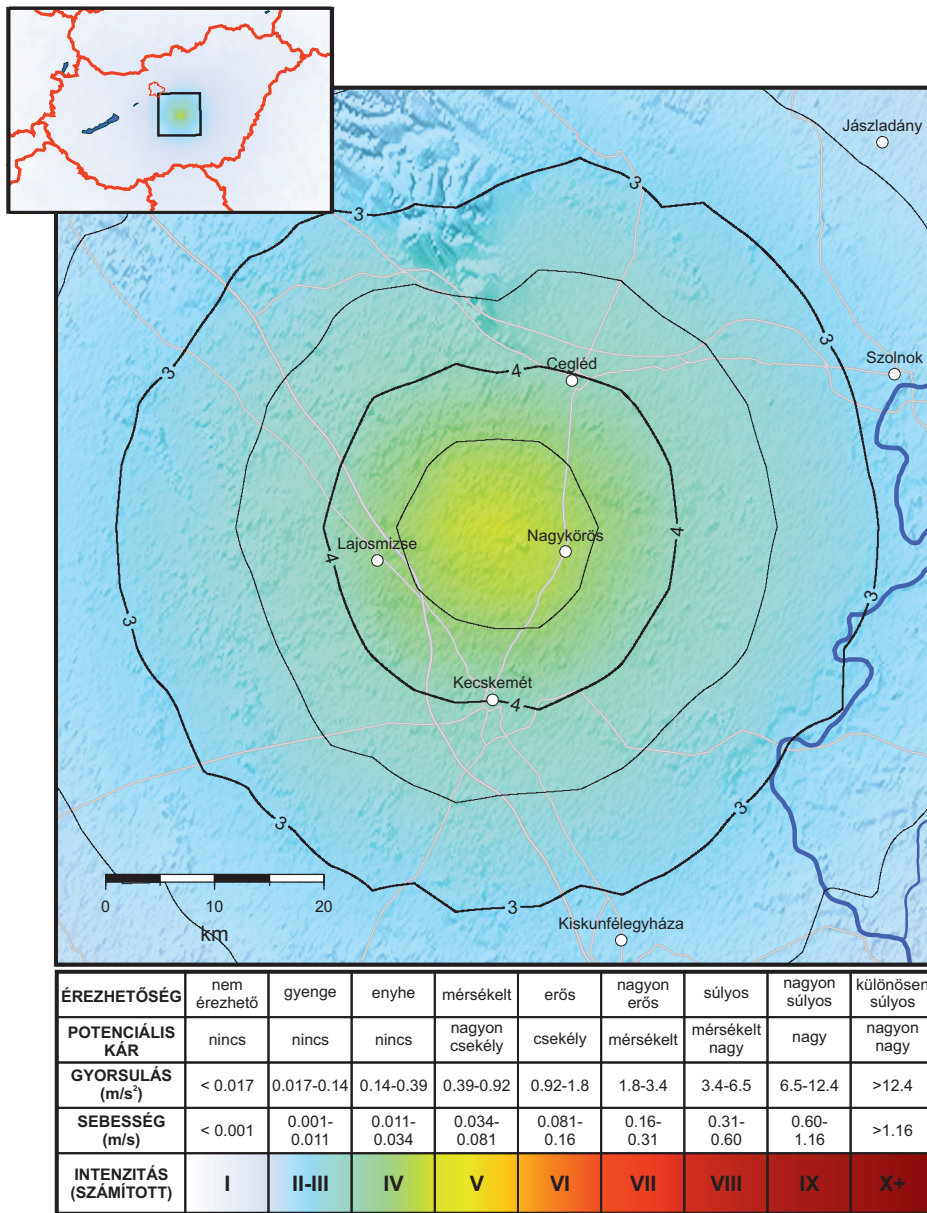
DISCUSSION

In the morning of February 11th, a 2.6 M_L magnitude earthquake was felt (4 EMS) at Nagykőrös area. Several historical and recent earthquakes are known from the same area. Recently in 2000, a similar magnitude 2.6 M_L earthquake followed by two smaller aftershocks was reported.

Calculated intensity distribution of the event is shown in Figure 4.5.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 3631 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 809 km²



4.5. ábra A 2014. február 11-i, nagykörsi földrengés (09:15 UTC) számított intenzitás eloszlása

Figure 4.5. Instrumental intensity distribution of the Nagykörs earthquake 11th February 2014 (09:15 UTC)

2014. február 19. - Érsekvadkert / 19 February 2014 - Érsekvadkert**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/02/19 |
| Kipattanási idő / Origin Time: | 15:54:24.96 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.007 N 19.233 E (S.D. 1.4 km) |
| Mélység / Depth: | 5.6 km (S.D. 1.4 km) |
| Magnitúdó / Magnitude: | 2.5 ML |
| Maximális intenzitás / Maximum Intensity: | 4-5 EMS |

LEÍRÁS

Február 19-én délután, Nógrád megyében, Érsekvadkert környékén érezték földrengést. A 2.5 ML magnitúdójú rengés a 2013. június 5-i 4.1 ML magnitúdójú rengés utórengése volt. A rengés maximális intenzitása 4-5 EMS.

A rengés számított intenzitás eloszlását a 4.6. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 2480 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 580 km²

$I \geq 5$ (mérsékelt érzhetőség) becsült területe 16 km²

DISCUSSION

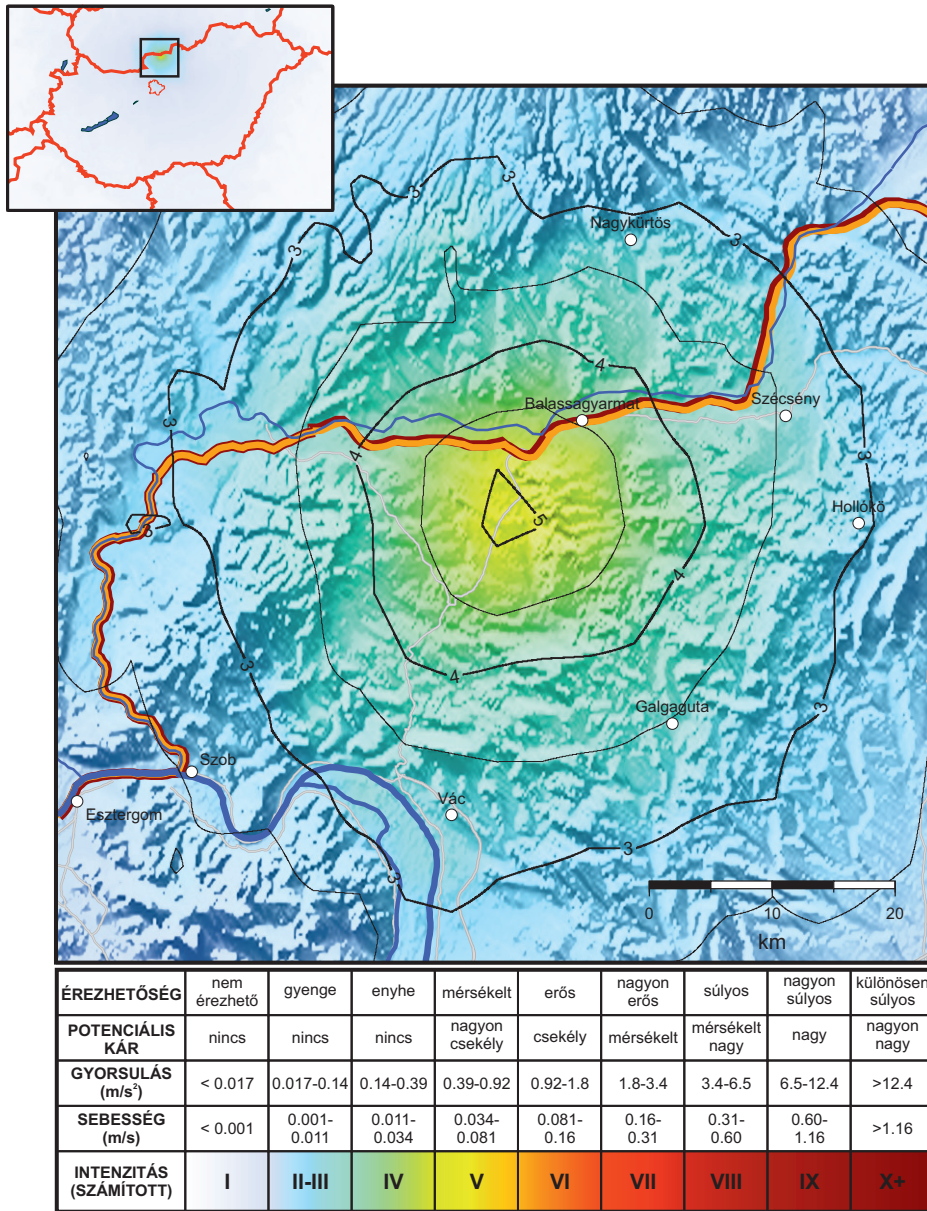
In the afternoon of February 19th, a 2.5 ML magnitude earthquake was felt around Érsekvadkert, Nógrád County. The event was one of the felt aftershocks of the June 5th, 2013 4.1 ML magnitude earthquake. The assigned maximum intensity is about 4-5 EMS.

Calculated intensity distribution of the event is shown in Figure 4.6.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 2480 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 580 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate) is about 16 km²



4.6. ábra A 2014. február 19-i, érsekvedkerti földrengés (15:54 UTC) számított intenzitás eloszlása

Figure 4.6. Instrumental intensity distribution of the Érsekvedkerti earthquake 19th February 2014 (15:54 UTC)

2014. május 8. - Bükkszentkereszt / 8 May 2014 - Bükkszentkereszt**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/05/08 |
| Kipattanási idő / Origin Time: | 06:37:56.15 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.047 N 20.571 E (S.D. 2.1 km) |
| Mélység / Depth: | 4.5 km (S.D. 2.0 km) |
| Magnitúdó / Magnitude: | 2.8 M _L |
| Maximális intenzitás / Maximum Intensity: | 5 EMS |

LEÍRÁS

Az év folyamán tíz kis és közepes méretű földrengés volt a Bükk-hegység környékén. Az elsőt május 8-án reggel Bükkszentkeresztben és környékén érezték. A 2.8 M_L magnitúdójú rengés maximális intenzitása 5 EMS körüli volt. 2003-ban 3.1 M_L magnitúdójú rengés volt érezhető (5 EMS) ugyanezen a területen.

A rengés számított intenzitás eloszlását a 4.7. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 4109 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 940 km²

$I \geq 5$ (mérsékelt érzhetőség) becsült területe 80 km²

DISCUSSION

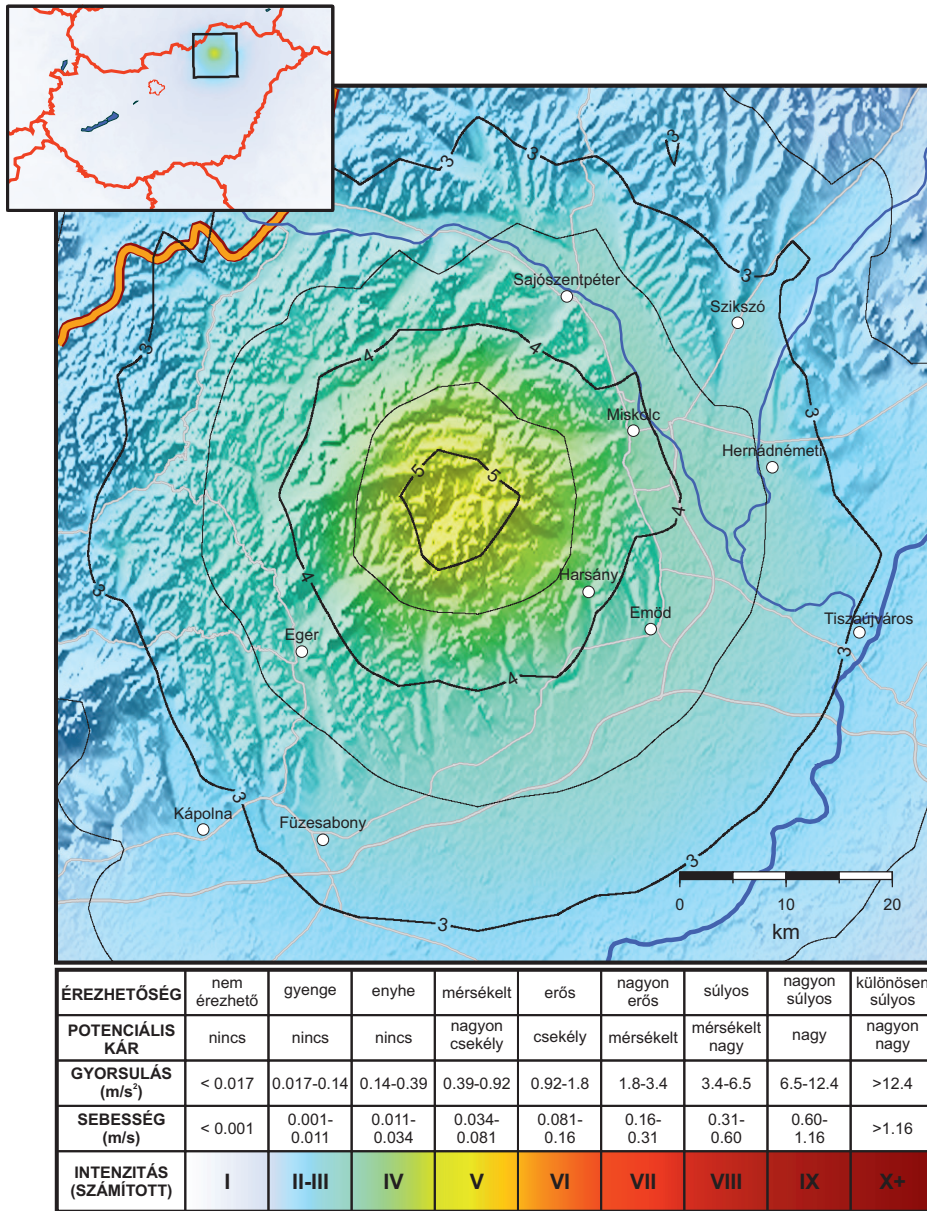
Ten small to medium size earthquakes were located in the Bükk Mountain region during the year. In the morning of May 8th, the first event, a 2.8 M_L magnitude quake was felt 5 EMS in Bükkszentkereszt and surroundings. In 2003, a 3.1 M_L magnitude earthquake was felt 5 EMS in the same area.

Calculated intensity distribution of the event is shown in Figure 4.7.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 4109 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 940 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate) is about 80 km²



4.7. ábra A 2014. május 8-i, bükk-szentkereszt-i földrengés (06:37 UTC) számított intenzitás eloszlása

Figure 4.7. Instrumental intensity distribution of the Bükk-szentkereszt earthquake 8th May 2014 (06:37 UTC)

2014. június 4. - Bükkszentkereszt / 4 June 2014 - Bükkszentkereszt**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/06/04 |
| Kipattanási idő / Origin Time: | 17:56:29.00 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.040 N 20.573 E (S.D. 2.5 km) |
| Mélység / Depth: | 7.1 km (S.D. 2.5 km) |
| Magnitúdó / Magnitude: | 3.0 ML |
| Maximális intenzitás / Maximum Intensity: | 5 EMS |

LEÍRÁS

Az év folyamán tíz kis és közepes méretű földrengés volt a Bükk-hegység környékén. A legnagyobb, második érezhető rengés június 4-én este Bükkszentkereszt környékén keletkezett. A 3.0 M_L magnitúdójú rengés maximális intenzitása 5 EMS volt. 2003-ban 3.1 M_L magnitúdójú rengés volt érezhető (5 EMS) ugyanezen a területen.

A rengés számított intenzitás eloszlását a 4.8. ábra mutatja.

$I \geq 3$ (gyenge érezhetőség) becsült területe 5236 km²

$I \geq 4$ (enyhe érezhetőség) becsült területe 1203 km²

$I \geq 5$ (mérsékelt érezhetőség) becsült területe 61 km²

DISCUSSION

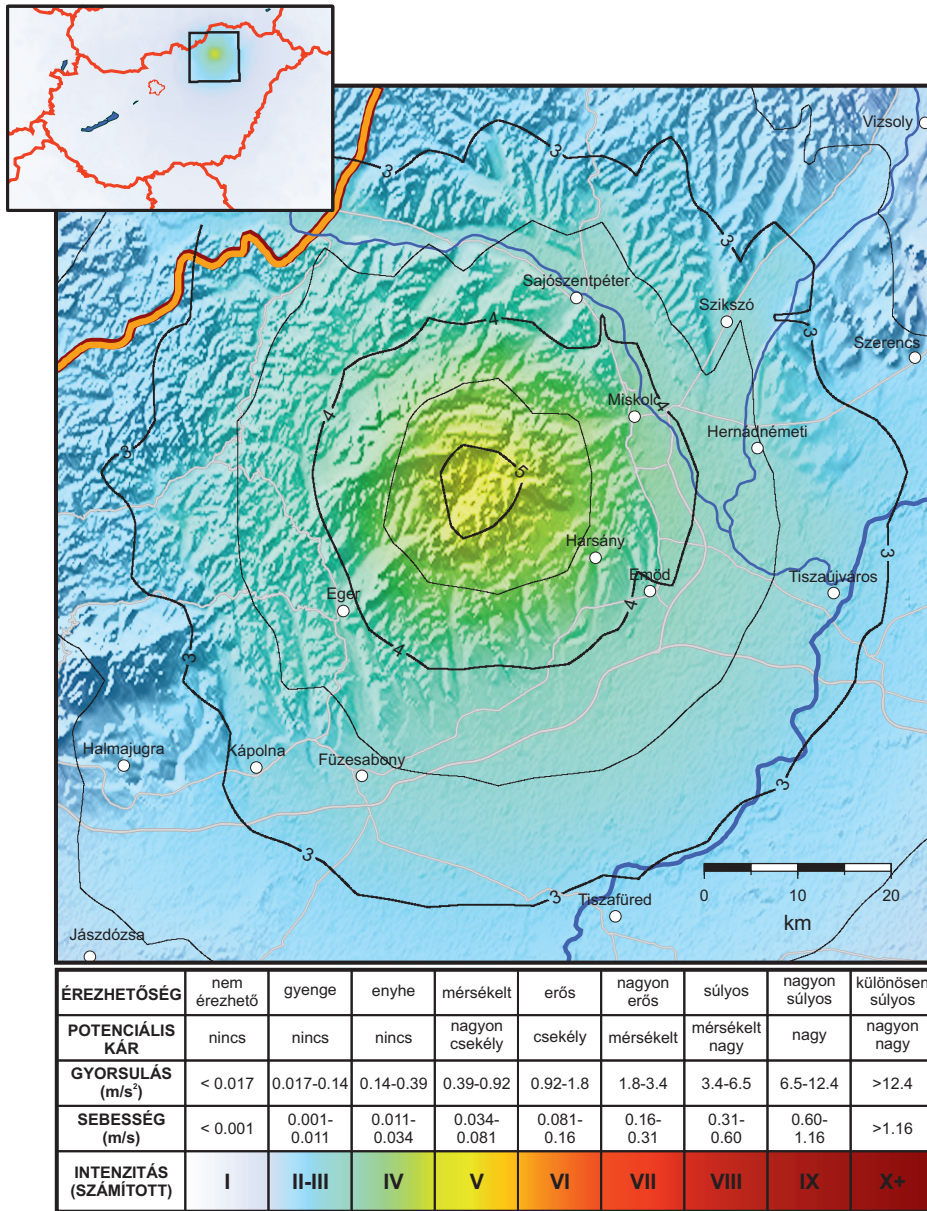
Ten small to medium size earthquakes were located in the Bükk Mountain region during the year. The second felt, the largest magnitude event burst in the afternoon of June 4th. The 3.0 M_L magnitude quake was felt 5 EMS in Bükkszentkereszt and surroundings. In 2003, a 3.1 M_L magnitude earthquake was felt 5 EMS in the same area.

Calculated intensity distribution of the event is shown in Figure 4.8.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 5236 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 1203 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate) is about 61 km²



4.8. ábra A 2014. június 4-i, bükk-szentkereszti földrengés (17:56 UTC) számított intenzitás eloszlása

Figure 4.8. Instrumental intensity distribution of the Bükk-szentkereszt earthquake 4th June 2014 (17:56 UTC)

2014. június 5. - Bükkszentkereszt / 5 June 2014 - Bükkszentkereszt**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/06/05 |
| Kipattanási idő / Origin Time: | 01:44:20.26 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.070 N 20.573 E (S.D. 2.0 km) |
| Mélység / Depth: | 7.1 km (S.D. 1.9 km) |
| Magnitúdó / Magnitude: | 2.6 M _L |
| Maximális intenzitás / Maximum Intensity: | 4-5 EMS |

LEÍRÁS

Az év folyamán tíz kis és közepes méretű földrengés volt a Bükk-hegység környékén. A harmadik érezhető június 5-én éjjel Bükkszentkeresztről és környékéről jelentették. A 2.6 M_L magnitúdójú rengés maximális intenzitása 4-5 EMS körüli volt. 2003-ban 3.1 M_L magnitúdójú rengés volt érezhető (5 EMS) ugyanezen a területen.

A rengés számított intenzitás eloszlását a 4.9. ábra mutatja.

$I \geq 3$ (gyenge érzhetőség) becsült területe 3270 km²

$I \geq 4$ (enyhe érzhetőség) becsült területe 705 km²

$I \geq 5$ (enyhe érzhetőség) becsült területe 46 km²

DISCUSSION

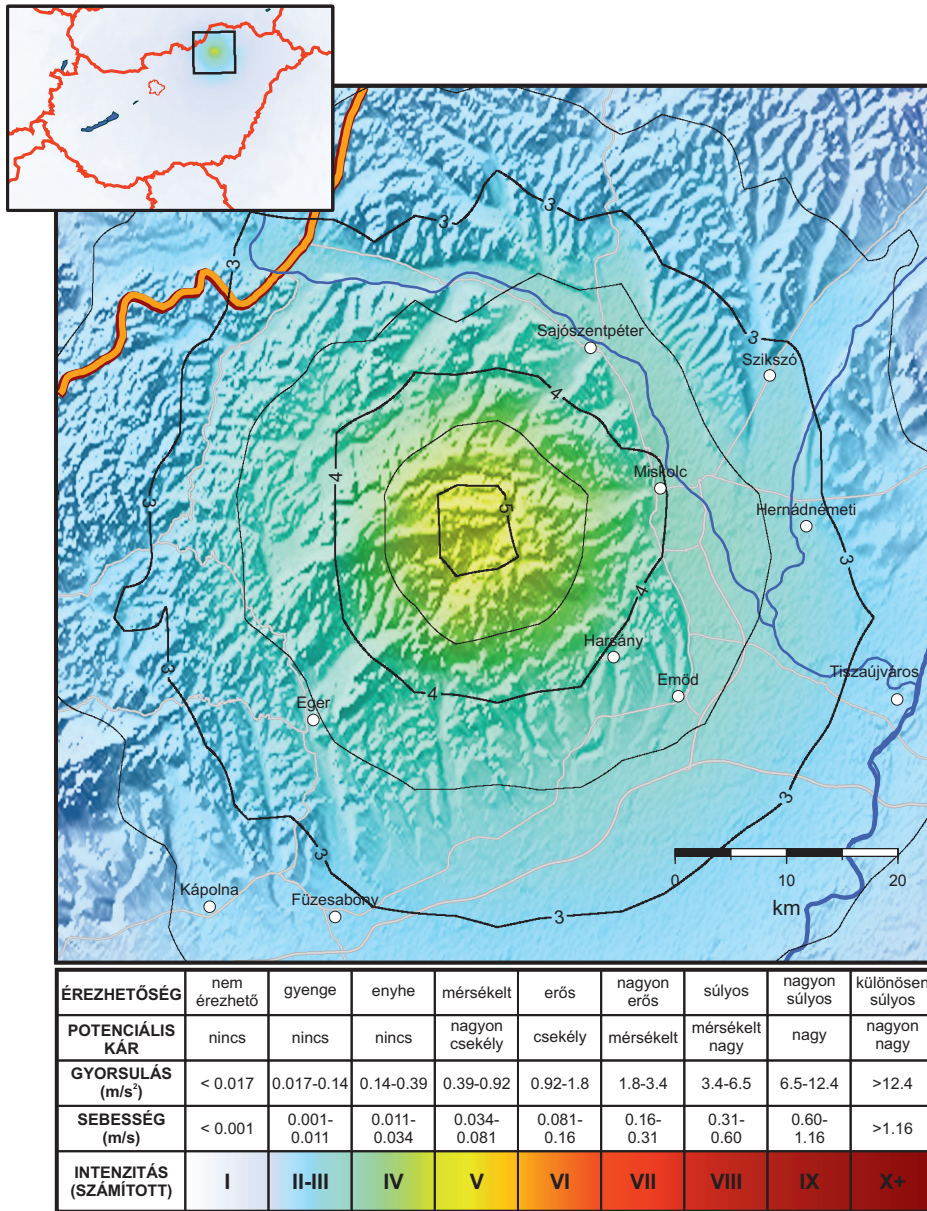
Ten small to medium size earthquakes were located in the Bükk Mountain region during the year. The third felt event was reported from Bükkszentkereszt and surroundings in the night of June 5th. The 2.6 M_L magnitude quake was felt 4-5 EMS. In 2003, a 3.1 M_L magnitude earthquake was felt 5 EMS in the same area.

Calculated intensity distribution of the event is shown in Figure 4.9.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 3270 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 705 km²

Estimated area of $I \geq 5$ (perceived shaking: light) is about 46 km²



4.9. ábra A 2014. június 5-i, bükkszentkereszti földrengés (01:44 UTC) számított intenzitás eloszlása

Figure 4.9. Instrumental intensity distribution of the Bükkszentkereszt earthquake 5th June 2014 (01:44 UTC)

2014. augusztus 3. - Iliny / 3 August 2014 - Iliny**FÉSZKEPARAMÉTEREK / HYPOCENTER PARAMETERS**

| | |
|--|---------------------------------|
| Dátum / Date: | 2014/08/03 |
| Kipattanási idő / Origin Time: | 01:48:06.45 UTC |
| Szélesség és hosszúság / Latitude and Longitude: | 48.033 N 19.397 E (S.D. 1.1 km) |
| Mélység / Depth: | 1.7 km (S.D. 1.2 km) |
| Magnitúdó / Magnitude: | 3.0 ML |
| Maximális intenzitás / Maximum Intensity: | 5 EMS |

LEÍRÁS

Augusztus 3-án éjjel Iliny környékén érezték ismét földrengést. A rengés a január 19-i földrengés egyik érezhető utórengése volt. A 3.0 ML magnitúdójú rengés maximális intenzitása 5 EMS volt.

A rengés számított intenzitás eloszlását a 4.10. ábra mutatja.

$I \geq 3$ (gyenge érezhetőség) becsült területe 4537 km²

$I \geq 4$ (enyhe érezhetőség) becsült területe 1170 km²

$I \geq 5$ (mérsékelt érezhetőség) becsült területe 230 km²

DISCUSSION

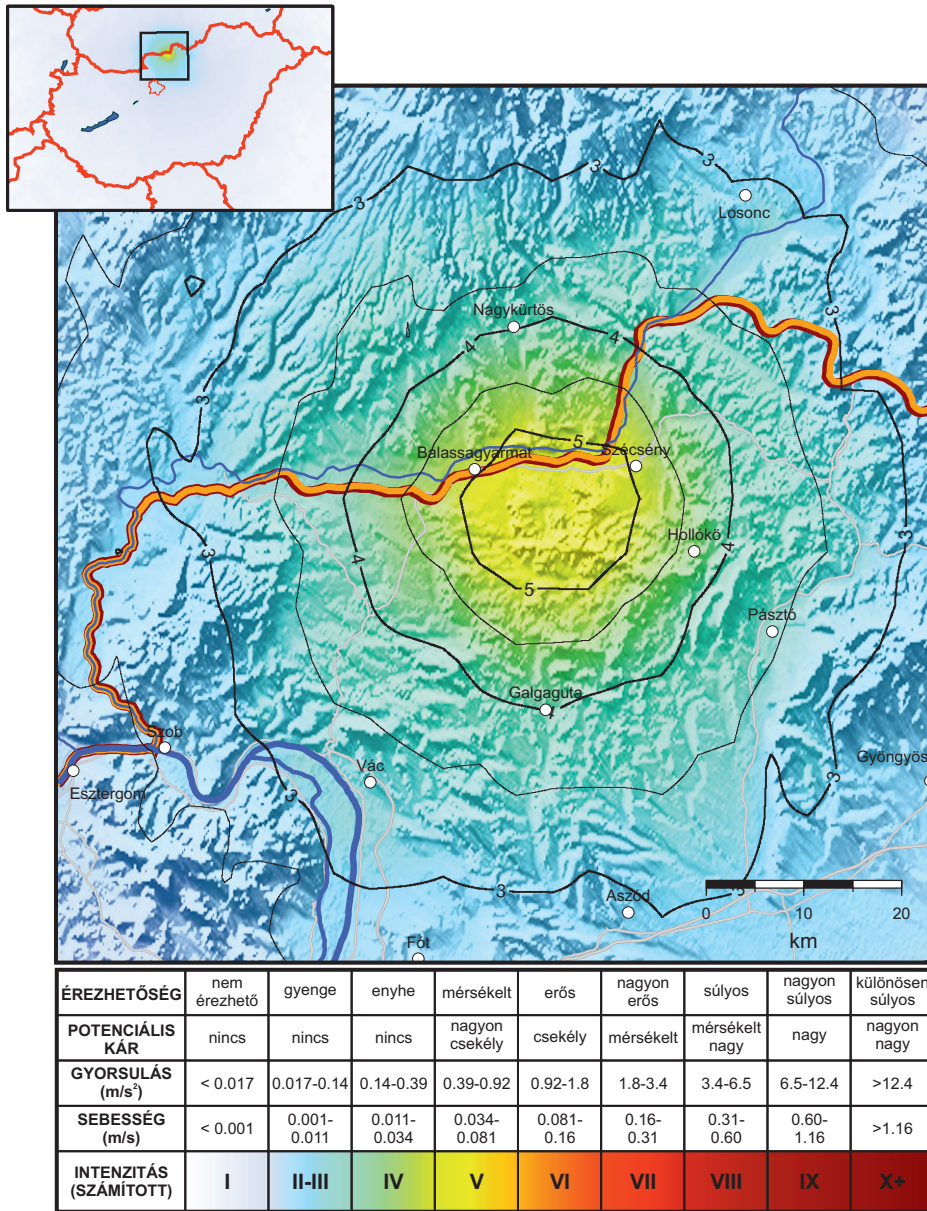
In the early morning of August 3rd, a 3.0 ML magnitude event was felt 5 EMS at Iliny and surroundings. The earthquake was one of the felt aftershocks of the January 19th earthquake.

Calculated intensity distribution of the event is shown in Figure 4.10.

Estimated area of $I \geq 3$ (perceived shaking: weak) is about 4537 km²

Estimated area of $I \geq 4$ (perceived shaking: light) is about 1170 km²

Estimated area of $I \geq 5$ (perceived shaking: moderate) is about 230 km²



4.10. ábra A 2014. augusztus 3-i, ilinyi földrengés (01:48 UTC) számított intenzitás eloszlása

Figure 4.10. Instrumental intensity distribution of the Iliny earthquake 3rd August 2014 (01:48 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 károkat 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 ☞ **Károkat 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 károkat 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 rombadől.

10 ☞ **Nagyon pusztító**

Sok hagyományos épület összedől.

11 ☞ **Elsöprő**

A legtöbb épület összedől.

12 ☞ **Teljesen elsöprő**

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.

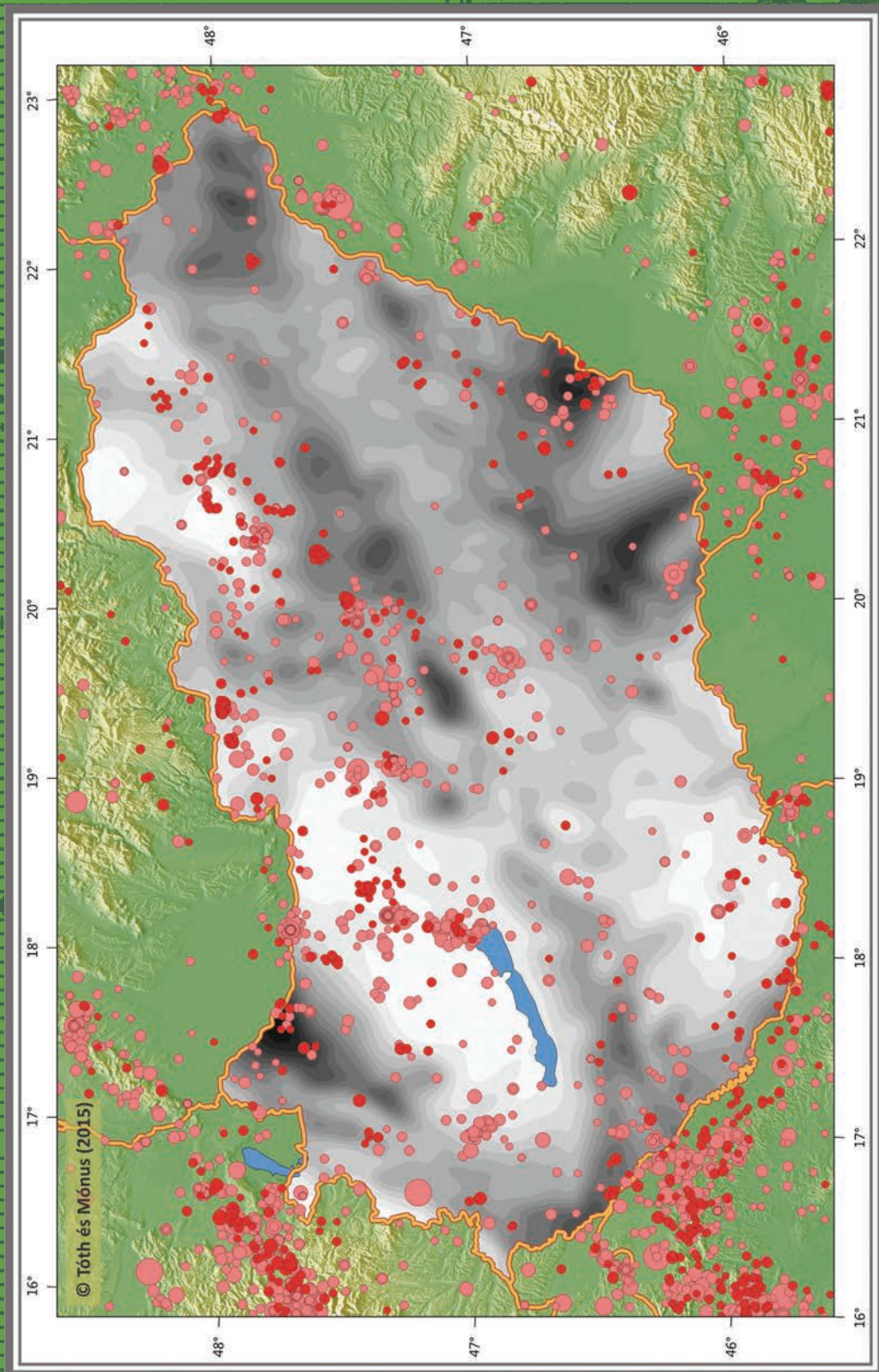
(For details see Grünthal, 1998)

JEGYZETEK / NOTES

JEGYZETEK / NOTES

M ≥ 2 földrengések Magyarországon

M ≥ 2 Earthquakes in Hungary



456 - 1994



2 3 4 5 6 7

1995 - 2014



2 3 4 5 6 7

Pre-tercier Basement [km]



0 -1 -2 -3 -4 -5 -6 -7 -8